LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006099.D
Acq On : 05 Jun 2019 15:01
Operator : JU/SJ
Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C54

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BN060419MA.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	3.152	24	28	32	rVB	125733	149144	1.49%	0.122%
2	3.417	69	73	78	rVV	273228	349976	3.49%	0.287%
3	3.640	107	111	113	rBV	110316	133952	1.34%	0.110%
4	3.670	113	116	120	rVB	181016	222817	2.22%	0.183%
5	3.734	120	127	130	rBV3	80466	133423	1.33%	0.109%
6	4.052	174	181	185	rBV2	131397	233487	2.33%	0.191%
7	4.181	194	203	211	rVB4	156778	365549	3.64%	0.300%
8	4.328	223	228	232	rBV	174853	256184	2.55%	0.210%
9	4.411	238	242	248	rVB	123124	177231	1.77%	0.145%
10	4.652	280	283	290	rVV	231874	370569	3.70%	0.304%
11	4.828	308	313	317	rBV	265819	387865	3.87%	0.318%
12	4.870	317	320	325	rVB2	208565	311775	3.11%	0.256%
13	5.105	353	360	365	rBV4	102415	181333	1.81%	0.149%
14	5.370	397	405	411	rVB2	63890	166504	1.66%	0.137%
15	5.581	437	441	444	rBV	100725	136200	1.36%	0.112%
16	5.746	464	469	473	rBV2	117054	172826	1.72%	0.142%
17	5.928	493	500	504	rBV4	75182	163324	1.63%	0.134%
18	6.146	527	537	551	rBV2	626235	1181665	11.78%	0.969%
19	6.322	563	567	574	rVB2	136945	219297	2.19%	0.180%
20	6.552	602	606	614	rVB2	71880	156117	1.56%	0.128%
21	6.628	614	619	625	rBV	281247	438632	4.37%	0.360%
22	6.817	641	651	664	rBV	470379	907860	9.05%	0.744%
23	6.981	673	679	686	rBV	1466668	2377946	23.71%	1.950%
24	7.034	686	688	697	rVV	85499	133437	1.33%	0.109%
25	7.175	707	712	719	rVV	1576028	2503373	24.96%	2.052%
26	7.240	719	723	728	rVV2	137578	253590	2.53%	0.208%
27	7.293	728	732	738	rVV2	120408	188459	1.88%	0.155%
28	7.511	765	769	772	rBV	98737	156666	1.56%	0.128%
29	7.546	772	775	780	rVB2	172819	240588	2.40%	0.197%
30	7.646	786	792	801	rBV	1248349	2095906	20.90%	1.718%
31	7.758	806	811	820	rVB2	124619	223944	2.23%	0.184%
32	8.011	848	854	868	rVB	2444743	4020039	40.08%	3.296%
33	8.134	868	875	881	rBV	298134	464089	4.63%	0.380%
34	8.281	894	900	905	rBV2	305991	515270	5.14%	0.422%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C54

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BN060419MA.M
Title : SVOA CALIBRATION

35	8.352	905	912	922	rVV	1264212	2291321	22.85%	1.879%
36	8.440	922	927	936	rVV	152756	285965	2.85%	0.234%
37	8.746	970	979	983	rBV	615727	974778	9.72%	0.799%
38	8.799	983	988	1000	rVV2	1826795	3899791	38.89%	3.197%
39	8.987	1014	1020	1028	rVB4	95962	216535	2.16%	0.178%
40	9.087	1028	1037	1041	rBV2	91782	194793	1.94%	0.160%
41	9.263	1062	1067	1072	rVB	463408	674032	6.72%	0.553%
42	9.322	1072	1077	1083	rVB	212958	344584	3.44%	0.283%
43	9.516	1102	1110	1118	rBV	1532529	2572739	25.65%	2.109%
44	9.628	1123	1129	1133	rVV2	157437	283697	2.83%	0.233%
45	9.681	1133	1138	1142	rVV	359090	599319	5.98%	0.491%
46	9.716	1142	1144	1152	rVB2	126754	163084	1.63%	0.134%
47	9.828	1152	1163	1171	rBV3	1013356	1878472	18.73%	1.540%
48	9.905	1171	1176	1184	rVB2	111940	212824	2.12%	0.174%
49	10.010	1184	1194	1195	rBV3	66522	138683	1.38%	0.114%
50	10.052	1195	1201	1211	rVV	2123614	3577179	35.67%	2.933%
51	10.134	1211	1215	1223	rVB	94210	163936	1.63%	0.134%
52	10.310	1233	1245	1248	rBV3	72924	189529	1.89%	0.155%
53	10.346	1248	1251	1255	rVV2	120543	184047	1.84%	0.151%
54	10.428	1255	1265	1270	rVV	1866646	3544533	35.34%	2.906%
55	10.481	1270	1274	1280	rVV3	392335	797459	7.95%	0.654%
56	10.546	1280	1285	1299	rVB	397962	780644	7.78%	0.640%
57	11.087	1373	1377	1381	rVV	151811	251753	2.51%	0.206%
58	11.346	1414	1421	1429	rVB	174978	313123	3.12%	0.257%
59	11.540	1448	1454	1460	rVB2	166198	283578	2.83%	0.233%
60	11.757	1487	1491	1497	rVB	96982	169955	1.69%	0.139%
61	11.822	1497	1502	1511	rBV2	117520	234731	2.34%	0.192%
62	11.916	1511	1518	1524	rBV6	47427	132474	1.32%	0.109%
63	11.987	1524	1530	1535	rBV2	160197	268961	2.68%	0.221%
64	12.063	1540	1543	1553	rVB3	77615	153128	1.53%	0.126%
65	12.322	1574	1587	1592	rBV3	300882	653318	6.51%	0.536%
66	12.410	1597	1602	1610	rVV3	94558	206633	2.06%	0.169%
67	13.163	1721	1730	1734	rVV4	62106	172249	1.72%	0.141%
68	13.257	1743	1746	1751	rVV3	97197	174758	1.74%	0.143%
69	13.351	1757	1762	1767	rVB	129777	210260	2.10%	0.172%
70	13.428	1769	1775	1778	rBV3	82379	136769	1.36%	0.112%
71	13.469	1778	1782	1788	rVV5	93794	197159	1.97%	0.162%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C54

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BN060419MA.M
Title : SVOA CALIBRATION

72	13.616	1801	1807	1813	rVV	138393	311216	3.10%	0.255%
73	13.710	1817	1823	1832	rVV	3761037	5398084	53.83%	4.426%
74	13.851	1843	1847	1850	rVV	101790	155503	1.55%	0.127%
75	13.993	1864	1871	1885	rVV	4533894	6894637	68.75%	5.653%
76	14.298	1915	1923	1931	rVV2	2608133	4133679	41.22%	3.389%
77	14.469	1949	1952	1955	rVV2	98774	169435	1.69%	0.139%
78	14.510	1955	1959	1969	rVV3	358273	803487	8.01%	0.659%
79	14.593	1970	1973	1981	rVV6	55633	169809	1.69%	0.139%
80	14.698	1983	1991	1998	rVV4	102764	312033	3.11%	0.256%
81	14.781	2000	2005	2011	rVV3	72028	165007	1.65%	0.135%
82	14.922	2024	2029	2036	rVV3	117852	238428	2.38%	0.195%
83	15.298	2084	2093	2099	rVV	5367346	7732919	77.11%	6.340%
84	15.351	2099	2102	2107	rVB2	134076	199822	1.99%	0.164%
85	15.428	2107	2115	2120	rBV	1671700	2264575	22.58%	1.857%
86	15.481	2120	2124	2127	rVV2	153679	260305	2.60%	0.213%
87	16.410	2277	2282	2289	rBV2	86006	139371	1.39%	0.114%
88	17.051	2385	2391	2397	rBV2	2969686	4401597	43.89%	3.609%
89	17.151	2402	2408	2420	rVV2	5470100	8148521	81.25%	6.681%
90	17.957	2536	2545	2553	rBV7	76821	202639	2.02%	0.166%
91	19.469	2795	2802	2815	rBV	6542056	9329058	93.02%	7.649%
92	21.280	3105	3110	3127	rBV	3441725	4649892	46.37%	3.812%
93	21.880	3209	3212	3217	rVB	164885	193708	1.93%	0.159%
94	22.345	3288	3291	3297	rVB	326574	431604	4.30%	0.354%
95	22.851	3373	3377	3384	rBV	425955	623955	6.22%	0.512%
96	23.386	3460	3468	3484	rBV2	4938152	10028829	100.00%	8.222%
97	23.527	3485	3492	3508	rVB	2461712	4756826	47.43%	3.900%
98	24.063	3578	3583	3590	rVB	490109	883608	8.81%	0.724%
99	24.804	3703	3709	3719	rVB	407172	863686	8.61%	0.708%
100	25.663	3850	3855	3863	rVB2	257479	590284	5.89%	0.484%

Sum of corrected areas: 121968347

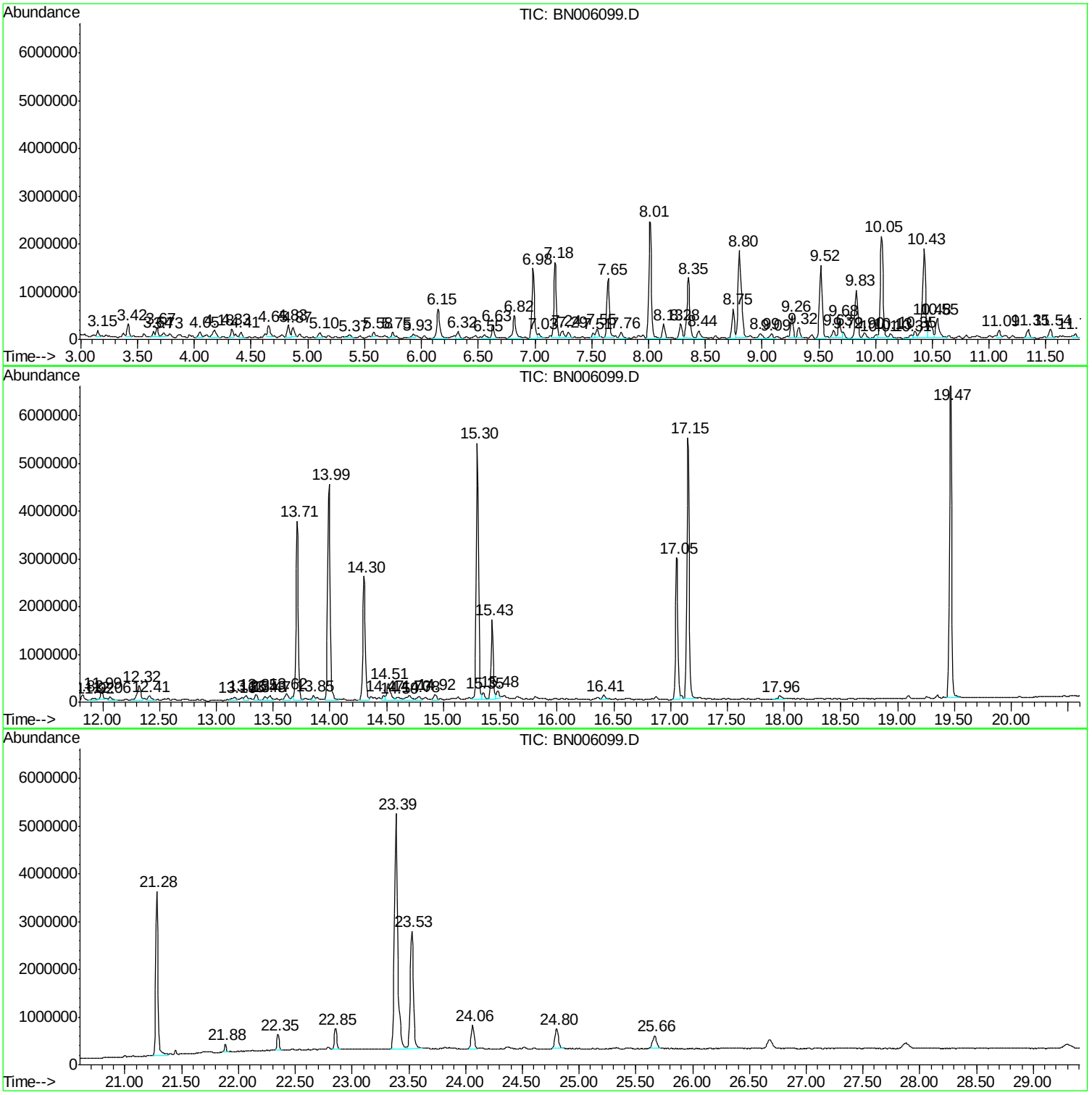
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006099.D
Acq On : 05 Jun 2019 15:01
Operator : JU/SJ
Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C54

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.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\BN060519\
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Instrument : BNA_N
ClientSampleId : C0C54

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

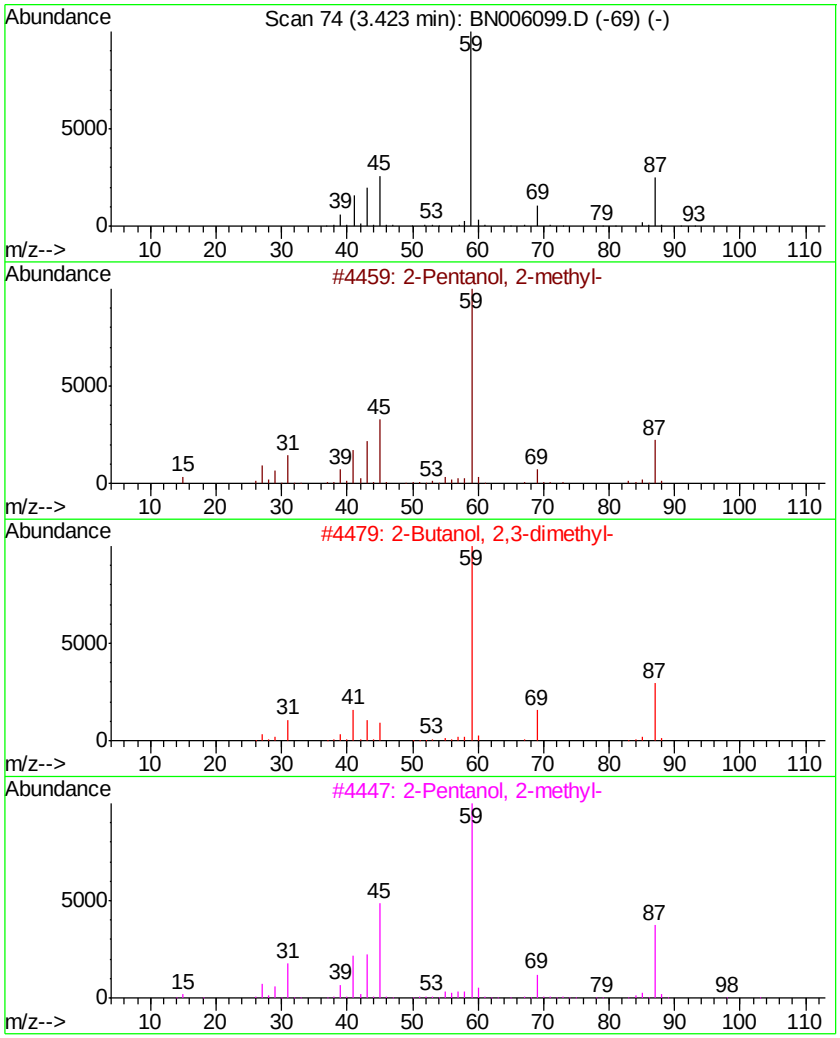
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

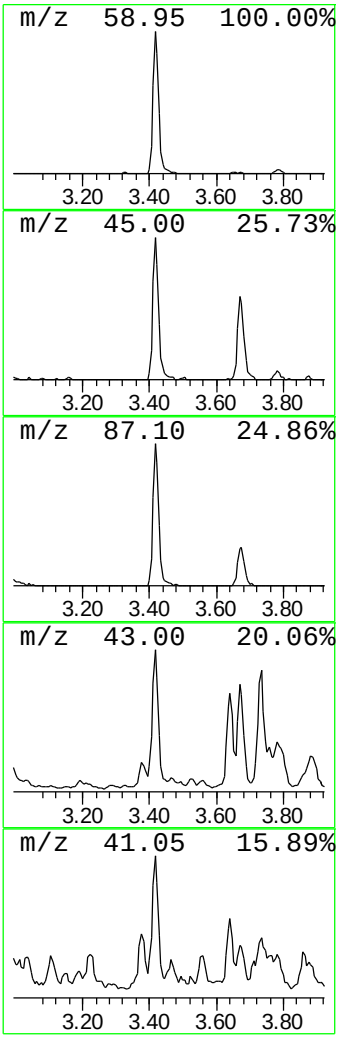
****

Peak Number 1 2-Pentanol, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	3.34 ng/ul	349976	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	83
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
3	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	50
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	45
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006099.D
Acq On : 05 Jun 2019 15:01
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Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C54

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

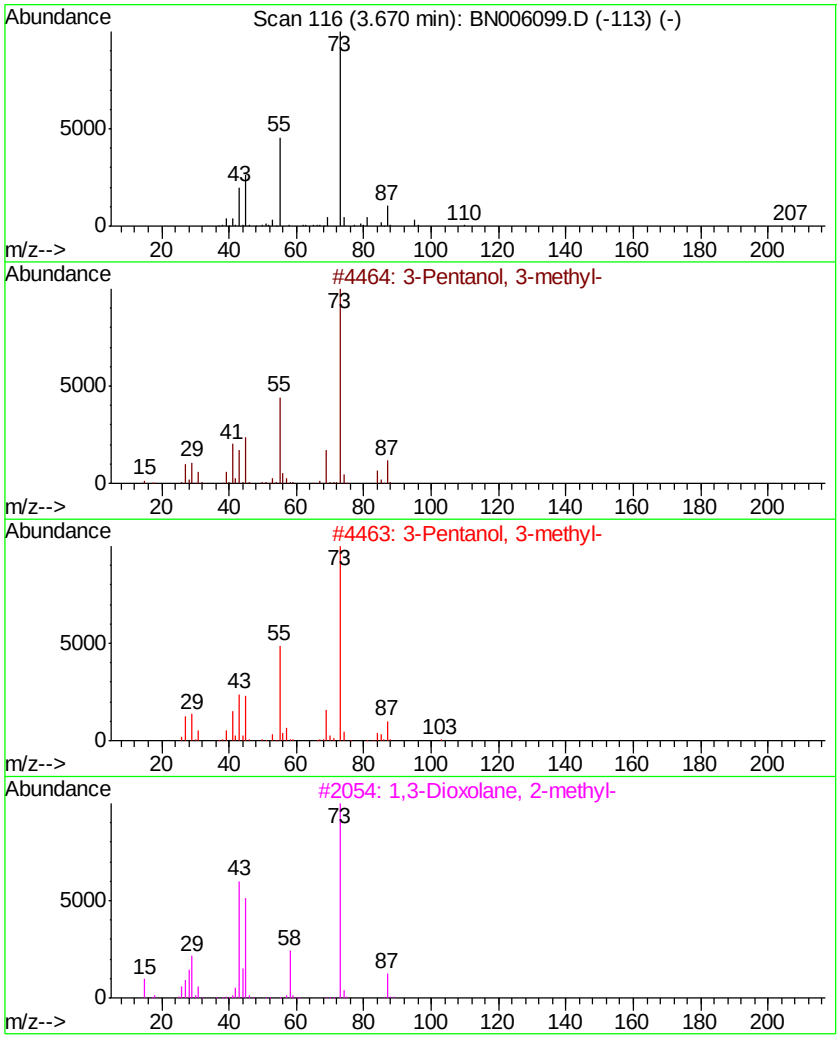
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

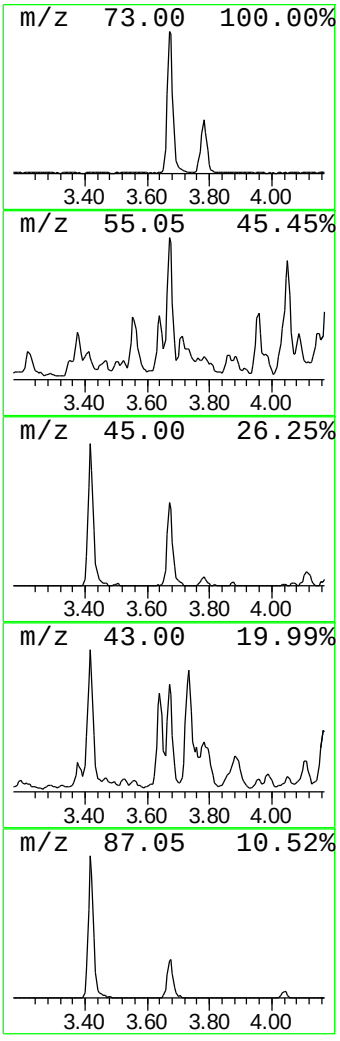
****

Peak Number 2 3-Pentanol, 3-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.67	2.13 ng/ul	222817	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	56
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Instrument : BNA_N
ClientSampleId : C0C54

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

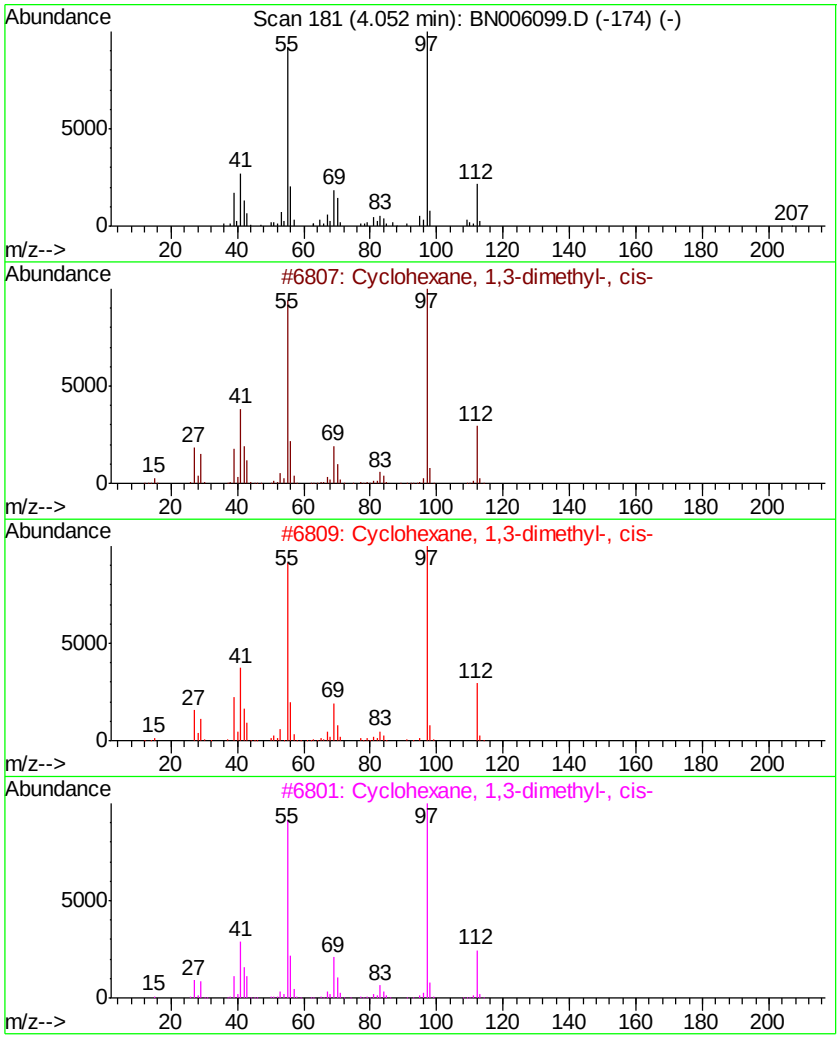
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

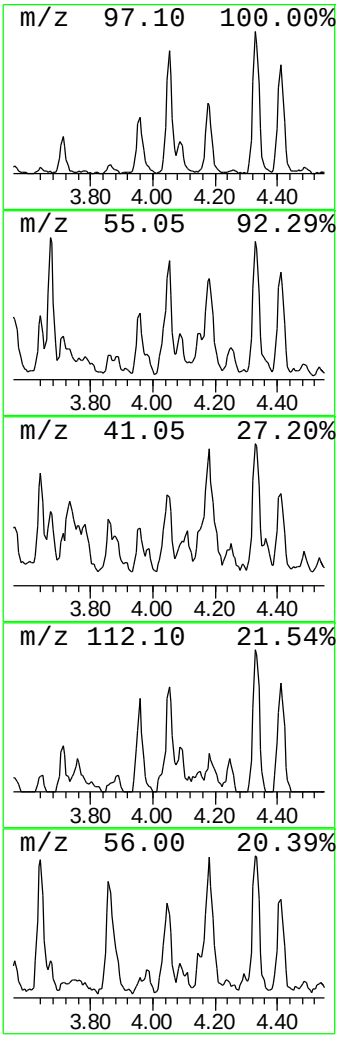
****

Peak Number 3 (DEL) Alkane: Cyclic4.05 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.05	2.23 ng/ul	233487	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	95
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	94
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	87





Library Search Compound Report

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Data File : BN006099.D
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Misc :
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Instrument : BNA_N
ClientSampleId : C0C54

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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

****

Peak Number 4 (DEL) Alkane: Cyclic4.18 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	3.49 ng/ul	365549	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	76
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	53
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	50
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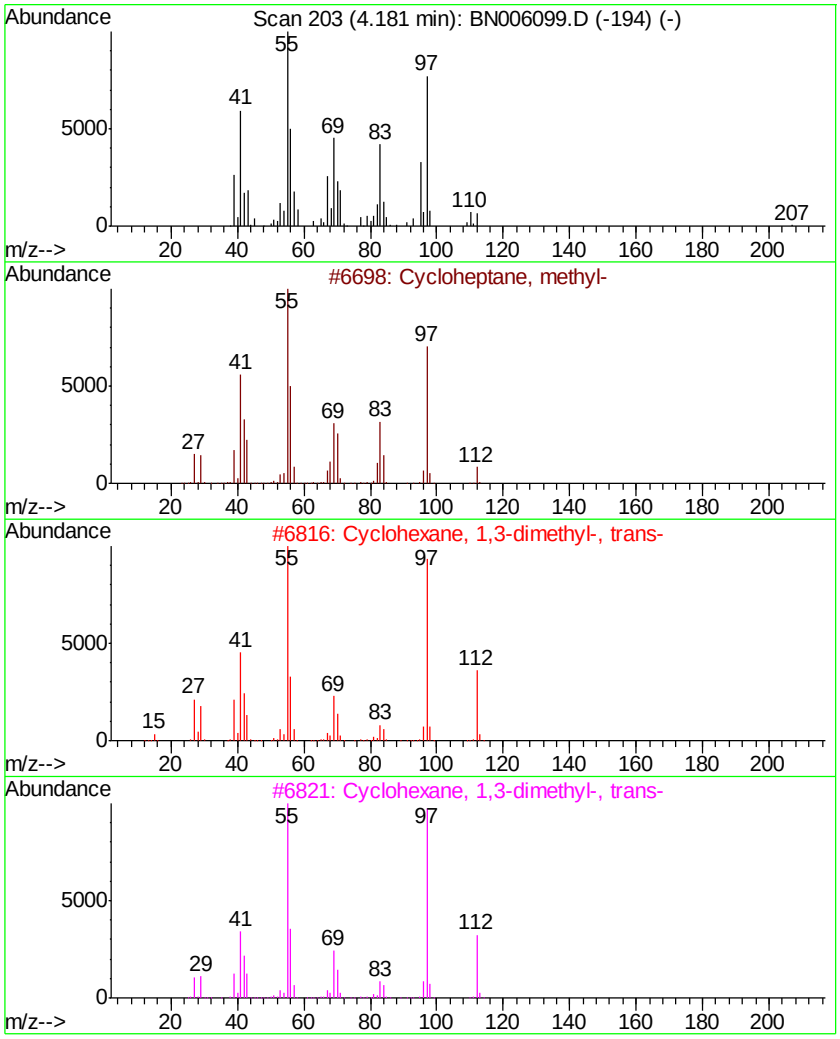

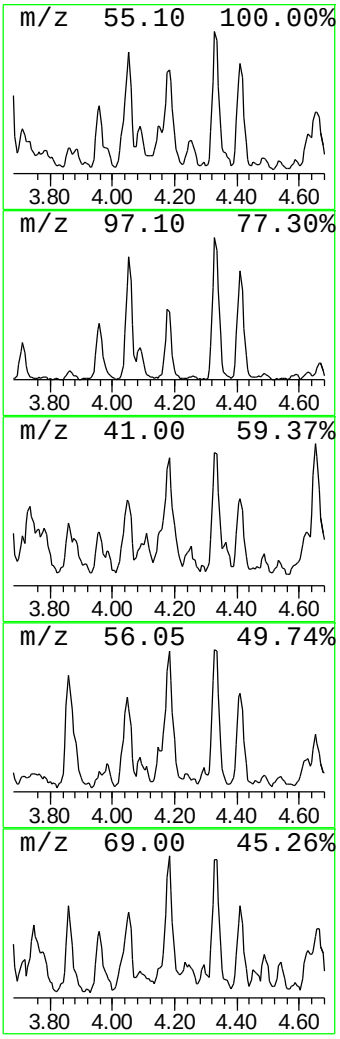

Library Search Compound Report

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Data File : BN006099.D
Acq On : 05 Jun 2019 15:01
Operator : JU/SJ
Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C54

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

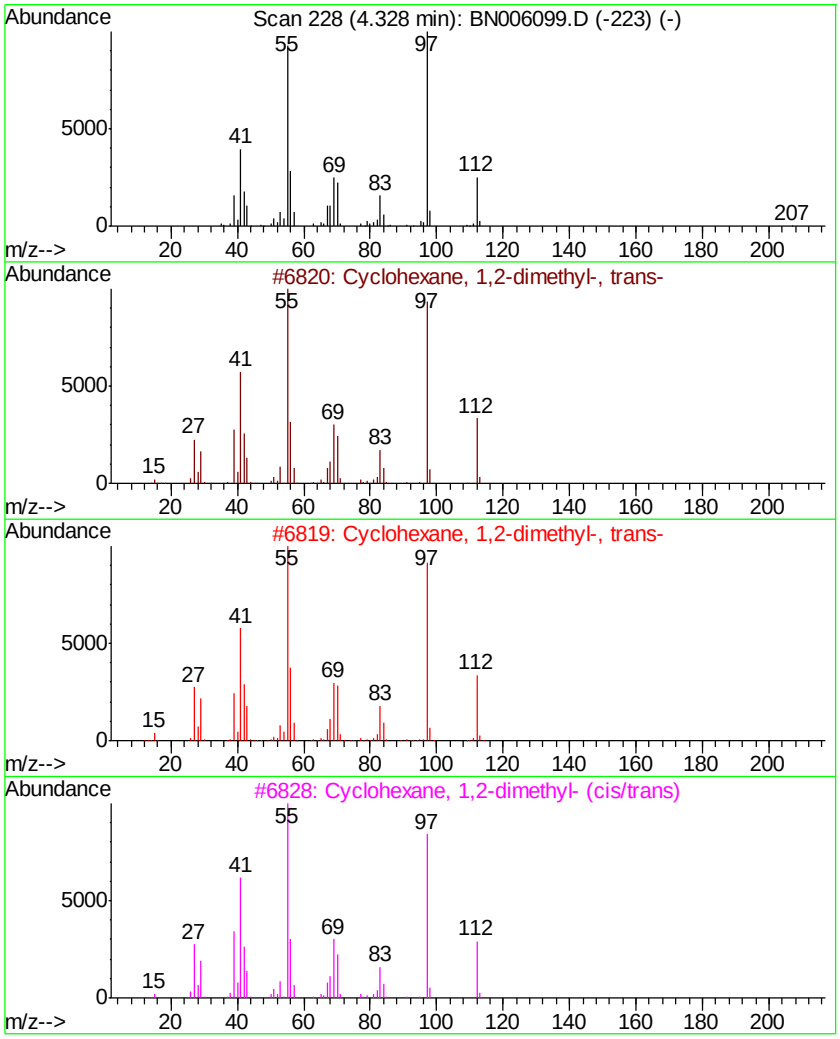
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

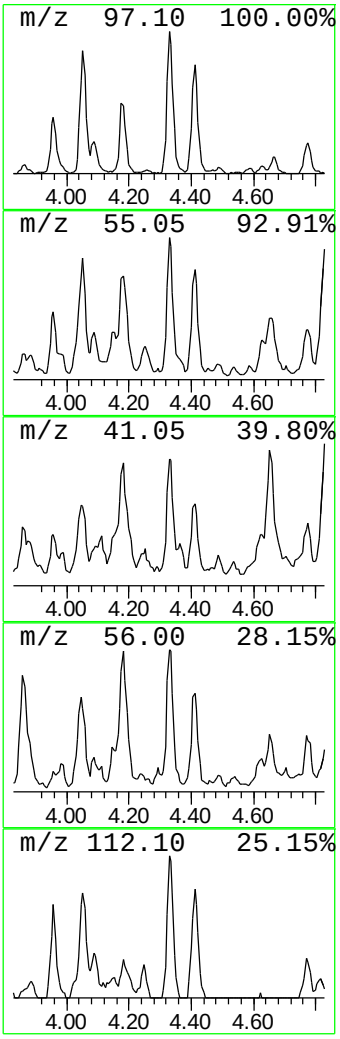
****

Peak Number 5 (DEL) Alkane: Cyclic4.33 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	2.44 ng/ul	256184	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	93
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91





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Sample : K3045-10
Misc :
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Instrument : BNA_N
ClientSampleId : C0C54

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Quant Title : SVOA CALIBRATION

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

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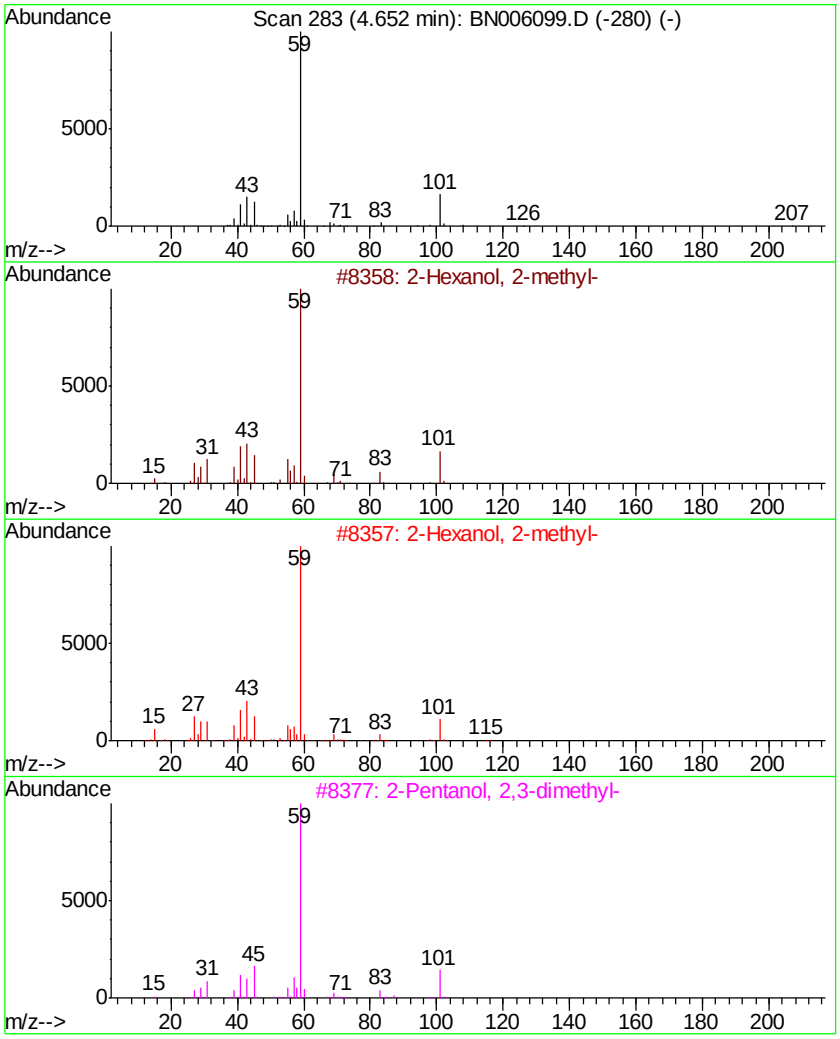
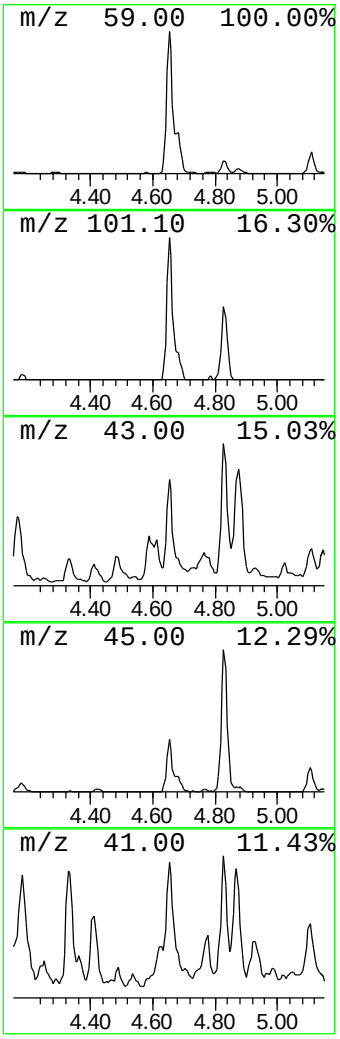
Peak Number 6 2-Hexanol, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	3.54 ng/ul	370569	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	64
3	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	43
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
5	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	43





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Quant Title : SVOA CALIBRATION

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

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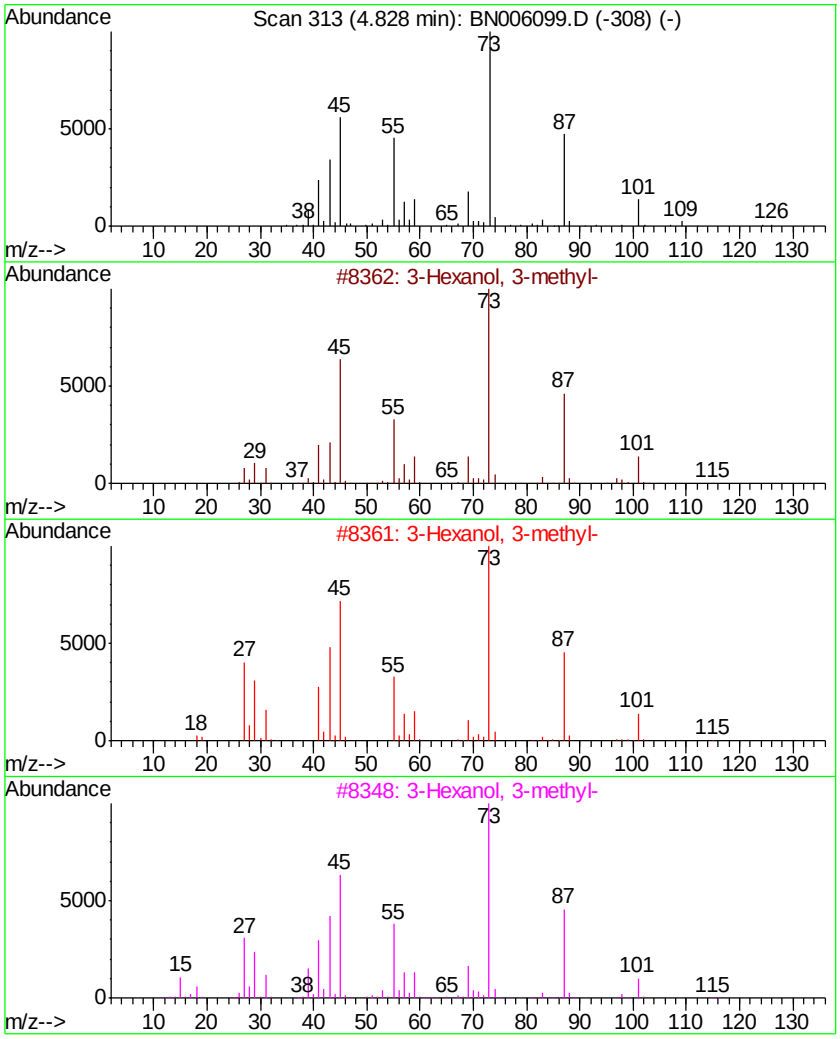
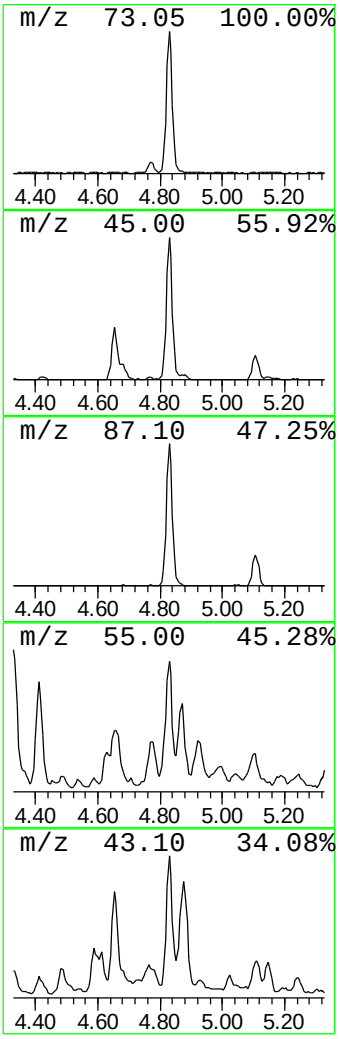
Peak Number 7 3-Hexanol, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	3.70 ng/ul	387865	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	90
2	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	86
3	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	86
4	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	64
5	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	53





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Quant Title : SVOA CALIBRATION

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

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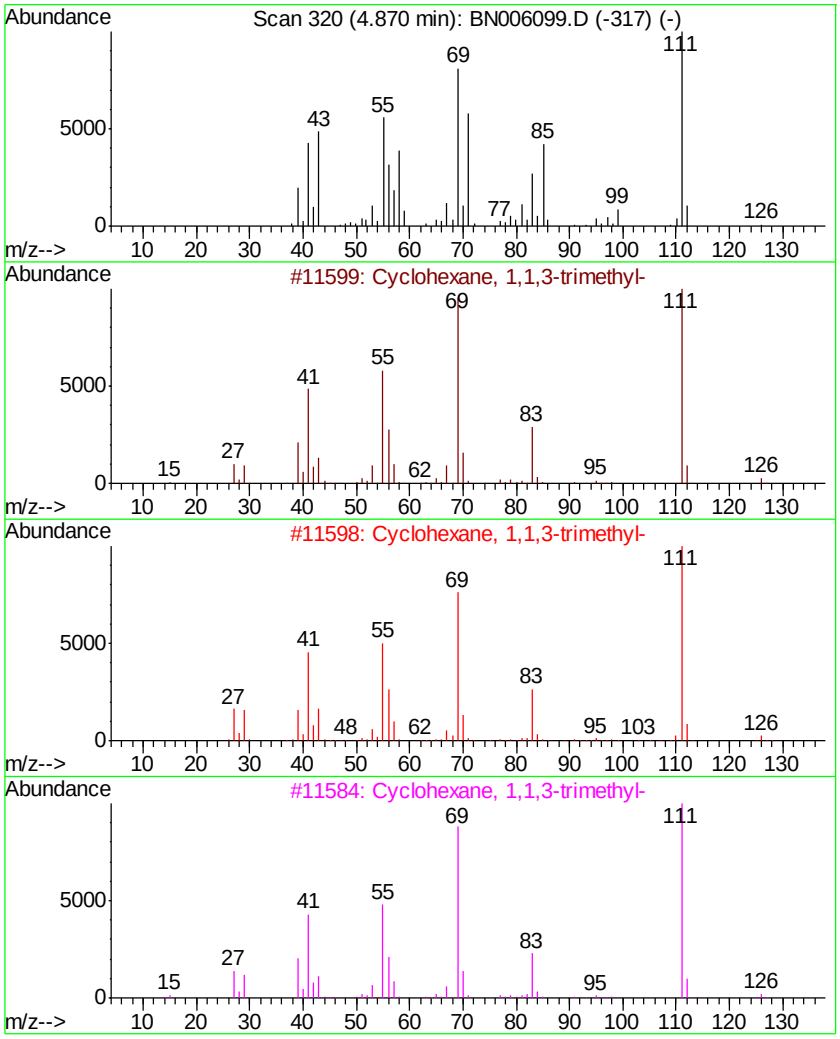
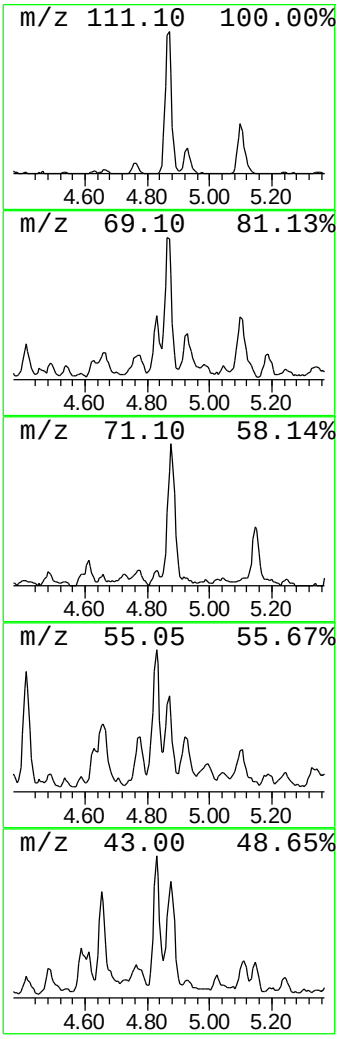
Peak Number 8 (DEL) Alkane: Cyclic4.87 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	2.98 ng/ul	311775	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	47
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	47
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	47
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	43
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43





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Quant Title : SVOA CALIBRATION

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

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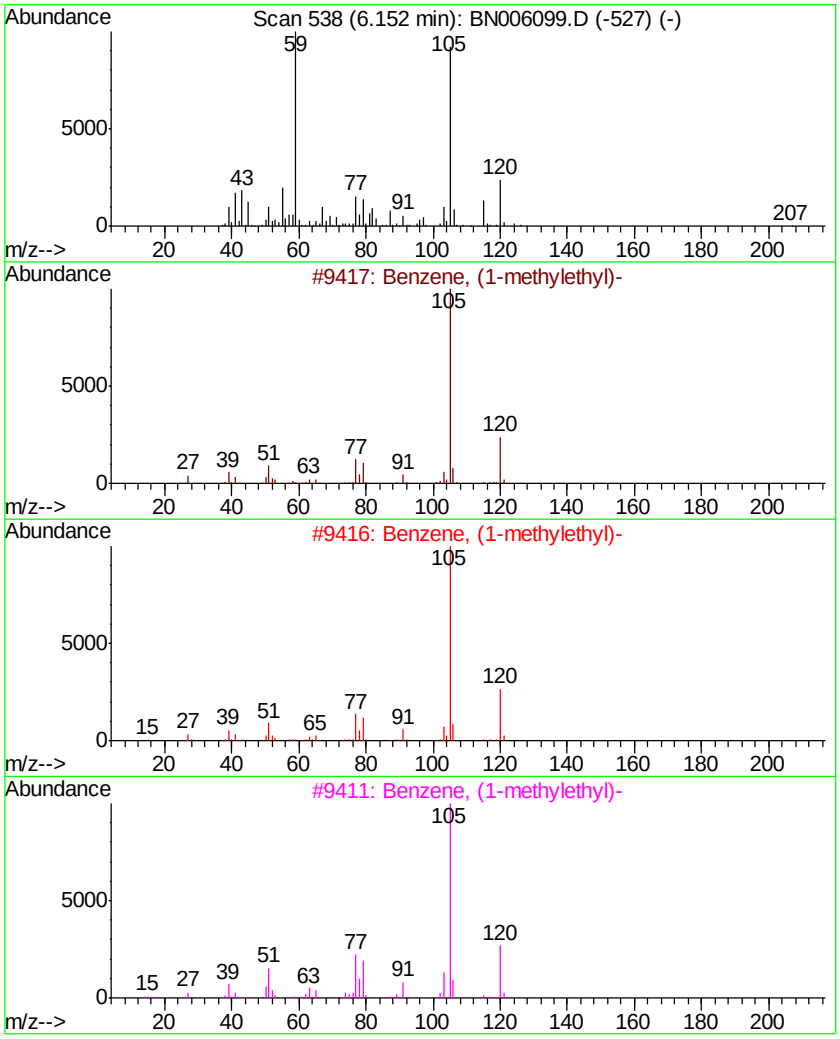
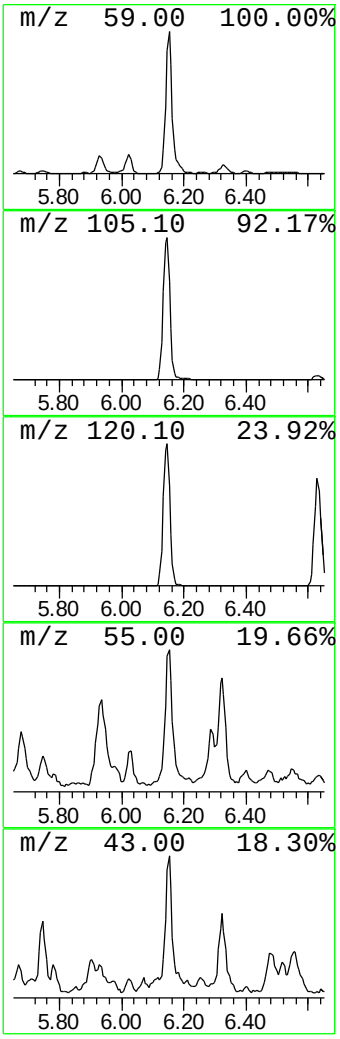
Peak Number 9 Benzene, (1-methylethyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	11.28 ng/ul	1181670	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	60
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	60
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	55
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	53





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Quant Title : SVOA CALIBRATION

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

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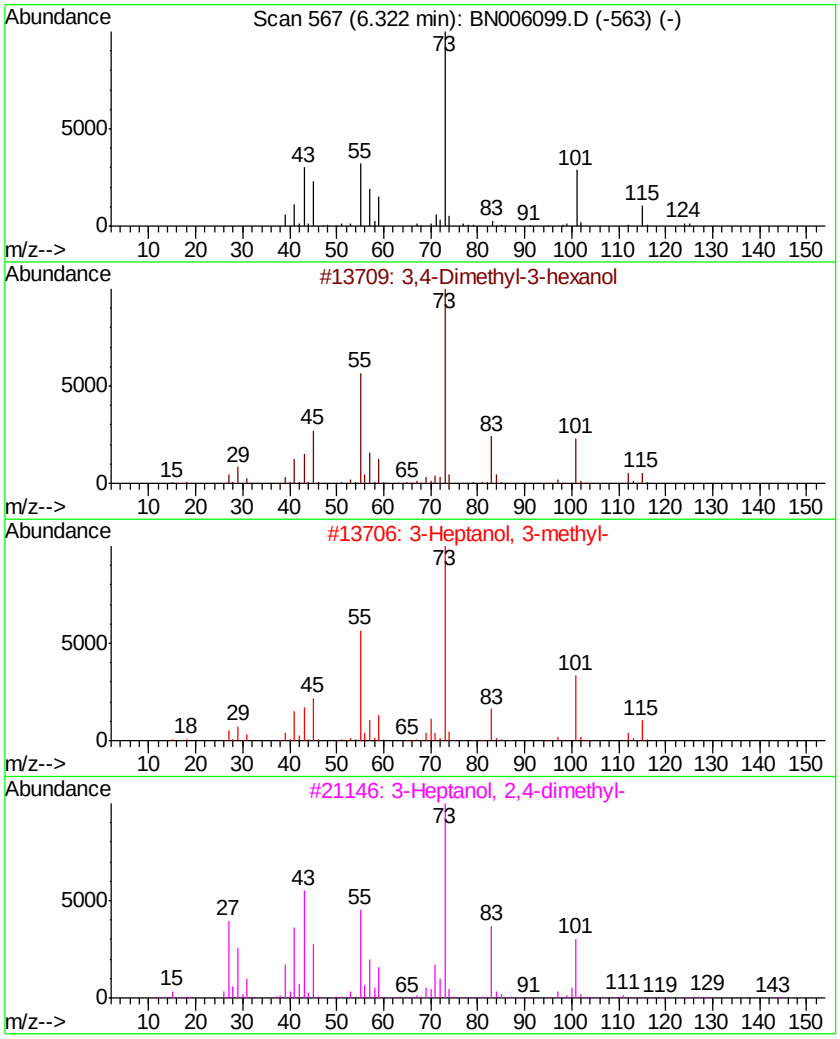
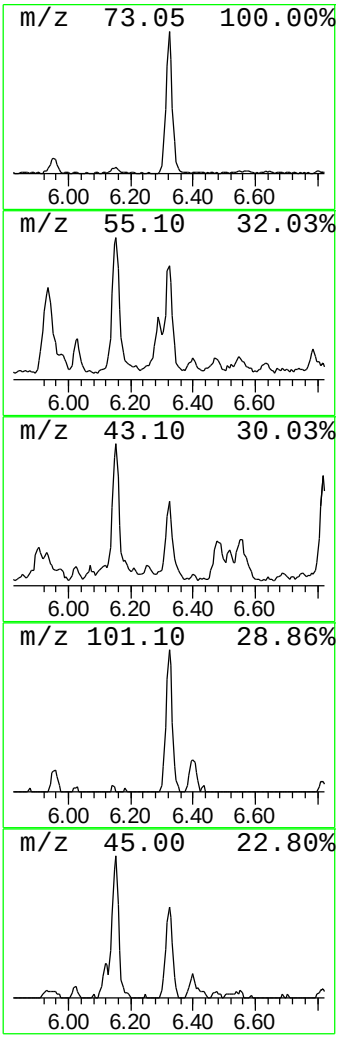
Peak Number 10 3,4-Dimethyl-3-hexanol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	2.09 ng/ul	219297	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	64
2	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	59
3	3-Heptanol, 2,4-dimethyl-	144	C9H20O	019549-72-5	42
4	3-Heptanol, 2,4-dimethyl-	144	C9H20O	019549-72-5	36
5	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	32





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Quant Title : SVOA CALIBRATION

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

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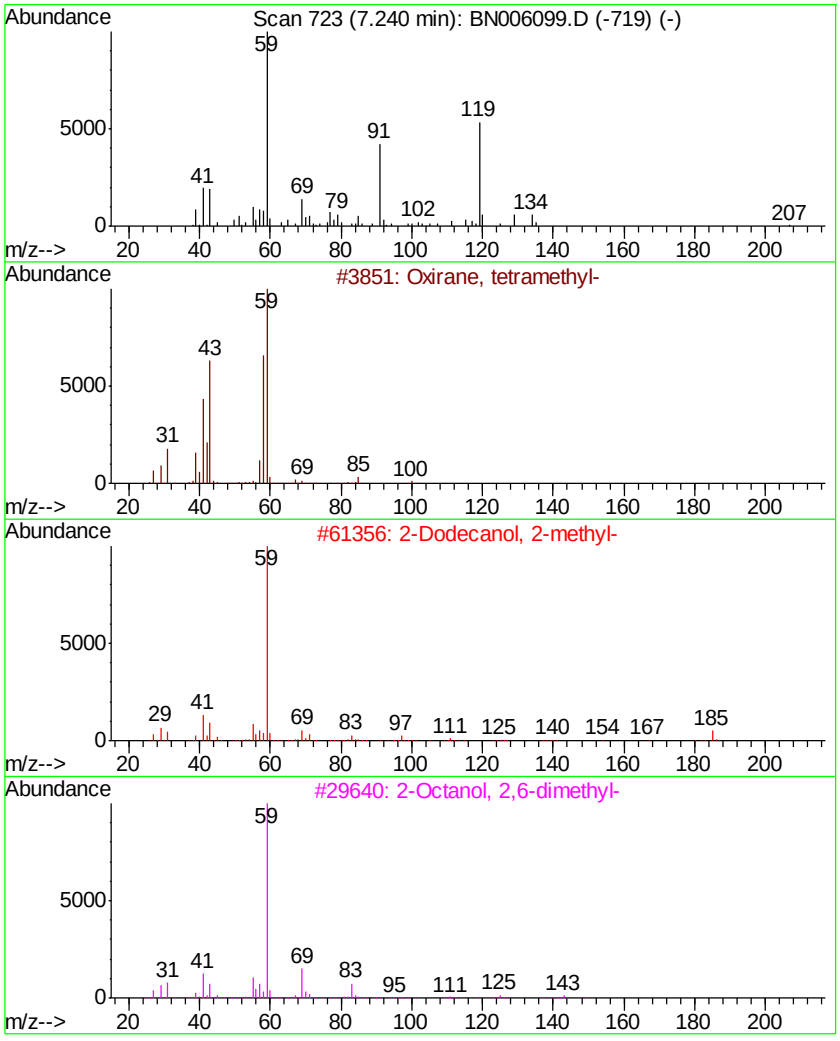
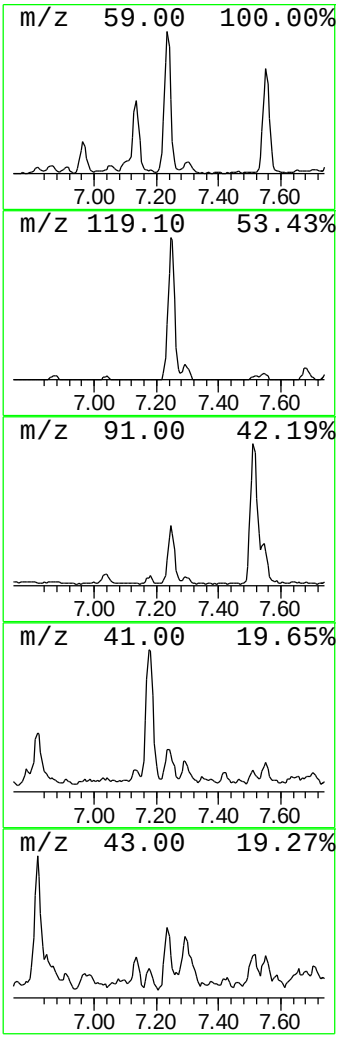
Peak Number 12 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	2.42 ng/ul	253590	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	43
2	2-Dodecanol, 2-methyl-	200	C13H28O	001653-37-8	43
3	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	43
4	Oxetane, 2,2,3-trimethyl-	100	C6H12O	023120-43-6	43
5	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	37





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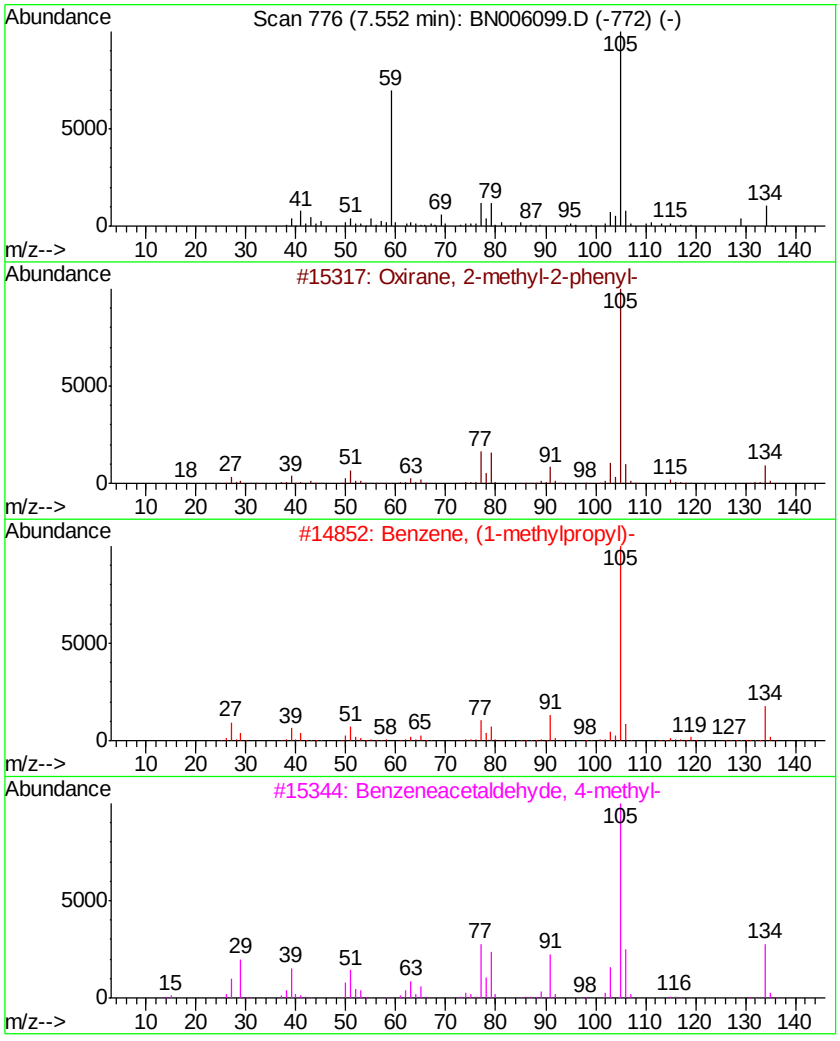
Quant Title : SVOA CALIBRATION

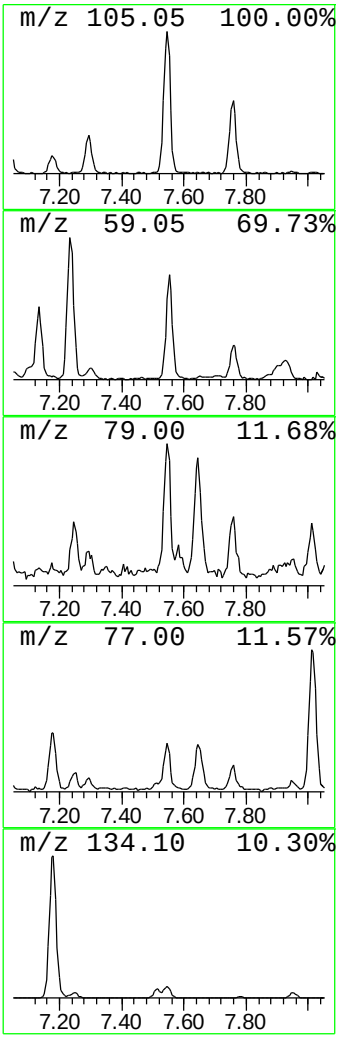
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Oxirane, 2-methyl-2-phenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	2.30 ng/ul	240588	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	60
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	47
3	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	43
4	2-Tolyloxirane	134	C9H10O	002783-26-8	38
5	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	38





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

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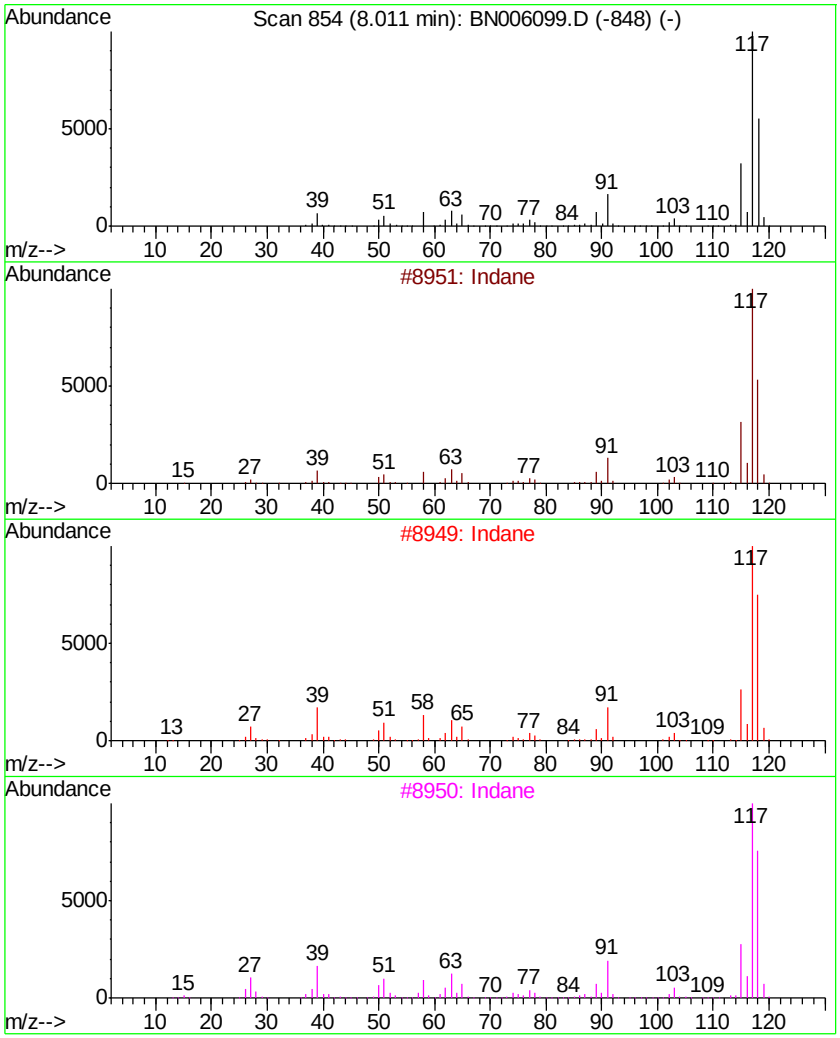
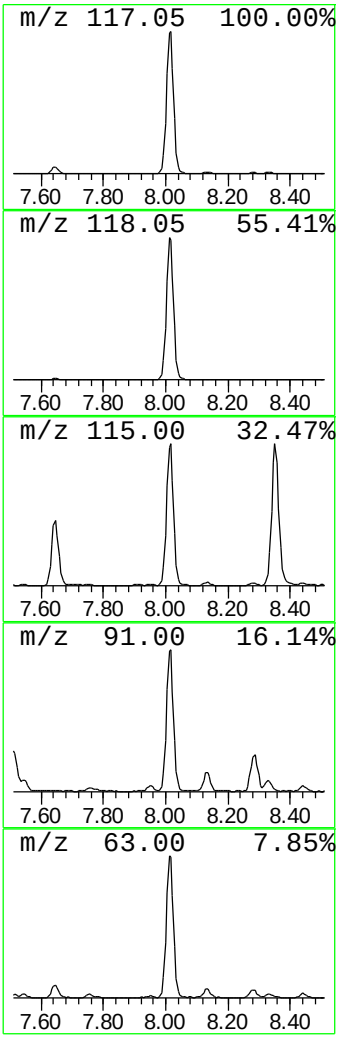
Peak Number 15 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	38.36 ng/ul	4020040	1,4-Dichlorobenzene-d4	7.65

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	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
5	Deltacyclene	118	C9H10	007785-10-6	72





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

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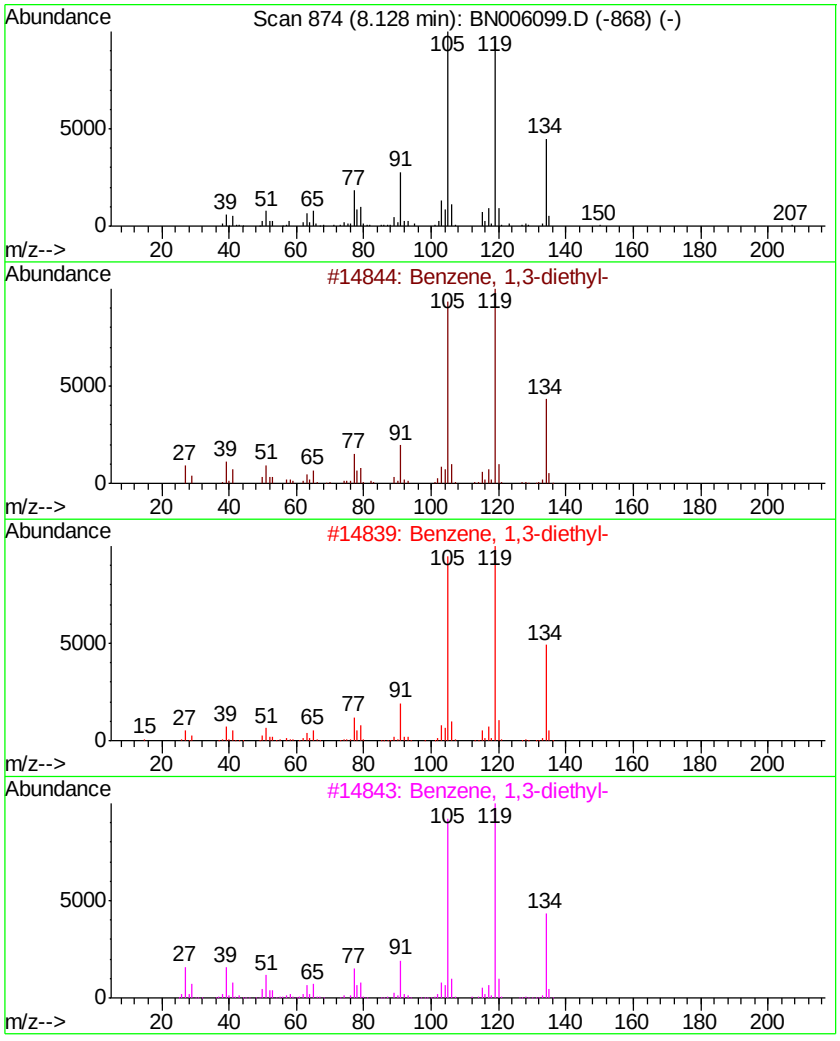
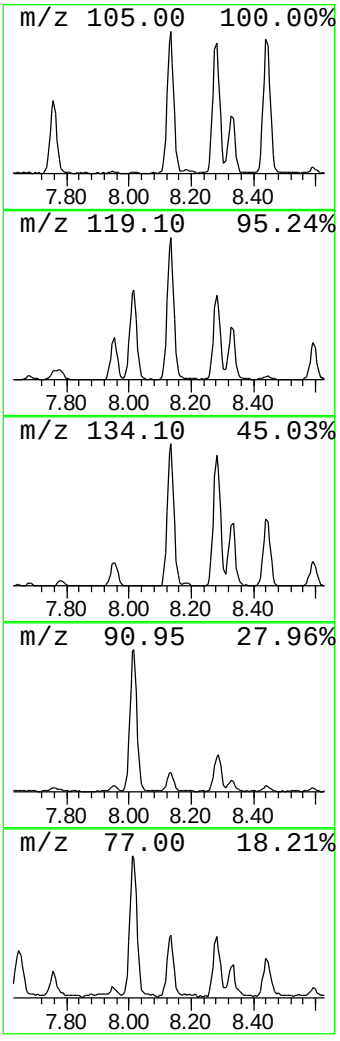
Peak Number 16 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	4.43 ng/ul	464089	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93





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

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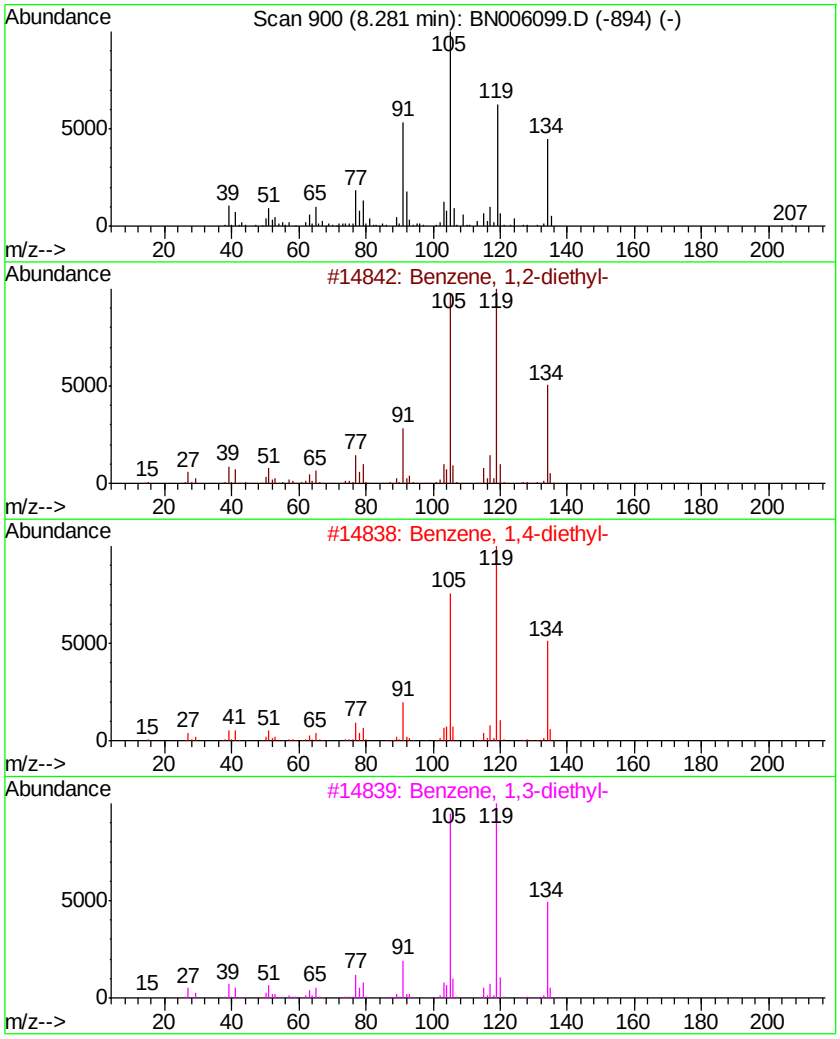
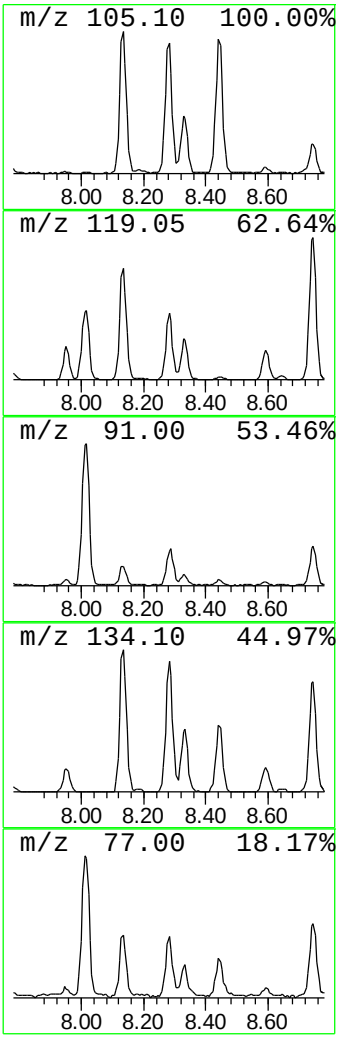
Peak Number 17 Benzene, 1,2-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	4.92 ng/ul	515270	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	81
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81





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Quant Title : SVOA CALIBRATION

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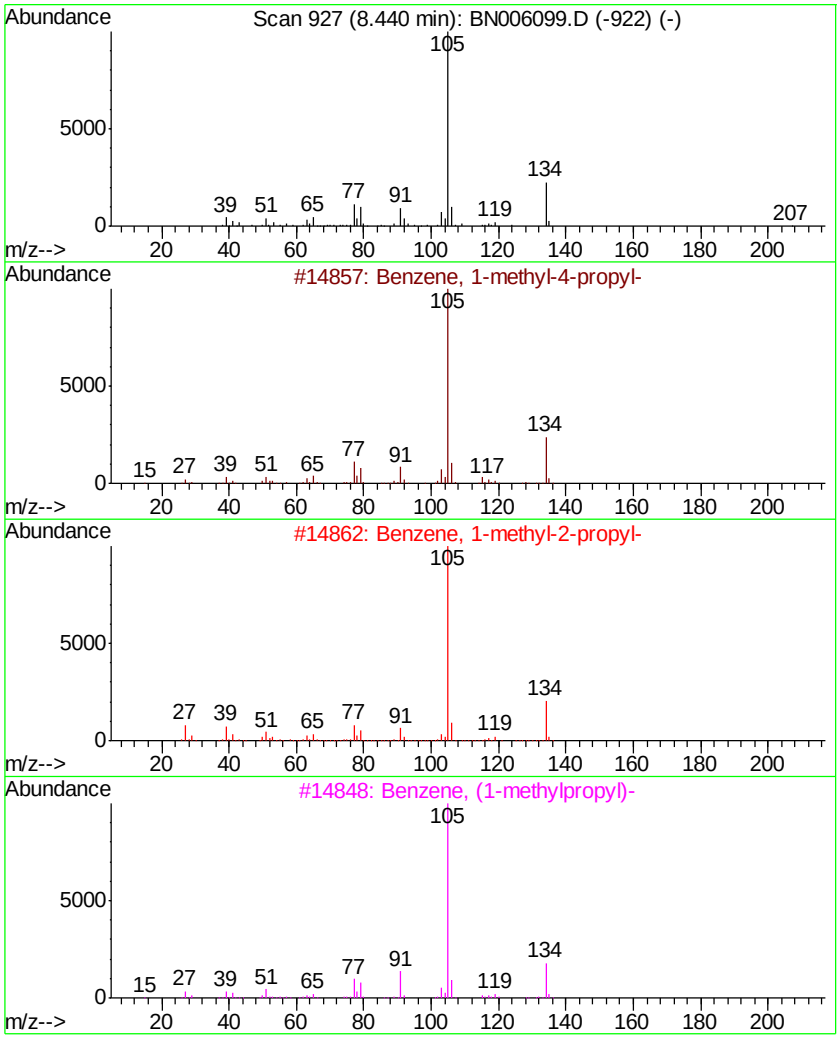
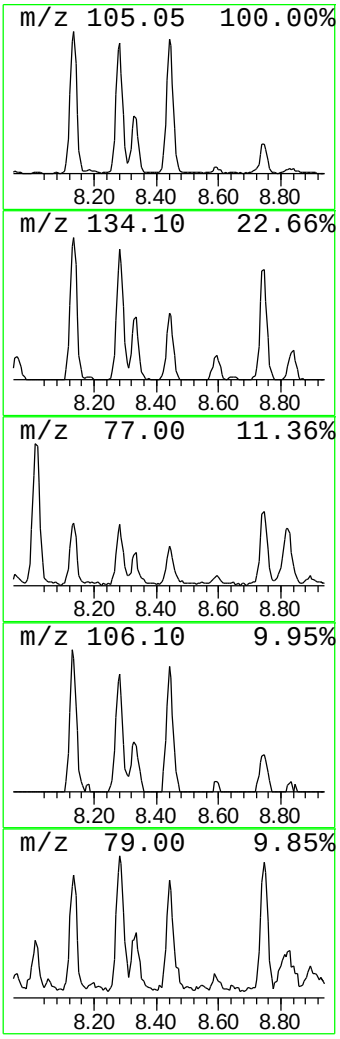
Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	2.73 ng/ul	285965	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





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ClientSampleId : C0C54

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Quant Title : SVOA CALIBRATION

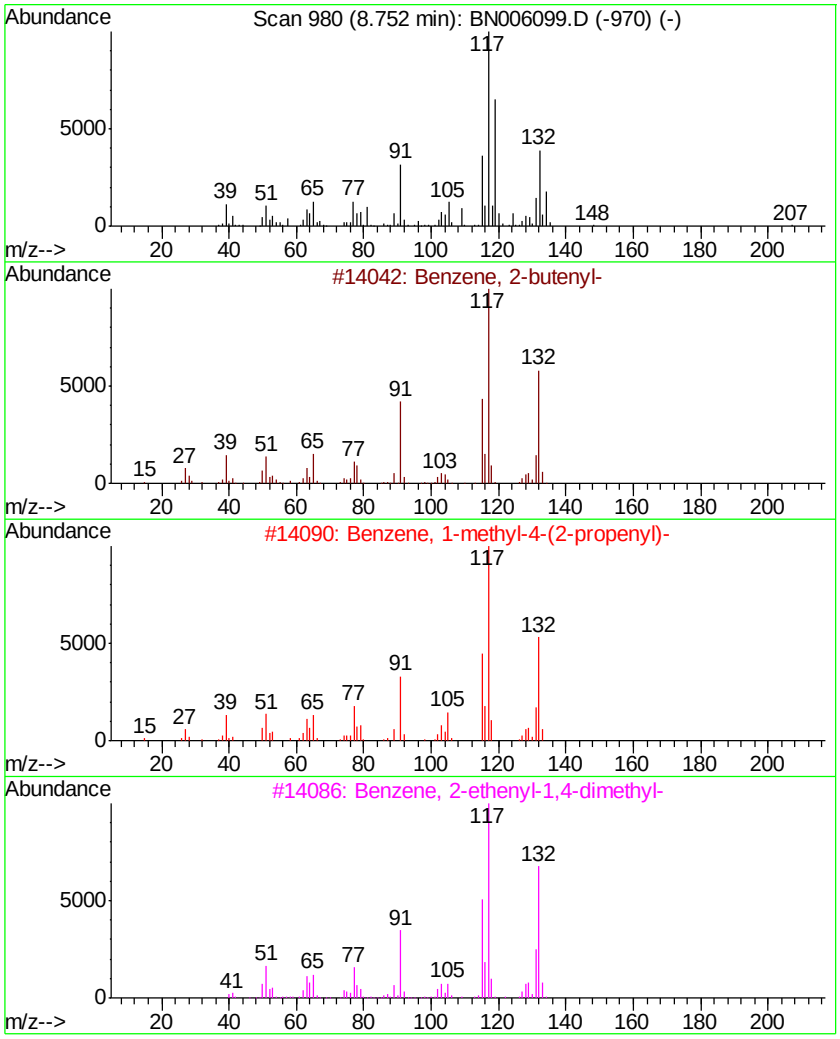
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

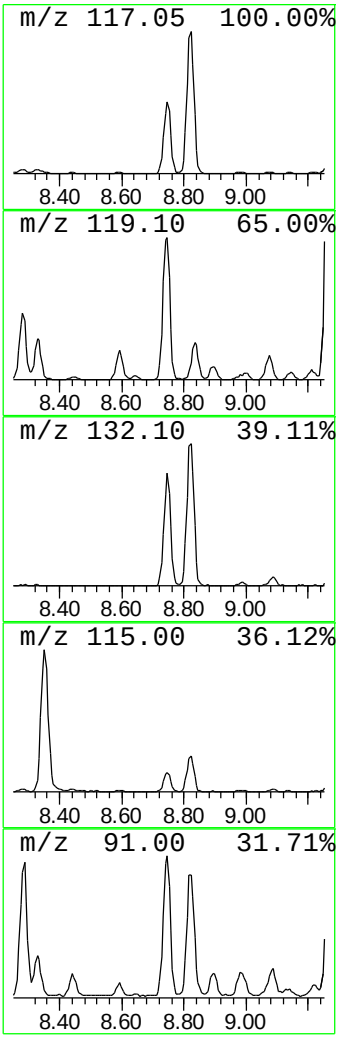
****

Peak Number 19 Benzene, 2-butenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	9.30 ng/ul	974778	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	97
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	96
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	93





Library Search Compound Report

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Data File : BN006099.D
Acq On : 05 Jun 2019 15:01
Operator : JU/SJ
Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C54

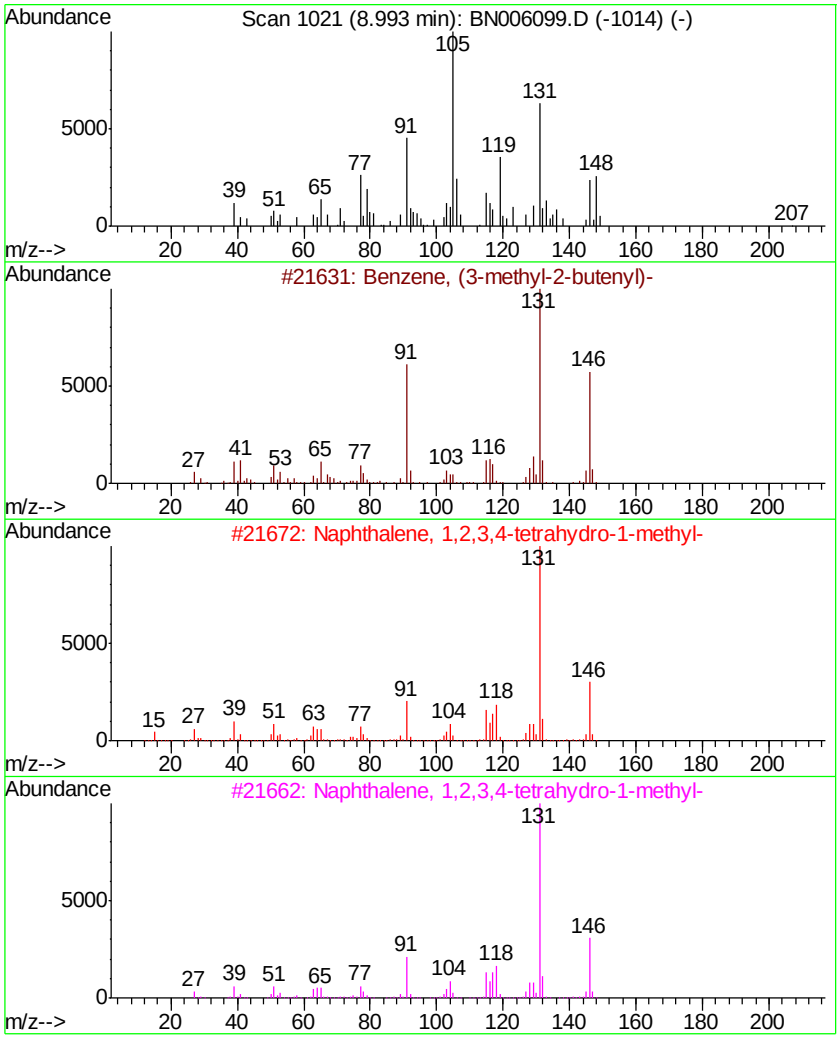
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

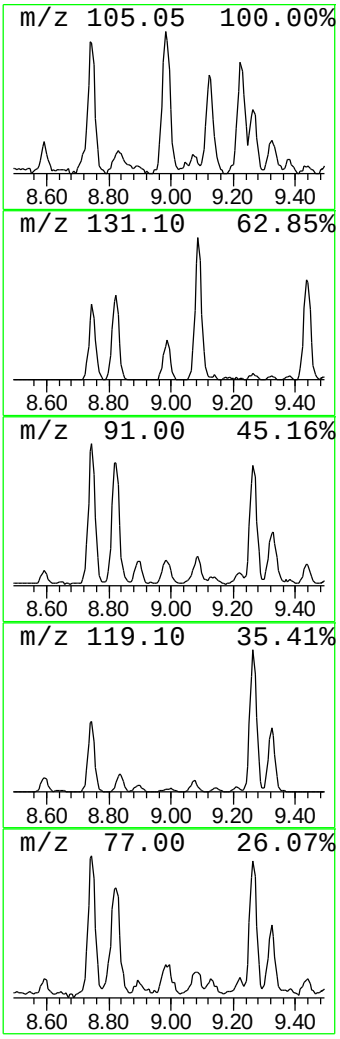
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, (3-methyl-2-butenyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	2.07 ng/ul	216535	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
4	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	64
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64





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Operator : JU/SJ
Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C54

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

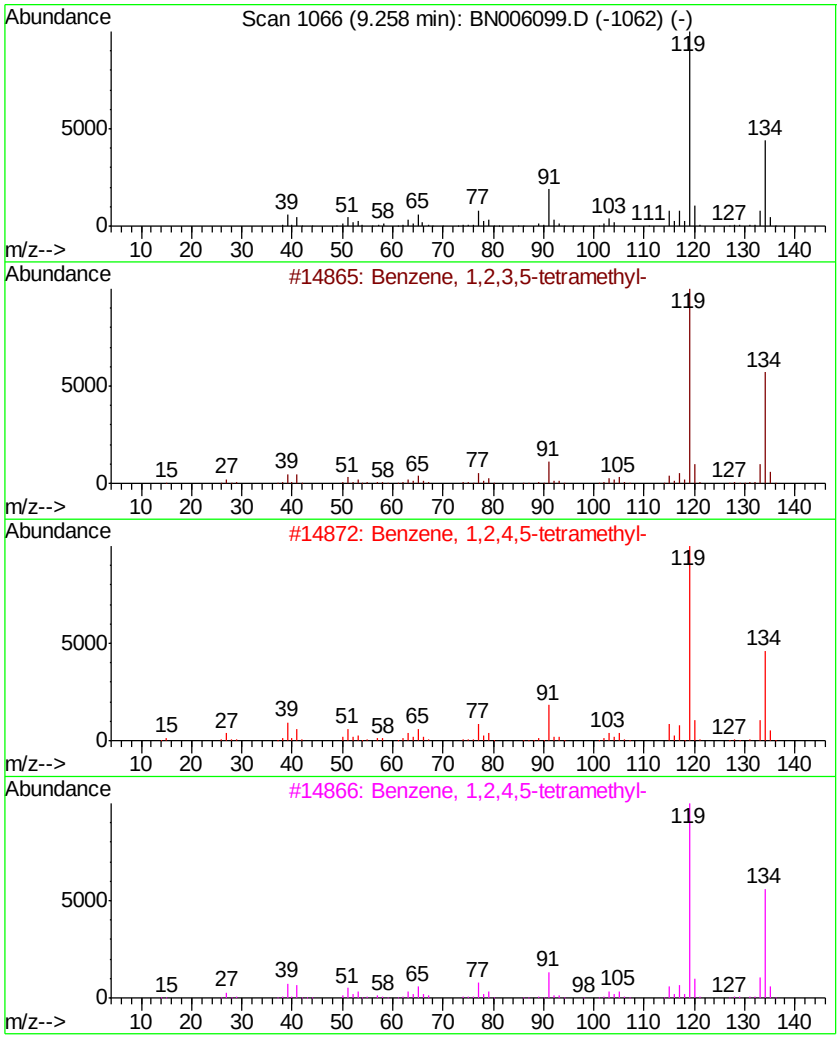
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

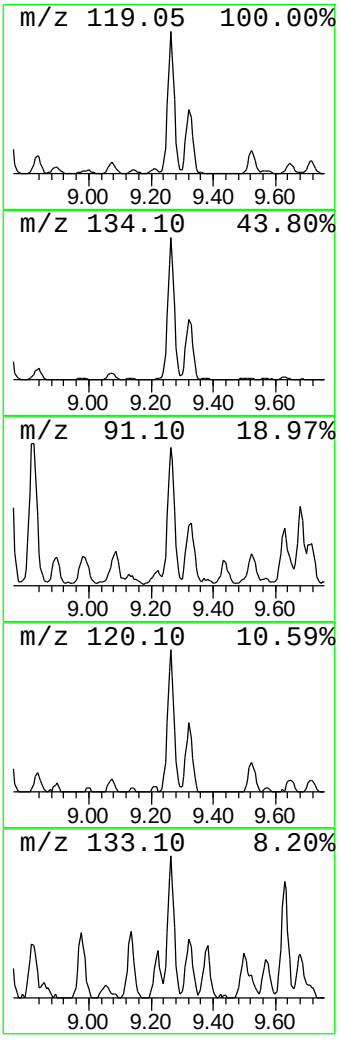
****

Peak Number 21 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	3.80 ng/ul	674032	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Library Search Compound Report

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Operator : JU/SJ
Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C54

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

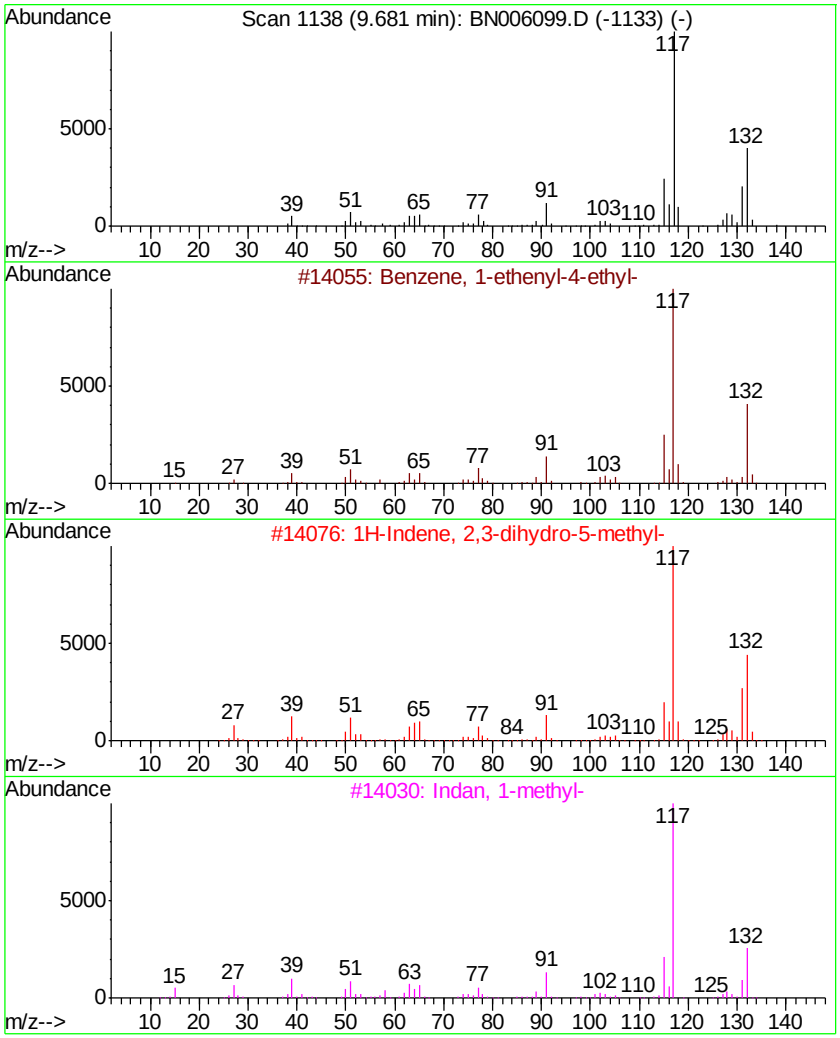
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

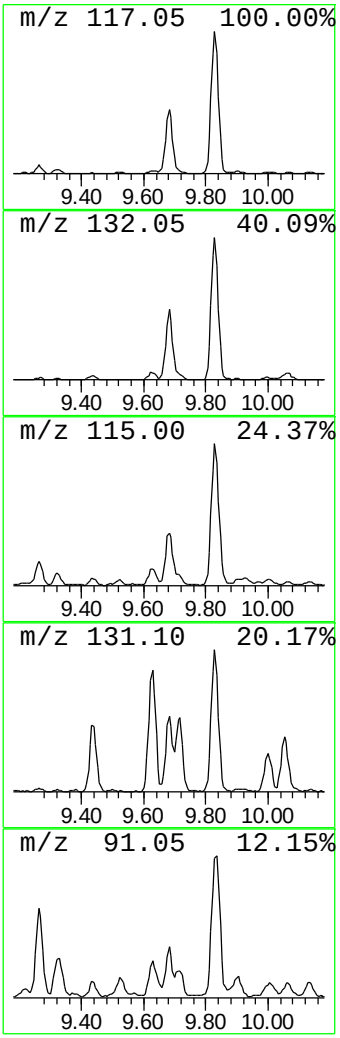
****

Peak Number 22 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	3.38 ng/ul	599319	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





Library Search Compound Report

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Operator : JU/SJ
Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C54

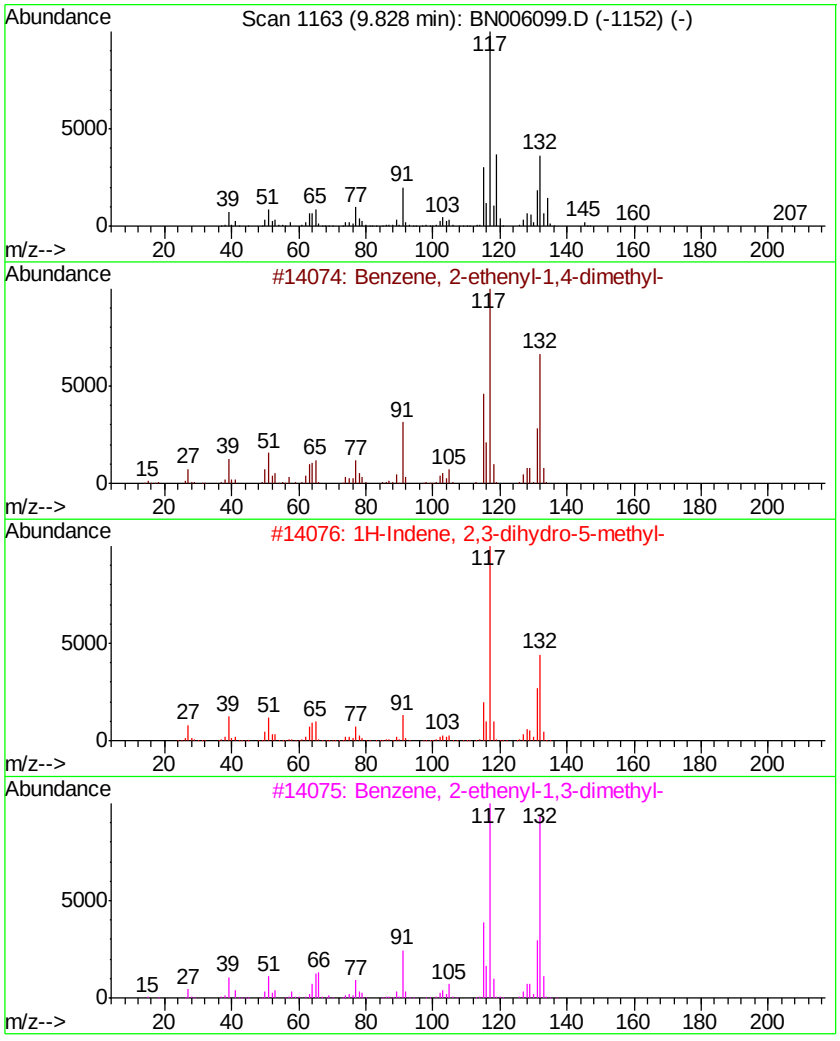
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

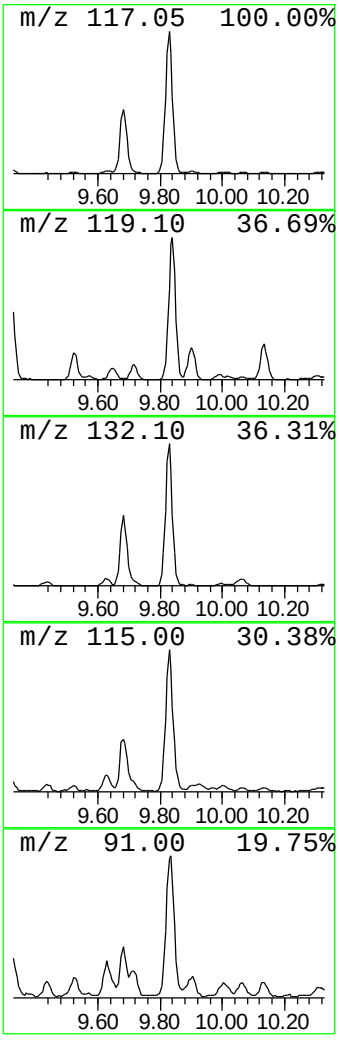
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	10.60 ng/ul	1878470	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87





Library Search Compound Report

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Operator : JU/SJ
Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

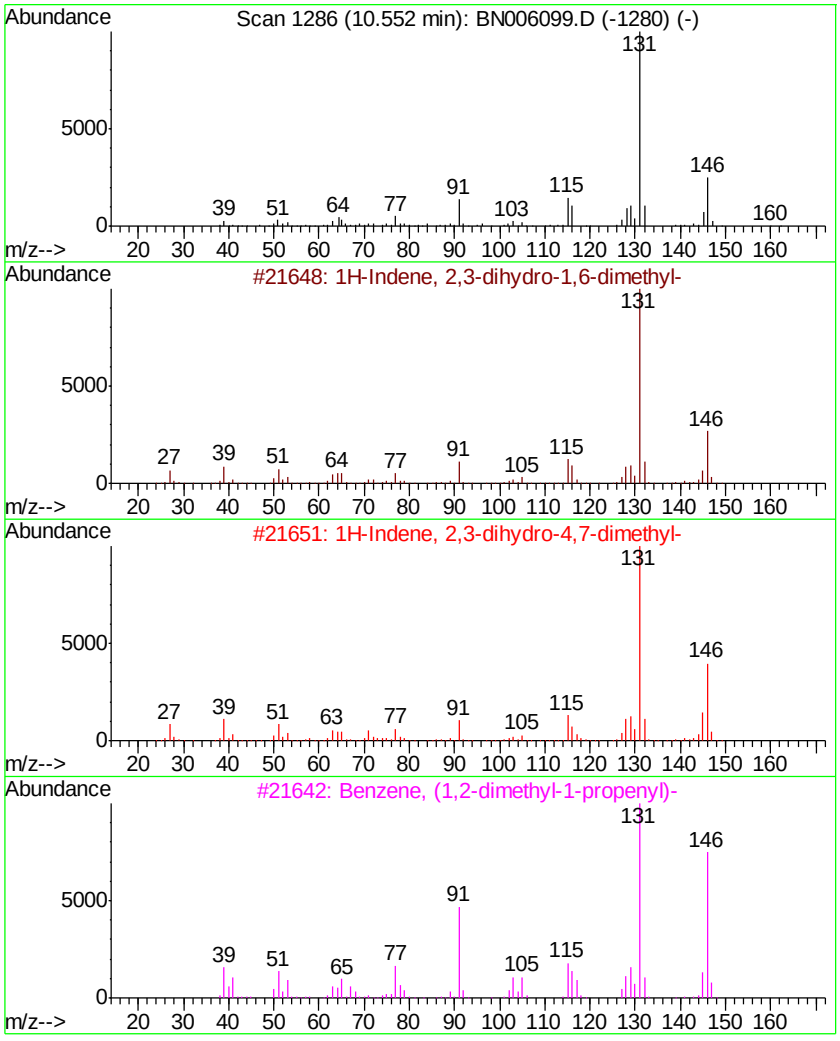
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

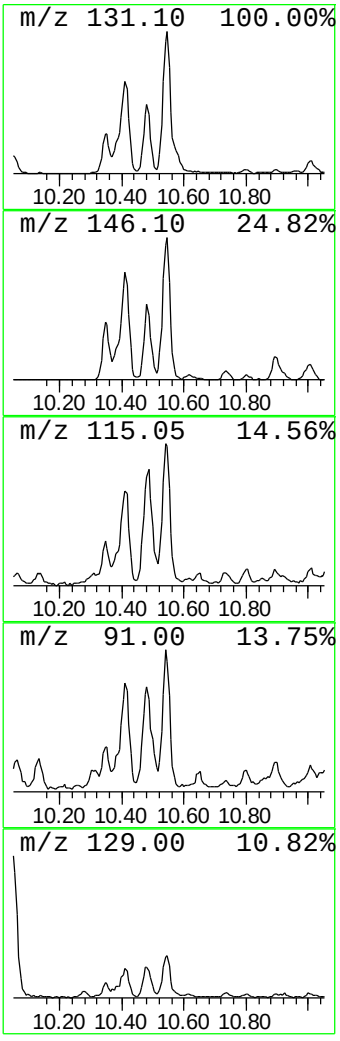
****

Peak Number 24 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	4.40 ng/ul	780644	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91





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Operator : JU/SJ
Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C54

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

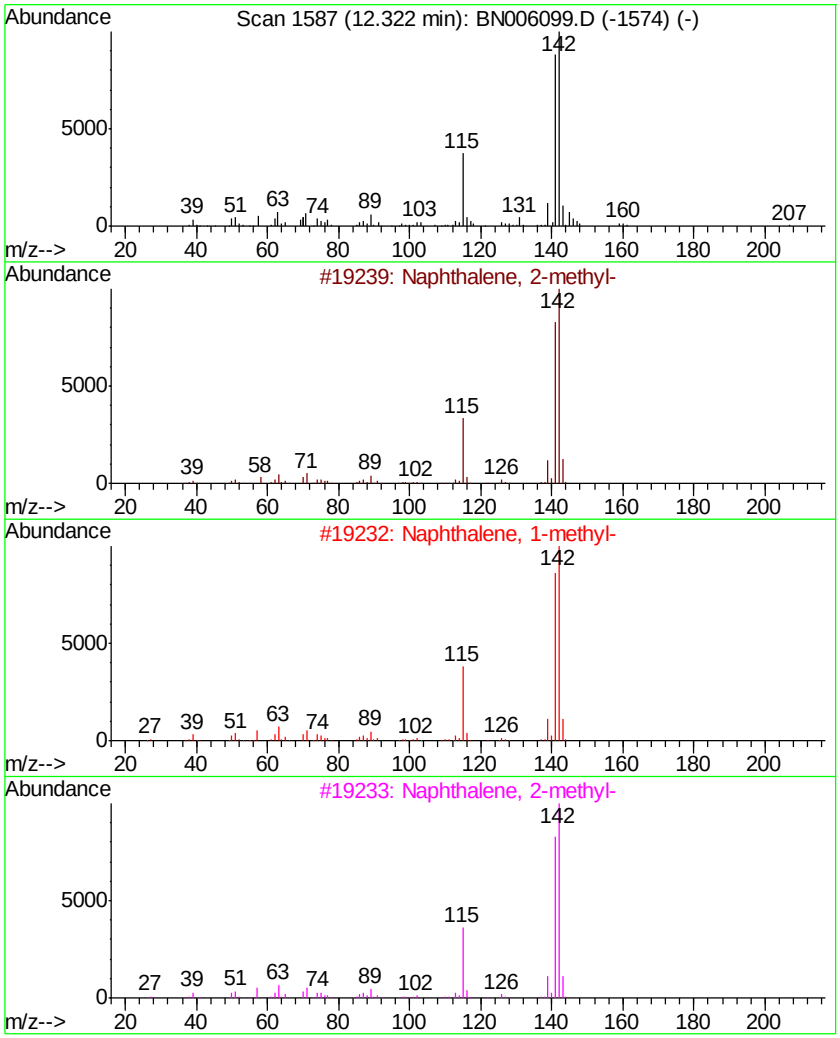
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

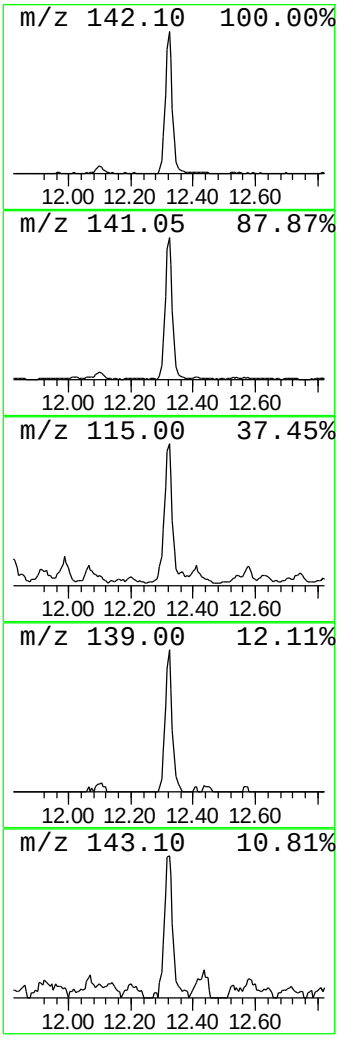
****

Peak Number 25 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	3.69 ng/ul	653318	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





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Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
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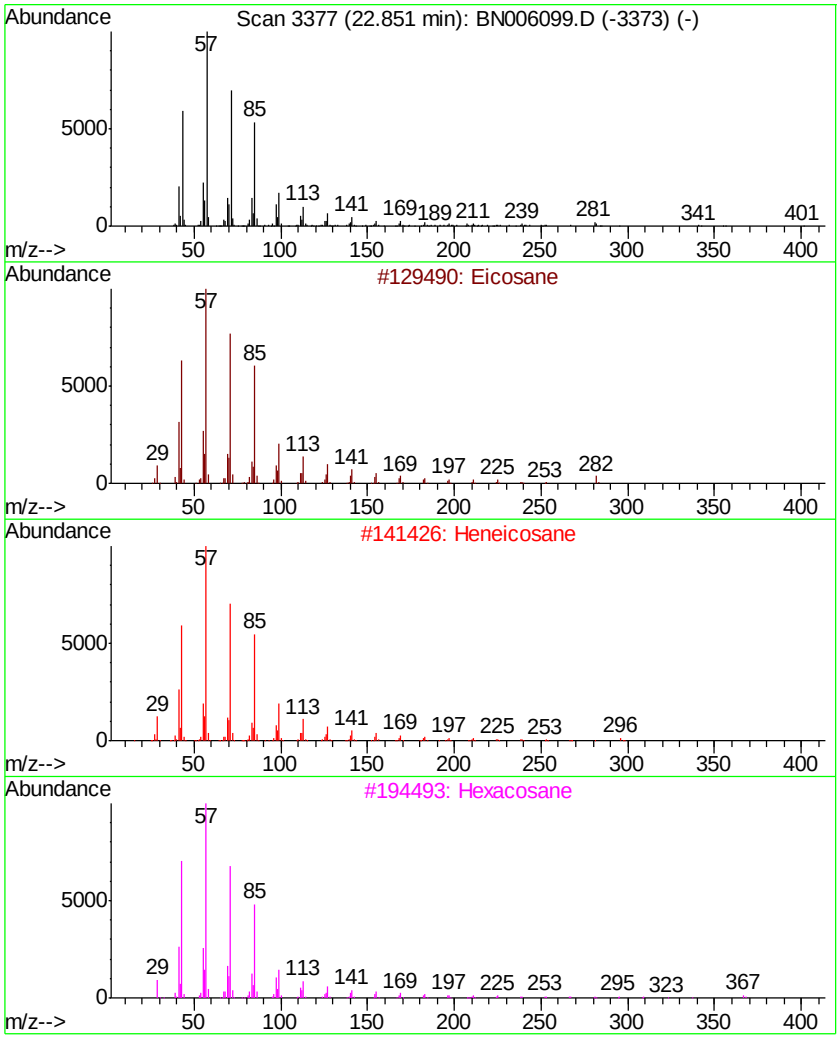
Quant Title : SVOA CALIBRATION

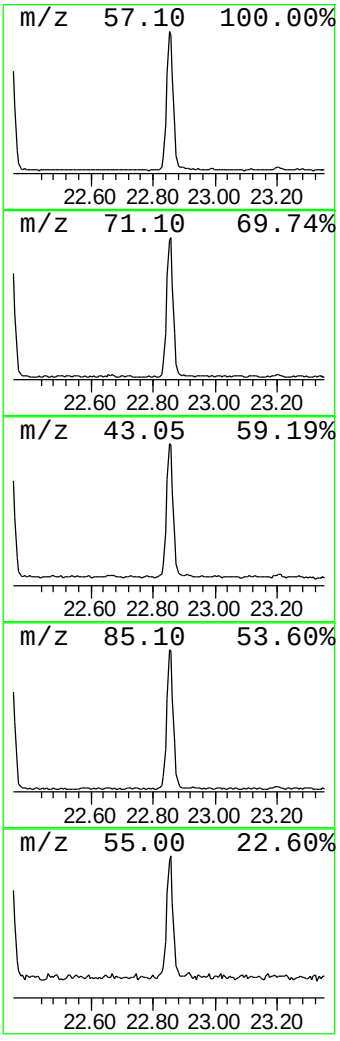
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	2.62 ng/ul	623955	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane	282	C20H42	000112-95-8	91





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Acq On : 05 Jun 2019 15:01
Operator : JU/SJ
Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C54

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

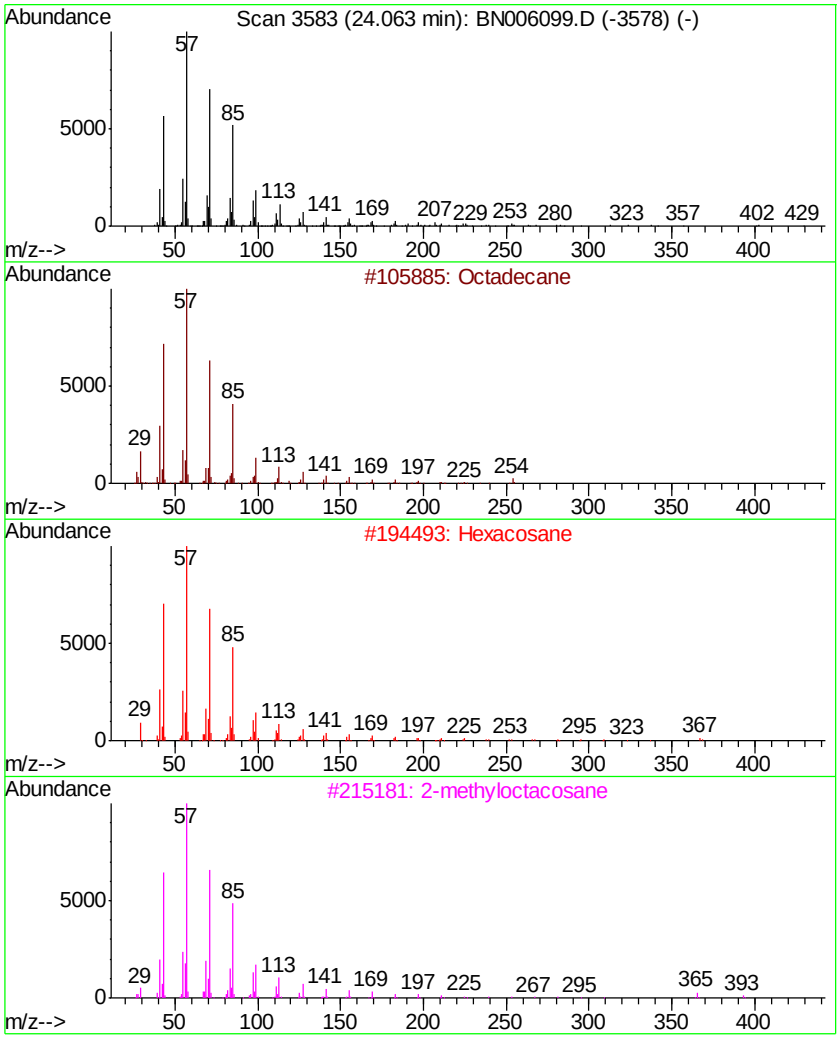
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

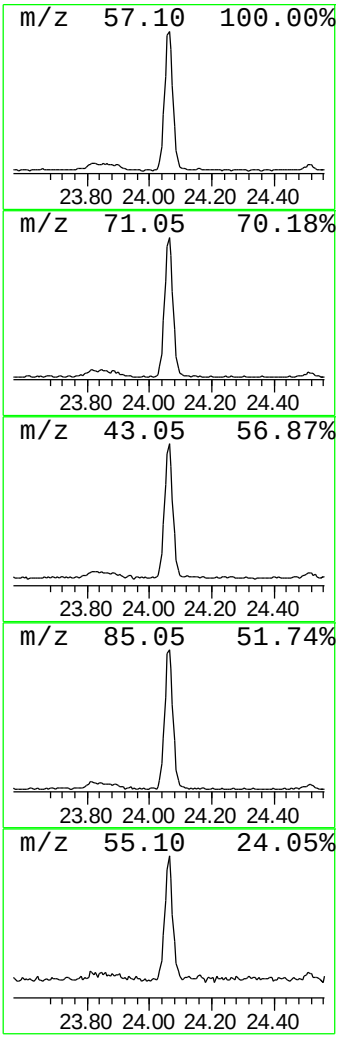
****

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	3.72 ng/ul	883608	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Hexacosane	366	C26H54	000630-01-3	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





Library Search Compound Report

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Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C54

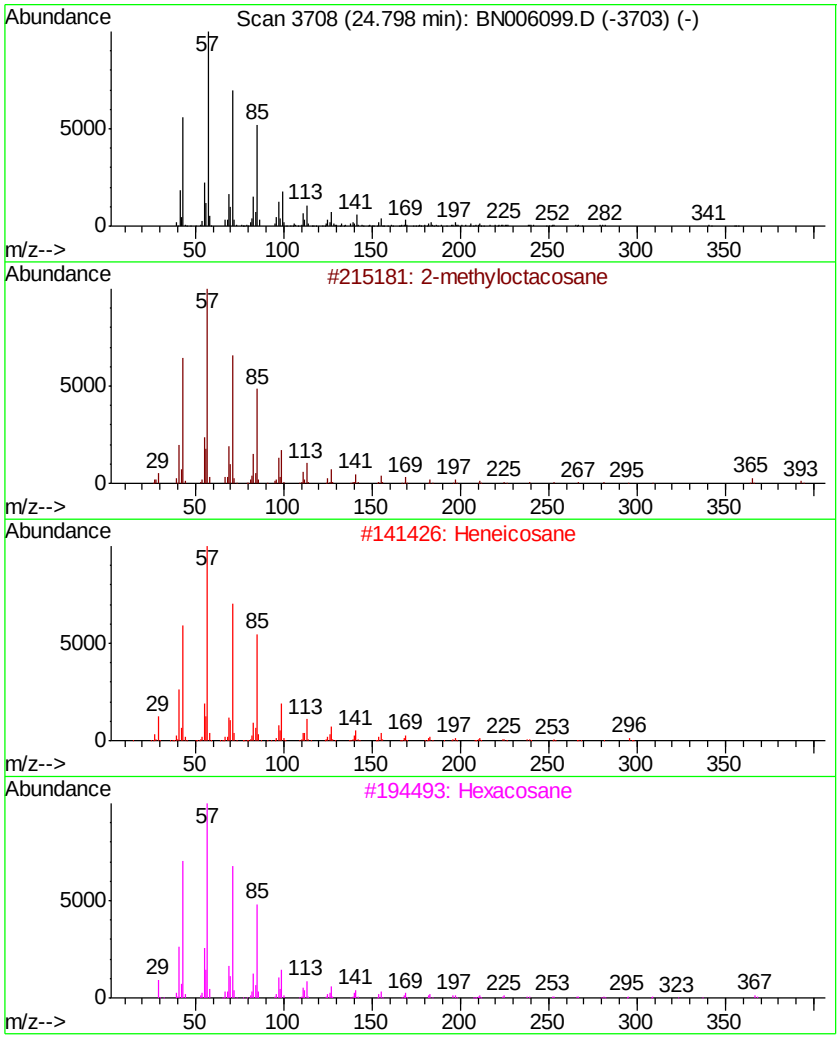
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

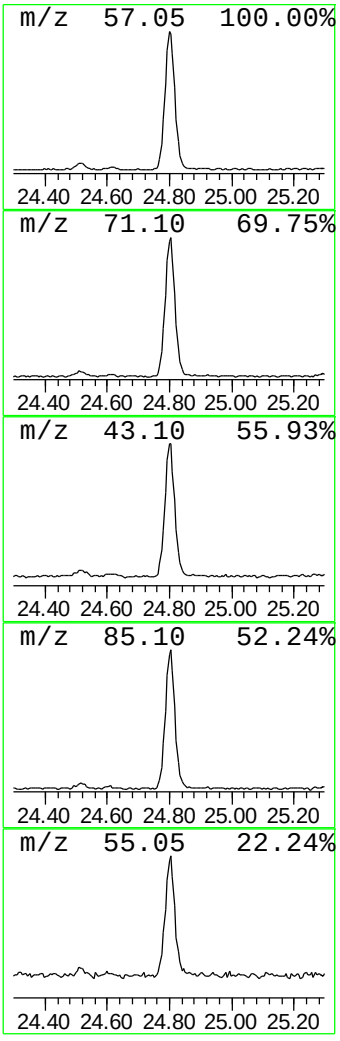
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.80	3.63 ng/ul	863686	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

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Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
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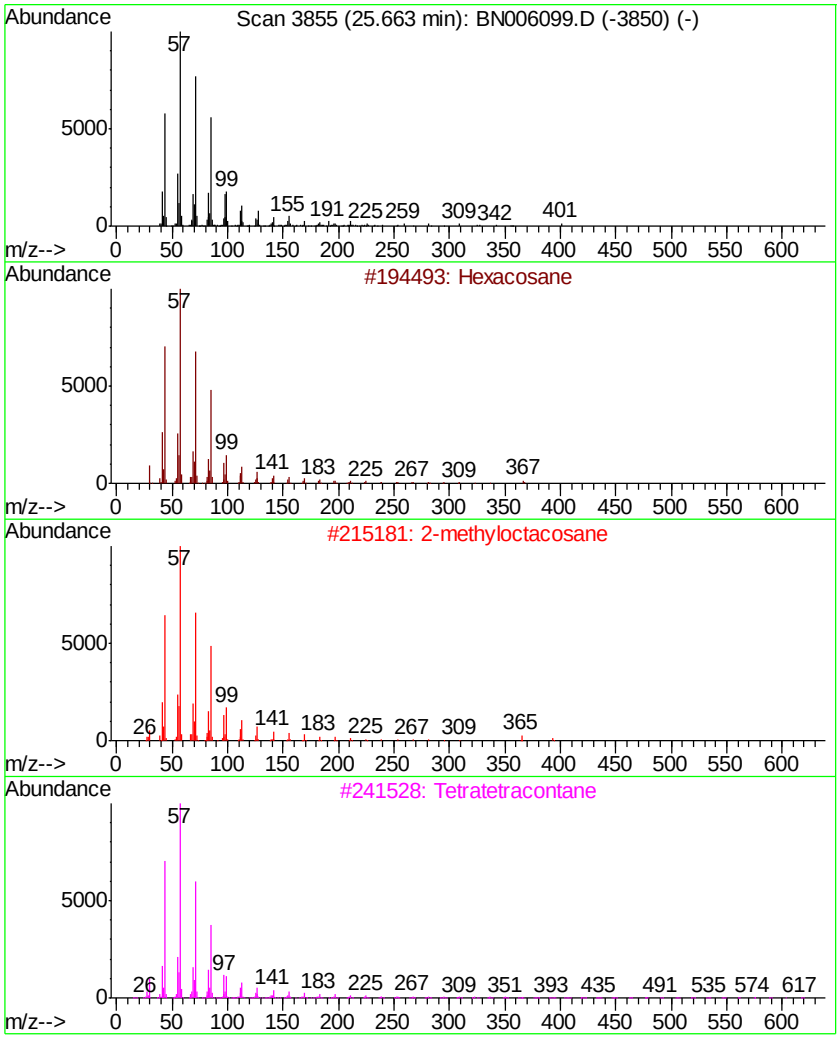
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

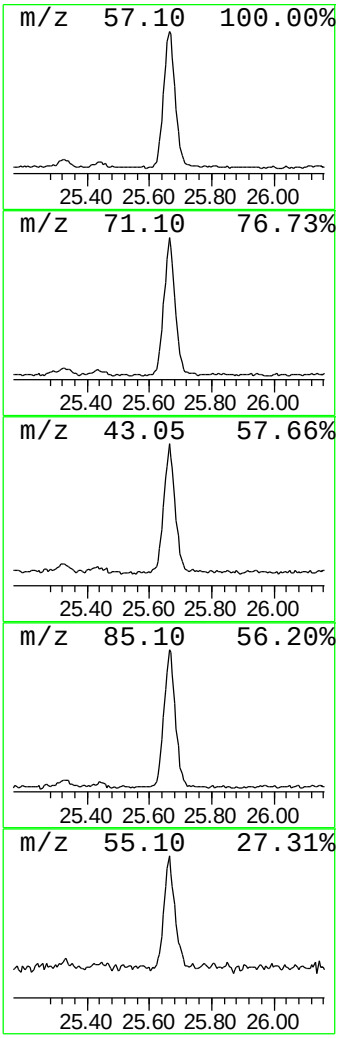
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.66	2.48 ng/ul	590284	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Tentatively Identified Compound (LSC) summary

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Data File : BN006099.D
Acq On : 05 Jun 2019 15:01
Operator : JU/SJ
Sample : K3045-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C54

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.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
2-Pentanol, 2-met...	3.42	3.3	ng/ul	349976	1	7.65	2095910	20.0
3-Pentanol, 3-met...	3.67	2.1	ng/ul	222817	1	7.65	2095910	20.0
(DEL) Alkane: Cyc...	4.05	2.2	ng/ul	233487	1	7.65	2095910	20.0
(DEL) Alkane: Cyc...	4.18	3.5	ng/ul	365549	1	7.65	2095910	20.0
(DEL) Alkane: Cyc...	4.33	2.4	ng/ul	256184	1	7.65	2095910	20.0
2-Hexanol, 2-methyl-	4.65	3.5	ng/ul	370569	1	7.65	2095910	20.0
3-Hexanol, 3-methyl-	4.83	3.7	ng/ul	387865	1	7.65	2095910	20.0
(DEL) Alkane: Cyc...	4.87	3.0	ng/ul	311775	1	7.65	2095910	20.0
Benzene, (1-methy...	6.15	11.3	ng/ul	1181670	1	7.65	2095910	20.0
3,4-Dimethyl-3-he...	6.32	2.1	ng/ul	219297	1	7.65	2095910	20.0
unknown-01	7.24	2.4	ng/ul	253590	1	7.65	2095910	20.0
Oxirane, 2-methyl...	7.55	2.3	ng/ul	240588	1	7.65	2095910	20.0
Indane	8.01	38.4	ng/ul	4020040	1	7.65	2095910	20.0
Benzene, 1,3-diet...	8.13	4.4	ng/ul	464089	1	7.65	2095910	20.0
Benzene, 1,2-diet...	8.28	4.9	ng/ul	515270	1	7.65	2095910	20.0
Benzene, 1-methyl...	8.44	2.7	ng/ul	285965	1	7.65	2095910	20.0
Benzene, 2-butenyl-	8.75	9.3	ng/ul	974778	1	7.65	2095910	20.0
Benzene, (3-methy...	8.99	2.1	ng/ul	216535	1	7.65	2095910	20.0
Benzene, 1,2,3,5-...	9.26	3.8	ng/ul	674032	2	10.43	3544530	20.0
Benzene, 1-etheny...	9.68	3.4	ng/ul	599319	2	10.43	3544530	20.0
Benzene, 2-etheny...	9.83	10.6	ng/ul	1878470	2	10.43	3544530	20.0
1H-Indene, 2,3-di...	10.55	4.4	ng/ul	780644	2	10.43	3544530	20.0
Naphthalene, 1-me...	12.32	3.7	ng/ul	653318	2	10.43	3544530	20.0
(DEL) Alkane: Str...	22.85	2.6	ng/ul	623955	6	23.53	4756830	20.0
(DEL) Alkane: Str...	24.06	3.7	ng/ul	883608	6	23.53	4756830	20.0
(DEL) Alkane: Str...	24.80	3.6	ng/ul	863686	6	23.53	4756830	20.0
(DEL) Alkane: Str...	25.66	2.5	ng/ul	590284	6	23.53	4756830	20.0