LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122618\
Data File : BN004214.D
Acq On : 26 Dec 2018 21:50
Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.087	12	17	26	rBV4	85522	204344	8.02%	0.538%
2	3.187	31	34	40	rVV	81391	131720	5.17%	0.347%
3	3.534	89	93	104	rVB2	130437	245389	9.63%	0.646%
4	3.711	114	123	125	rVV3	47759	125498	4.92%	0.330%
5	3.787	130	136	142	rVV	92063	194397	7.63%	0.512%
6	3.905	152	156	166	rVB3	75495	147232	5.78%	0.388%
7	4.016	166	175	189	rBV	1085958	1952358	76.61%	5.141%
8	4.187	197	204	208	rBV3	52977	111685	4.38%	0.294%
9	4.311	217	225	228	rBV2	156382	267116	10.48%	0.703%
10	4.346	228	231	238	rVV	186899	284802	11.18%	0.750%
11	5.028	340	347	360	rVB6	82038	251579	9.87%	0.662%
12	5.328	391	398	404	rBV	1235852	1928332	75.67%	5.078%
13	5.463	413	421	423	rBV	1588366	2548488	100.00%	6.711%
14	5.681	451	458	467	rBV5	57855	127144	4.99%	0.335%
15	5.828	475	483	491	rVV2	731982	1386613	54.41%	3.651%
16	6.305	554	564	568	rBV2	107853	213522	8.38%	0.562%
17	6.440	577	587	597	rVB4	63672	176053	6.91%	0.464%
18	6.787	641	646	652	rBV2	172601	270362	10.61%	0.712%
19	6.899	659	665	670	rBV	483918	709760	27.85%	1.869%
20	6.957	670	675	680	rVV	369155	570645	22.39%	1.503%
21	7.034	682	688	694	rVB	367410	572619	22.47%	1.508%
22	7.199	711	716	726	rVV	346198	617740	24.24%	1.627%
23	7.410	747	752	755	rVV	222748	303265	11.90%	0.799%
24	7.463	755	761	768	rVB	1177693	1851887	72.67%	4.876%
25	7.757	806	811	817	rVB4	65821	113352	4.45%	0.298%
26	7.822	817	822	831	rBV2	114597	249775	9.80%	0.658%
27	7.928	834	840	847	rVB2	469897	739555	29.02%	1.947%
28	8.099	861	869	878	rVB6	79355	179717	7.05%	0.473%
29	8.187	878	884	897	rBV	514853	865816	33.97%	2.280%
30	8.293	897	902	908	rVV5	72307	149871	5.88%	0.395%
31	8.352	908	912	920	rVB	226741	377317	14.81%	0.994%
32	8.446	920	928	938	rBV3	228304	520754	20.43%	1.371%
33	8.534	938	943	950	rVB3	48873	111941	4.39%	0.295%
34	8.757	975	981	986	rBV	84530	129457	5.08%	0.341%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Title : SVOA CALIBRATION

35	8.810	986	990	994	rBV	85079	120668	4.73%	0.318%
36	8.910	999	1007	1016	rVB2	202710	429821	16.87%	1.132%
37	8.999	1016	1022	1028	rBV3	315561	692731	27.18%	1.824%
38	9.099	1034	1039	1043	rBV2	68647	117045	4.59%	0.308%
39	9.157	1043	1049	1057	rVB8	34142	105051	4.12%	0.277%
40	9.246	1058	1064	1070	rBV	83741	152495	5.98%	0.402%
41	9.434	1091	1096	1101	rBV	78591	126582	4.97%	0.333%
42	9.493	1101	1106	1117	rVB	137927	251318	9.86%	0.662%
43	9.587	1117	1122	1127	rBV3	70622	116388	4.57%	0.306%
44	9.710	1131	1143	1150	rBV4	61957	161259	6.33%	0.425%
45	9.857	1162	1168	1173	rBV2	130553	207725	8.15%	0.547%
46	10.010	1181	1194	1207	rBV3	441732	926404	36.35%	2.439%
47	10.116	1207	1212	1222	rBV8	53407	173598	6.81%	0.457%
48	10.246	1227	1234	1239	rBV	128235	216566	8.50%	0.570%
49	10.451	1263	1269	1272	rBV4	52302	118102	4.63%	0.311%
50	10.551	1280	1286	1290	rBV2	156860	256877	10.08%	0.676%
51	10.622	1294	1298	1301	rVV	147878	238782	9.37%	0.629%
52	10.675	1301	1307	1312	rVV	826697	1373878	53.91%	3.618%
53	11.087	1370	1377	1384	rVB	98562	264950	10.40%	0.698%
54	11.510	1442	1449	1455	rVB4	50890	153017	6.00%	0.403%
55	11.710	1478	1483	1494	rVB3	92268	238099	9.34%	0.627%
56	11.816	1494	1501	1511	rBV2	114565	249845	9.80%	0.658%
57	12.016	1529	1535	1540	rVV3	121939	294532	11.56%	0.776%
58	12.228	1567	1571	1575	rVV4	65691	118567	4.65%	0.312%
59	12.281	1575	1580	1586	rVB	436341	660838	25.93%	1.740%
60	12.504	1612	1618	1625	rVB2	358132	616301	24.18%	1.623%
61	12.598	1625	1634	1638	rBV7	88380	256078	10.05%	0.674%
62	12.804	1664	1669	1675	rVB4	103796	195764	7.68%	0.515%
63	12.869	1675	1680	1684	rBV	106057	177200	6.95%	0.467%
64	13.251	1739	1745	1748	rBV	102730	175747	6.90%	0.463%
65	13.292	1749	1752	1755	rVV4	68381	107250	4.21%	0.282%
66	13.334	1756	1759	1771	rVV4	56900	176515	6.93%	0.465%
67	13.434	1771	1776	1781	rVV4	65827	128842	5.06%	0.339%
68	13.492	1781	1786	1799	rVV2	101840	269665	10.58%	0.710%
69	13.639	1802	1811	1815	rVB5	115607	312788	12.27%	0.824%
70	13.722	1822	1825	1830	rVV5	85569	155278	6.09%	0.409%
71	13.775	1830	1834	1839	rVV	131698	260914	10.24%	0.687%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Title : SVOA CALIBRATION

72	13.834	1839	1844	1847	rVV3	153994	280535	11.01%	0.739%
73	13.869	1847	1850	1854	rVV	134315	182168	7.15%	0.480%
74	13.910	1854	1857	1861	rVB2	90739	118123	4.64%	0.311%
75	13.975	1861	1868	1872	rBV2	90487	189575	7.44%	0.499%
76	14.157	1889	1899	1912	rVB2	186471	646930	25.38%	1.704%
77	14.292	1918	1922	1925	rVV3	55655	106780	4.19%	0.281%
78	14.328	1925	1928	1936	rVB2	90818	129040	5.06%	0.340%
79	14.463	1946	1951	1961	rVB3	298549	523422	20.54%	1.378%
80	15.275	2086	2089	2095	rVB2	101986	143833	5.64%	0.379%
81	15.457	2115	2120	2124	rVB	209275	285209	11.19%	0.751%
82	16.139	2232	2236	2244	rBV	64807	150801	5.92%	0.397%
83	17.210	2413	2418	2422	rBV	347954	501171	19.67%	1.320%
84	17.251	2422	2425	2430	rVV	115361	163124	6.40%	0.430%
85	17.310	2430	2435	2441	rVB	254919	347506	13.64%	0.915%
86	18.086	2562	2567	2571	rBV2	319008	462514	18.15%	1.218%
87	18.133	2572	2575	2584	rVB	95963	140969	5.53%	0.371%
88	19.363	2780	2784	2793	rBV	119444	163210	6.40%	0.430%
89	19.604	2821	2825	2838	rVB	297762	470680	18.47%	1.239%
90	21.074	3072	3075	3086	rVB	163723	236009	9.26%	0.621%
91	21.398	3125	3130	3135	rBV	566895	711437	27.92%	1.873%
92	21.951	3220	3224	3230	rBV2	100213	121442	4.77%	0.320%
93	22.421	3300	3304	3313	rBV	140441	193069	7.58%	0.508%
94	22.557	3322	3327	3335	rVB	176165	239082	9.38%	0.630%
95	22.945	3388	3393	3399	rVB	170776	256734	10.07%	0.676%
96	23.521	3485	3491	3495	rBV	177661	303542	11.91%	0.799%
97	23.574	3495	3500	3514	rVB	271140	508952	19.97%	1.340%
98	23.721	3518	3525	3535	rVB2	389642	733210	28.77%	1.931%
99	24.186	3598	3604	3615	rVB	129992	262489	10.30%	0.691%
100	24.957	3728	3735	3742	rBV	78595	177207	6.95%	0.467%

Sum of corrected areas: 37976348

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Acq On : 26 Dec 2018 21:50
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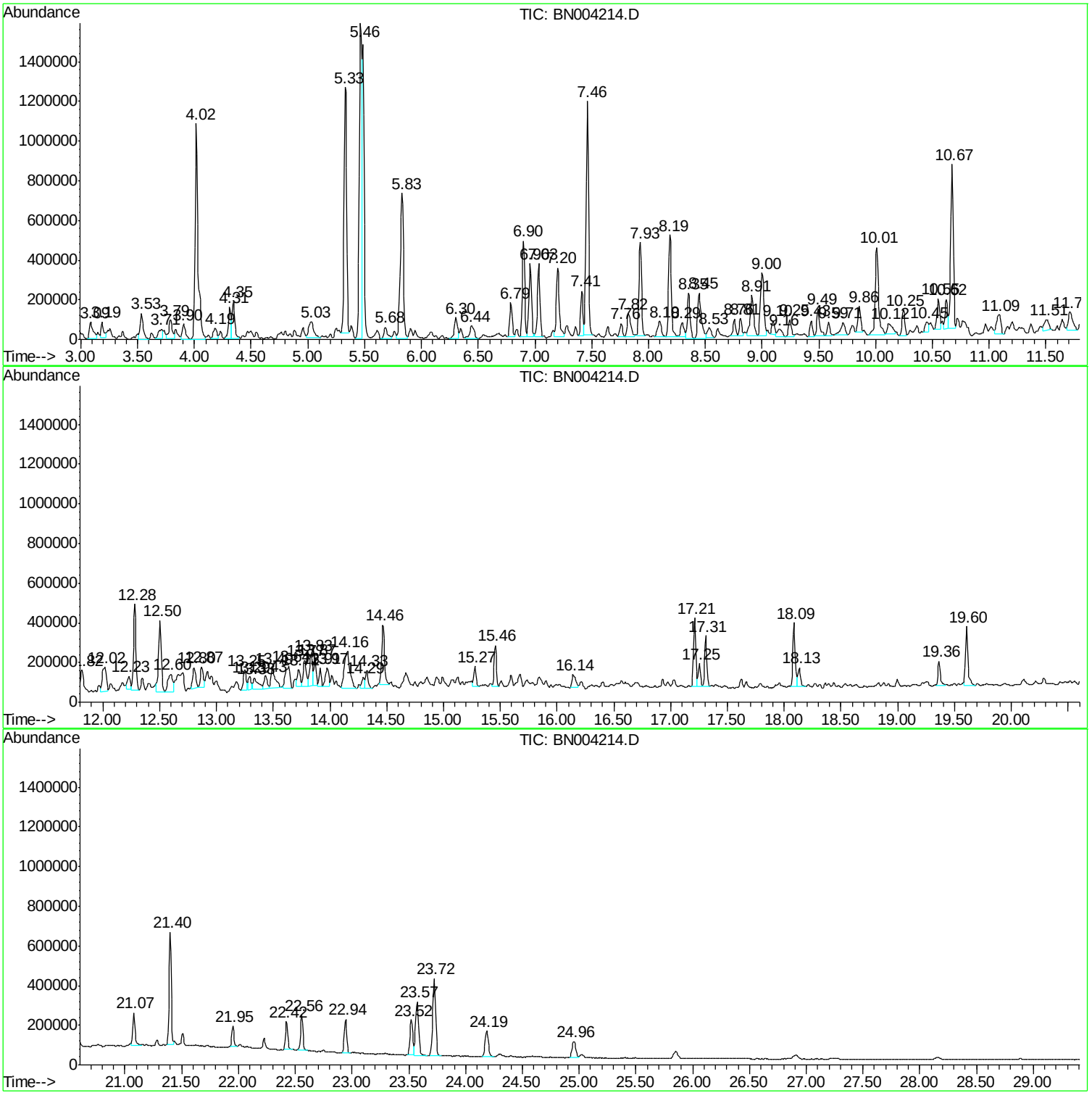
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122618\
Data File : BN004214.D
Acq On : 26 Dec 2018 21:50
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Instrument : BNA_N
ClientSampleId : F9F55

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Quant Title : SVOA CALIBRATION

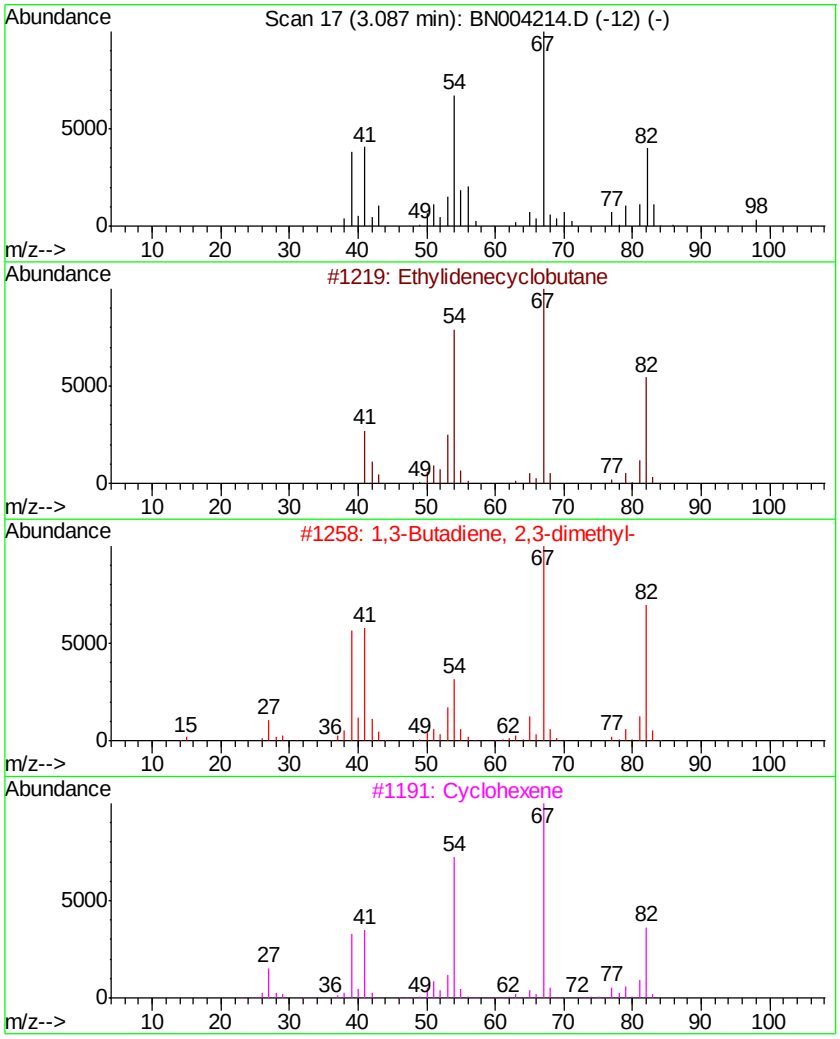
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

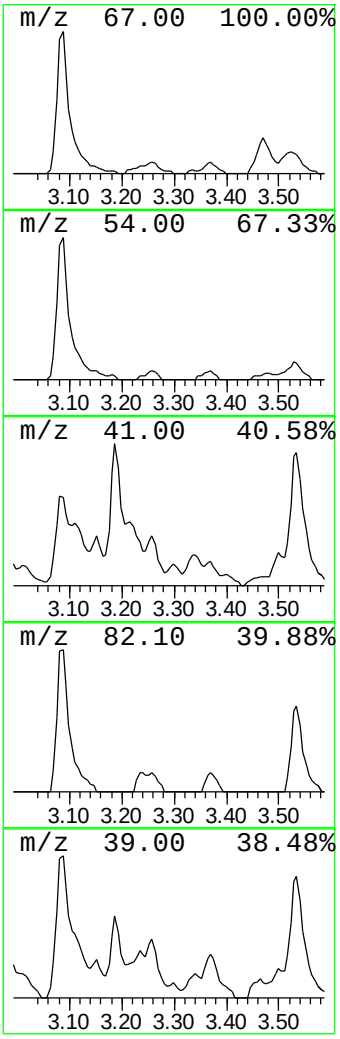
****

Peak Number 1 Ethylidenecyclobutane Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	16.36 ng/ul	204344	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylidenecyclobutane	82	C6H10	001528-21-8	81
2	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	64
3	Cyclohexene	82	C6H10	000110-83-8	64
4	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	62
5	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122618\
Data File : BN004214.D
Acq On : 26 Dec 2018 21:50
Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

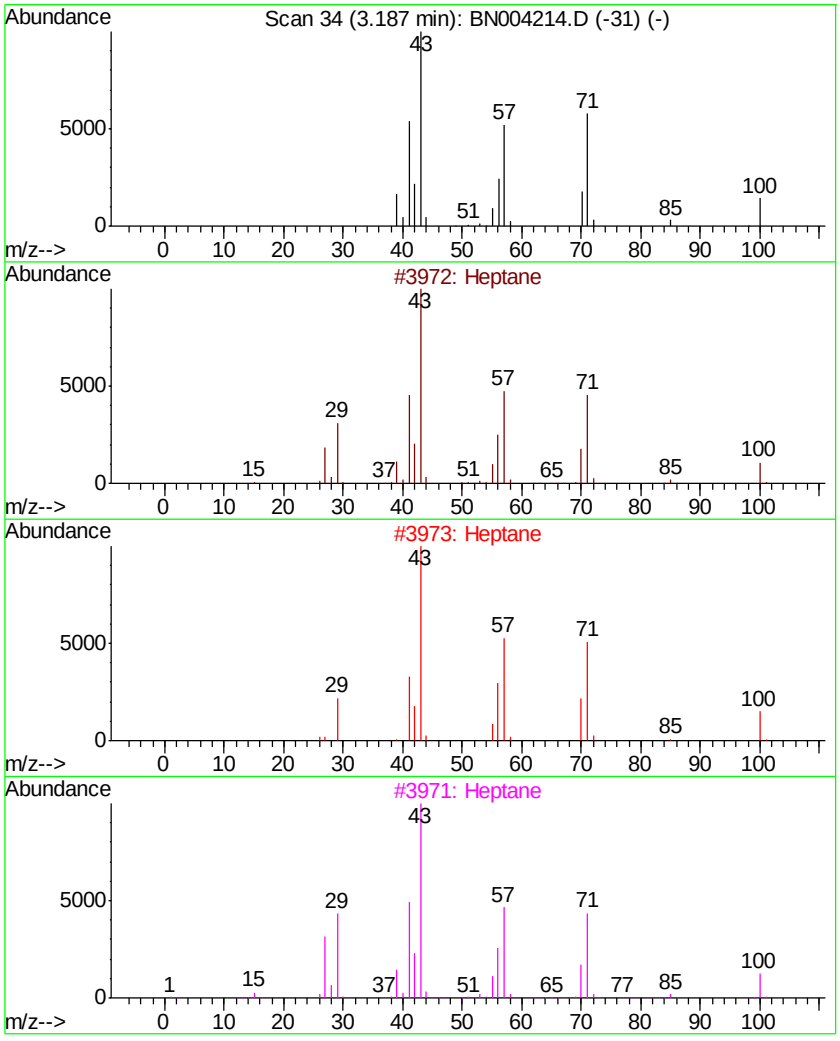
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

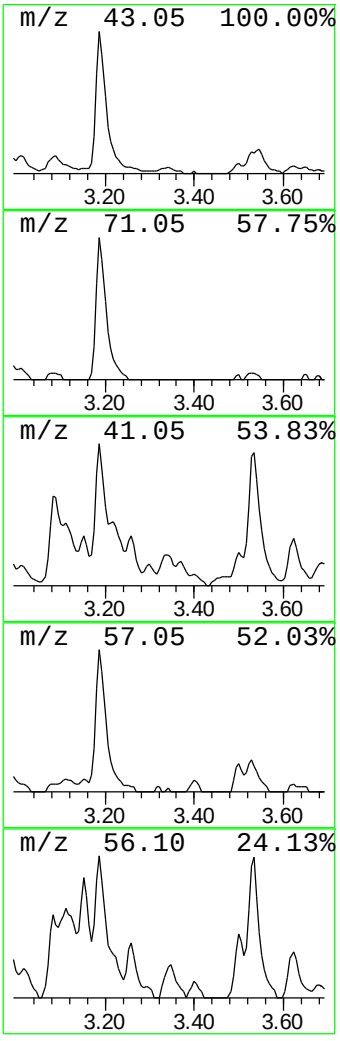
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	10.55 ng/ul	131720	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	81
4	Heptane	100	C7H16	000142-82-5	74
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122618\
Data File : BN004214.D
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Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

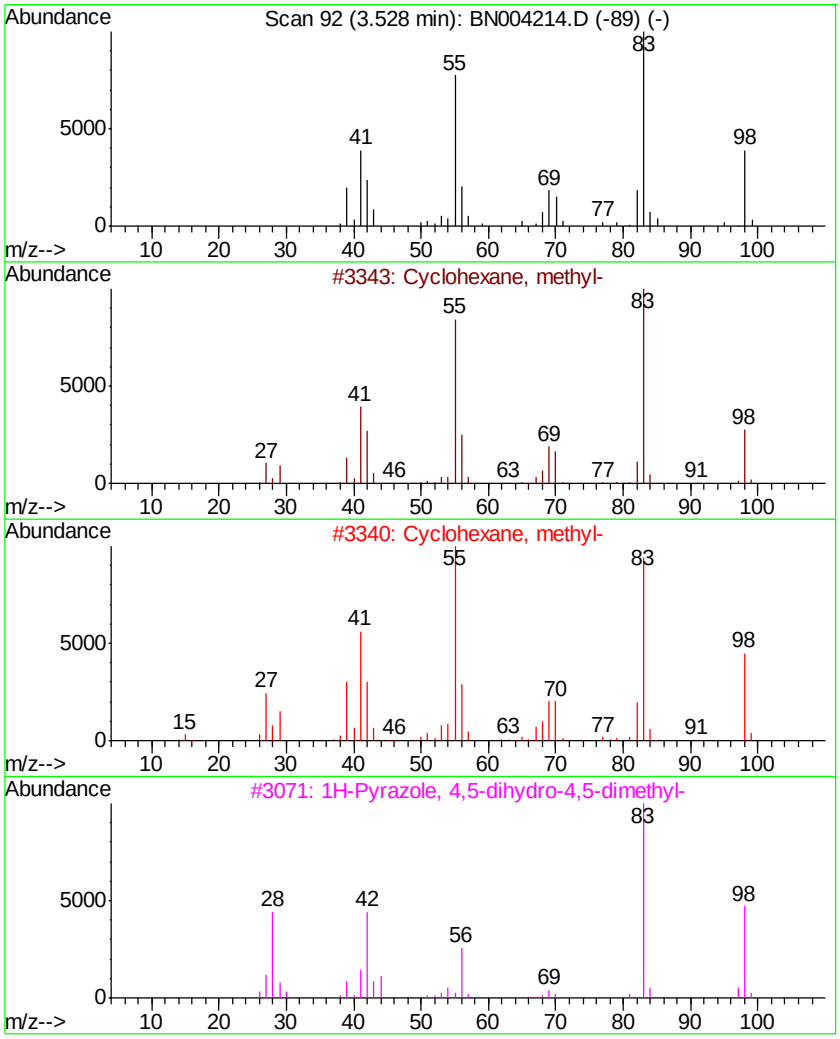
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

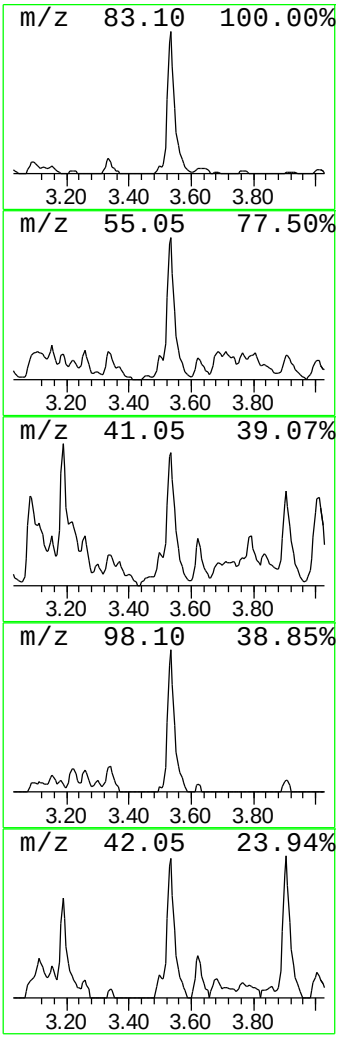
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	19.65 ng/ul	245389	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	81
3	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	64
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	64
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	59





Library Search Compound Report

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Data File : BN004214.D
Acq On : 26 Dec 2018 21:50
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

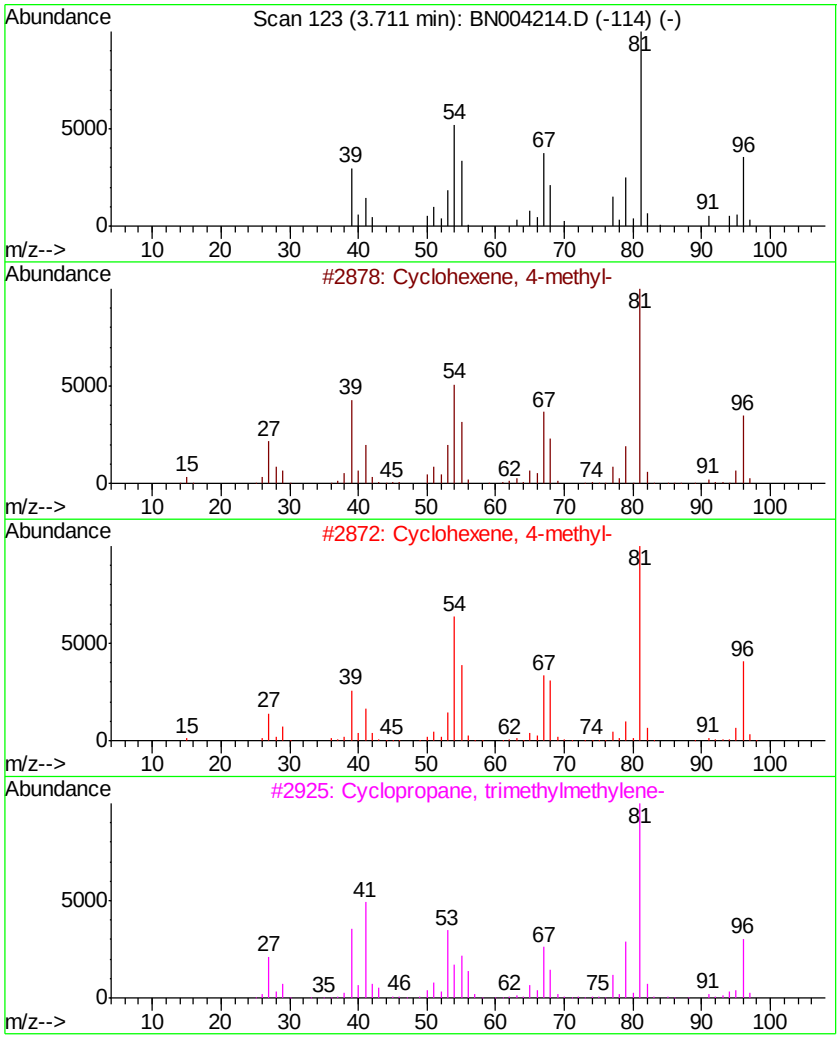
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

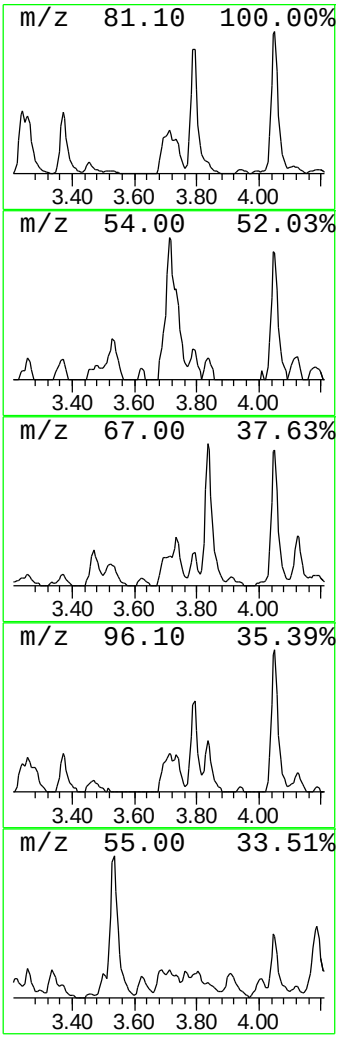
****

Peak Number 4 Cyclohexene, 4-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	10.05 ng/ul	125498	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	94
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	80
3	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	74
4	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	72
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122618\
Data File : BN004214.D
Acq On : 26 Dec 2018 21:50
Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

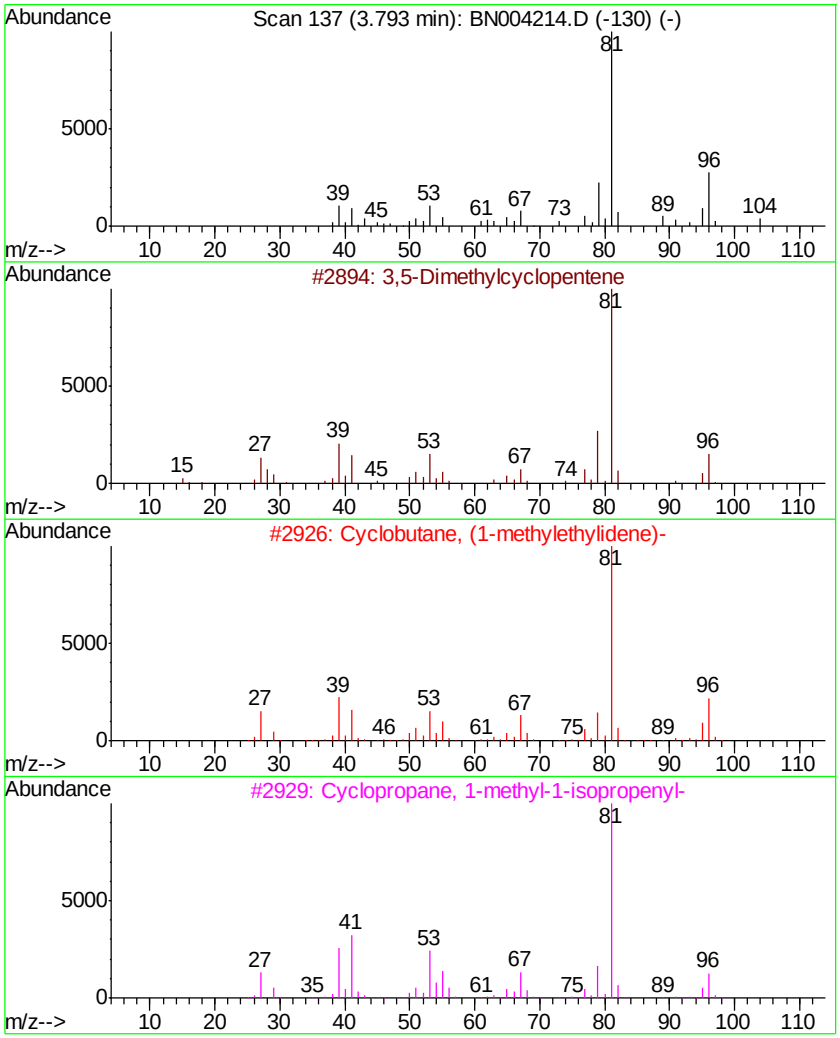
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

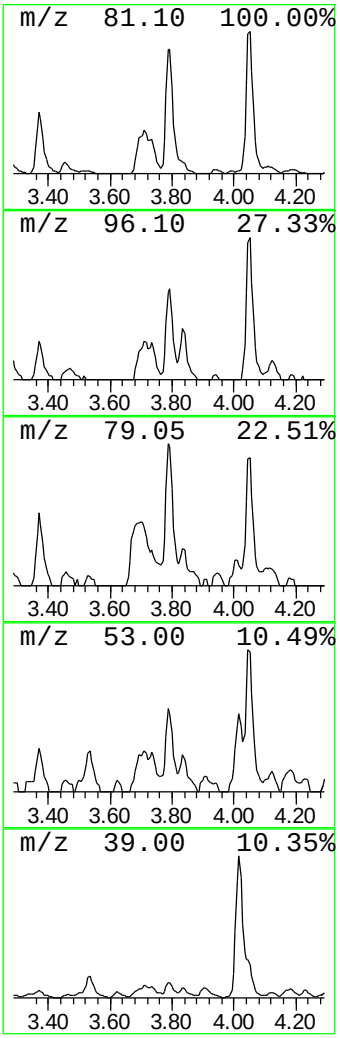
****

Peak Number 5 3,5-Dimethylcyclopentene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	15.57 ng/ul	194397	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	80
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	64
3	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	64
4	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	64
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	59





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Operator : JU/SJ
Sample : J6489-12
Misc :
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Instrument : BNA_N
ClientSampleId : F9F55

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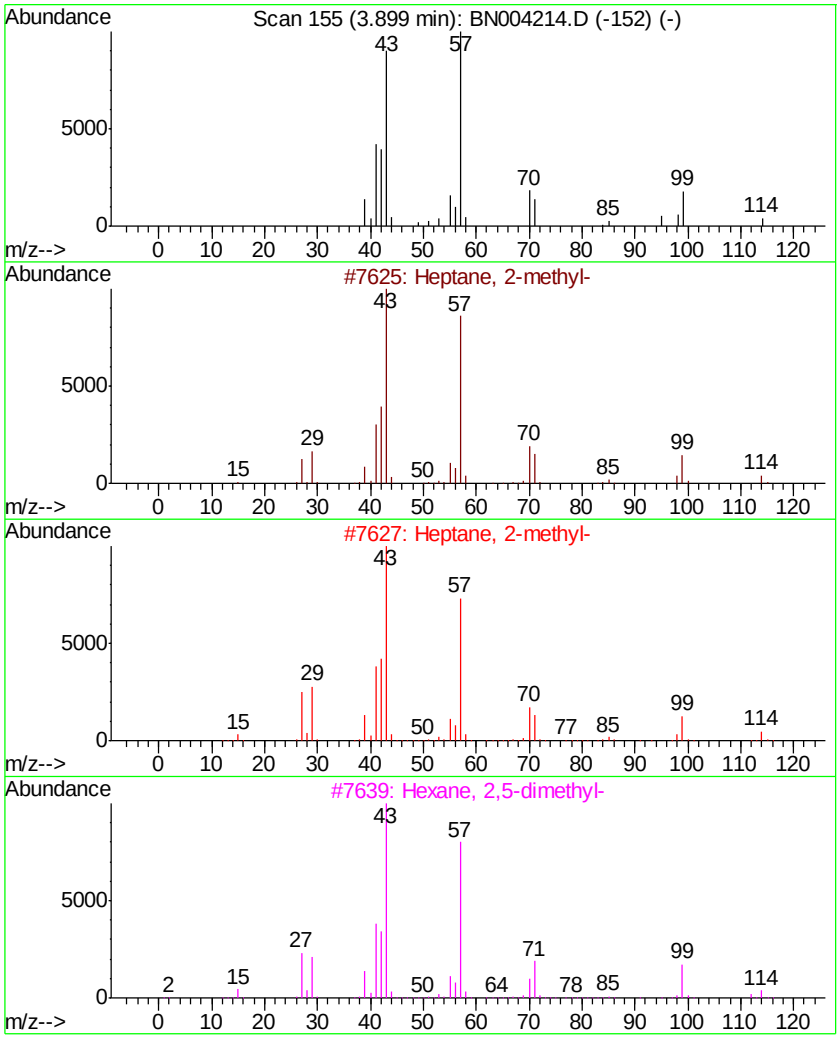
Quant Title : SVOA CALIBRATION

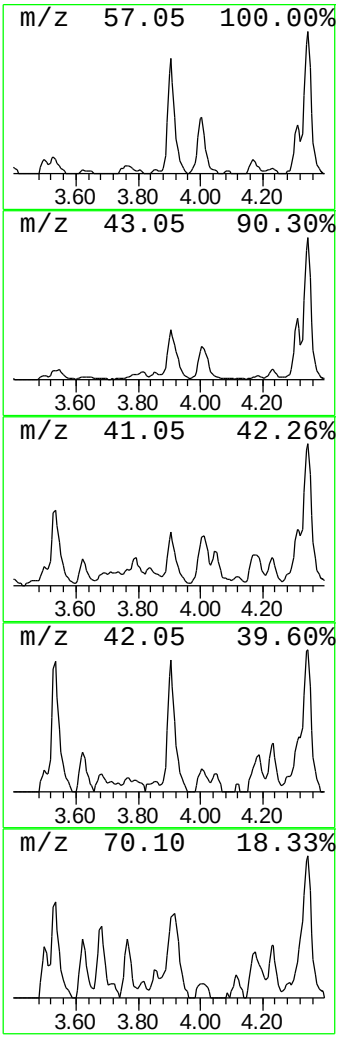
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	11.79 ng/ul	147232	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	74
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	50
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50





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Quant Title : SVOA CALIBRATION

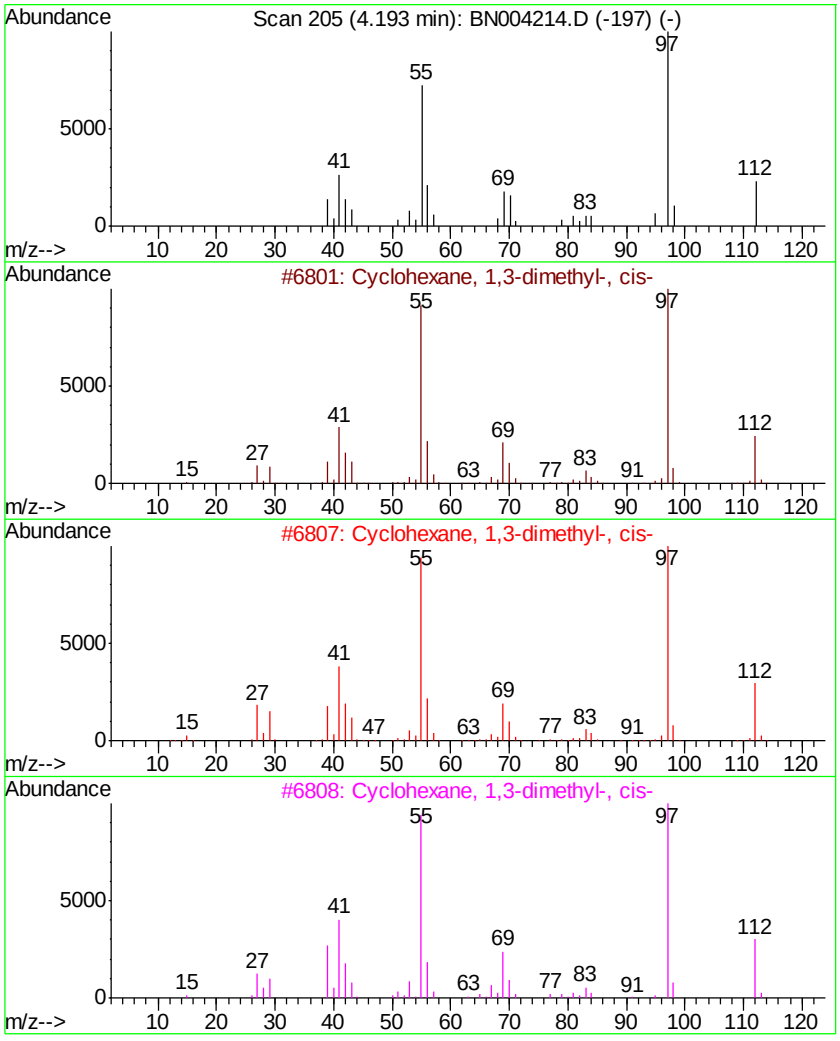
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

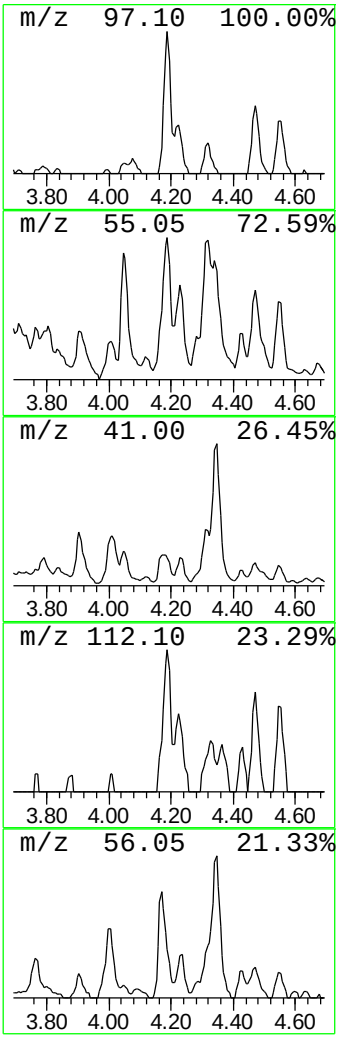
****

Peak Number 8 (DEL) Alkane: Cyclic4.19 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	8.94 ng/ul	111685	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	80
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	80





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Instrument : BNA_N
ClientSampleId : F9F55

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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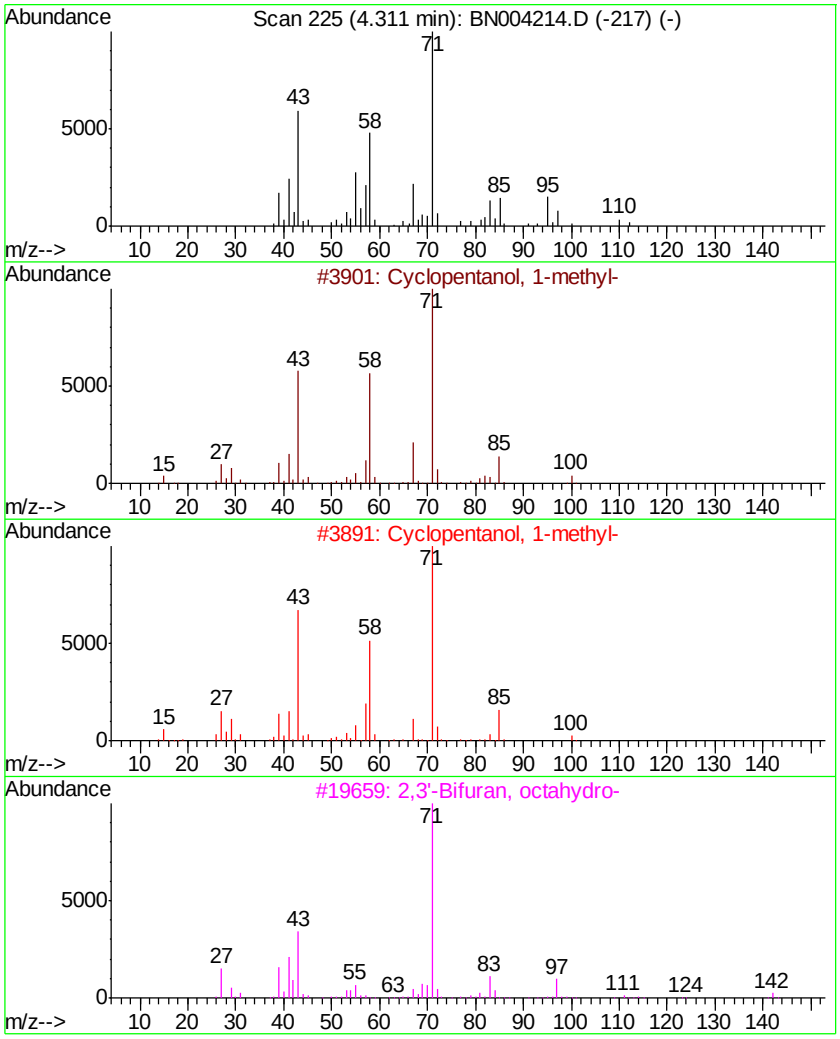
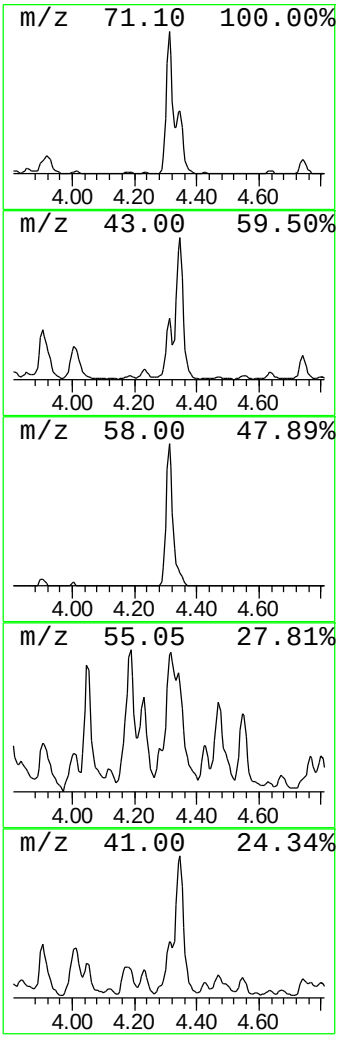
Peak Number 9 Cyclopentanol, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.31	21.39 ng/ul	267116	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	64
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	59
3	2,3'-Bifuran, octahydro-	142	C8H14O2	073373-15-6	43
4	Oxirane, butyl-	100	C6H12O	001436-34-6	43
5	Ether, methyl 1-octadecenyl	282	C19H38O	026537-06-4	42





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Misc :
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Instrument : BNA_N
ClientSampleId : F9F55

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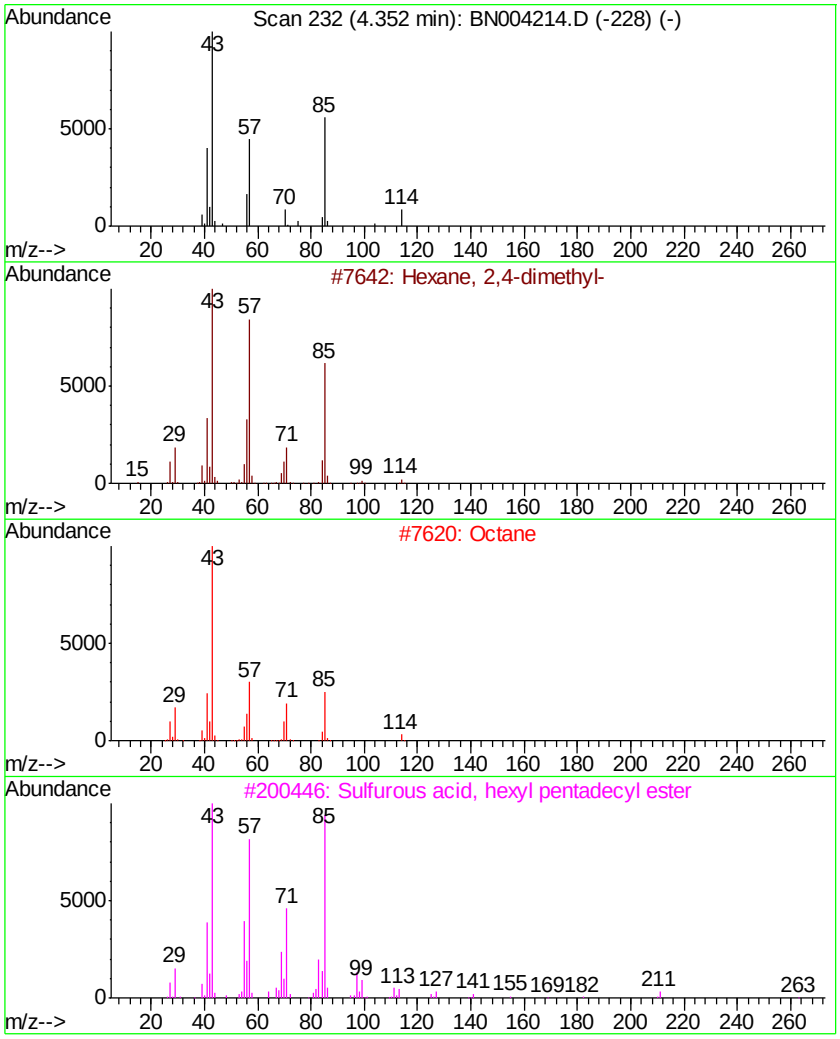
Quant Title : SVOA CALIBRATION

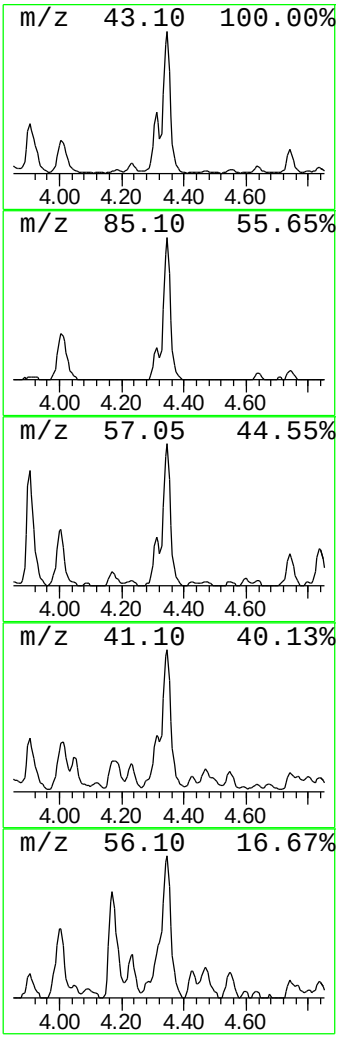
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	22.80 ng/ul	284802	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	90
2	Octane	114	C8H18	000111-65-9	78
3	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	64
4	Octane	114	C8H18	000111-65-9	53
5	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	50





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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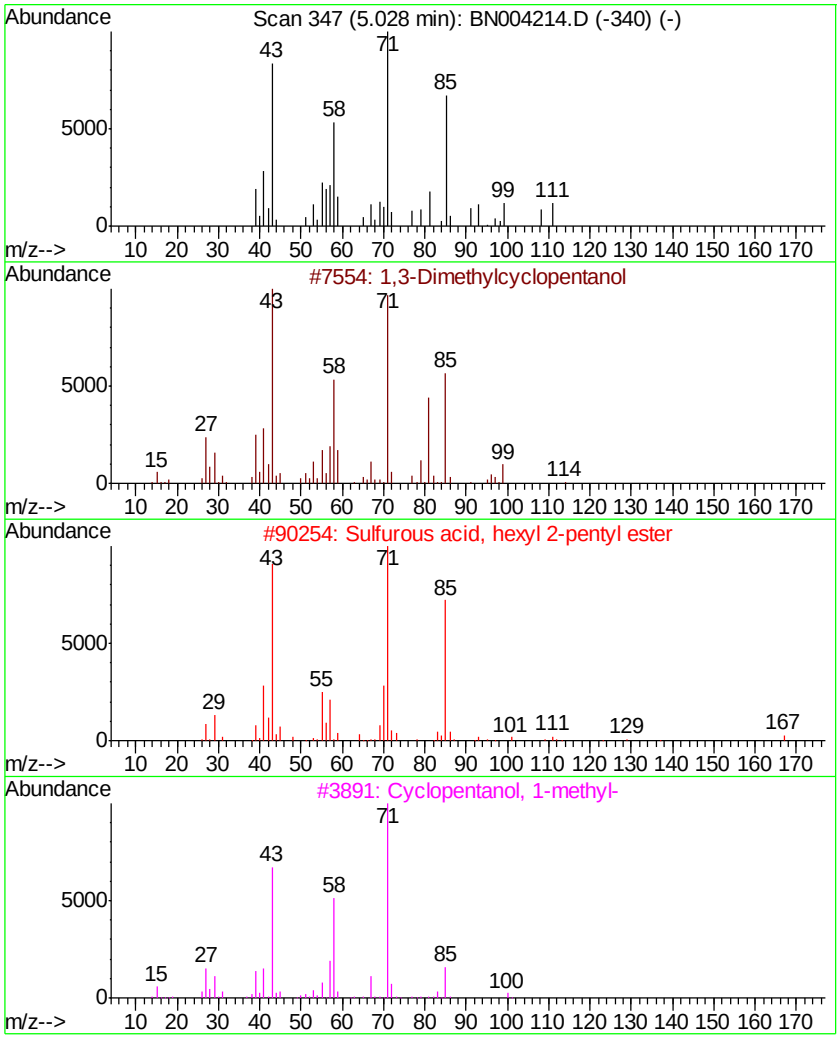
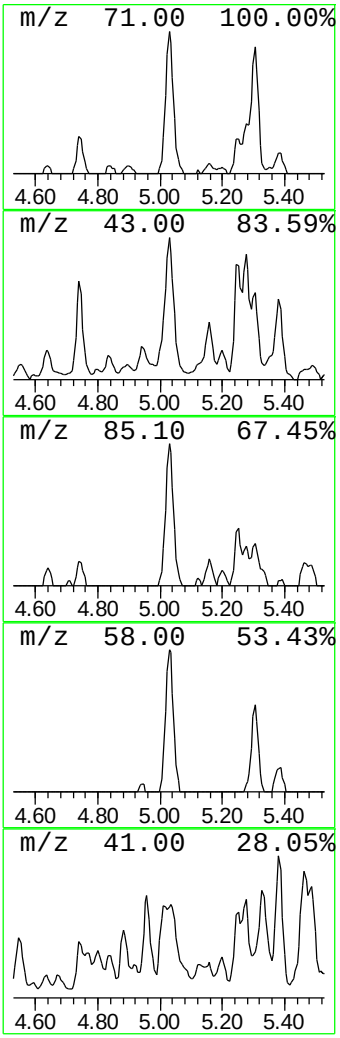
Peak Number 11 1,3-Dimethylcyclopentanol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	20.14 ng/ul	251579	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64
2	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	43
3	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	40
4	2-Nonanone	142	C9H18O	000821-55-6	38
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38





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Quant Title : SVOA CALIBRATION

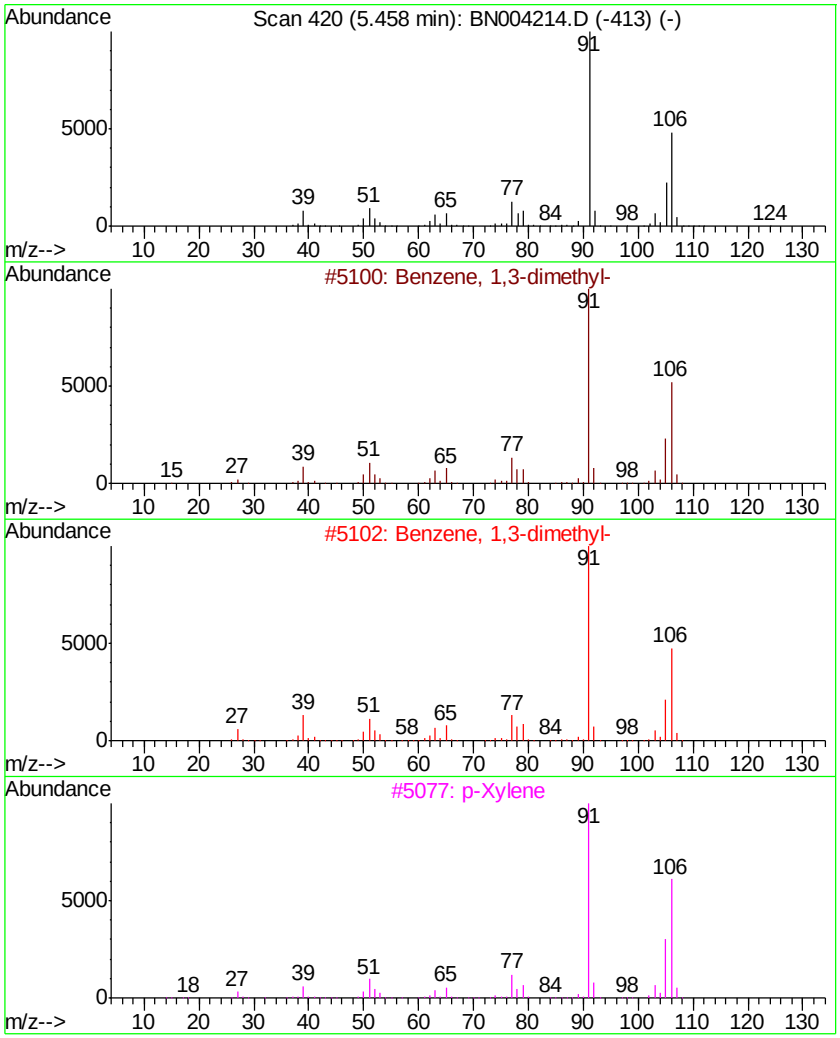
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

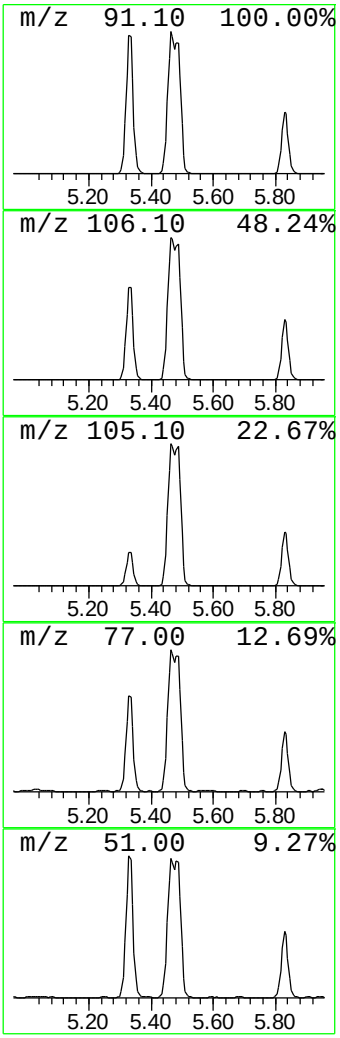
****

Peak Number 13 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	204.06 ng/ul	2548490	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	o-Xylene	106	C8H10	000095-47-6	97
5	p-Xylene	106	C8H10	000106-42-3	97





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Misc :
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Instrument : BNA_N
ClientSampleId : F9F55

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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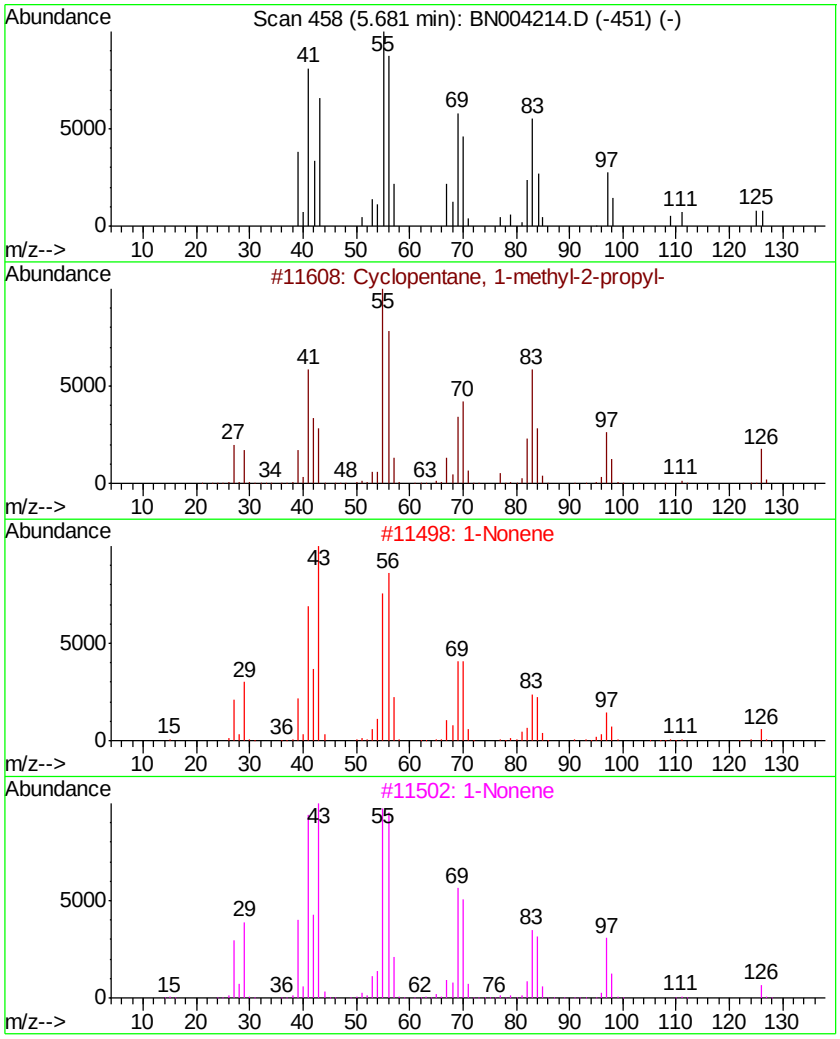
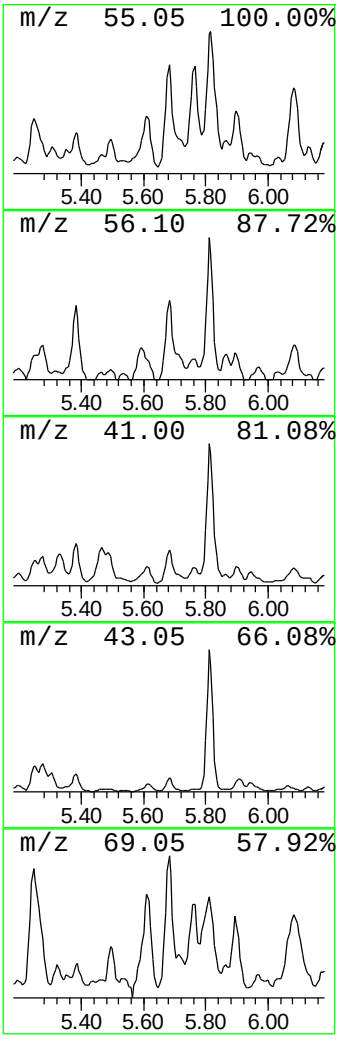
Peak Number 14 Cyclopentane, 1-methyl-2-pr... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	10.18 ng/ul	127144	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	91
2	1-Nonene	126	C9H18	000124-11-8	81
3	1-Nonene	126	C9H18	000124-11-8	76
4	1-Heptene	98	C7H14	000592-76-7	55
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	49





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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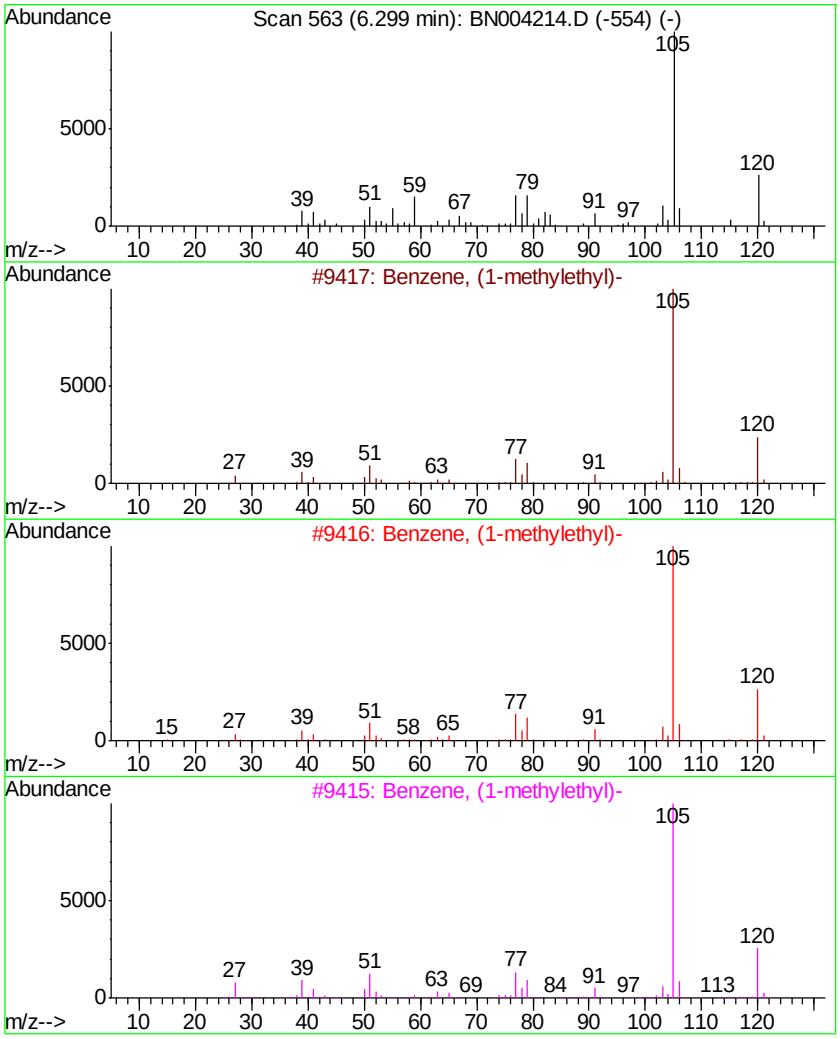
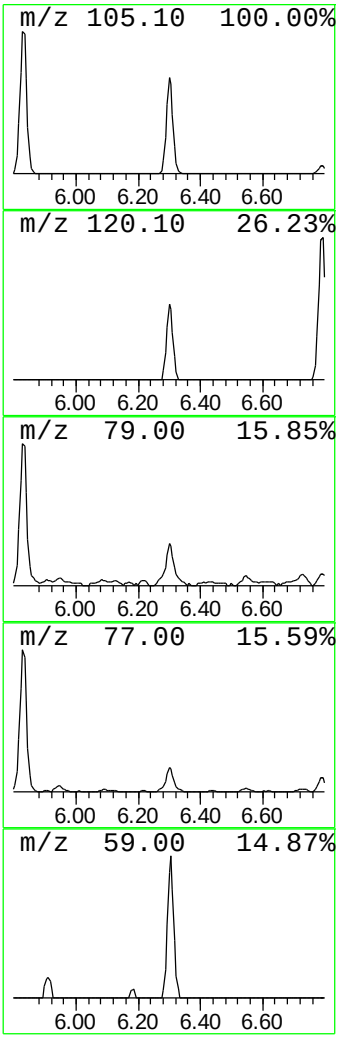
Peak Number 16 Benzene, (1-methylethyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	17.10 ng/ul	213522	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	62
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	52





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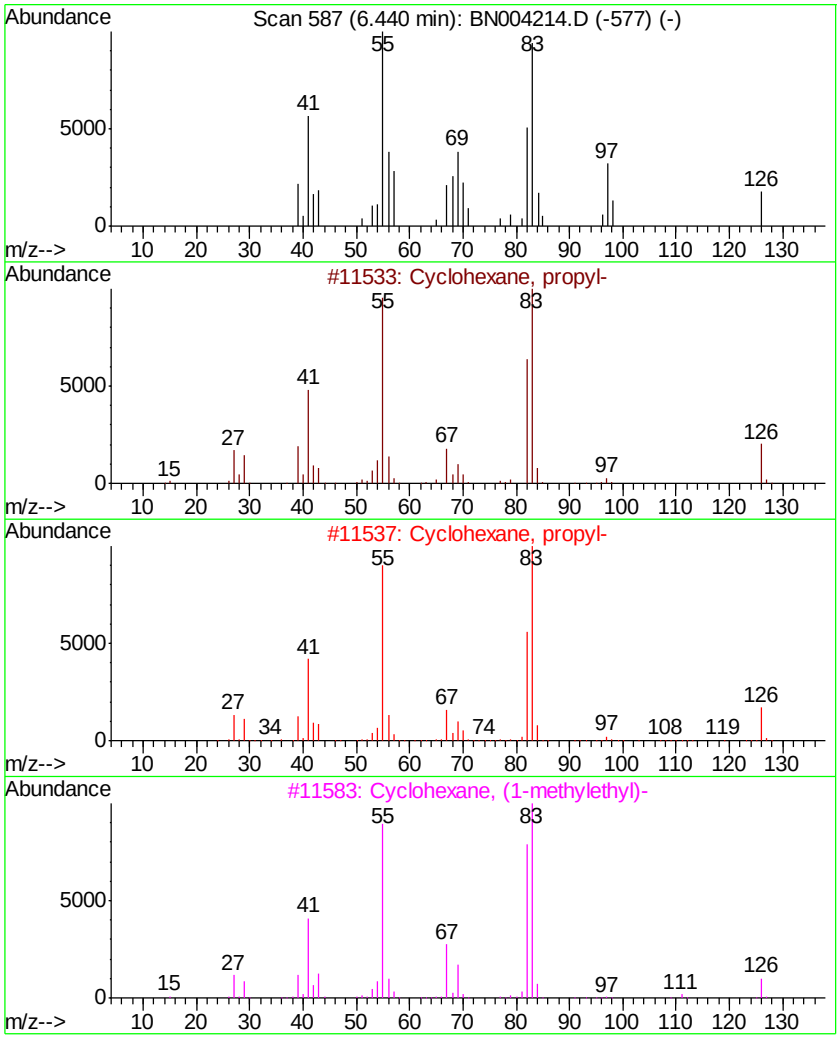
Quant Title : SVOA CALIBRATION

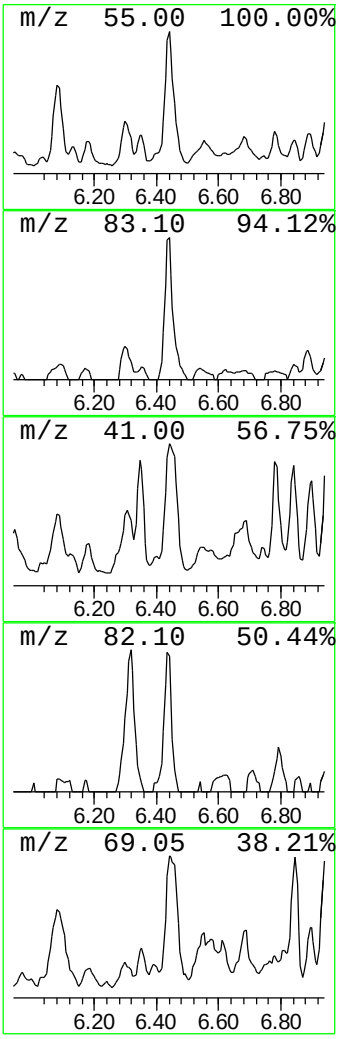
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic6.44 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	14.10 ng/ul	176053	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	52
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	47
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
4	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	38
5	4-Undecene, 6-methyl-	168	C12H24	1000061-85-4	27





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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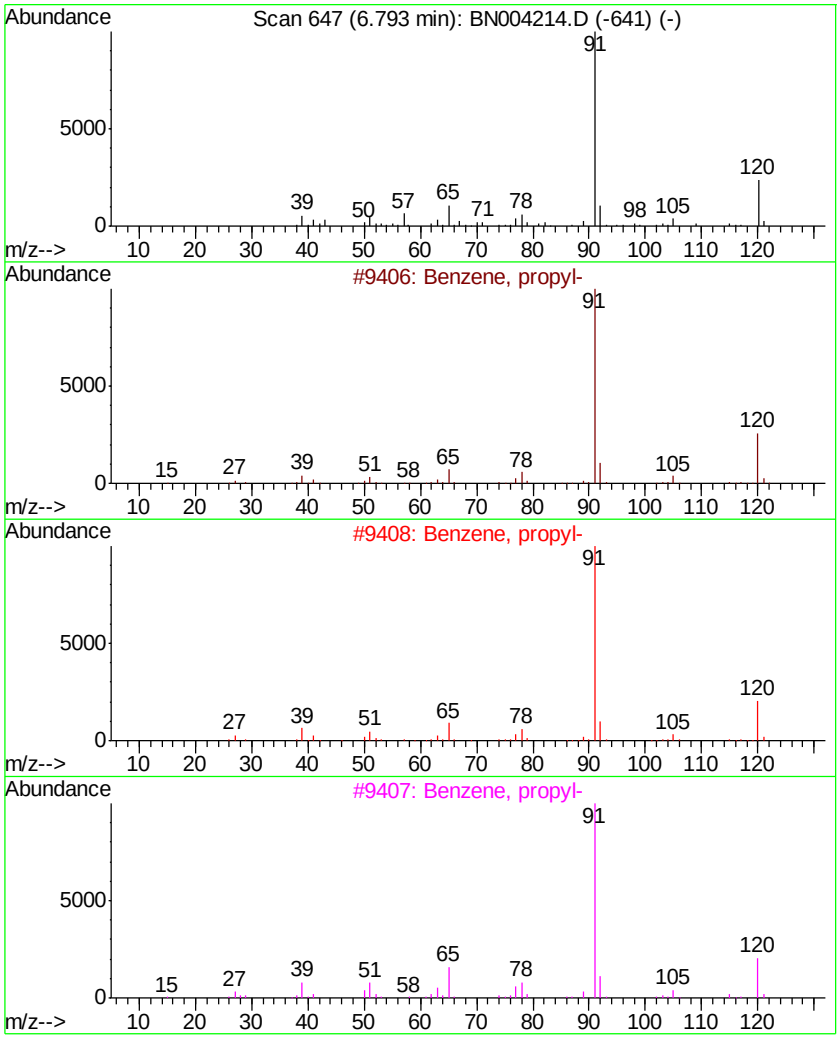
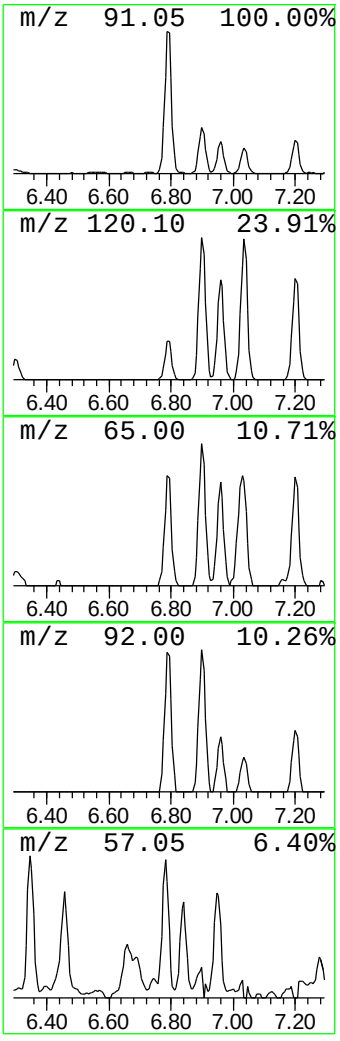
Peak Number 18 Benzene, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	21.65 ng/ul	270362	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	56.83 ng/ul	709760	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
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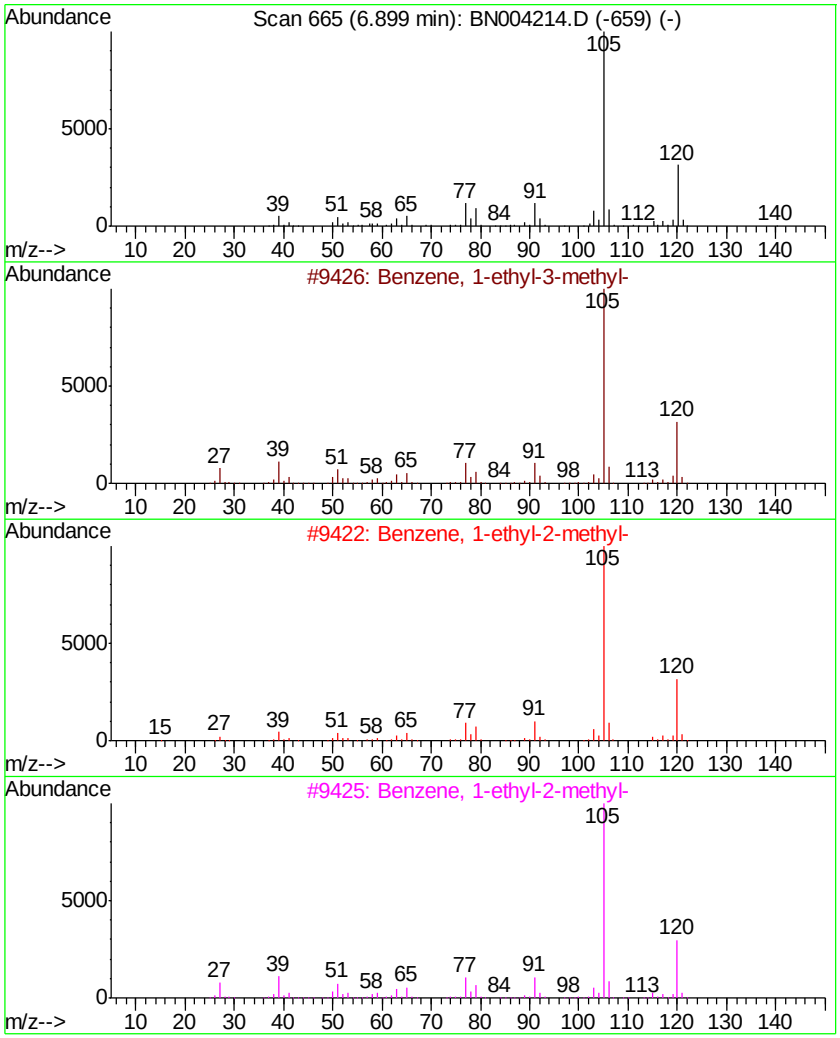

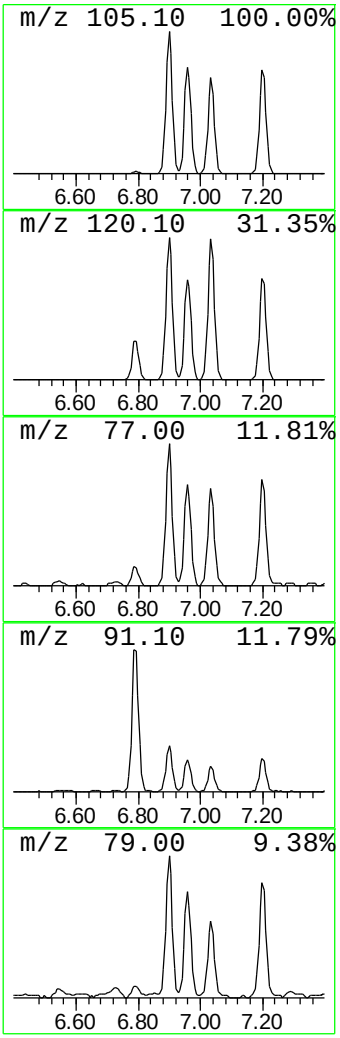

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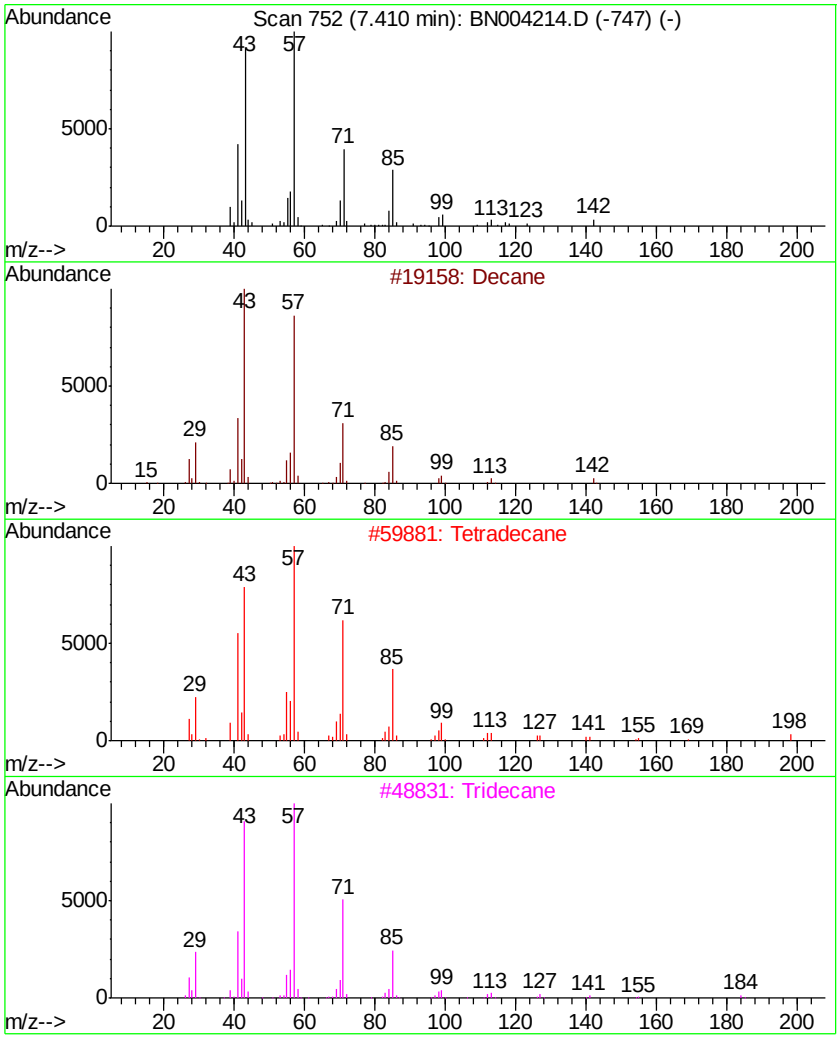
Quant Title : SVOA CALIBRATION

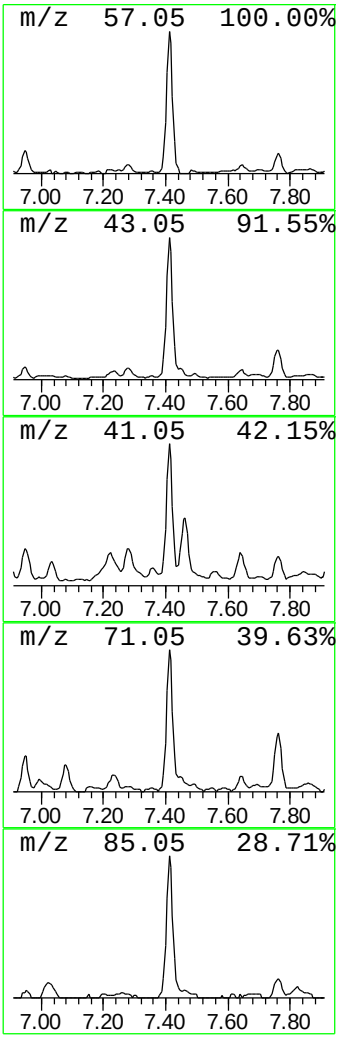
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	24.28 ng/ul	303265	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	93
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	78
4	Hexatriacontane	507	C36H74	000630-06-8	78
5	Undecane	156	C11H24	001120-21-4	78





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Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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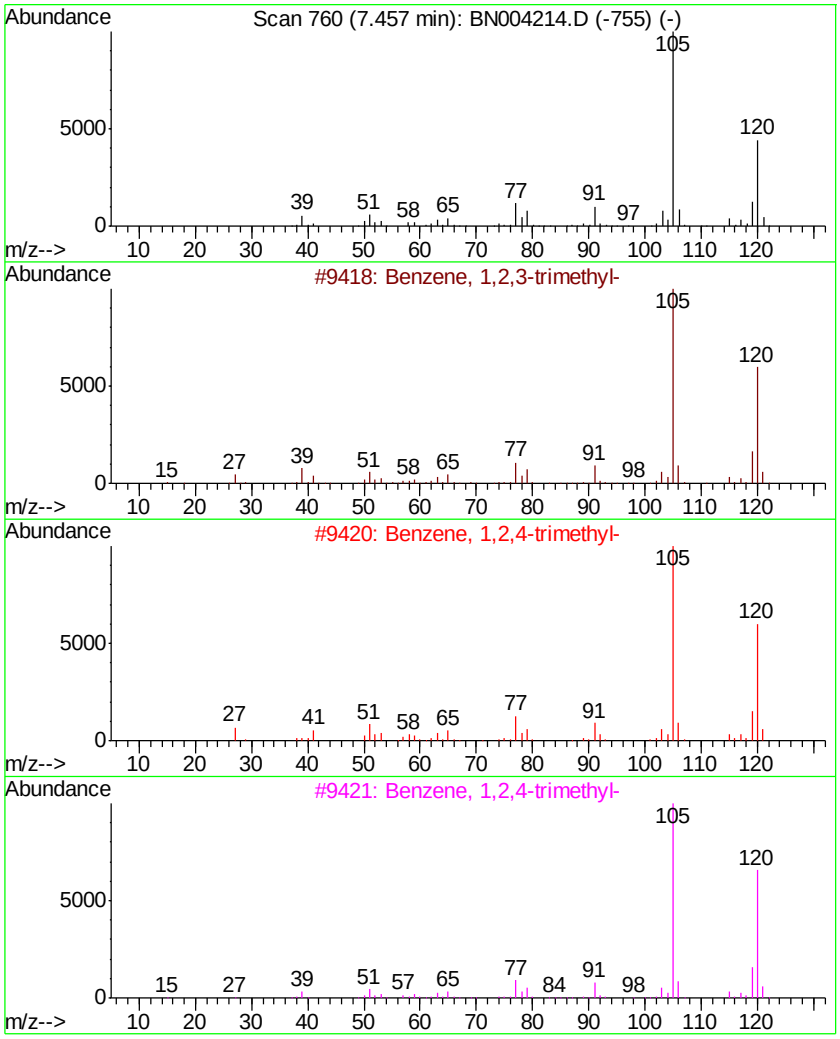
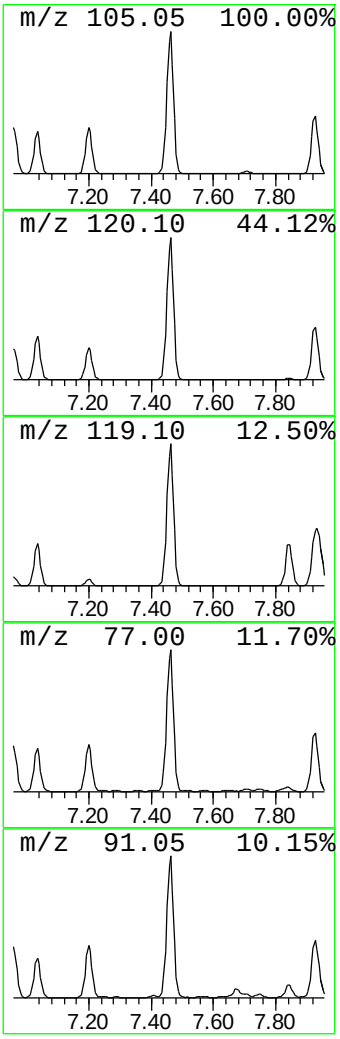
Peak Number 21 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	148.28 ng/ul	1851890	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





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Instrument : BNA_N
ClientSampleId : F9F55

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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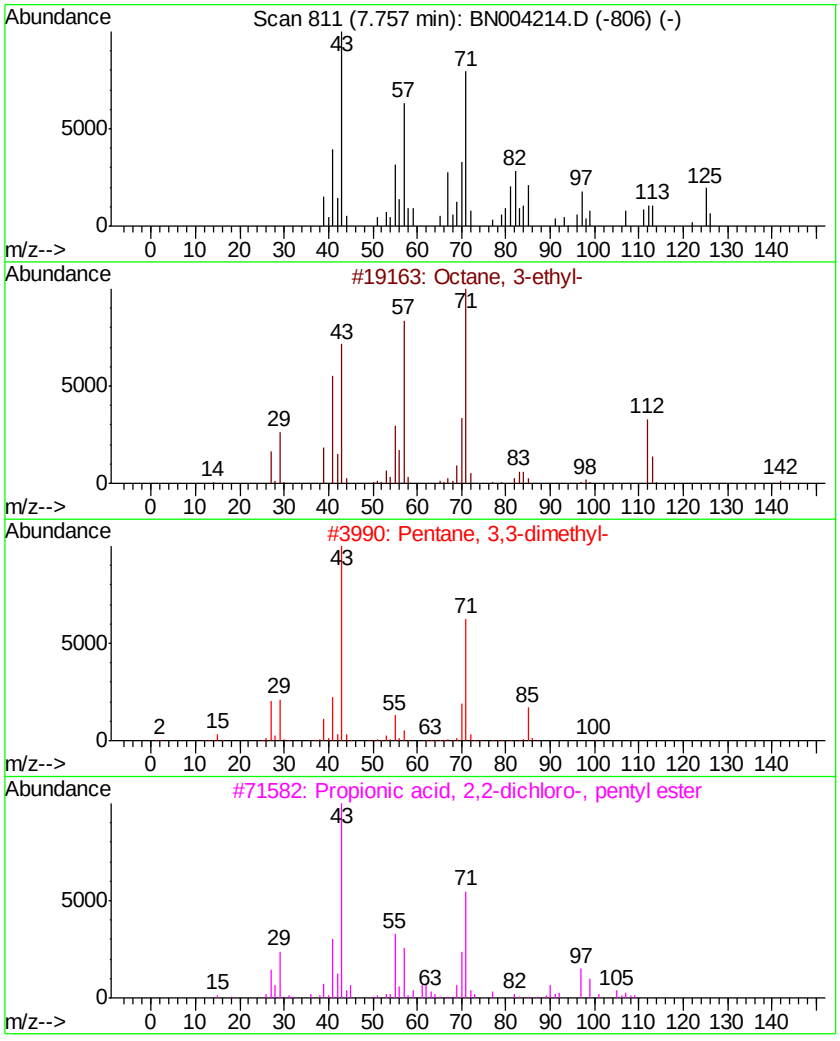
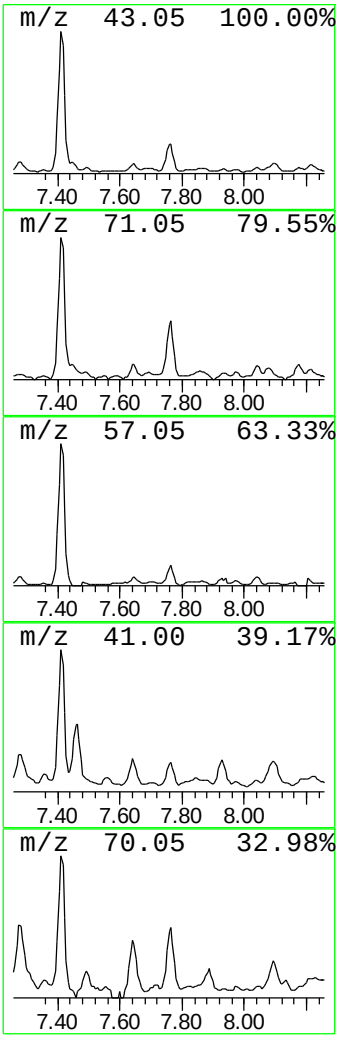
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	9.08 ng/ul	113352	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	43
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	43
3	Propionic acid, 2,2-dichloro-, p...	212	C8H14Cl2O2	017640-08-3	38
4	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	38
5	Octane, 4-bromo-	192	C8H17Br	000999-06-4	35





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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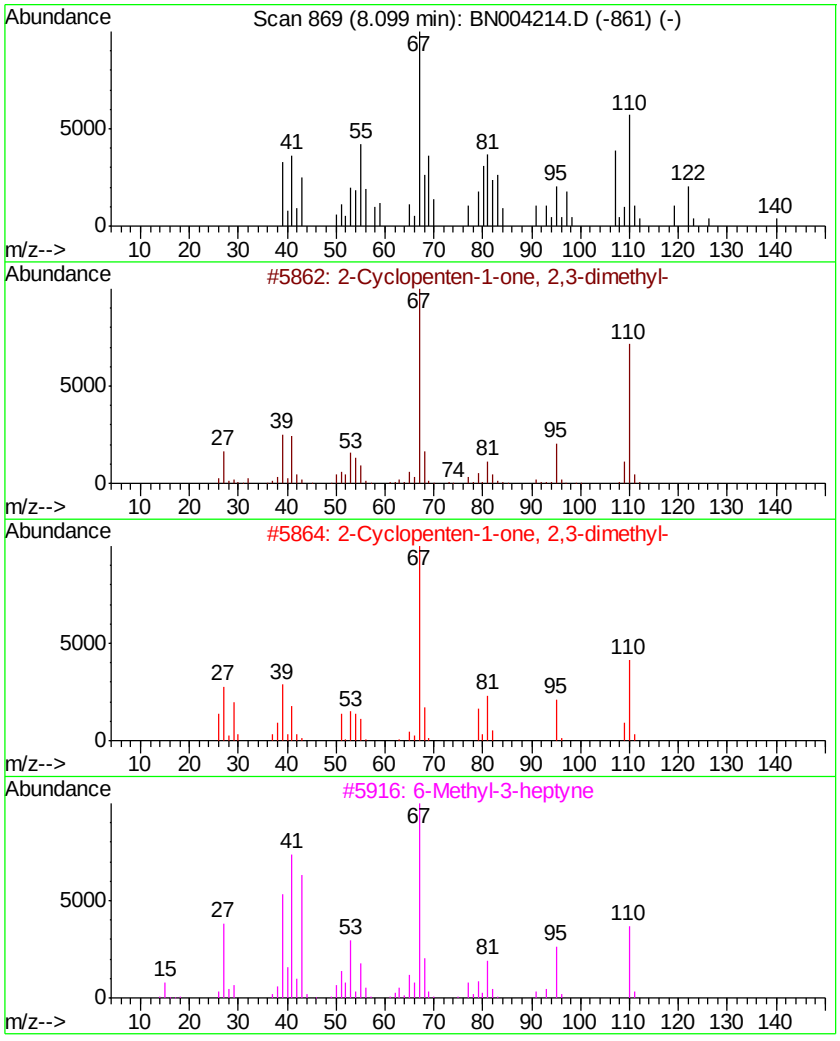
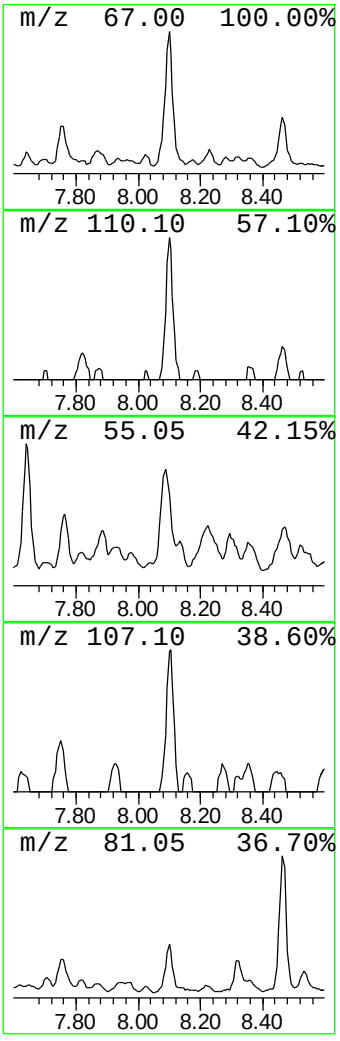
Peak Number 24 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	14.39 ng/ul	179717	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	47
2	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	46
3	6-Methyl-3-heptyne	110	C8H14	054050-92-9	41
4	2,4-Hexadiene	82	C6H10	000592-46-1	18
5	trans-1,4-Hexadiene	82	C6H10	007319-00-8	18





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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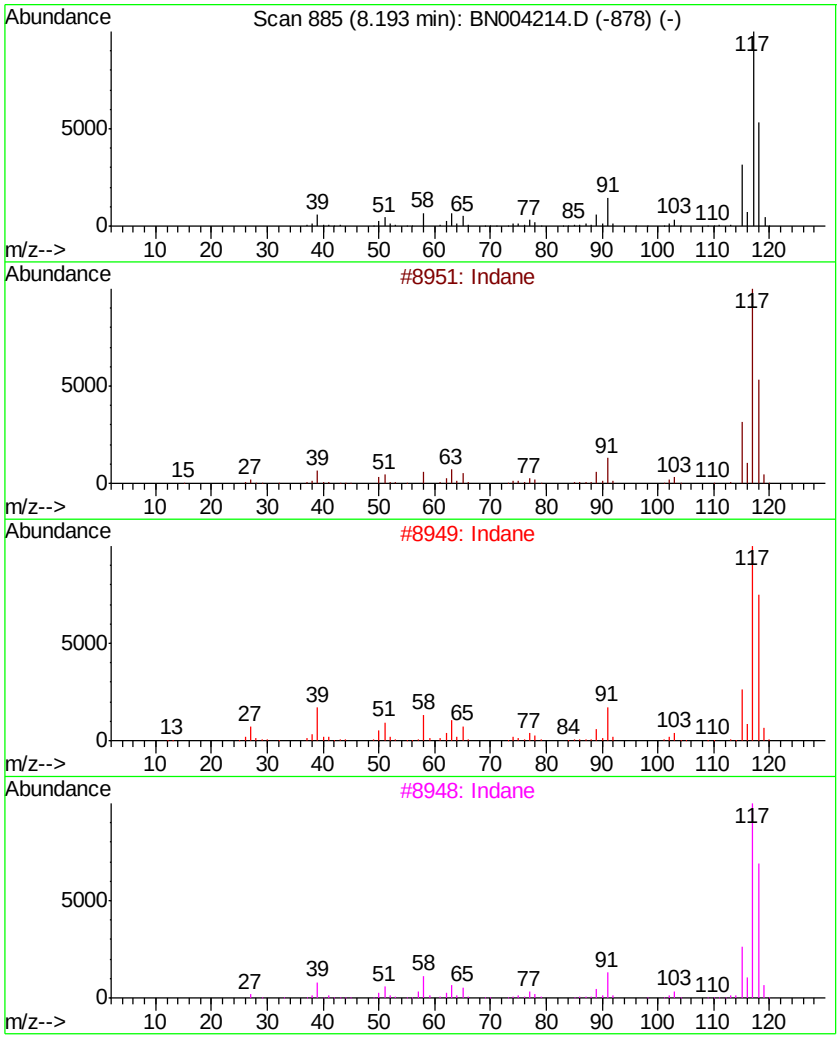
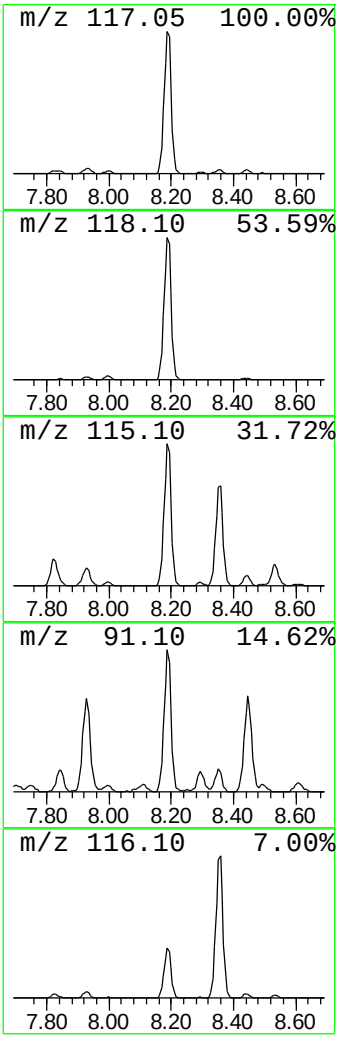
Peak Number 25 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	69.33 ng/ul	865816	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	83
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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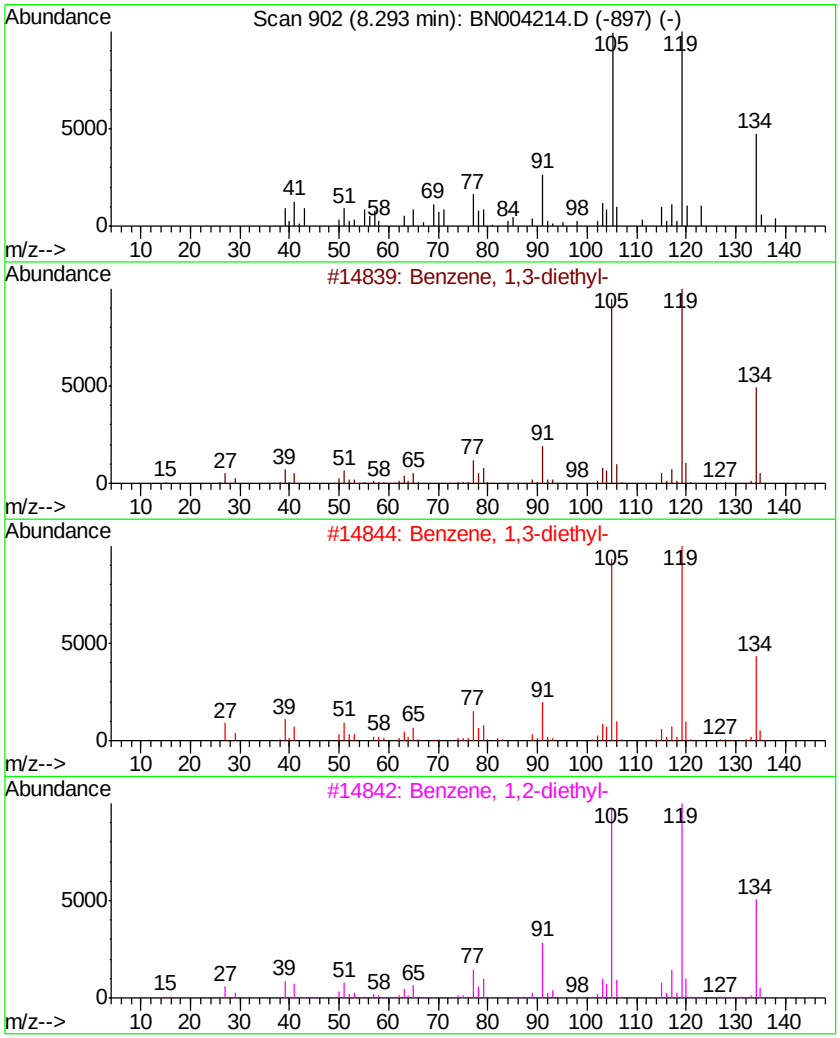
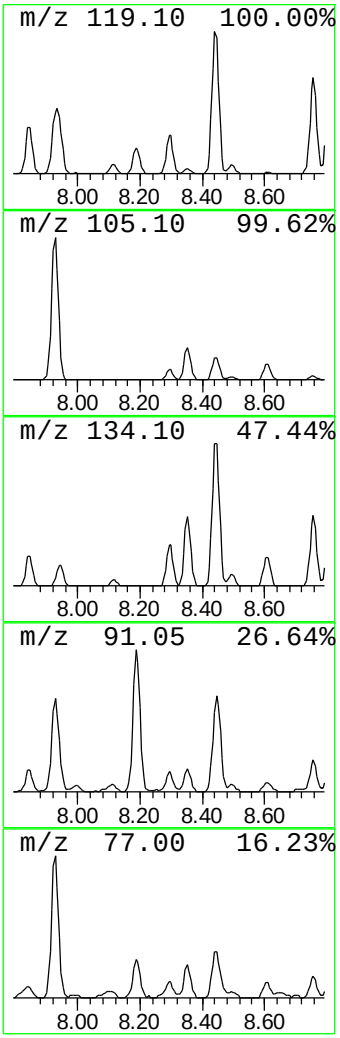
Peak Number 26 Benzene, 1,3-diethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	12.00 ng/ul	149871	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93





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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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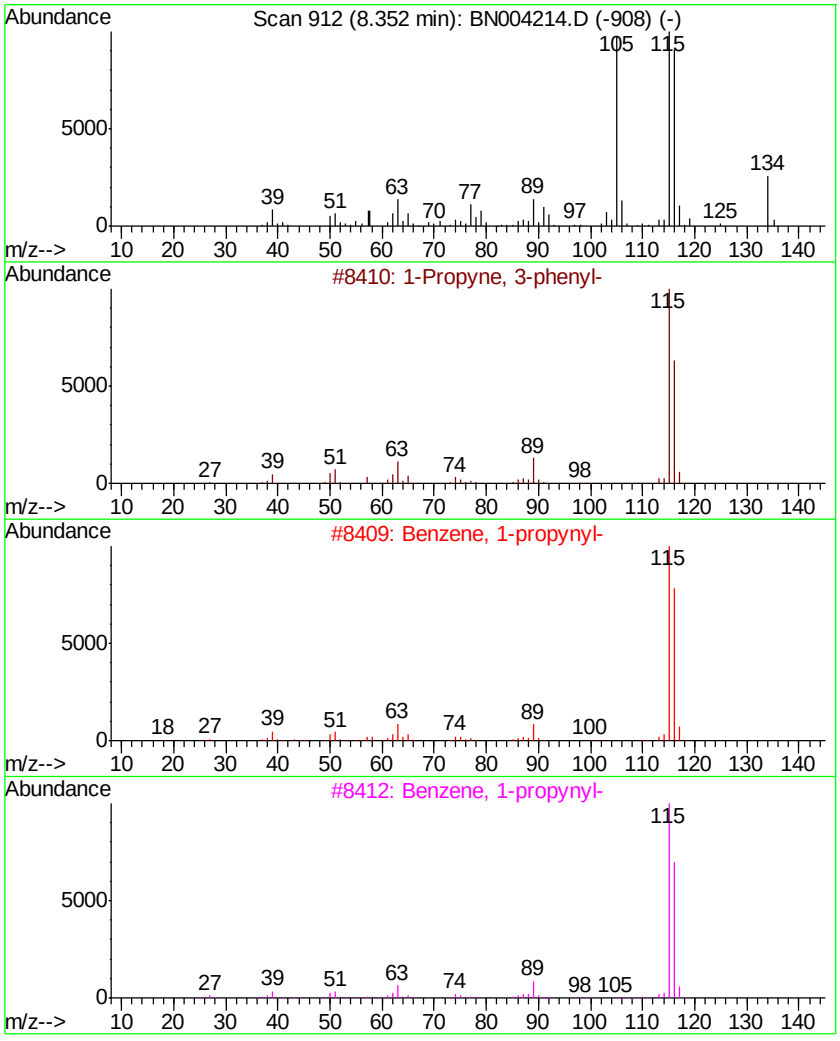
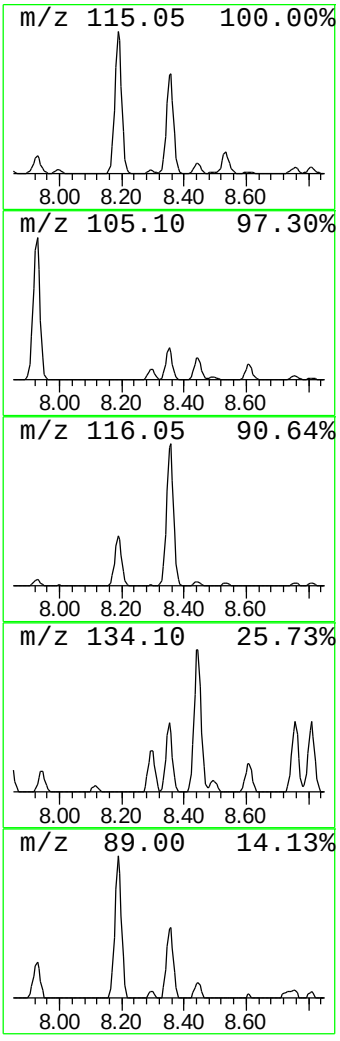
Peak Number 27 1-Propyne, 3-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	30.21 ng/ul	377317	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
4	Indene	116	C9H8	000095-13-6	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	89





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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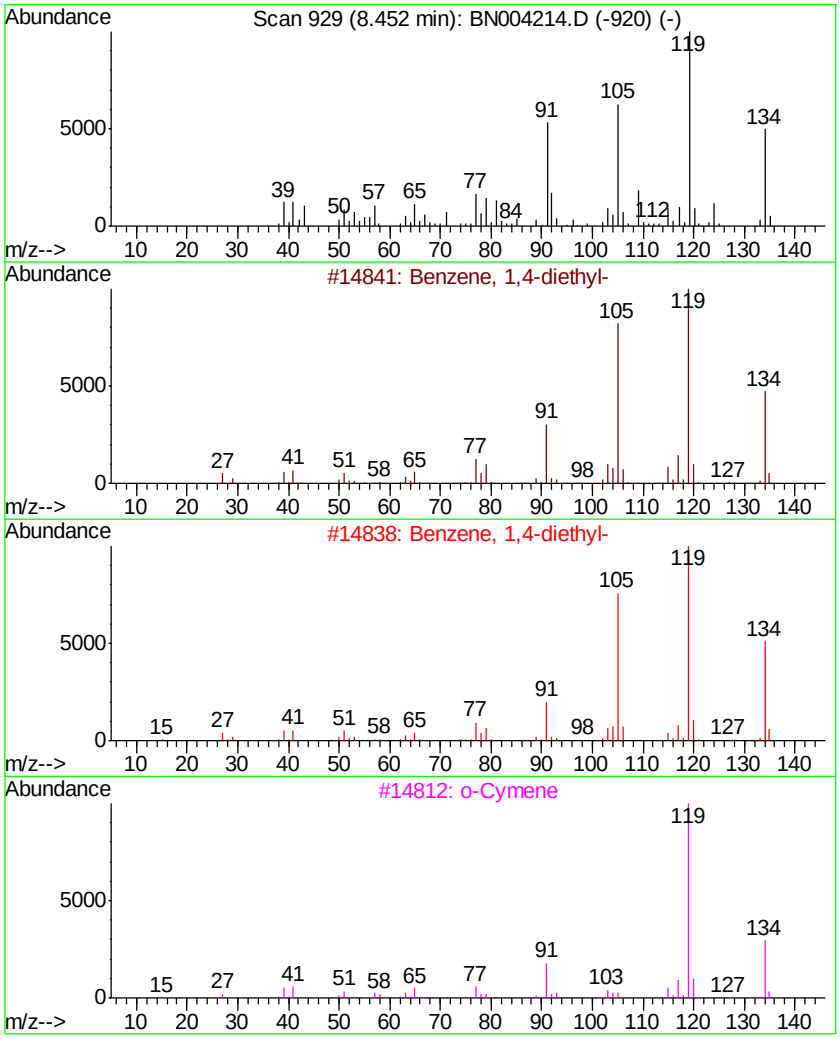
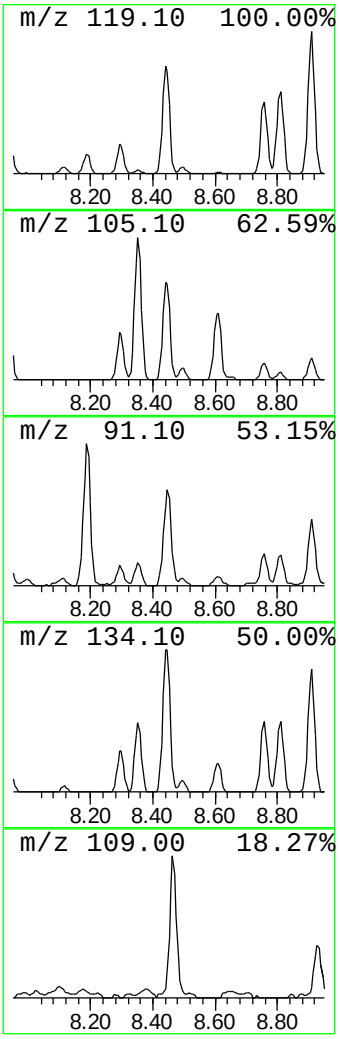
Peak Number 28 Benzene, 1,4-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	41.70 ng/ul	520754	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	o-Cymene	134	C10H14	000527-84-4	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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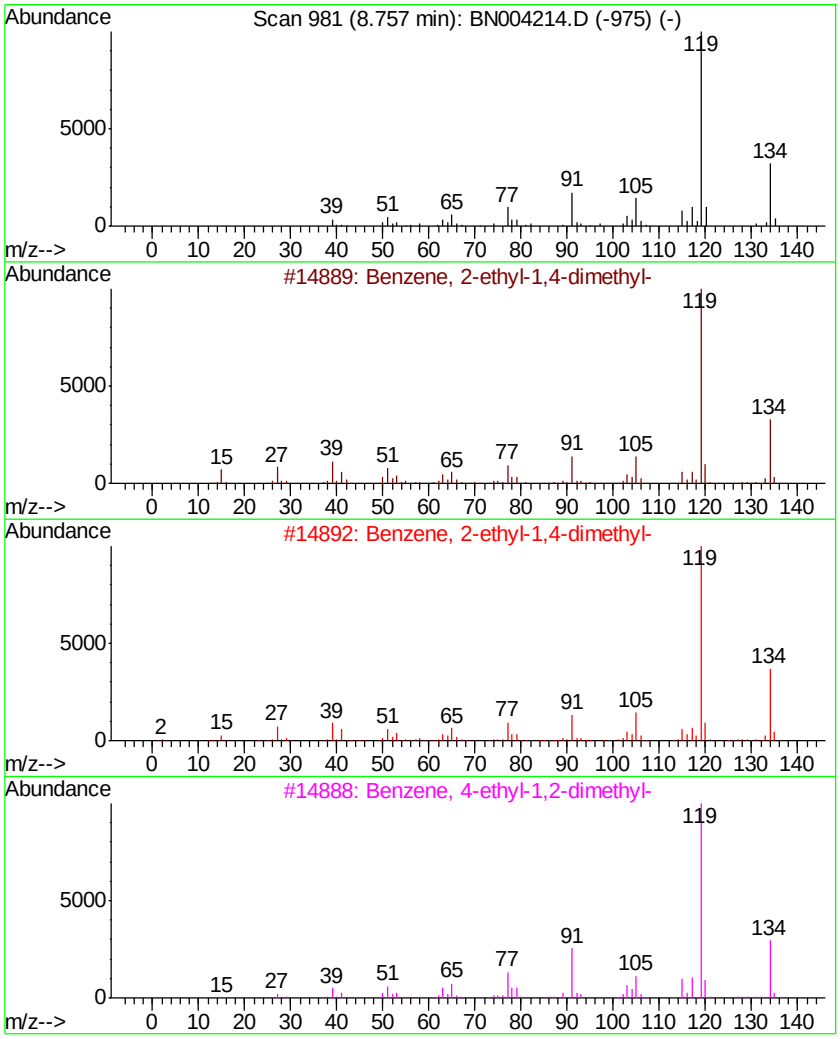
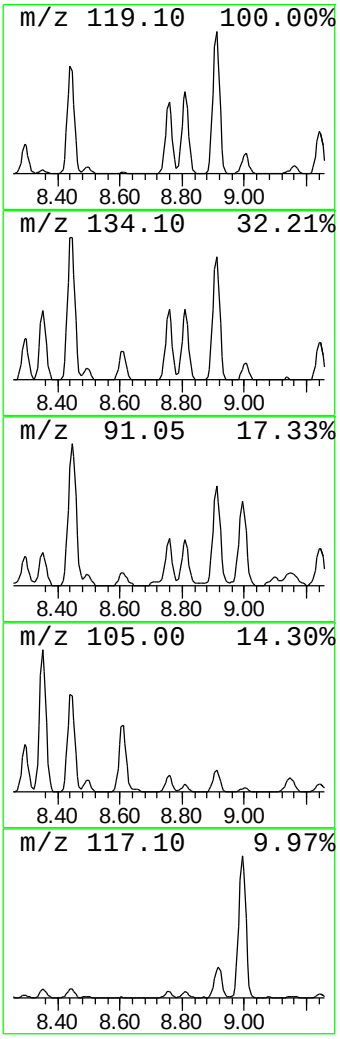
Peak Number 29 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	10.37 ng/ul	129457	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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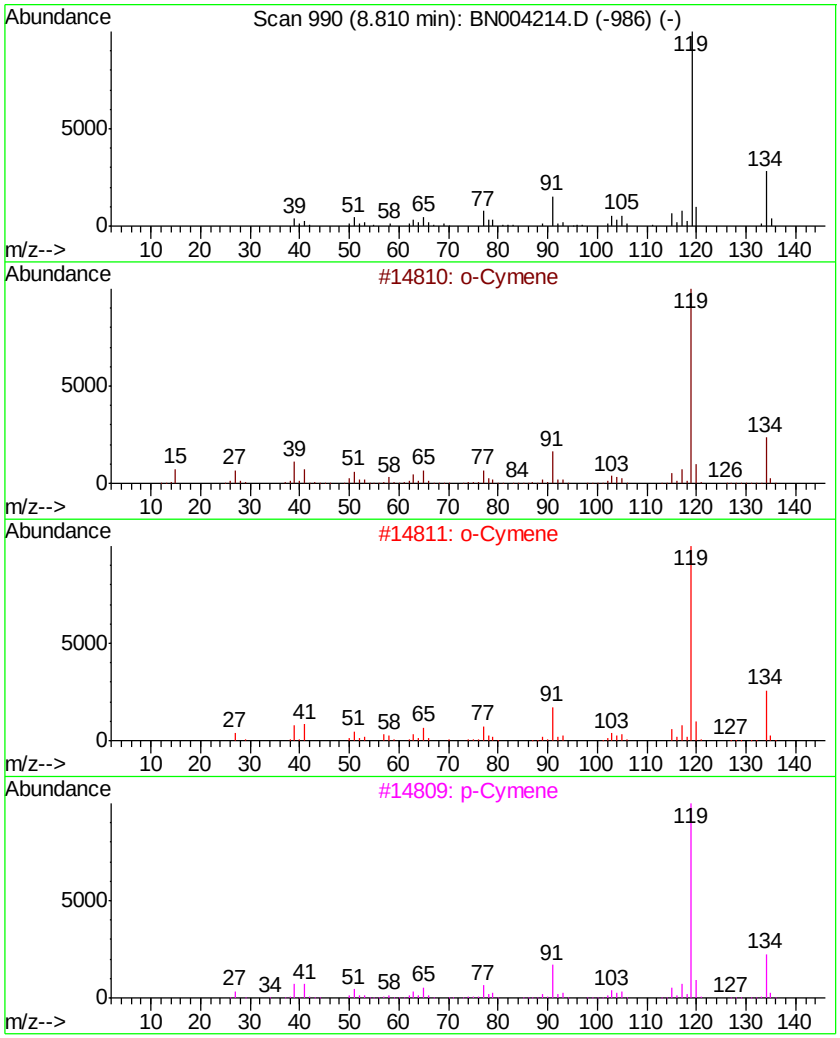
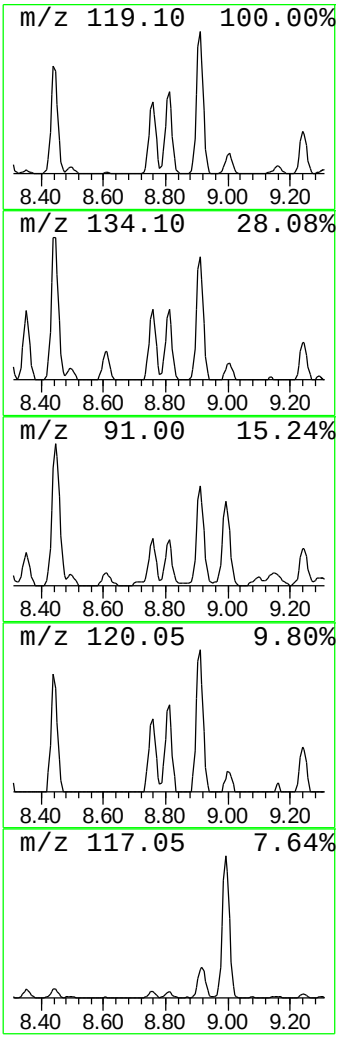
Peak Number 30 o-Cymene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	9.66 ng/ul	120668	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	p-Cymene	134	C10H14	000099-87-6	97
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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TIC Integration Parameters: LSCINT.P

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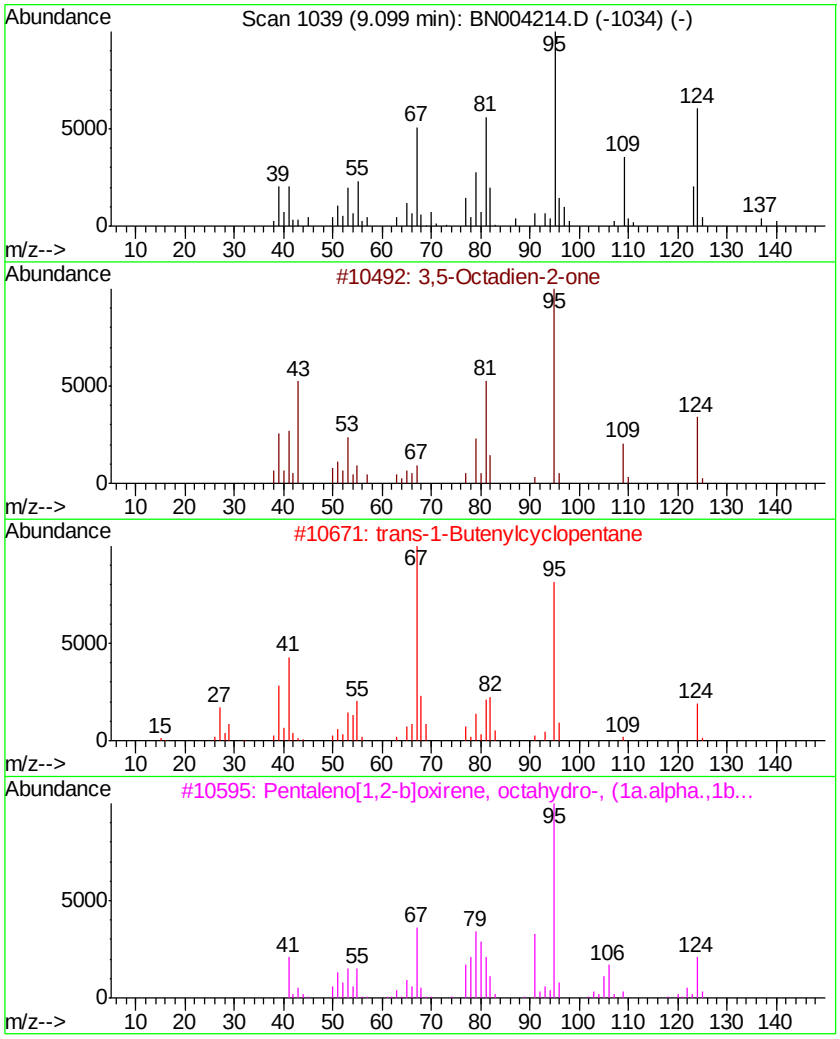
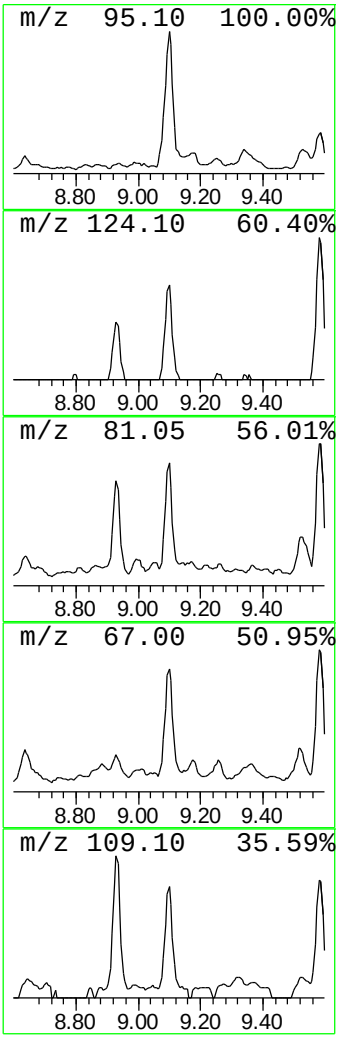
Peak Number 32 3,5-Octadien-2-one Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	9.37 ng/ul	117045	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Octadien-2-one	124	C8H12O	038284-27-4	70
2	trans-1-Butenylcyclopentane	124	C9H16	1000113-50-9	64
3	Pentaleno[1,2-b]oxirene, octahyd...	124	C8H12O	055449-71-3	62
4	5-Ethylcyclopent-1-enecarboxalde...	124	C8H12O	036431-60-4	58
5	1,3-Hexadiene, 3-ethyl-2-methyl-	124	C9H16	061142-36-7	52





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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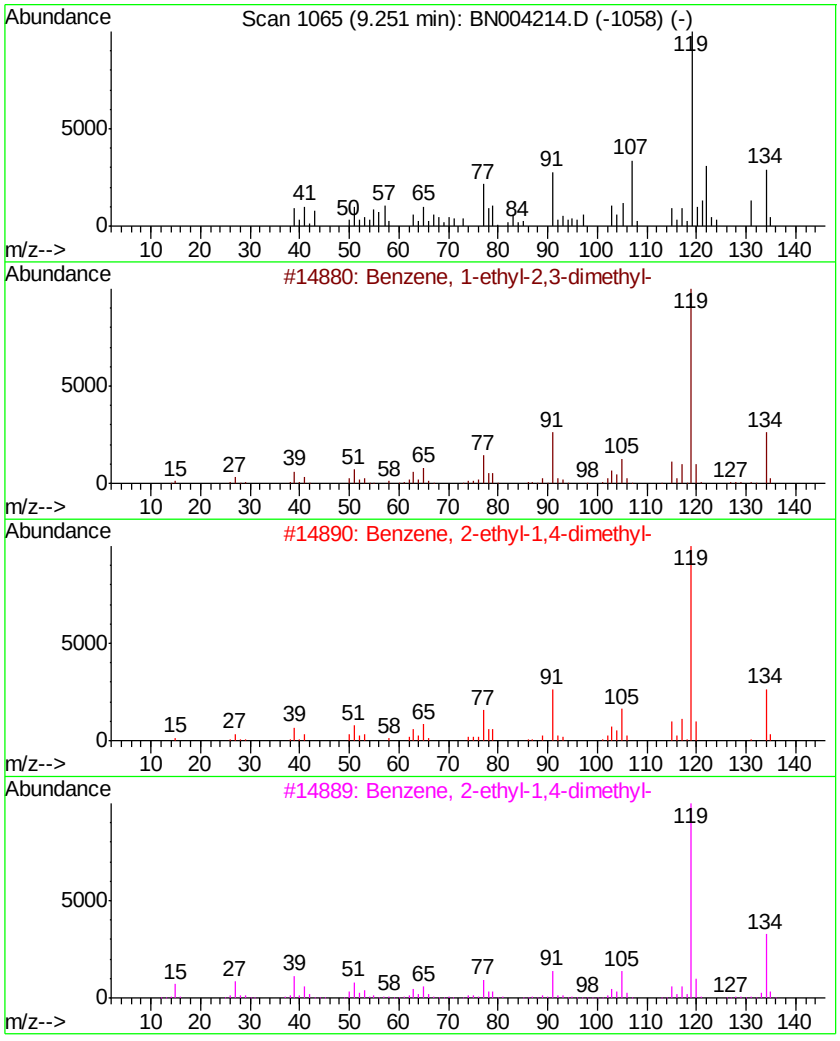
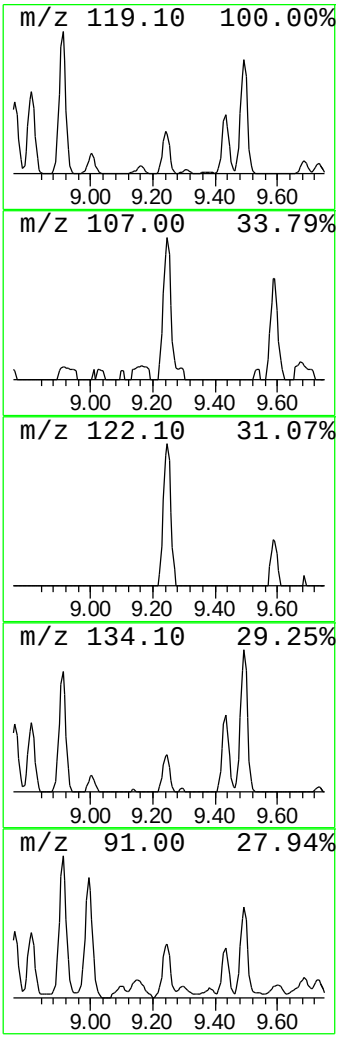
Peak Number 34 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	12.77 ng/ul	152495	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





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Operator : JU/SJ
Sample : J6489-12
Misc :
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Instrument : BNA_N
ClientSampleId : F9F55

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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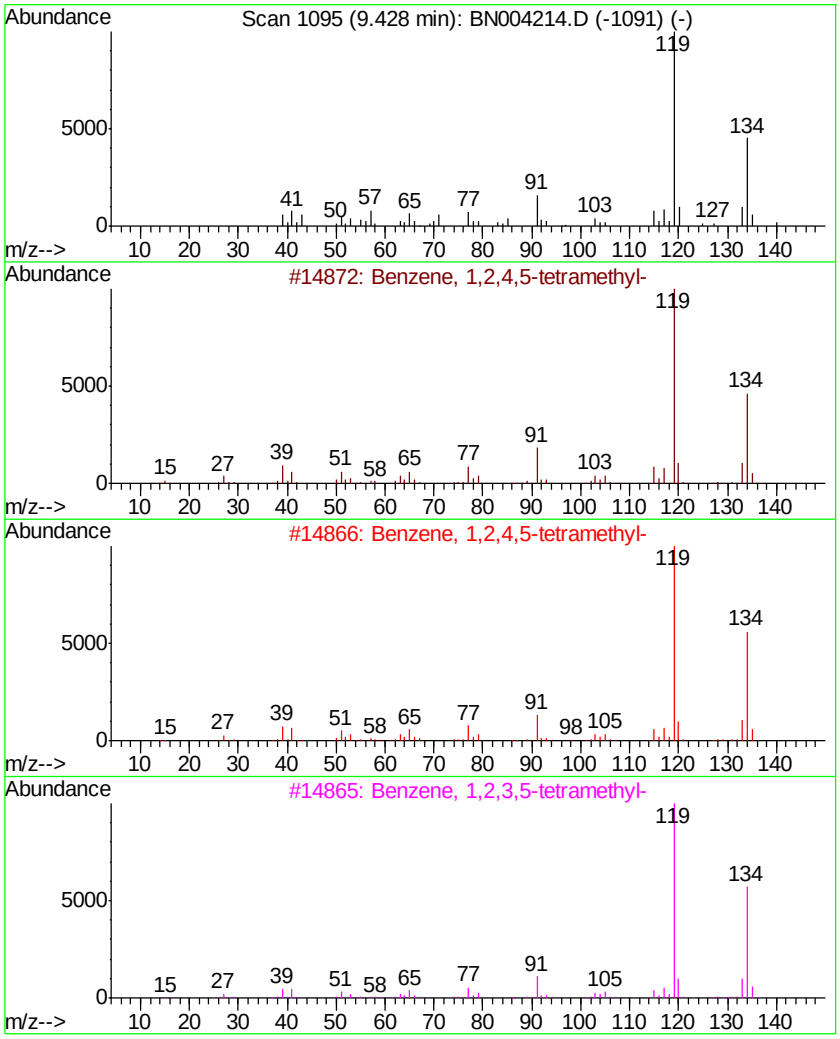
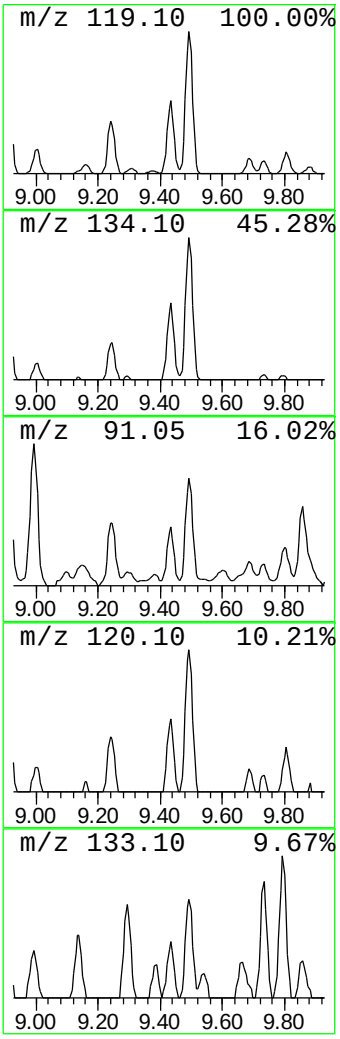
Peak Number 35 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	10.60 ng/ul	126582	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





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Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

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Quant Title : SVOA CALIBRATION

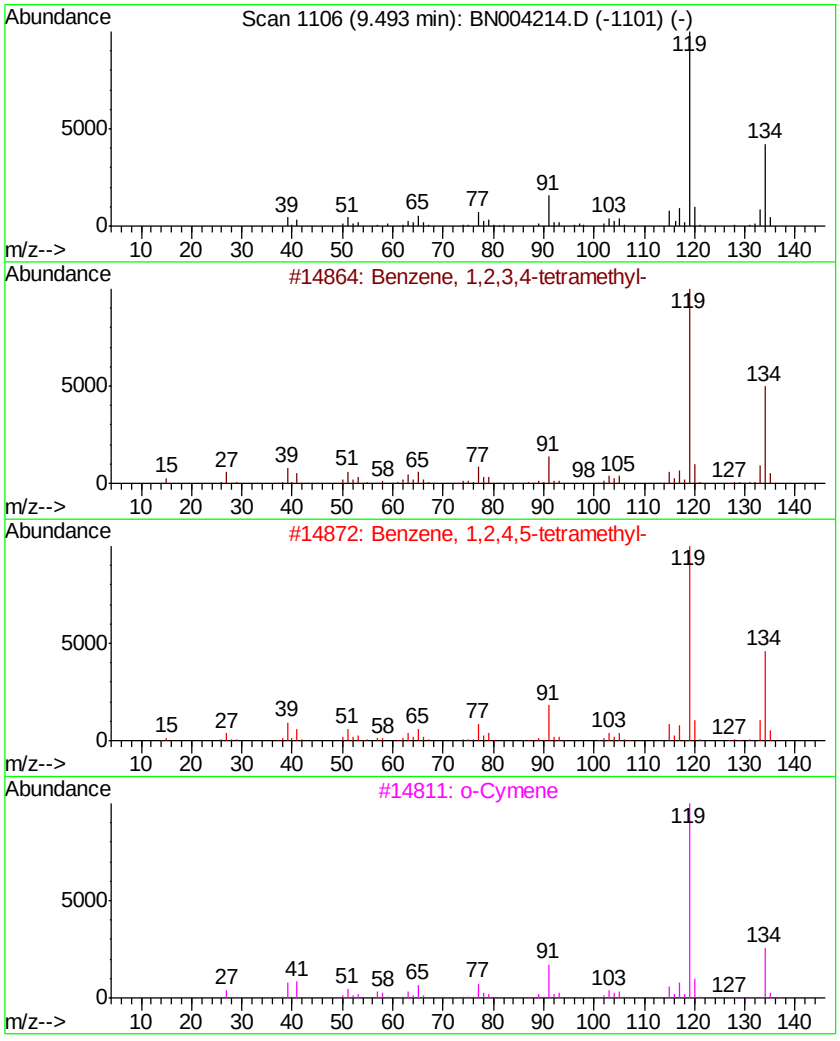
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

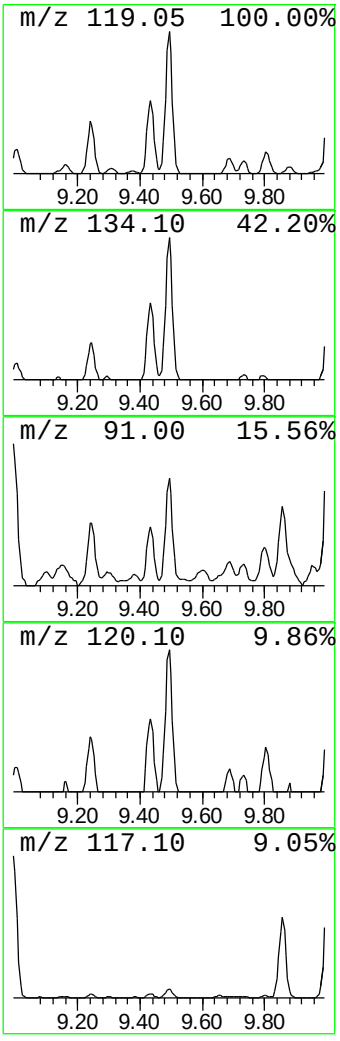
****

Peak Number 36 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	21.05 ng/ul	251318	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	o-Cymene	134	C10H14	000527-84-4	96
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Library Search Compound Report

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Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

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Quant Title : SVOA CALIBRATION

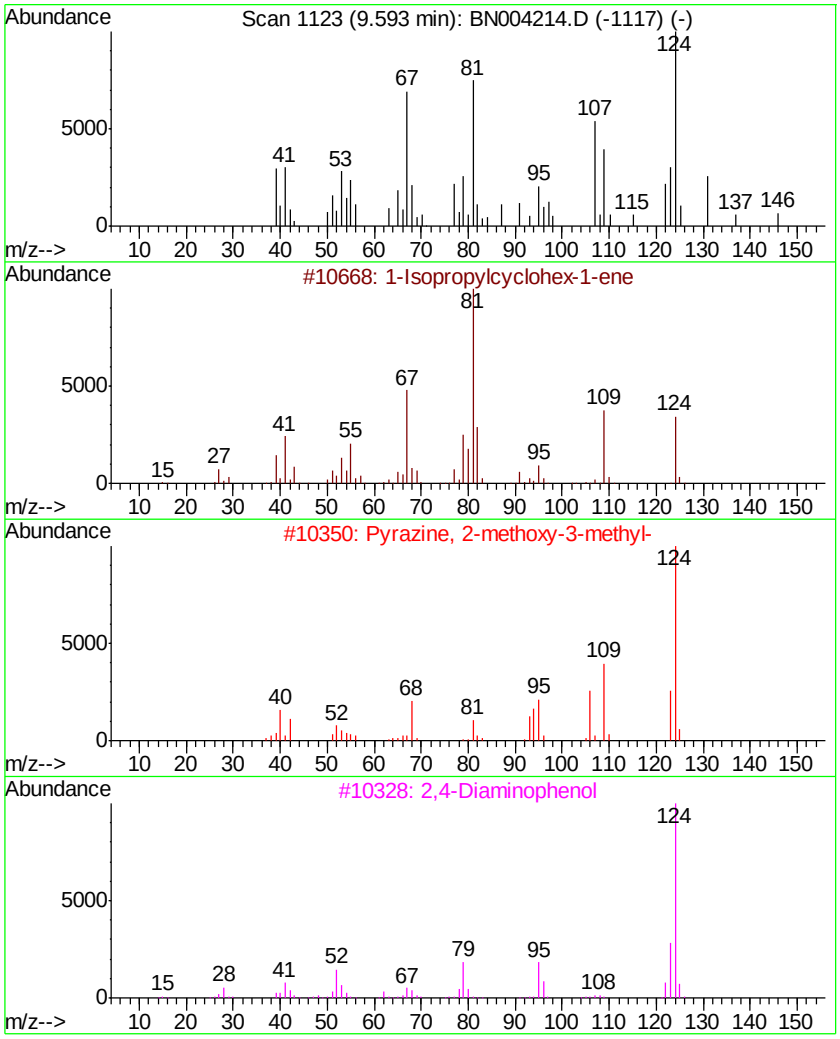
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

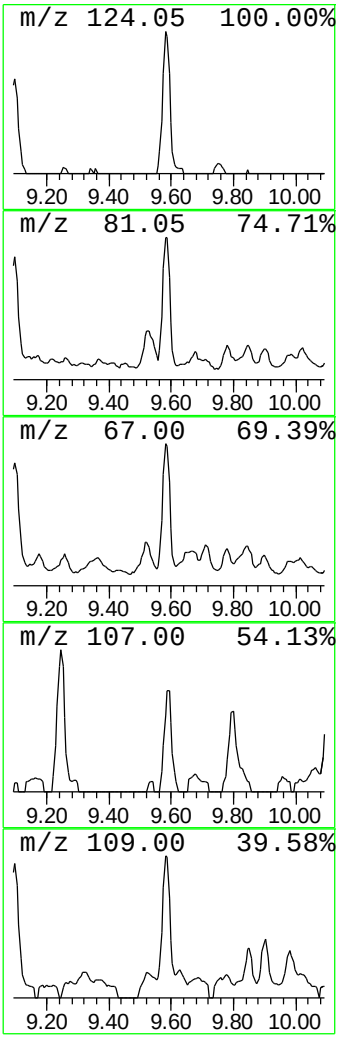
****

Peak Number 37 1-Isopropylcyclohex-1-ene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	9.75 ng/ul	116388	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropylcyclohex-1-ene	124	C9H16	004292-04-0	62
2	Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	43
3	2,4-Diaminophenol	124	C6H8N2O	000095-86-3	42
4	1,3-Hexadiene, 3-ethyl-2-methyl-	124	C9H16	061142-36-7	38
5	Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	38





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Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

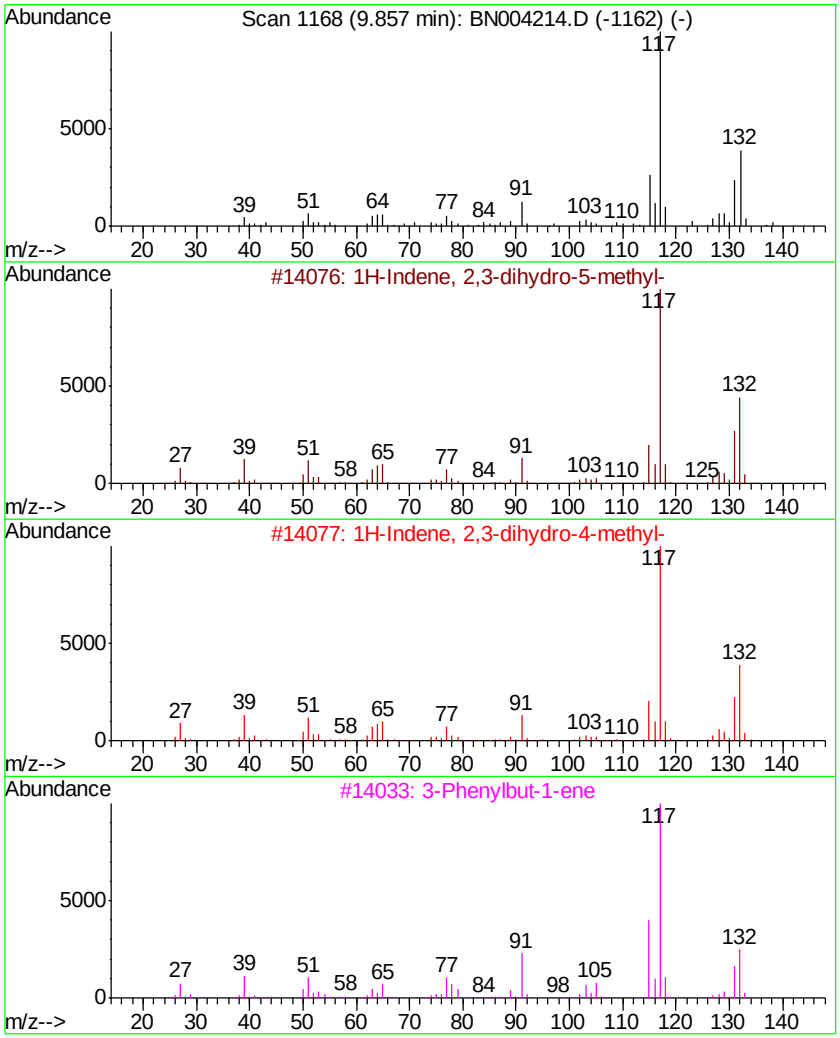
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

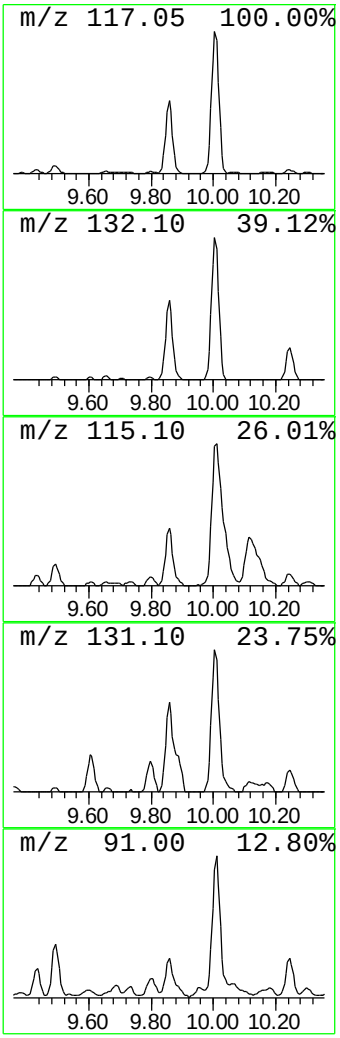
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	17.40 ng/ul	207725	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

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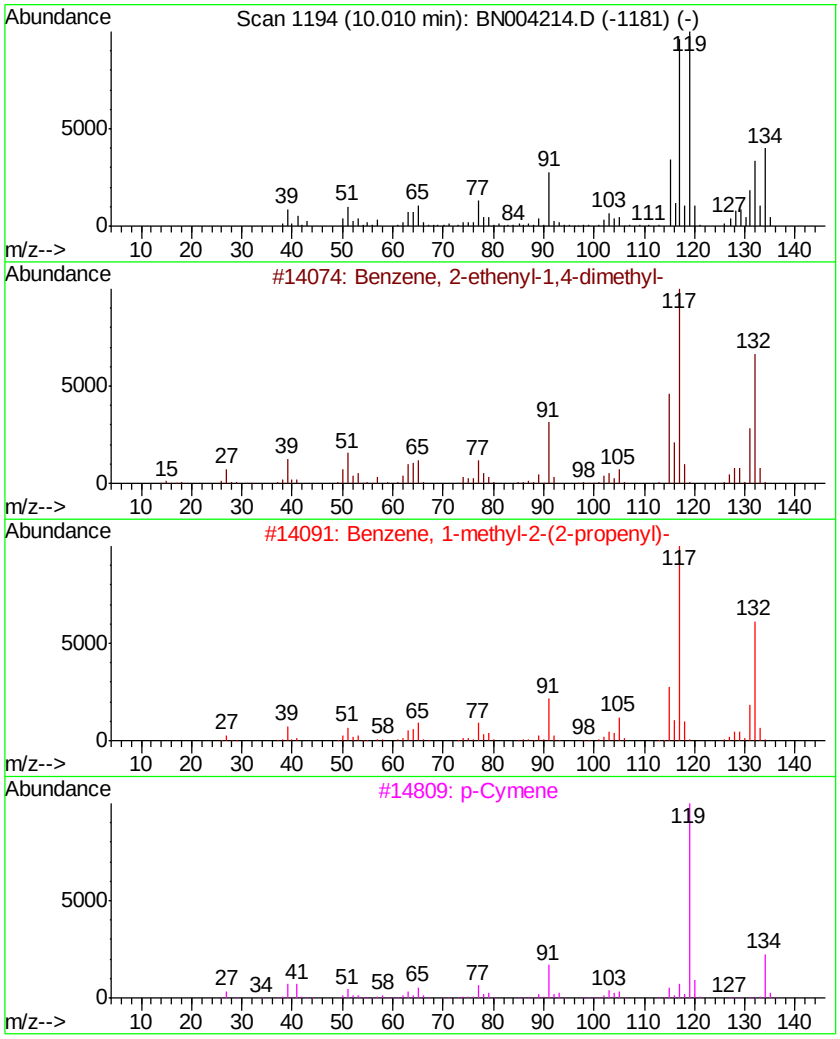
Quant Title : SVOA CALIBRATION

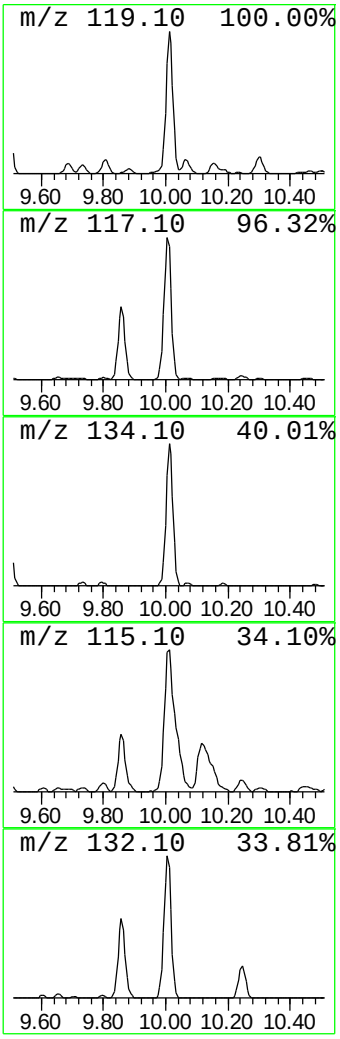
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.01	77.59 ng/ul	926404	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
3	p-Cymene	134	C10H14	000099-87-6	50
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50





Library Search Compound Report

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Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

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Quant Title : SVOA CALIBRATION

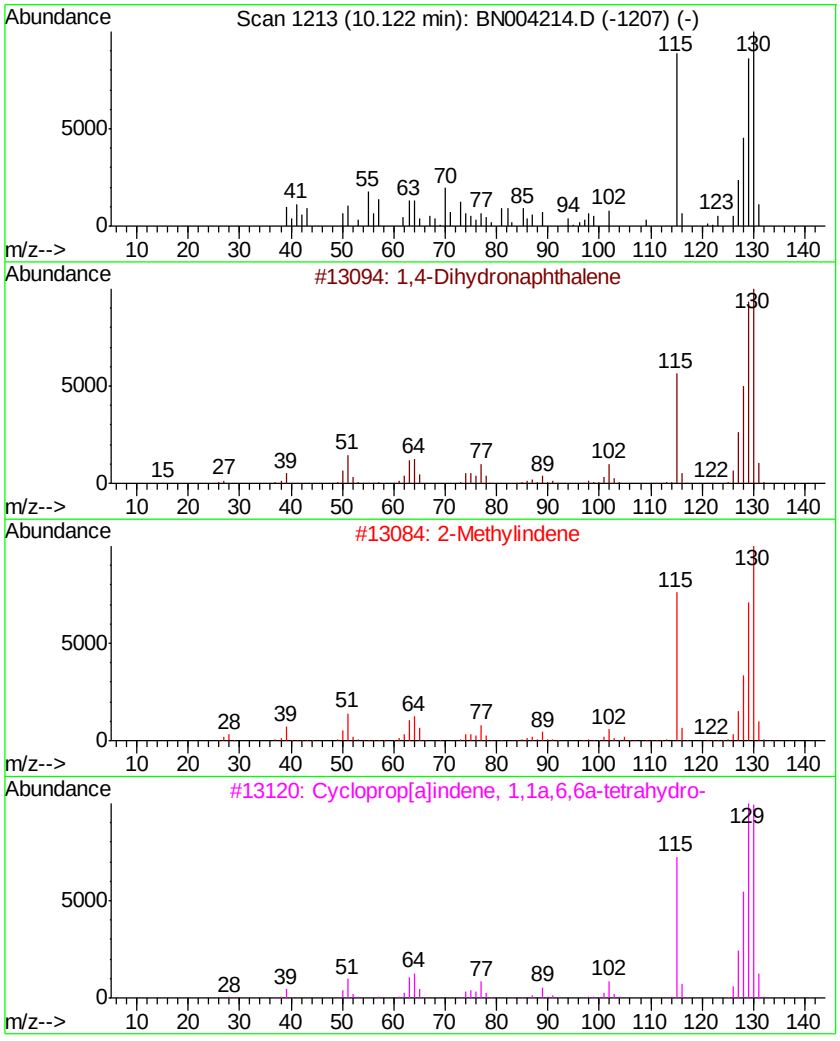
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

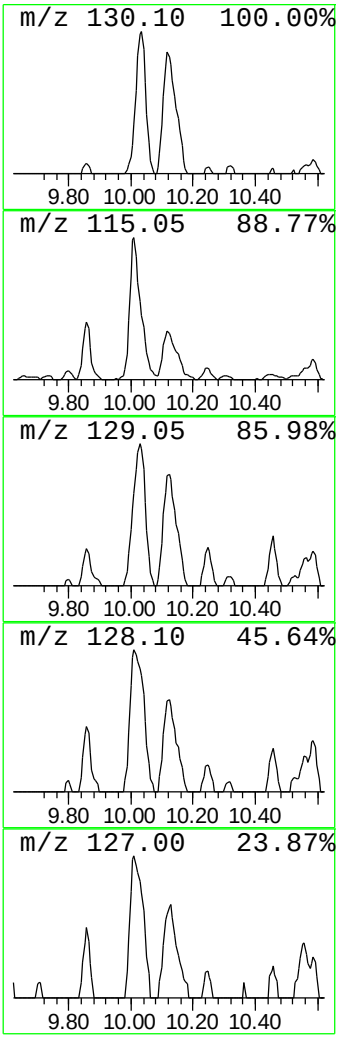
****

Peak Number 40 1,4-Dihydronaphthalene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	14.54 ng/ul	173598	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	93
2	2-Methylindene	130	C10H10	002177-47-1	93
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	91
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	90
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90





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Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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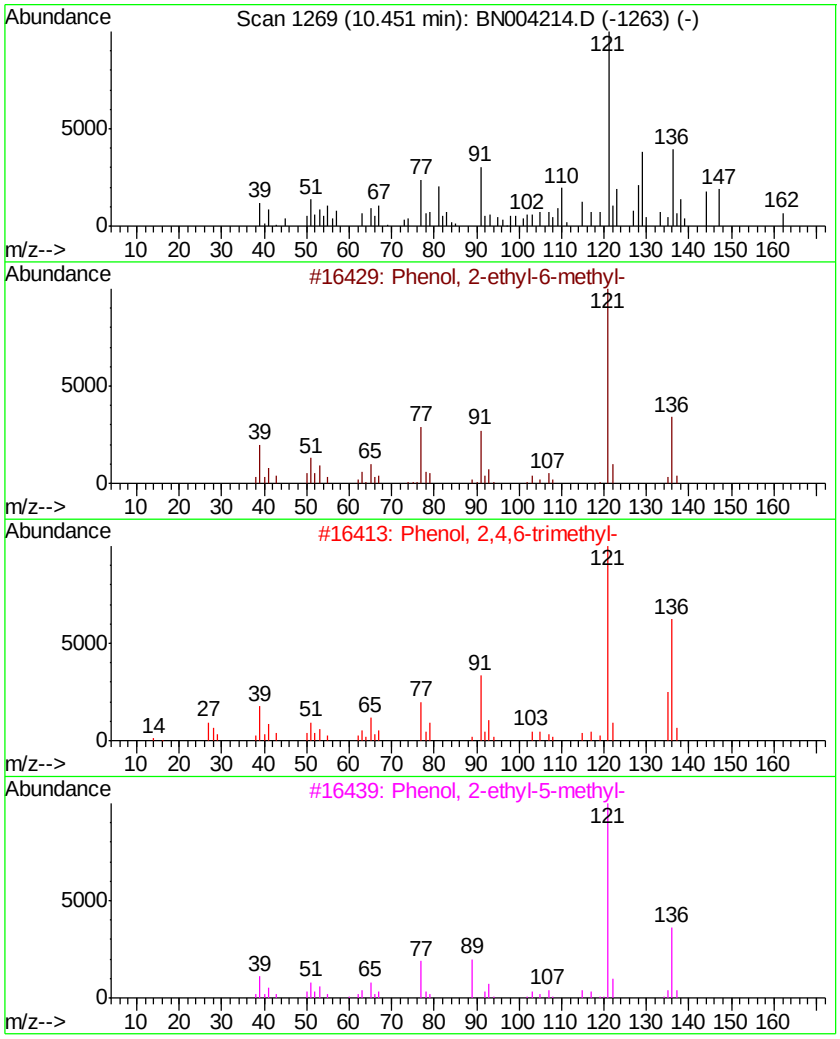
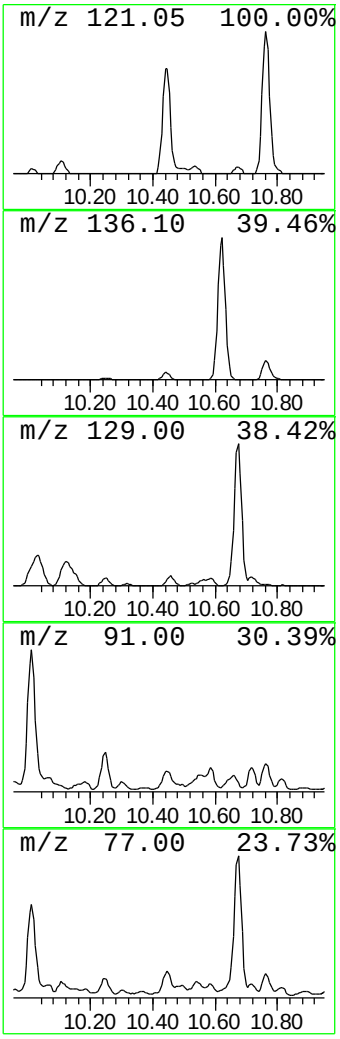
Peak Number 41 Phenol, 2-ethyl-6-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	9.89 ng/ul	118102	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	89
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	50
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	50
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	50
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	45





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

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Quant Title : SVOA CALIBRATION

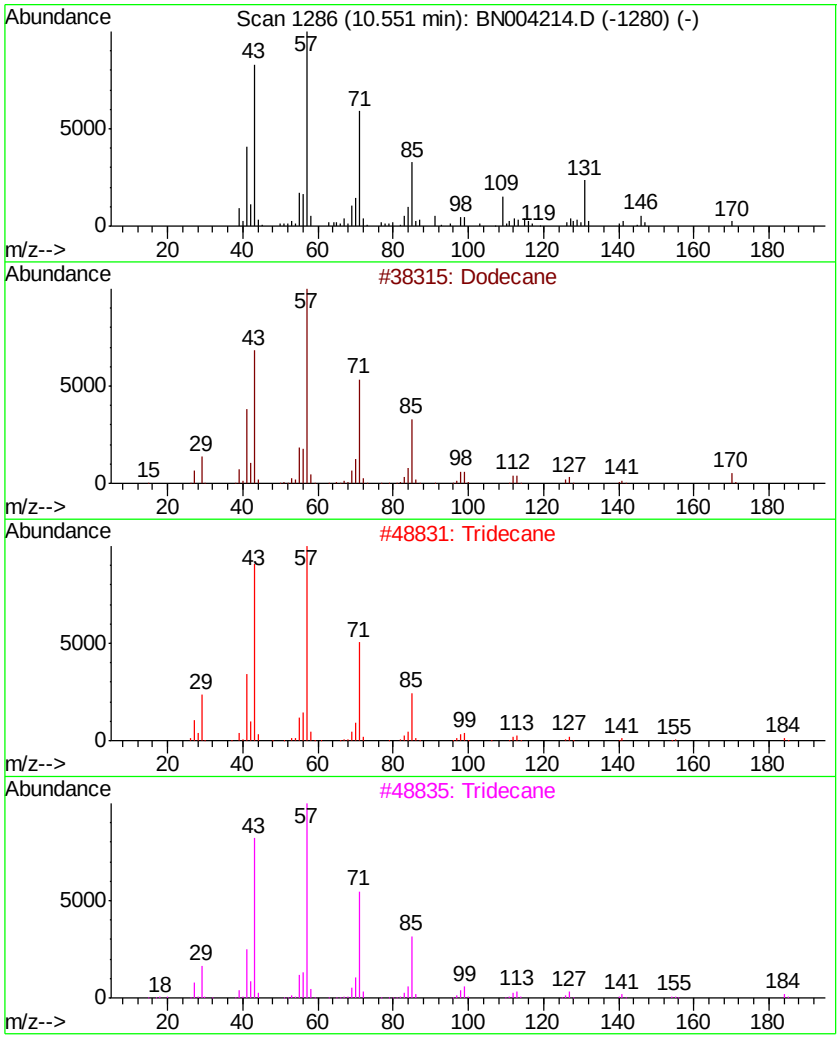
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

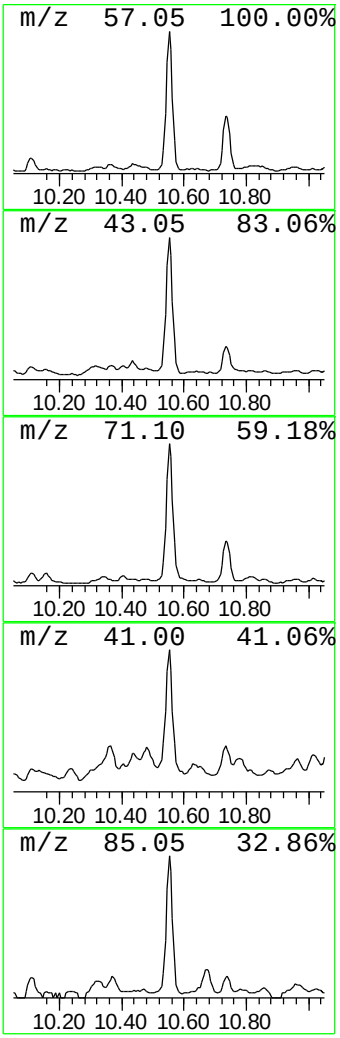
****

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	21.52 ng/ul	256877	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	62
2	Tridecane	184	C13H28	000629-50-5	58
3	Tridecane	184	C13H28	000629-50-5	58
4	Undecane	156	C11H24	001120-21-4	58
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	53





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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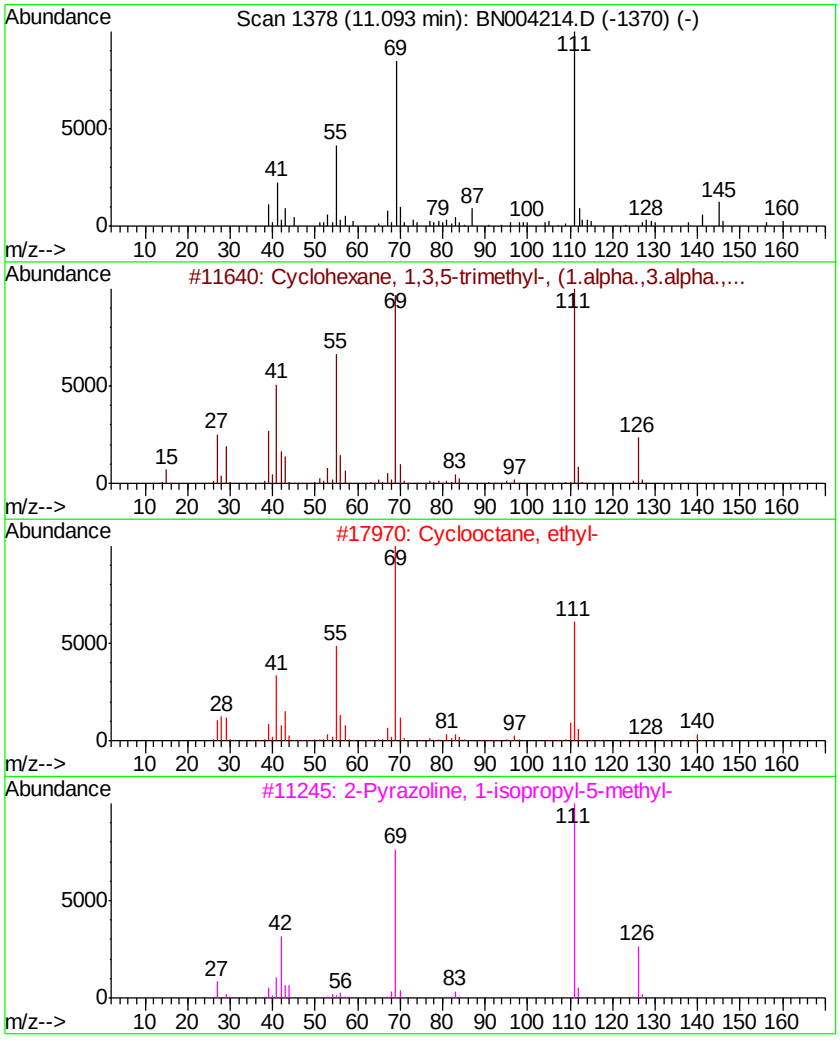
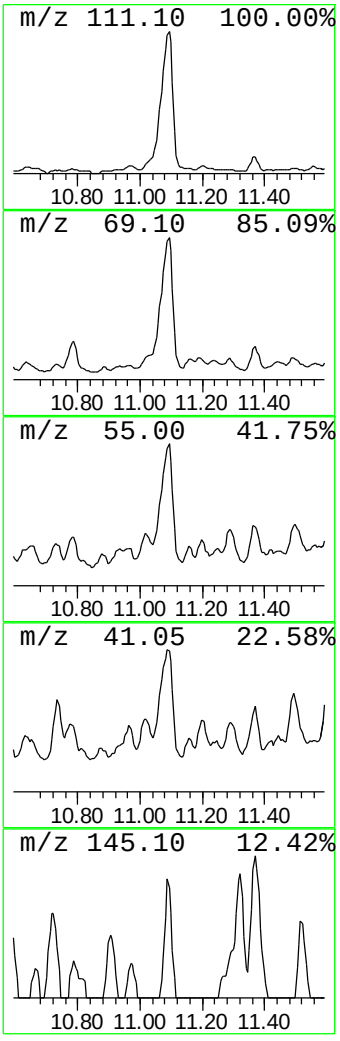
Peak Number 43 (DEL) Alkane: Cyclic11.09 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	22.19 ng/ul	264950	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
2	Cyclooctane, ethyl-	140	C10H20	013152-02-8	64
3	2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	64
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

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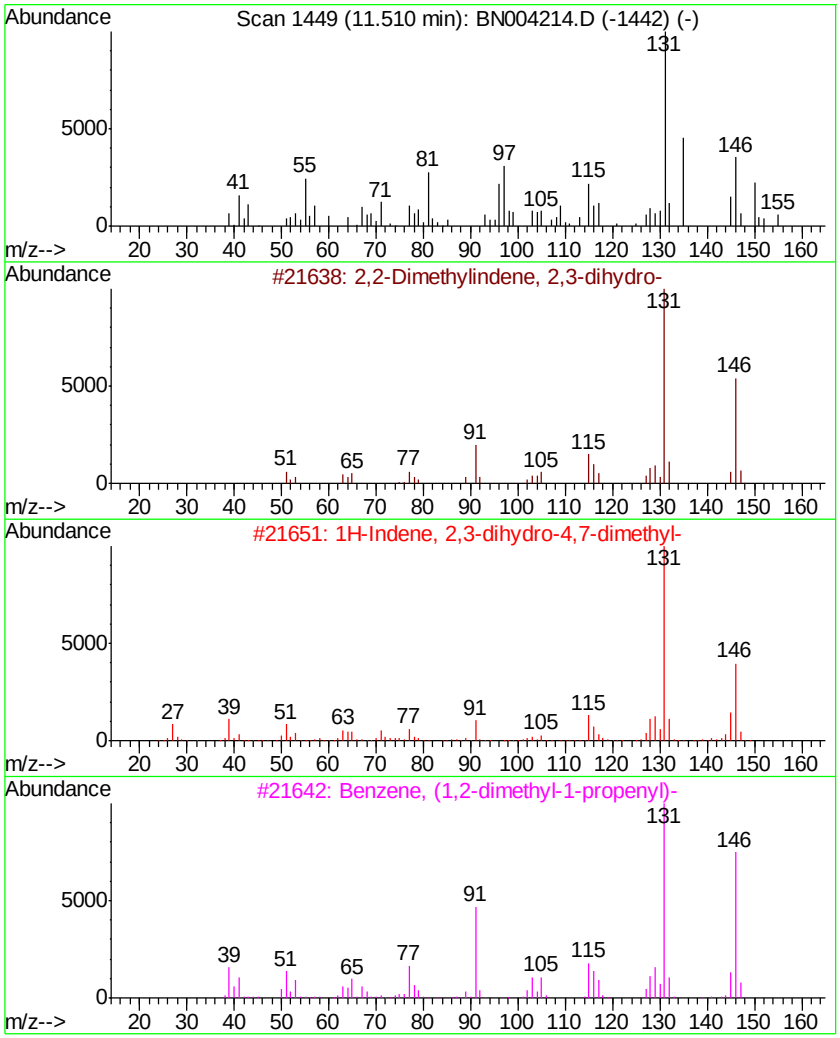
Quant Title : SVOA CALIBRATION

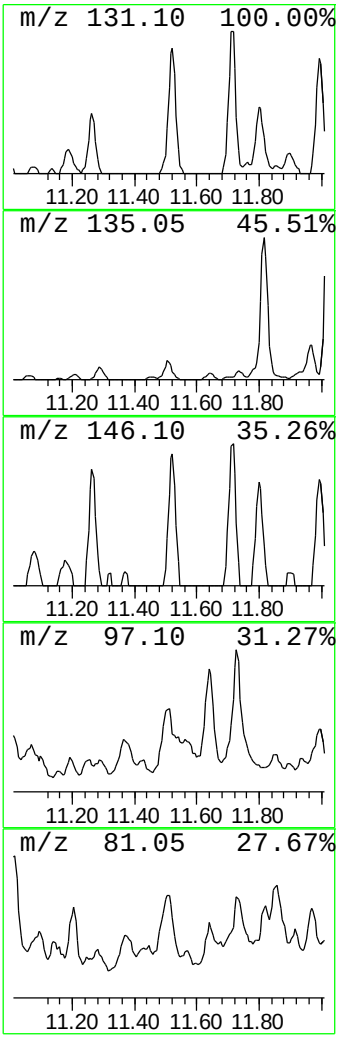
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 2,2-Dimethylindene, 2,3-dih... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	12.82 ng/ul	153017	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	55
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	55





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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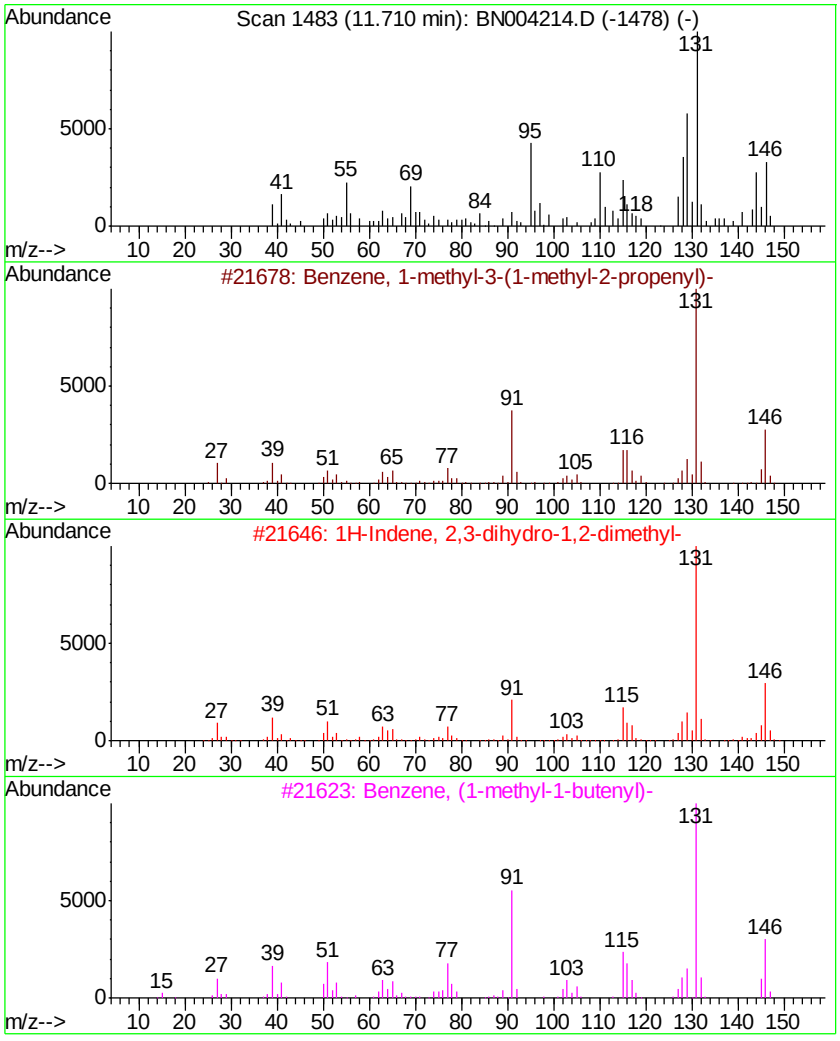
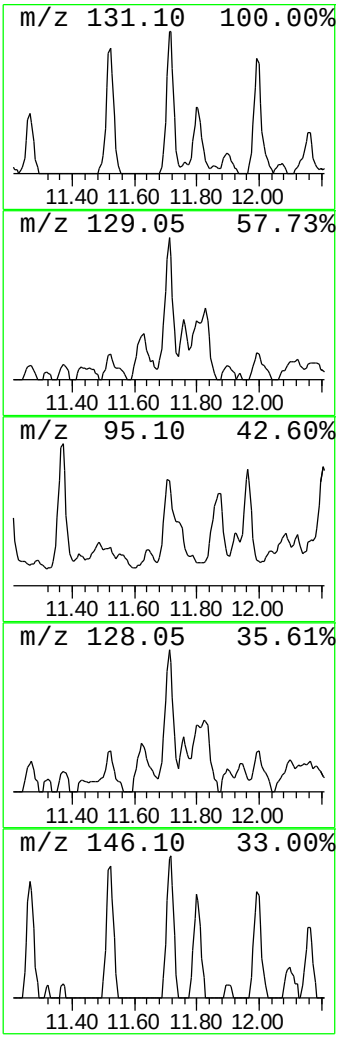
Peak Number 45 Benzene, 1-methyl-3-(1-meth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	19.94 ng/ul	238099	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	50
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	46
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	43
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122618\
Data File : BN004214.D
Acq On : 26 Dec 2018 21:50
Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

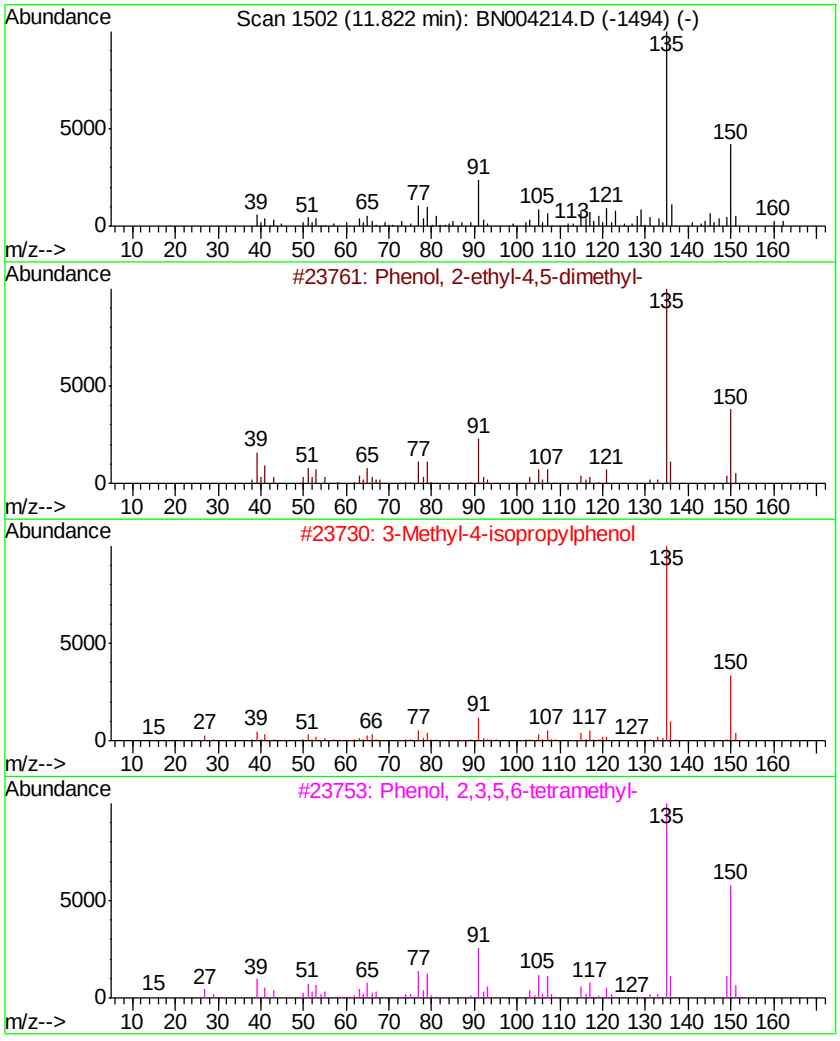
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

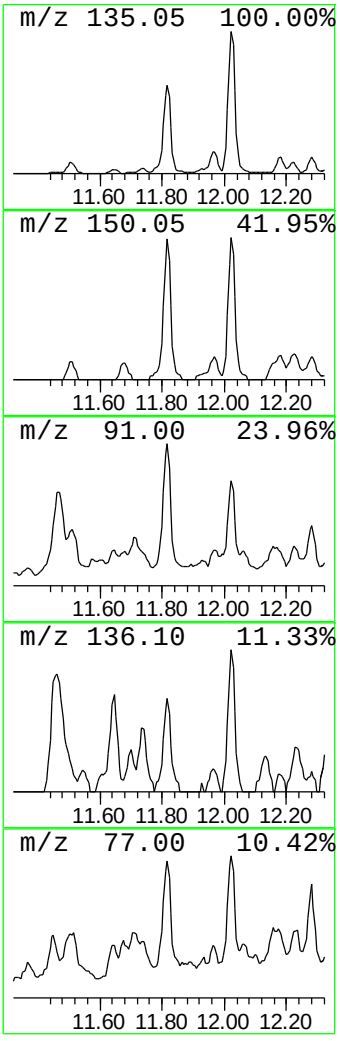
****

Peak Number 46 Phenol, 2-ethyl-4,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	20.93 ng/ul	249845	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	93
2	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	81
3	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	81
4	2,5-Diethylphenol	150	C10H14O	000876-20-0	81
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	81





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Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

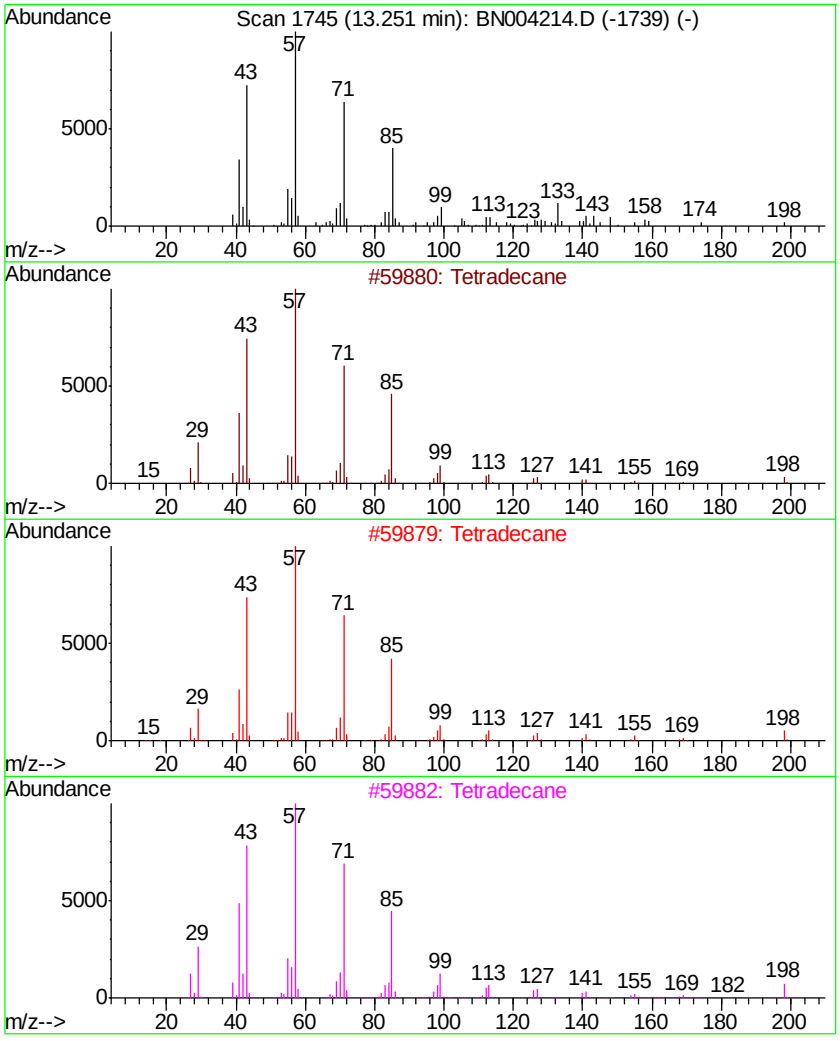
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

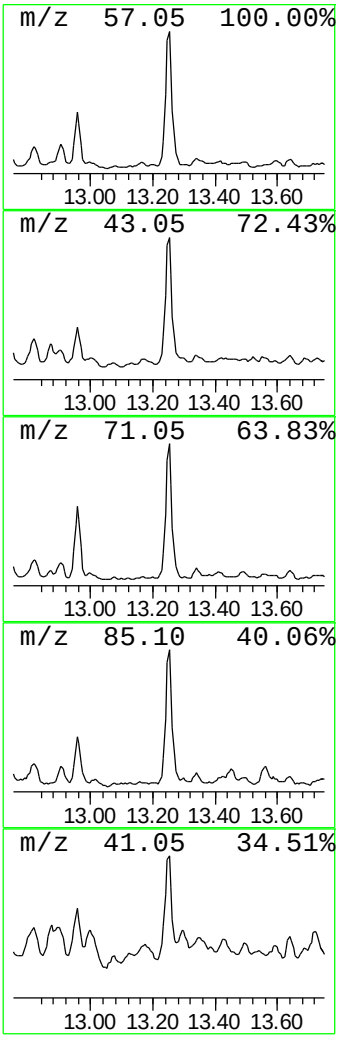
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.72 ng/ul	175747	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5	Pentadecane	212	C15H32	000629-62-9	80





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Acq On : 26 Dec 2018 21:50
Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

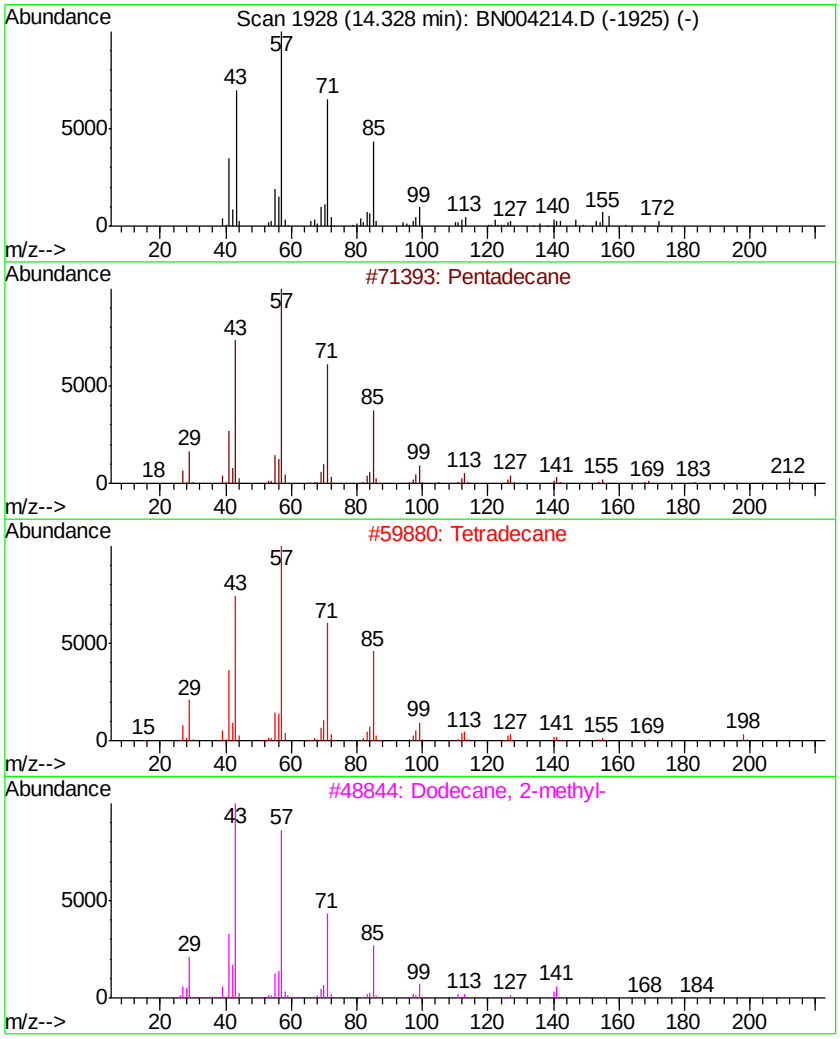
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

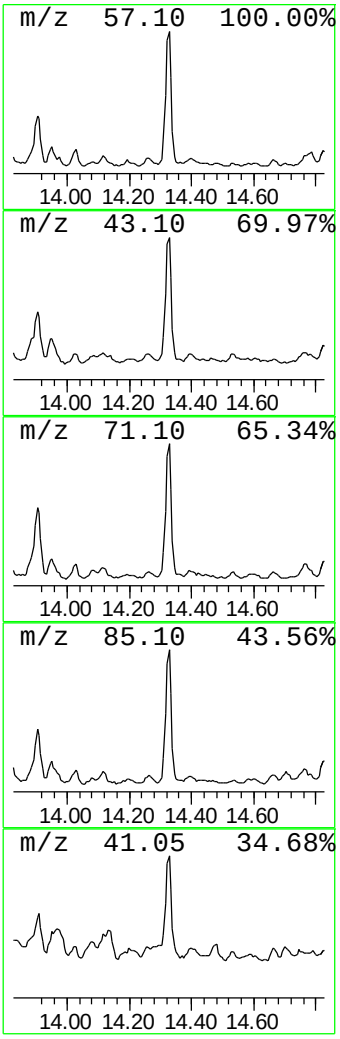
****

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	4.93 ng/ul	129040	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	80
2	Tetradecane	198	C14H30	000629-59-4	80
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5	Tridecane	184	C13H28	000629-50-5	72





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Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

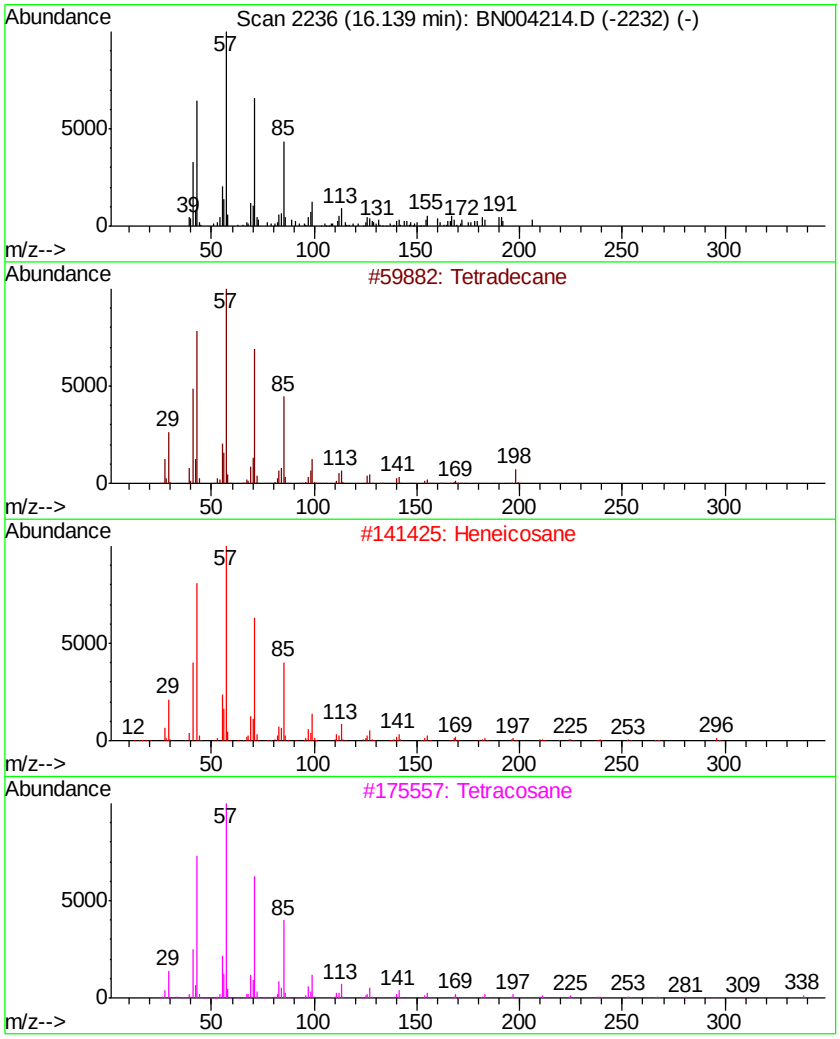
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

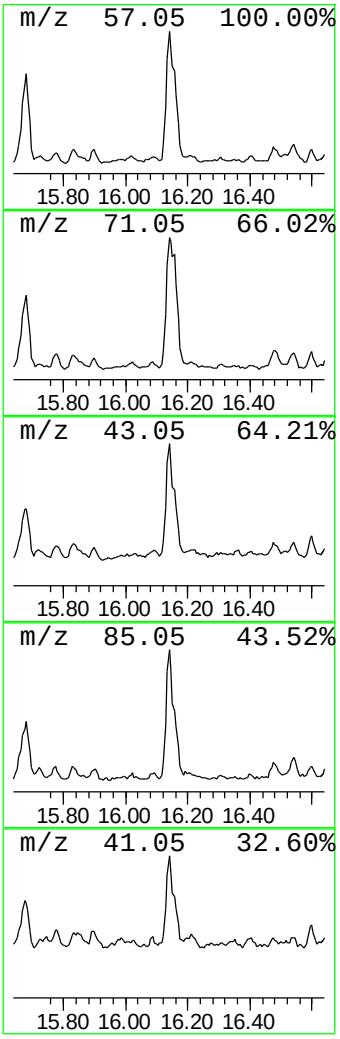
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	6.02 ng/ul	150801	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Heneicosane	296	C21H44	000629-94-7	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	Heptadecane	240	C17H36	000629-78-7	83





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Data File : BN004214.D
Acq On : 26 Dec 2018 21:50
Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

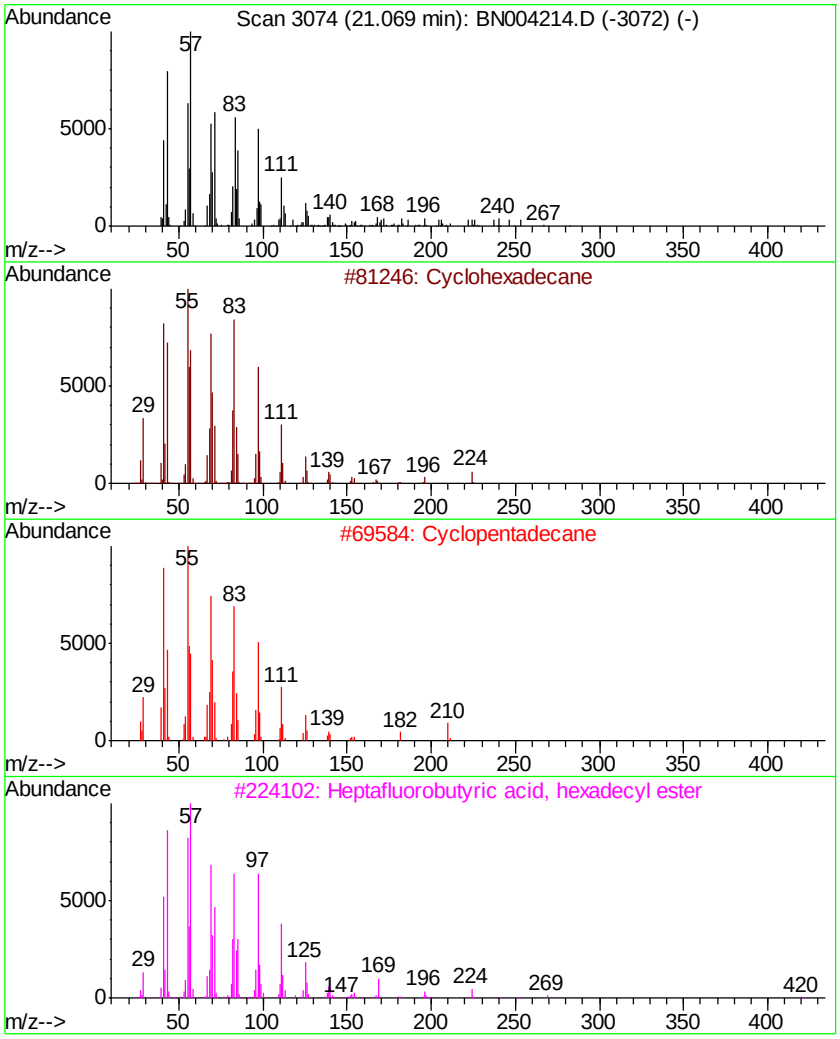
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

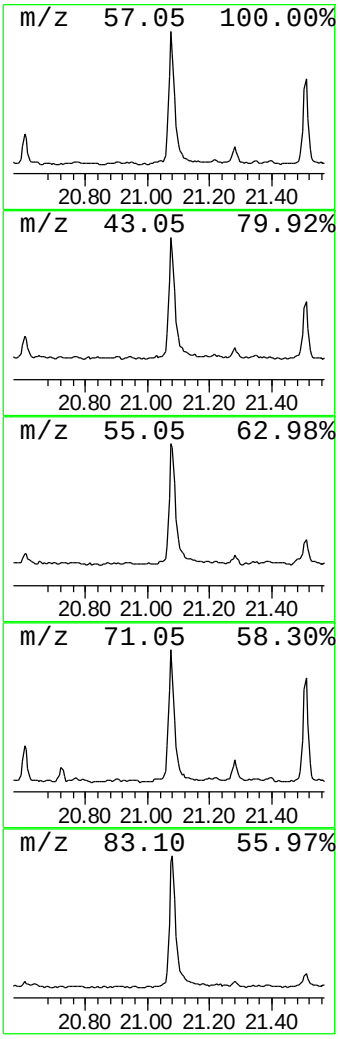
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Cyclic21.07 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	6.63 ng/ul	236009	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Cyclopentadecane	210	C15H30	000295-48-7	96
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122618\
Data File : BN004214.D
Acq On : 26 Dec 2018 21:50
Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

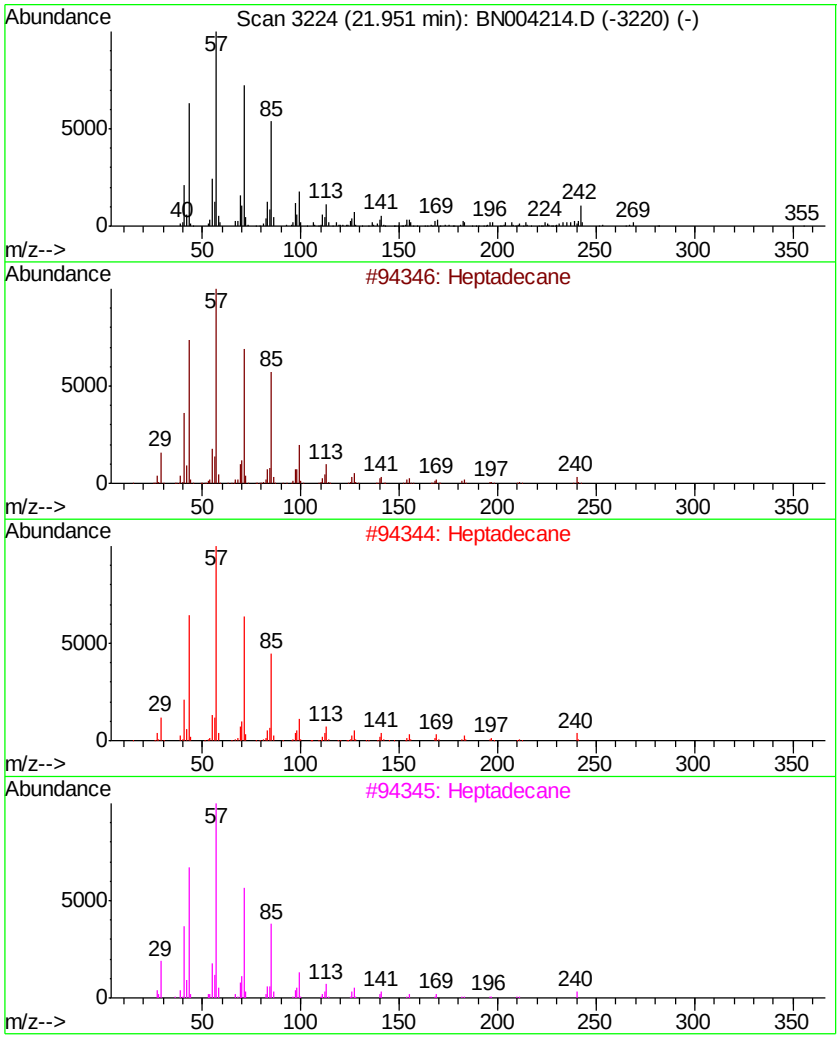
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

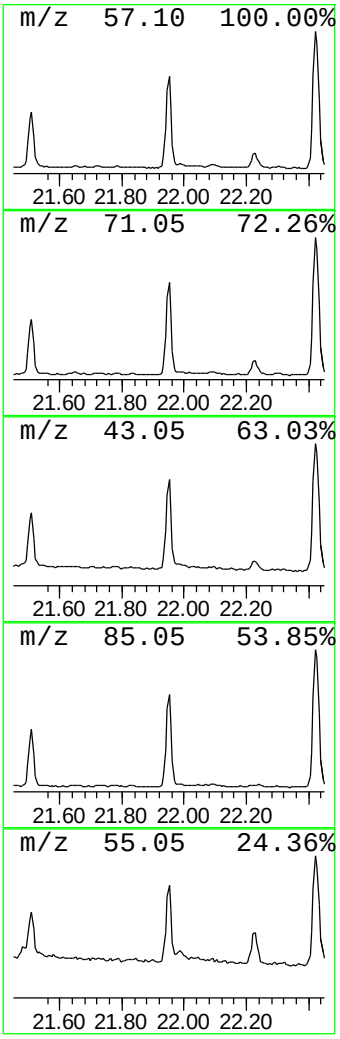
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	3.41 ng/ul	121442	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heptadecane	240	C17H36	000629-78-7	94
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122618\
Data File : BN004214.D
Acq On : 26 Dec 2018 21:50
Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

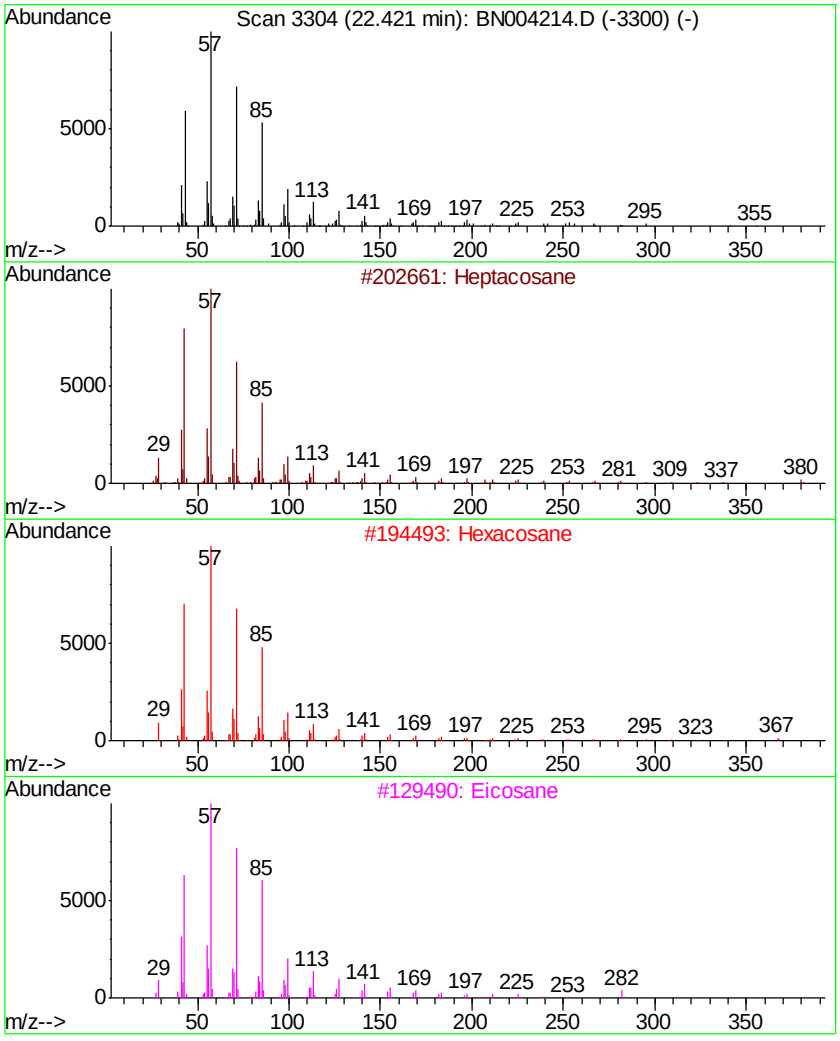
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

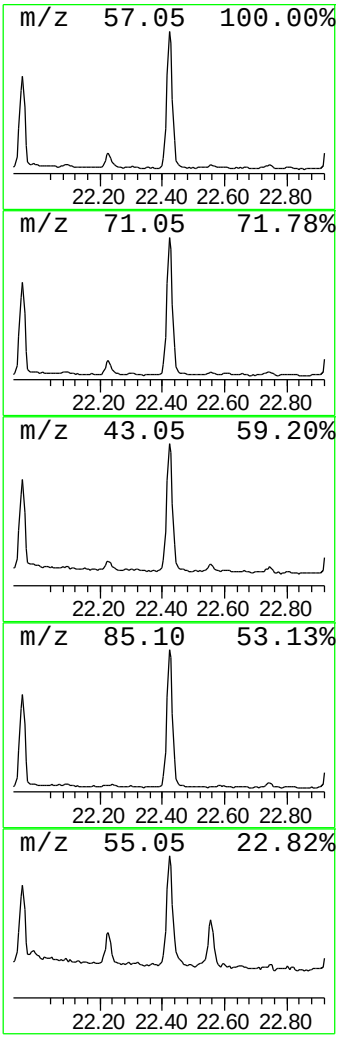
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	5.43 ng/ul	193069	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Library Search Compound Report

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Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

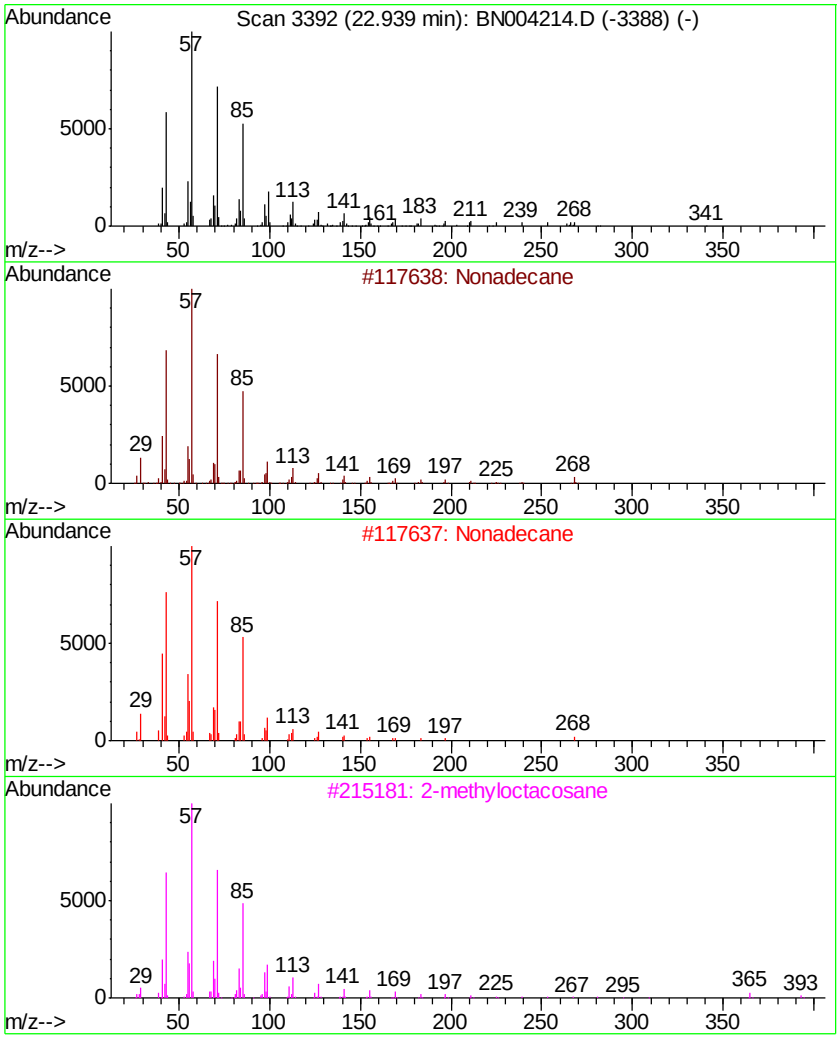
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

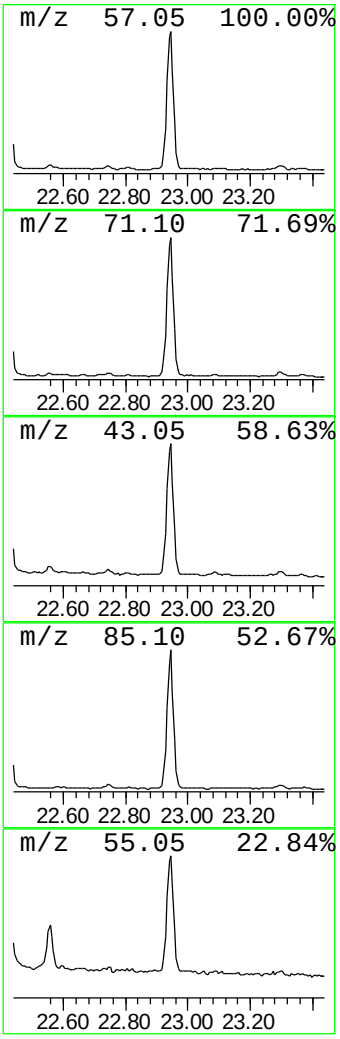
****

Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	7.00 ng/ul	256734	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Nonadecane	268	C19H40	000629-92-5	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Octadecane	254	C18H38	000593-45-3	90





Library Search Compound Report

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Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

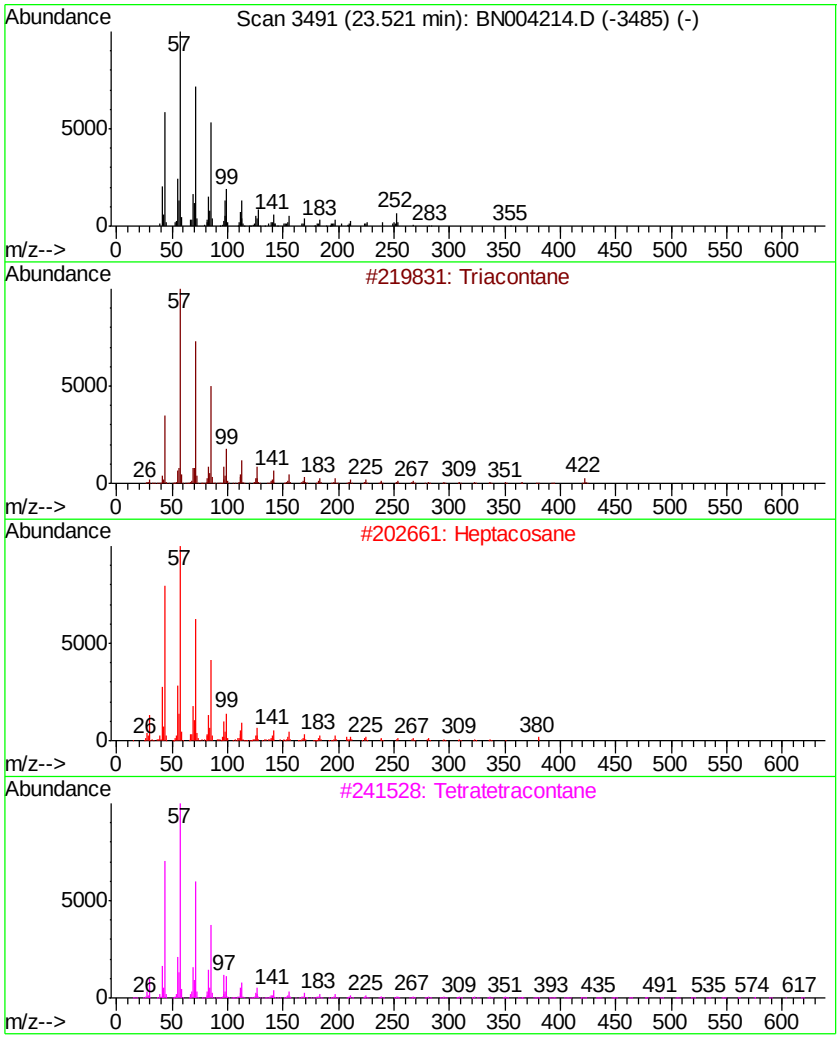
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

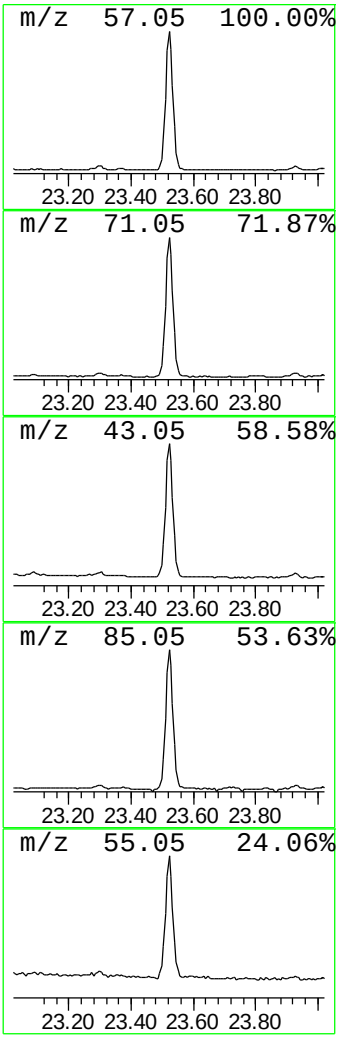
****

Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	8.28 ng/ul	303542	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Operator : JU/SJ
Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

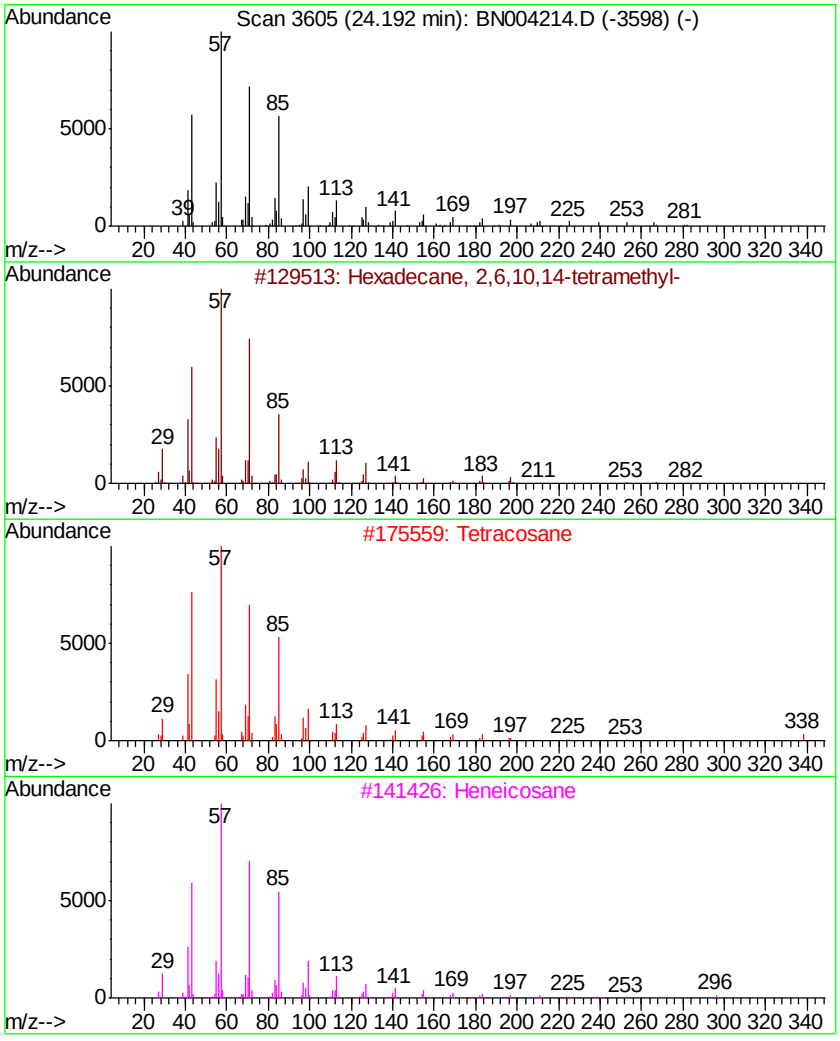
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

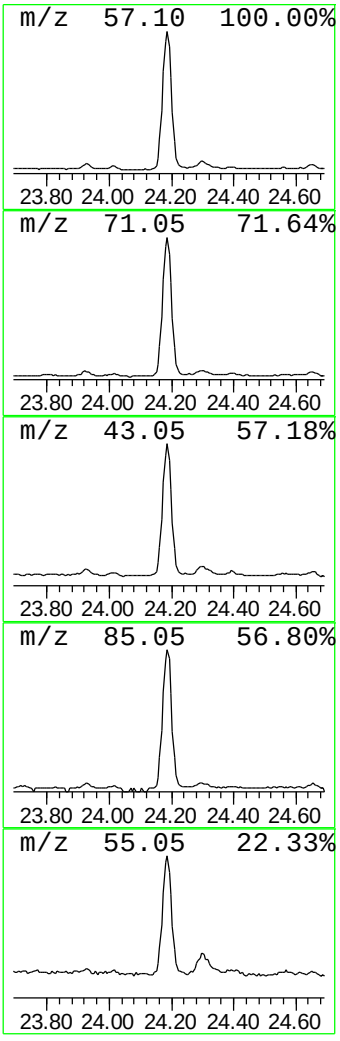
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 75 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	7.16 ng/ul	262489	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
2	Tetracosane	338	C24H50	000646-31-1	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octacosane	394	C28H58	000630-02-4	91





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Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

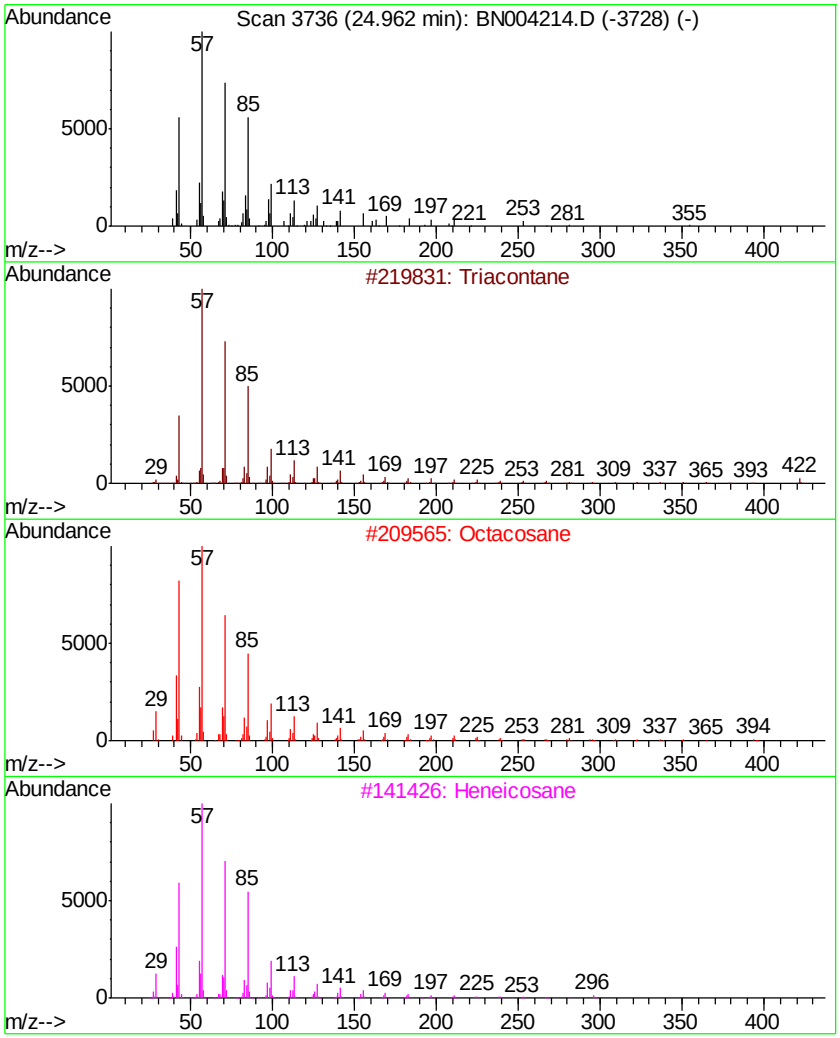
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

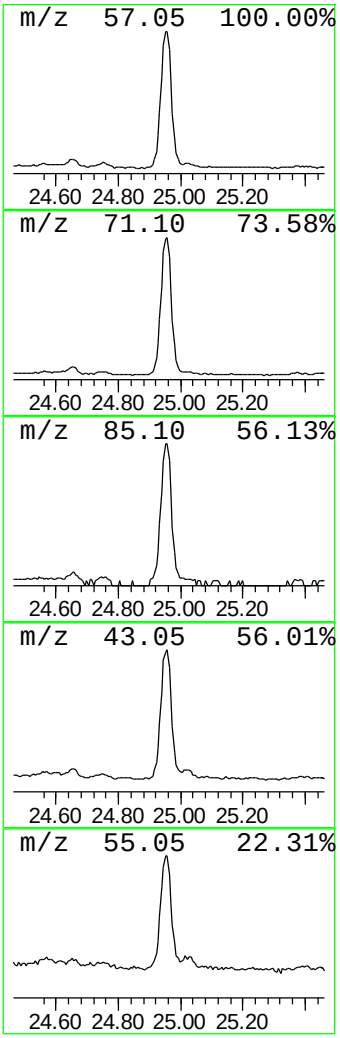
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 76 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	4.83 ng/ul	177207	Perylene-d12	23.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Pentacosane	352	C25H52	000629-99-2	91





Tentatively Identified Compound (LSC) summary

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Sample : J6489-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F55

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethylidenecyclobu...	3.09	16.4	ng/ul	204344	1	7.82	249775	20.0
(DEL) Alkane: Str...	3.19	10.6	ng/ul	131720	1	7.82	249775	20.0
(DEL) Alkane: Str...	3.53	19.6	ng/ul	245389	1	7.82	249775	20.0
Cyclohexene, 4-me...	3.71	10.1	ng/ul	125498	1	7.82	249775	20.0
3,5-Dimethylcyclo...	3.79	15.6	ng/ul	194397	1	7.82	249775	20.0
(DEL) Alkane: Str...	3.90	11.8	ng/ul	147232	1	7.82	249775	20.0
(DEL) Alkane: Cyc...	4.19	8.9	ng/ul	111685	1	7.82	249775	20.0
Cyclopentanol, 1-...	4.31	21.4	ng/ul	267116	1	7.82	249775	20.0
(DEL) Alkane: Str...	4.35	22.8	ng/ul	284802	1	7.82	249775	20.0
1,3-Dimethylcyclo...	5.03	20.1	ng/ul	251579	1	7.82	249775	20.0
Benzene, 1,3-dime...	5.46	204.1	ng/ul	2548490	1	7.82	249775	20.0
Cyclopentane, 1-m...	5.68	10.2	ng/ul	127144	1	7.82	249775	20.0
Benzene, (1-methy...	6.30	17.1	ng/ul	213522	1	7.82	249775	20.0
(DEL) Alkane: Cyc...	6.44	14.1	ng/ul	176053	1	7.82	249775	20.0
Benzene, propyl-	6.79	21.6	ng/ul	270362	1	7.82	249775	20.0
Benzene, 1-ethyl-...	6.90	56.8	ng/ul	709760	1	7.82	249775	20.0
(DEL) Alkane: Str...	7.41	24.3	ng/ul	303265	1	7.82	249775	20.0
Benzene, 1,2,3-tr...	7.46	148.3	ng/ul	1851890	1	7.82	249775	20.0
(DEL) Alkane: Str...	7.76	9.1	ng/ul	113352	1	7.82	249775	20.0
unknown-01	8.10	14.4	ng/ul	179717	1	7.82	249775	20.0
Indane	8.19	69.3	ng/ul	865816	1	7.82	249775	20.0
Benzene, 1,3-diet...	8.29	12.0	ng/ul	149871	1	7.82	249775	20.0
1-Propyne, 3-phenyl-	8.35	30.2	ng/ul	377317	1	7.82	249775	20.0
Benzene, 1,4-diet...	8.45	41.7	ng/ul	520754	1	7.82	249775	20.0
Benzene, 2-ethyl-...	8.76	10.4	ng/ul	129457	1	7.82	249775	20.0
o-Cymene	8.81	9.7	ng/ul	120668	1	7.82	249775	20.0
3,5-Octadien-2-one	9.10	9.4	ng/ul	117045	1	7.82	249775	20.0
Benzene, 1-ethyl-...	9.25	12.8	ng/ul	152495	2	10.62	238782	20.0
Benzene, 1,2,4,5-...	9.43	10.6	ng/ul	126582	2	10.62	238782	20.0
Benzene, 1,2,3,4-...	9.49	21.1	ng/ul	251318	2	10.62	238782	20.0
1-Isopropylcycloh...	9.59	9.8	ng/ul	116388	2	10.62	238782	20.0
1H-Indene, 2,3-di...	9.86	17.4	ng/ul	207725	2	10.62	238782	20.0
Benzene, 2-etheny...	10.01	77.6	ng/ul	926404	2	10.62	238782	20.0
1,4-Dihydronaphth...	10.12	14.5	ng/ul	173598	2	10.62	238782	20.0
Phenol, 2-ethyl-6...	10.45	9.9	ng/ul	118102	2	10.62	238782	20.0
(DEL) Alkane: Str...	10.55	21.5	ng/ul	256877	2	10.62	238782	20.0
(DEL) Alkane: Cyc...	11.09	22.2	ng/ul	264950	2	10.62	238782	20.0
2,2-Dimethylinden...	11.51	12.8	ng/ul	153017	2	10.62	238782	20.0
Benzene, 1-methyl...	11.71	19.9	ng/ul	238099	2	10.62	238782	20.0
Phenol, 2-ethyl-4...	11.82	20.9	ng/ul	249845	2	10.62	238782	20.0
(DEL) Alkane: Str...	13.25	6.7	ng/ul	175747	3	14.46	523422	20.0
(DEL) Alkane: Str...	14.33	4.9	ng/ul	129040	3	14.46	523422	20.0
(DEL) Alkane: Str...	16.14	6.0	ng/ul	150801	4	17.21	501171	20.0
(DEL) Alkane: Cyc...	21.07	6.6	ng/ul	236009	5	21.40	711437	20.0
(DEL) Alkane: Str...	21.95	3.4	ng/ul	121442	5	21.40	711437	20.0
(DEL) Alkane: Str...	22.42	5.4	ng/ul	193069	5	21.40	711437	20.0
(DEL) Alkane: Str...	22.94	7.0	ng/ul	256734	6	23.72	733210	20.0
(DEL) Alkane: Str...	23.52	8.3	ng/ul	303542	6	23.72	733210	20.0
(DEL) Alkane: Str...	24.19	7.2	ng/ul	262489	6	23.72	733210	20.0

(DEL) Alkane: Str... 24.96 4.8 ng/ul 177207 6 23.72 733210 20.0

Instrument :
BNA_N
ClientSampleId :
F9F55