LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007821.D
Acq On : 24 Sep 2019 02:52
Operator : HP/JU
Sample : K4895-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDJ1

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-BN091619MA.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	3.281	44	50	65	rVB	3487929	4418744	22.95%	1.824%
2	3.640	106	111	116	rBV	175178	261985	1.36%	0.108%
3	3.693	116	120	126	rVB	541518	646202	3.36%	0.267%
4	3.964	159	166	171	rBV2	207541	366446	1.90%	0.151%
5	4.216	204	209	216	rBV	1382232	1693324	8.80%	0.699%
6	4.281	216	220	234	rVV2	161847	274154	1.42%	0.113%
7	4.387	234	238	247	rVV	1235022	1664765	8.65%	0.687%
8	4.828	306	313	323	rBV	2239246	3071302	15.96%	1.268%
9	5.246	377	384	391	rVB	320122	452824	2.35%	0.187%
10	5.375	400	406	415	rVB	959275	1783862	9.27%	0.736%
11	5.675	450	457	462	rBV	300475	428928	2.23%	0.177%
12	5.734	462	467	479	rVB	704874	1066333	5.54%	0.440%
13	6.687	621	629	637	rBV	269778	426752	2.22%	0.176%
14	6.799	641	648	653	rVV	996230	1482317	7.70%	0.612%
15	6.858	653	658	666	rVV3	985393	1830850	9.51%	0.756%
16	6.928	666	670	677	rVB	865322	1244002	6.46%	0.514%
17	7.028	680	687	693	rBV	1604639	2591313	13.46%	1.070%
18	7.093	693	698	704	rVV	669719	1047323	5.44%	0.432%
19	7.222	713	720	729	rBV	1965697	3161341	16.42%	1.305%
20	7.346	735	741	749	rVB	2777309	4116461	21.38%	1.700%
21	7.687	792	799	805	rVV	2313490	3642422	18.92%	1.504%
22	7.734	805	807	814	rVV2	130998	264788	1.38%	0.109%
23	7.805	814	819	828	rVV	1303467	2134306	11.09%	0.881%
24	8.057	853	862	869	rVB2	600631	1346797	7.00%	0.556%
25	8.187	877	884	888	rBV	198342	302419	1.57%	0.125%
26	8.240	888	893	898	rVV	301342	458695	2.38%	0.189%
27	8.328	902	908	913	rVV	745938	1121706	5.83%	0.463%
28	8.387	913	918	925	rVV	1753131	2733480	14.20%	1.129%
29	8.493	931	936	945	rVB2	222489	401431	2.09%	0.166%
30	8.640	955	961	965	rBV	380798	565218	2.94%	0.233%
31	8.693	965	970	976	rVB	351021	560139	2.91%	0.231%
32	8.787	976	986	989	rBV	819009	1309873	6.80%	0.541%
33	8.828	989	993	998	rVV	1726657	2444706	12.70%	1.009%
34	9.116	1036	1042	1049	rBV2	247349	415977	2.16%	0.172%

LSC Area Percent Report

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Acq On : 24 Sep 2019 02:52
Operator : HP/JU
Sample : K4895-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDJ1

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-BN091619MA.M
Title : SVOA CALIBRATION

35	9.304	1069	1074	1079	rVV	543636	855364	4.44%	0.353%
36	9.363	1079	1084	1093	rVB	773810	1226374	6.37%	0.506%
37	9.546	1107	1115	1123	rBV	1712065	2921076	15.17%	1.206%
38	9.681	1132	1138	1140	rVV4	99874	189330	0.98%	0.078%
39	9.722	1140	1145	1153	rVB	508238	826768	4.29%	0.341%
40	9.869	1160	1170	1179	rBV2	1318105	2549408	13.24%	1.053%
41	9.946	1179	1183	1193	rVB4	141687	298002	1.55%	0.123%
42	10.081	1199	1206	1216	rVB	3057685	5389794	28.00%	2.225%
43	10.175	1216	1222	1229	rVB2	108145	186877	0.97%	0.077%
44	10.457	1261	1270	1274	rVV	3378600	5735076	29.79%	2.368%
45	10.510	1274	1279	1287	rVV	2995186	5151162	26.76%	2.127%
46	10.587	1287	1292	1305	rVV	2658128	4902774	25.47%	2.024%
47	10.687	1305	1309	1316	rVB	112233	180973	0.94%	0.075%
48	11.122	1373	1383	1388	rVV2	154708	296180	1.54%	0.122%
49	11.381	1420	1427	1433	rVB	237446	390977	2.03%	0.161%
50	11.569	1454	1459	1465	rVB	188356	304029	1.58%	0.126%
51	11.651	1468	1473	1478	rBV	137401	217743	1.13%	0.090%
52	11.851	1502	1507	1516	rVB3	155058	284550	1.48%	0.117%
53	12.016	1529	1535	1539	rBV	154047	242427	1.26%	0.100%
54	12.122	1545	1553	1562	rVB	2682913	4284550	22.26%	1.769%
55	12.345	1580	1591	1598	rVV	1861928	3043530	15.81%	1.257%
56	13.145	1722	1727	1734	rVB2	157197	247079	1.28%	0.102%
57	13.228	1736	1741	1749	rBV2	269263	485570	2.52%	0.200%
58	13.345	1756	1761	1764	rBV	165538	271359	1.41%	0.112%
59	13.481	1778	1784	1785	rBV	297930	452195	2.35%	0.187%
60	13.640	1801	1811	1816	rBV	569977	1072976	5.57%	0.443%
61	13.692	1816	1820	1821	rVV	396919	512532	2.66%	0.212%
62	13.728	1821	1826	1830	rVV	6124852	8434114	43.81%	3.482%
63	13.775	1830	1834	1841	rVB	1551695	2097717	10.90%	0.866%
64	13.875	1846	1851	1854	rVV	276006	409132	2.13%	0.169%
65	14.004	1866	1873	1886	rBV	6236221	9753586	50.67%	4.027%
66	14.316	1919	1926	1932	rBV	5179693	7462194	38.77%	3.081%
67	14.381	1932	1937	1945	rVB2	367859	645470	3.35%	0.266%
68	14.510	1954	1959	1971	rBV2	631881	1048064	5.44%	0.433%
69	14.716	1990	1994	1998	rBV2	191481	327435	1.70%	0.135%
70	14.751	1998	2000	2004	rVV	148367	179094	0.93%	0.074%
71	14.939	2025	2032	2037	rBV3	100726	217073	1.13%	0.090%

LSC Area Percent Report

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Sample : K4895-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDJ1

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-BN091619MA.M
Title : SVOA CALIBRATION

72	15.092	2053	2058	2064	rBV3	129149	280520	1.46%	0.116%
73	15.310	2089	2095	2101	rBV	8524701	12696190	65.96%	5.242%
74	15.363	2101	2104	2109	rVB	334272	489271	2.54%	0.202%
75	15.428	2109	2115	2122	rBV	2589212	3486175	18.11%	1.439%
76	17.063	2387	2393	2397	rBV2	6297257	8833311	45.89%	3.647%
77	17.104	2397	2400	2404	rVV	762175	996434	5.18%	0.411%
78	17.157	2404	2409	2422	rVV	10304741	14835180	77.07%	6.125%
79	17.463	2452	2461	2467	rBV2	382061	707058	3.67%	0.292%
80	17.851	2523	2527	2533	rBV8	86795	214573	1.11%	0.089%
81	17.975	2544	2548	2562	rBV2	1929533	2953552	15.34%	1.219%
82	18.280	2596	2600	2606	rVB2	146870	215255	1.12%	0.089%
83	18.845	2693	2696	2703	rVB5	109893	185003	0.96%	0.076%
84	19.122	2740	2743	2756	rVB3	213005	524623	2.73%	0.217%
85	19.263	2763	2767	2776	rBV	1058448	1548716	8.05%	0.639%
86	19.457	2794	2800	2811	rBV2	13545737	18579833	96.52%	7.671%
87	20.945	3050	3053	3056	rBV	266907	335552	1.74%	0.139%
88	20.986	3056	3060	3067	rVV	1974479	2334094	12.13%	0.964%
89	21.257	3101	3106	3115	rVB	8371409	10750425	55.85%	4.438%
90	21.374	3123	3126	3133	rVB	225661	285207	1.48%	0.118%
91	21.433	3133	3136	3140	rBV	342962	341612	1.77%	0.141%
92	21.869	3206	3210	3220	rVB	590538	809339	4.20%	0.334%
93	22.116	3249	3252	3257	rVB	402845	455739	2.37%	0.188%
94	22.327	3284	3288	3293	rBV	870462	1069938	5.56%	0.442%
95	22.827	3369	3373	3387	rVB	1058688	1671048	8.68%	0.690%
96	23.333	3451	3459	3465	rBV	10895315	19249774	100.00%	7.947%
97	23.392	3465	3469	3475	rVV	1096201	1742192	9.05%	0.719%
98	23.468	3475	3482	3493	rVB	5851476	11296103	58.68%	4.664%
99	24.027	3572	3577	3584	rBV	802481	1516627	7.88%	0.626%
100	24.768	3697	3703	3709	rVB	489270	984671	5.12%	0.407%

Sum of corrected areas: 242211754

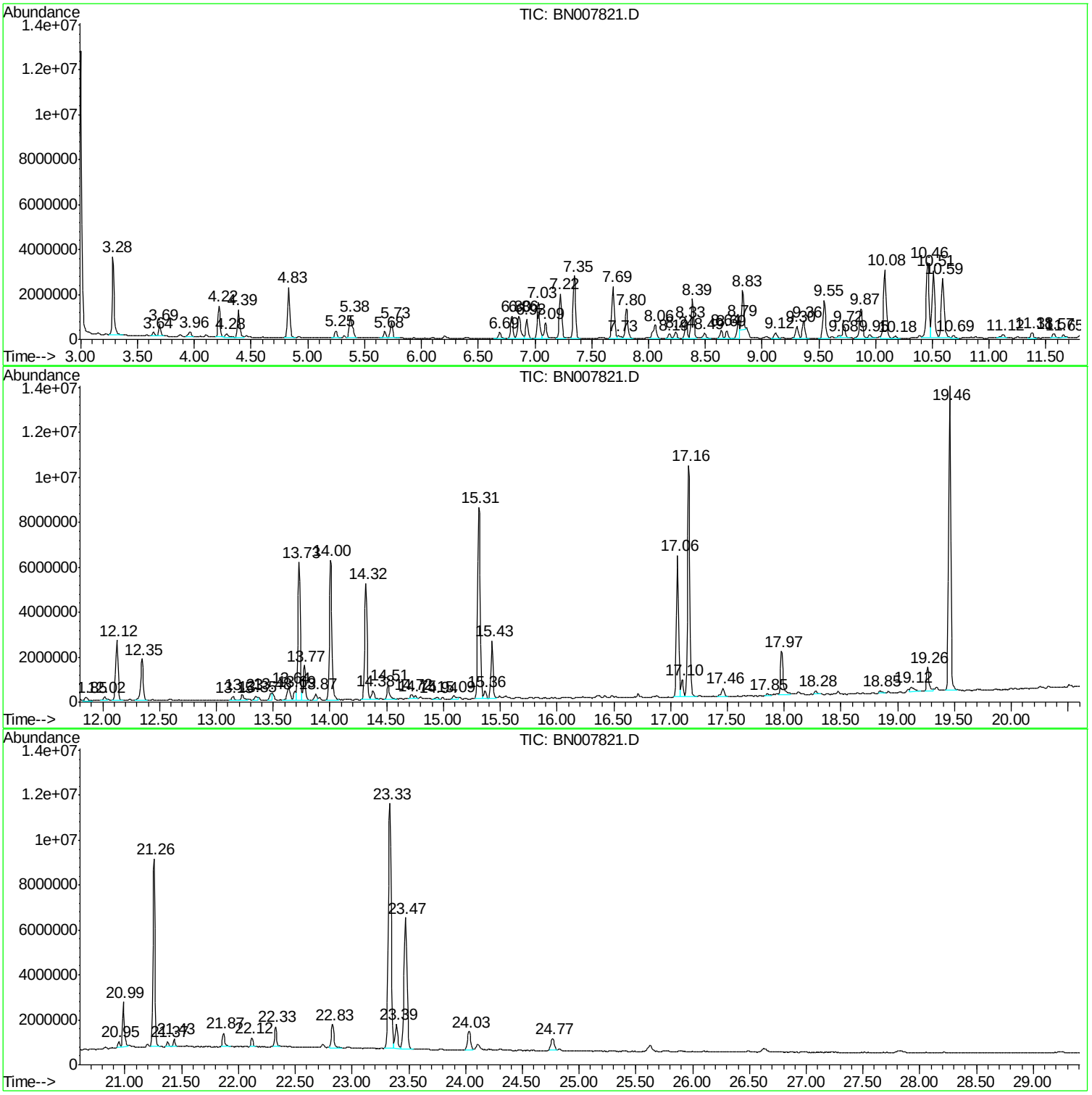
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007821.D
Acq On : 24 Sep 2019 02:52
Operator : HP/JU
Sample : K4895-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.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\BN092319\
Data File : BN007821.D
Acq On : 24 Sep 2019 02:52
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

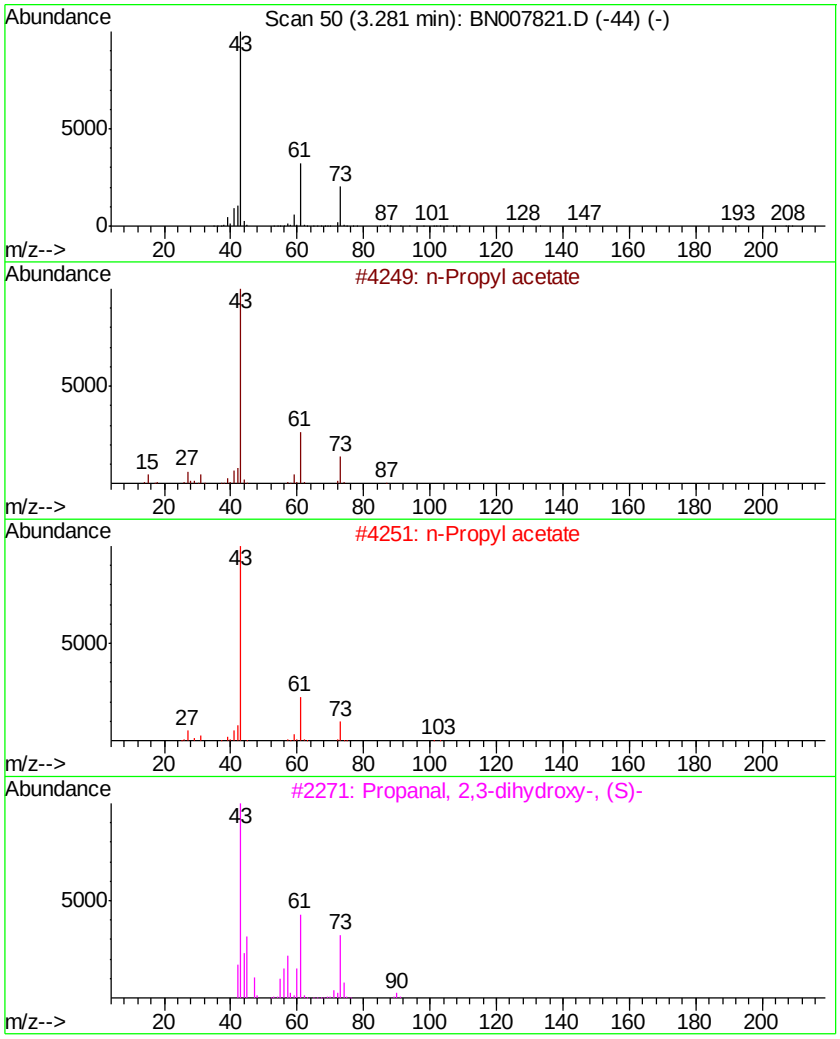
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

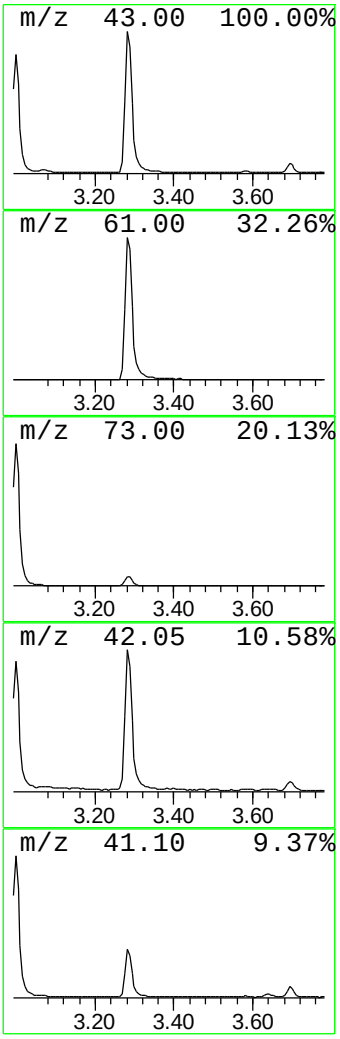
****

Peak Number 1 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	24.26 ng/ul	4418740	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	83
3	Propanal, 2,3-dihydroxy-, (S)-	90	C3H6O3	000497-09-6	38
4	Isopropyl acetate	102	C5H10O2	000108-21-4	28
5	Acetamide, N-acetyl-N-methyl-	115	C5H9NO2	001113-68-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007821.D
Acq On : 24 Sep 2019 02:52
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Sample : K4895-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

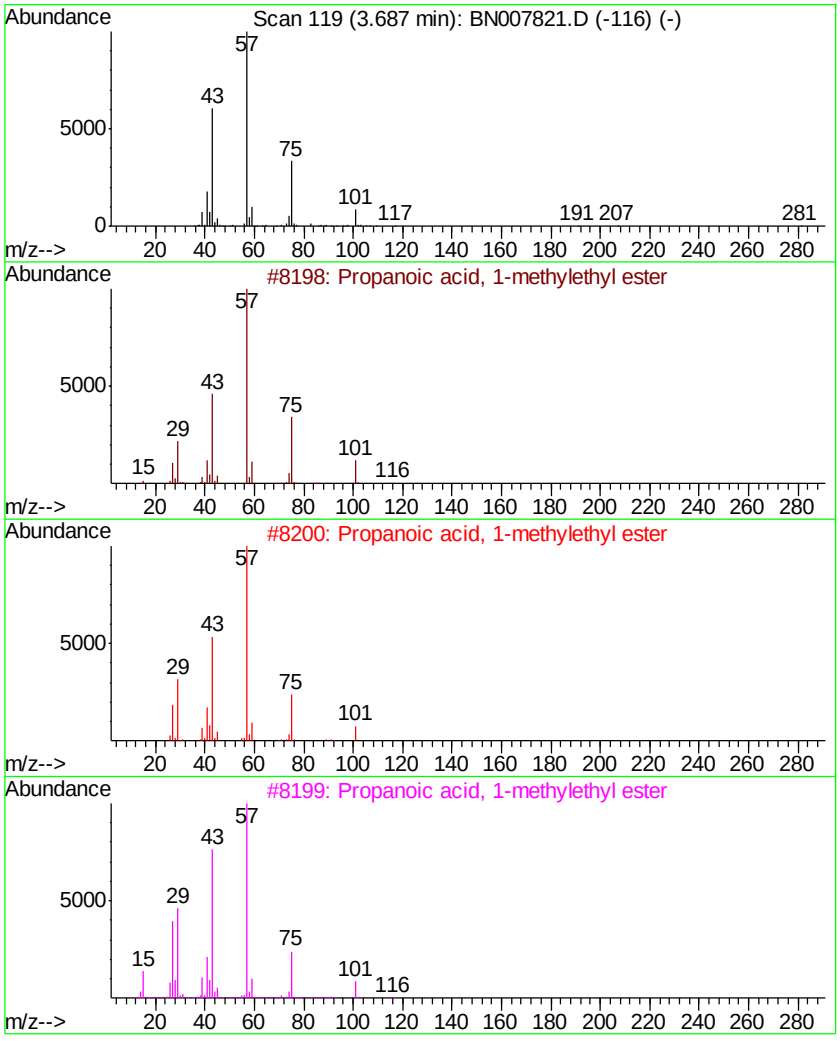
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

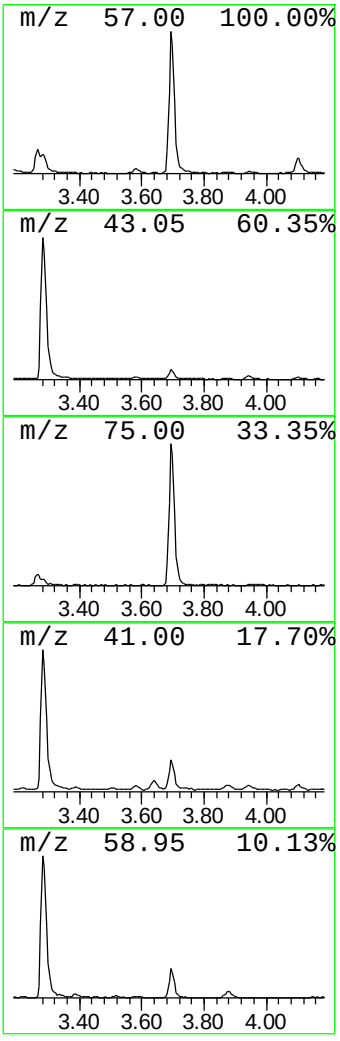
****

Peak Number 2 Propanoic acid, 1-methyleth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	3.55 ng/ul	646202	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	53
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : BFDJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

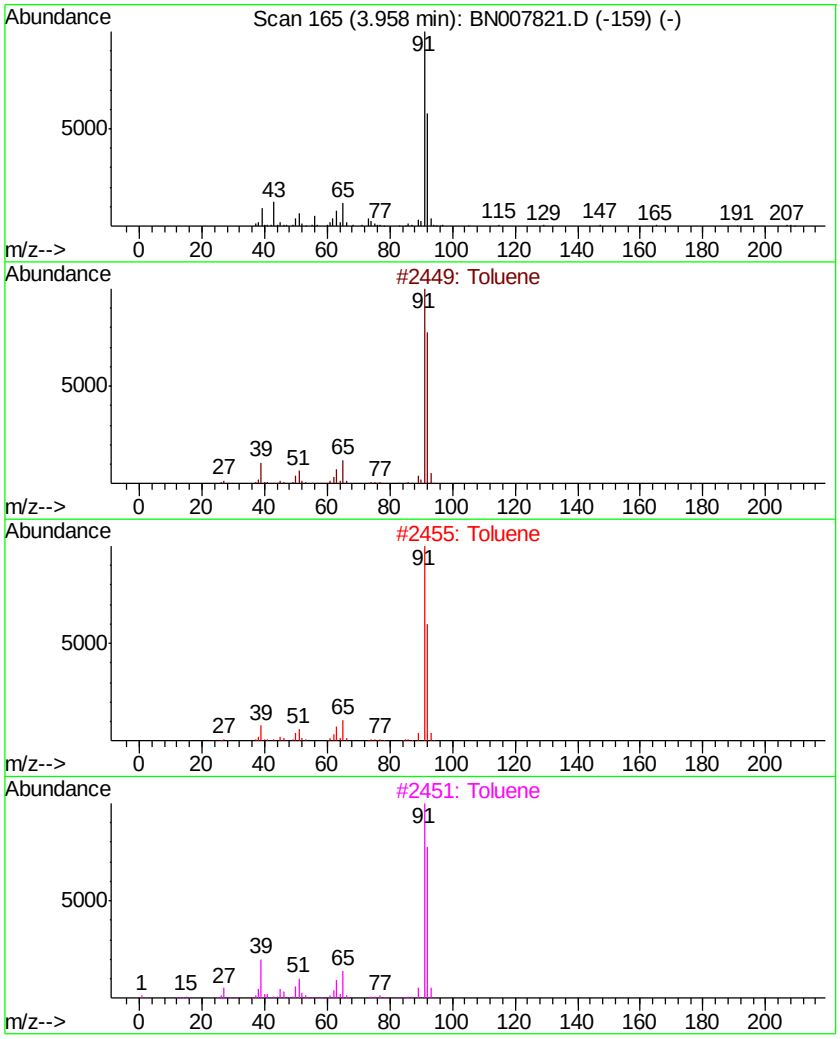
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

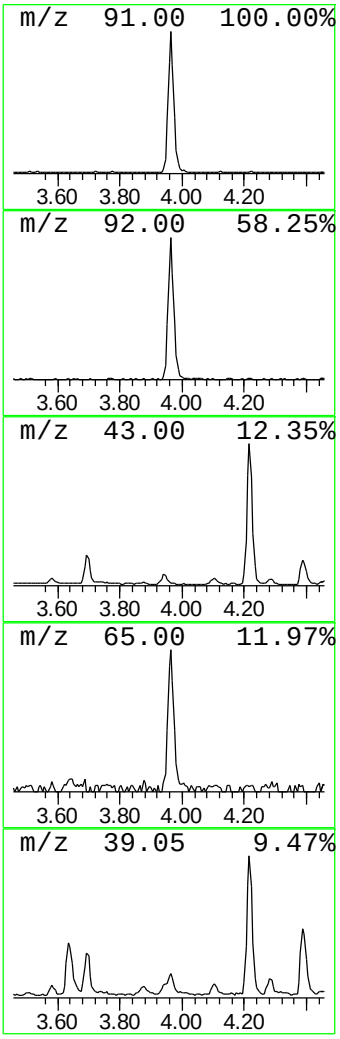
****

Peak Number 3 Toluene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	2.01 ng/ul	366446	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	90
3	Toluene	92	C7H8	000108-88-3	90
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
5	Toluene	92	C7H8	000108-88-3	86





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Acq On : 24 Sep 2019 02:52
Operator : HP/JU
Sample : K4895-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

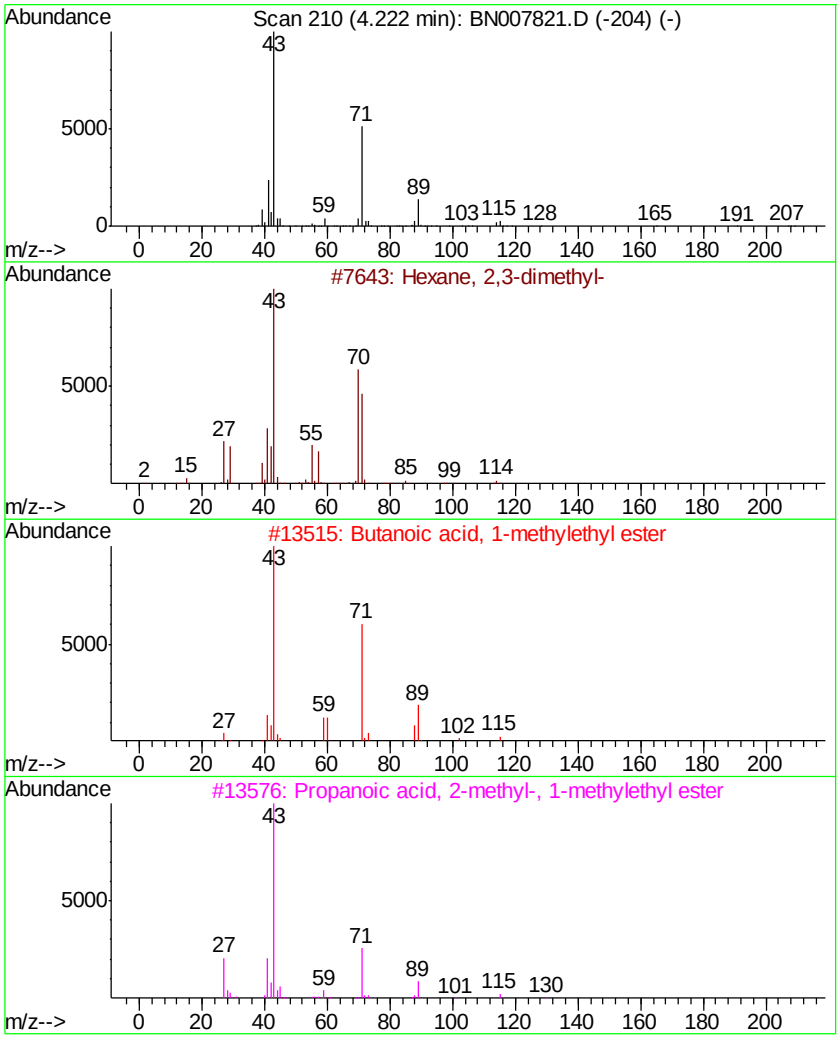
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

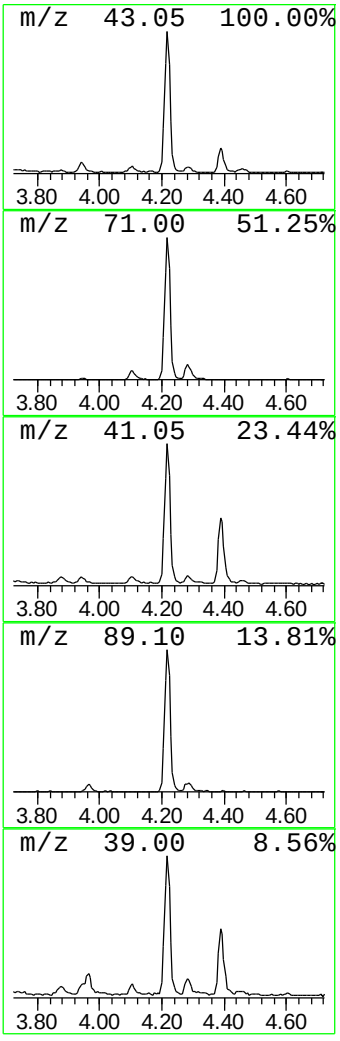
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	9.30 ng/ul	1693320	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	45
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	42
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	42
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007821.D
Acq On : 24 Sep 2019 02:52
Operator : HP/JU
Sample : K4895-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

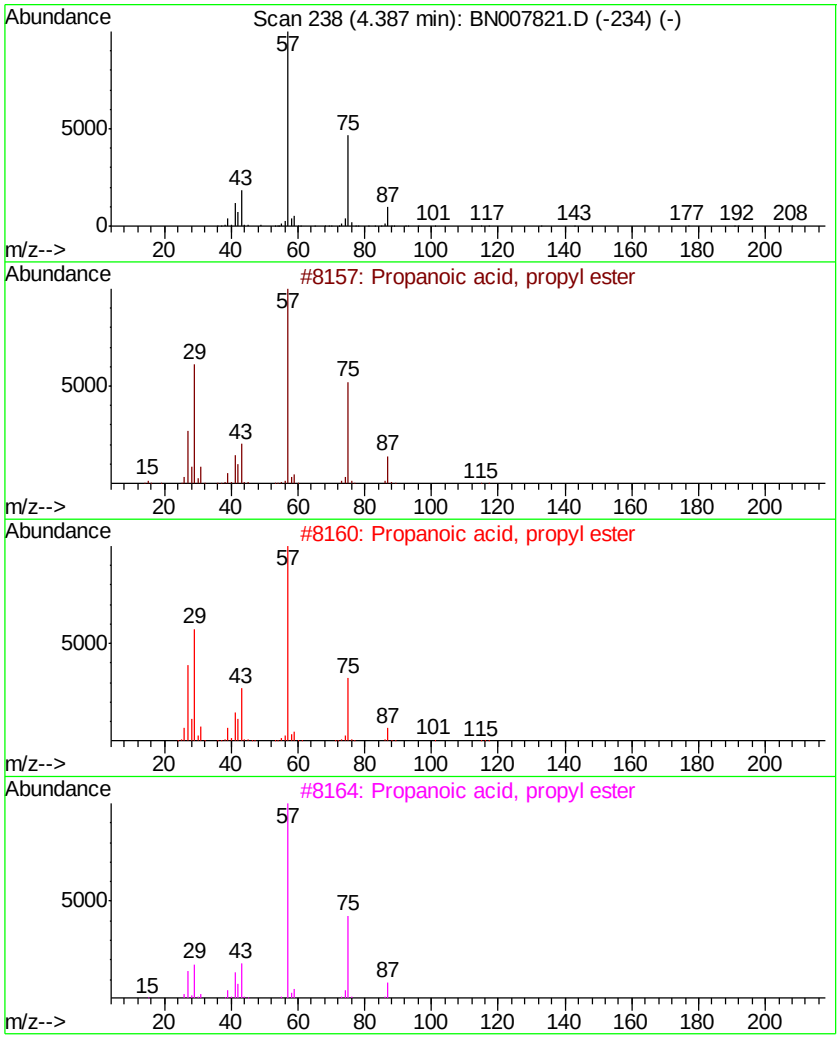
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

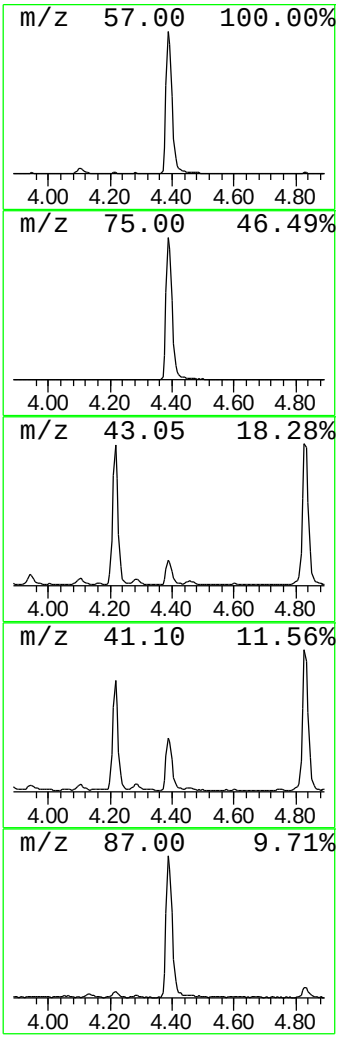
****

Peak Number 5 Propanoic acid, propyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	9.14 ng/ul	1664770	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	53
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	33





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Acq On : 24 Sep 2019 02:52
Operator : HP/JU
Sample : K4895-13
Misc :
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Instrument : BNA_N
ClientSampleId : BFDJ1

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Quant Title : SVOA CALIBRATION

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

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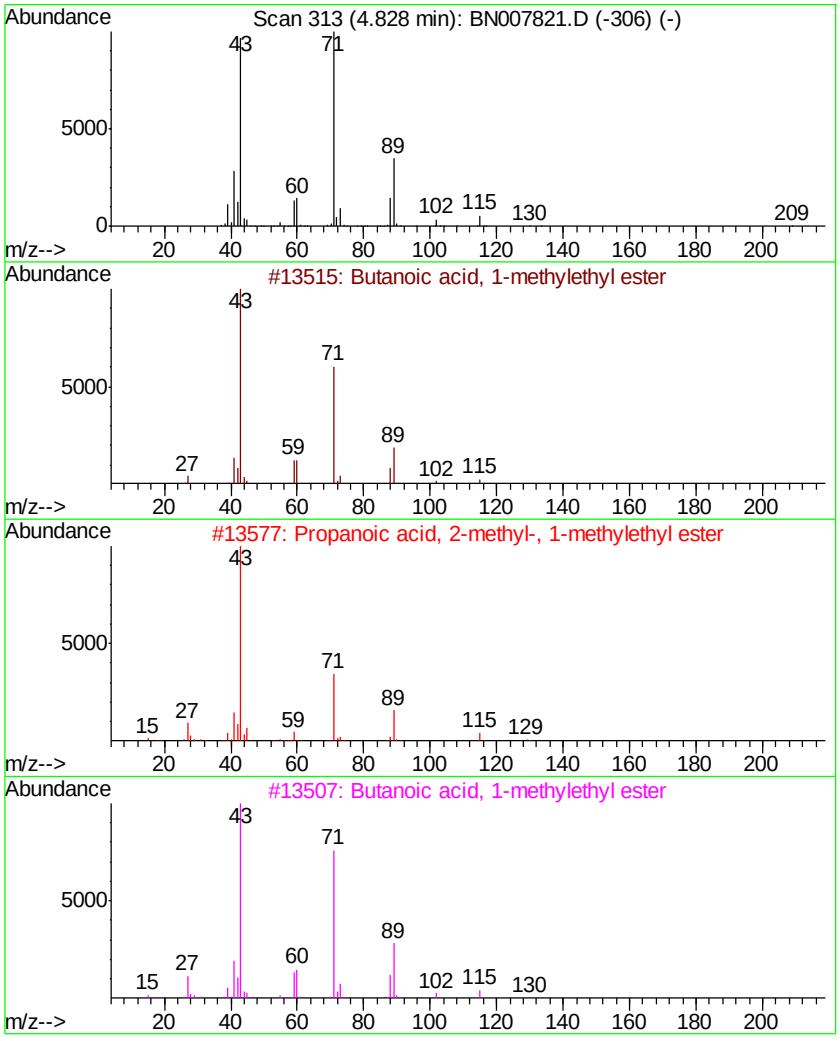
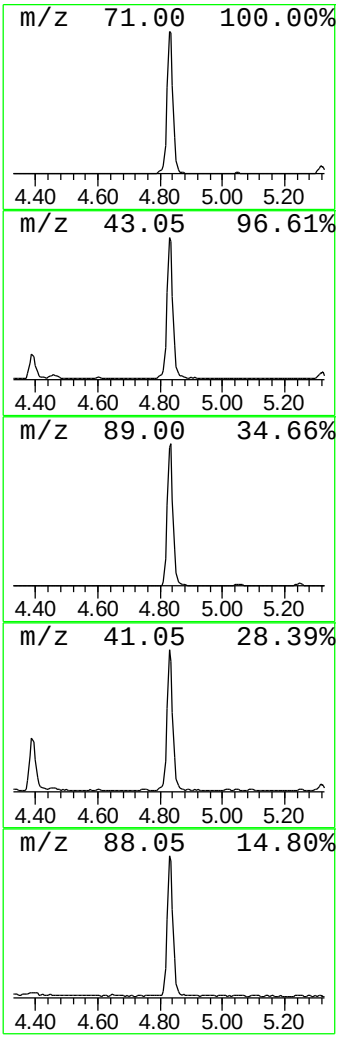
Peak Number 6 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	16.86 ng/ul	3071300	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	83
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	70
4	Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	64
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	64





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Quant Title : SVOA CALIBRATION

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

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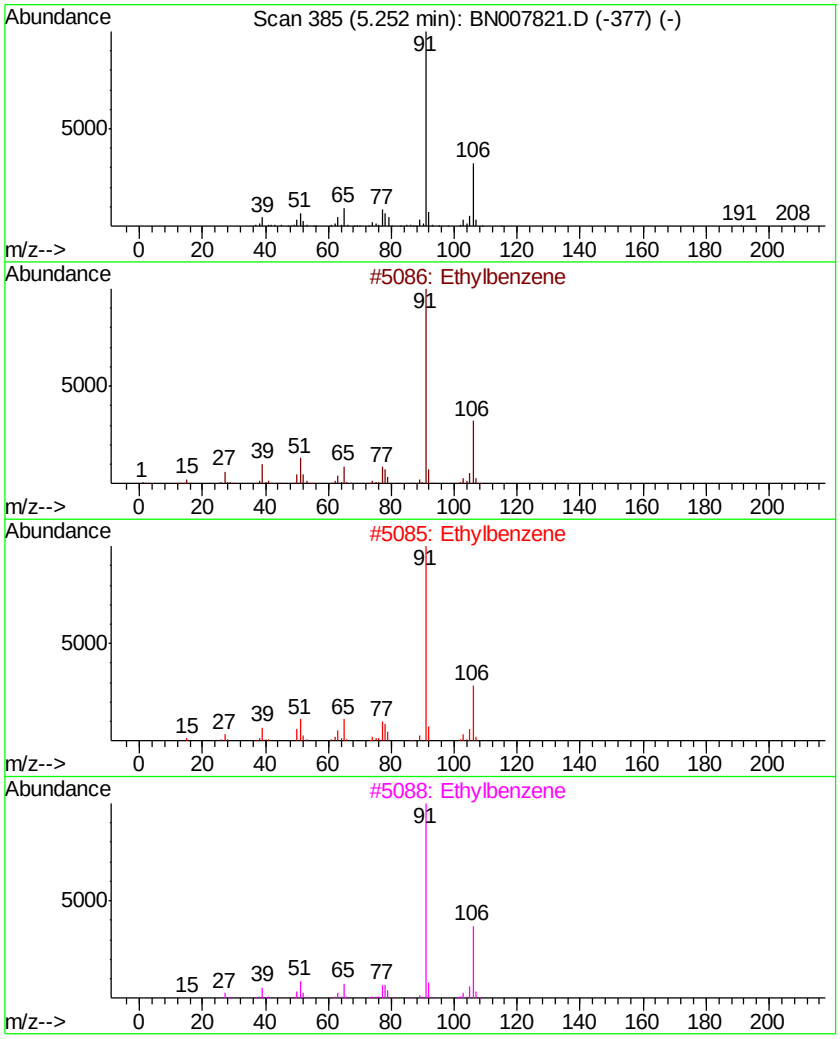
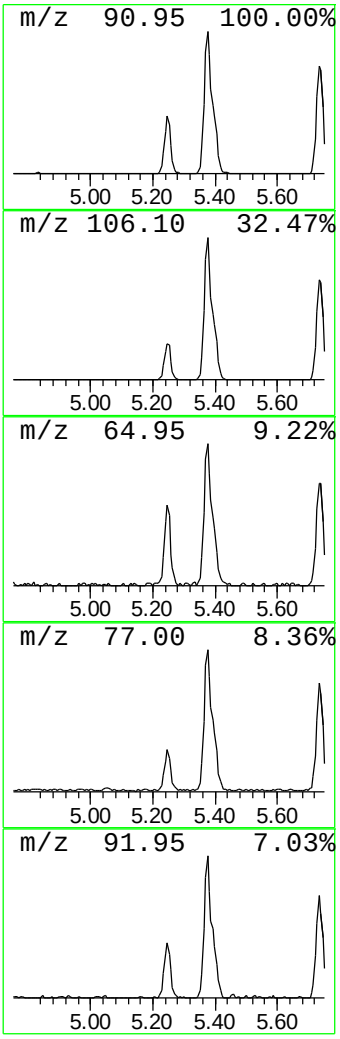
Peak Number 7 Ethylbenzene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	2.49 ng/ul	452824	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	90
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	p-Xylene	106	C8H10	000106-42-3	86





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Quant Title : SVOA CALIBRATION

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

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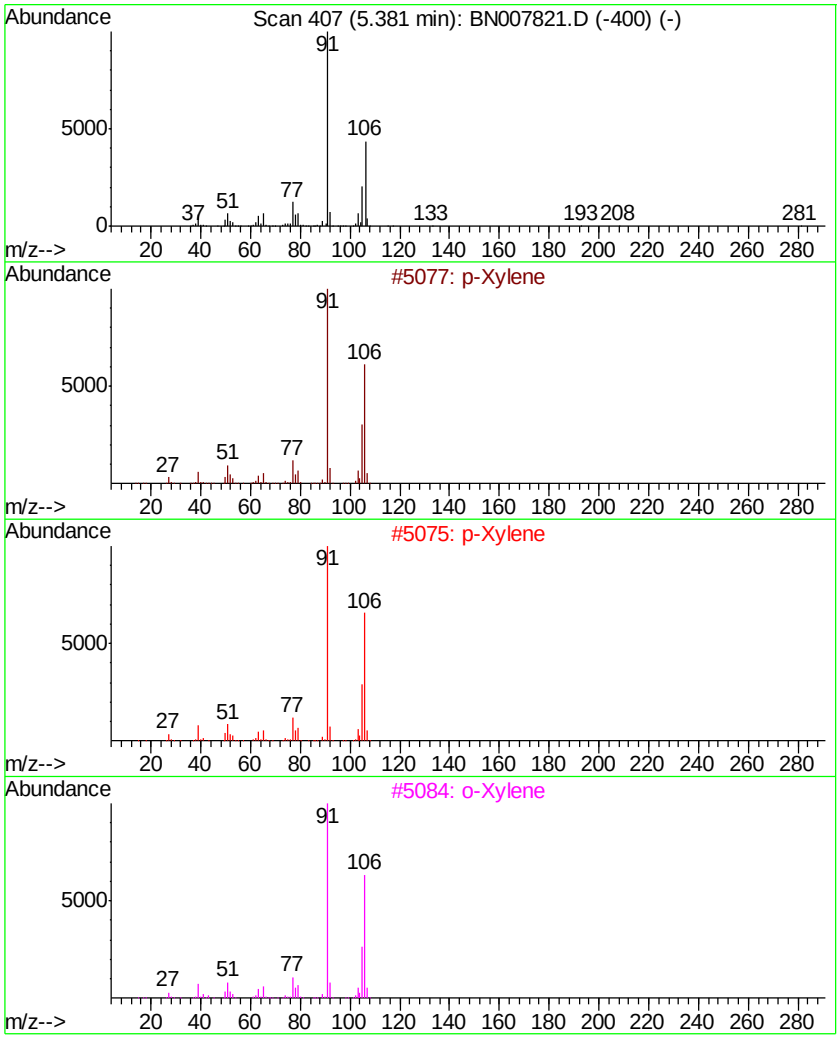
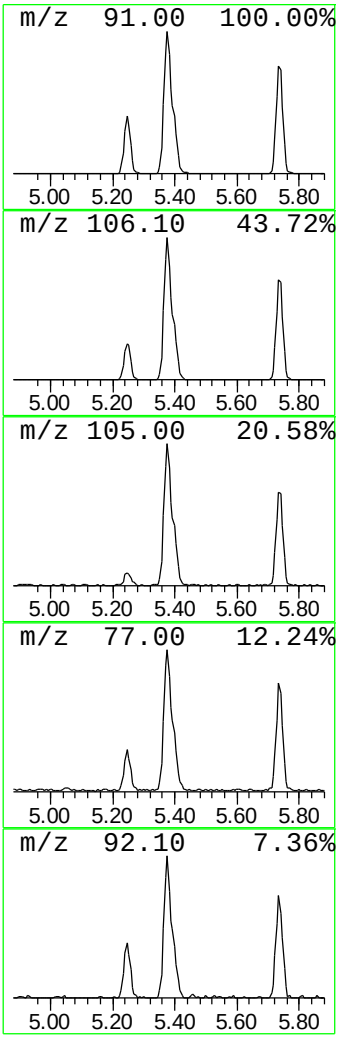
Peak Number 8 p-Xylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	9.79 ng/ul	1783860	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	p-Xylene	106	C8H10	000106-42-3	95
3	o-Xylene	106	C8H10	000095-47-6	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95





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Quant Title : SVOA CALIBRATION

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

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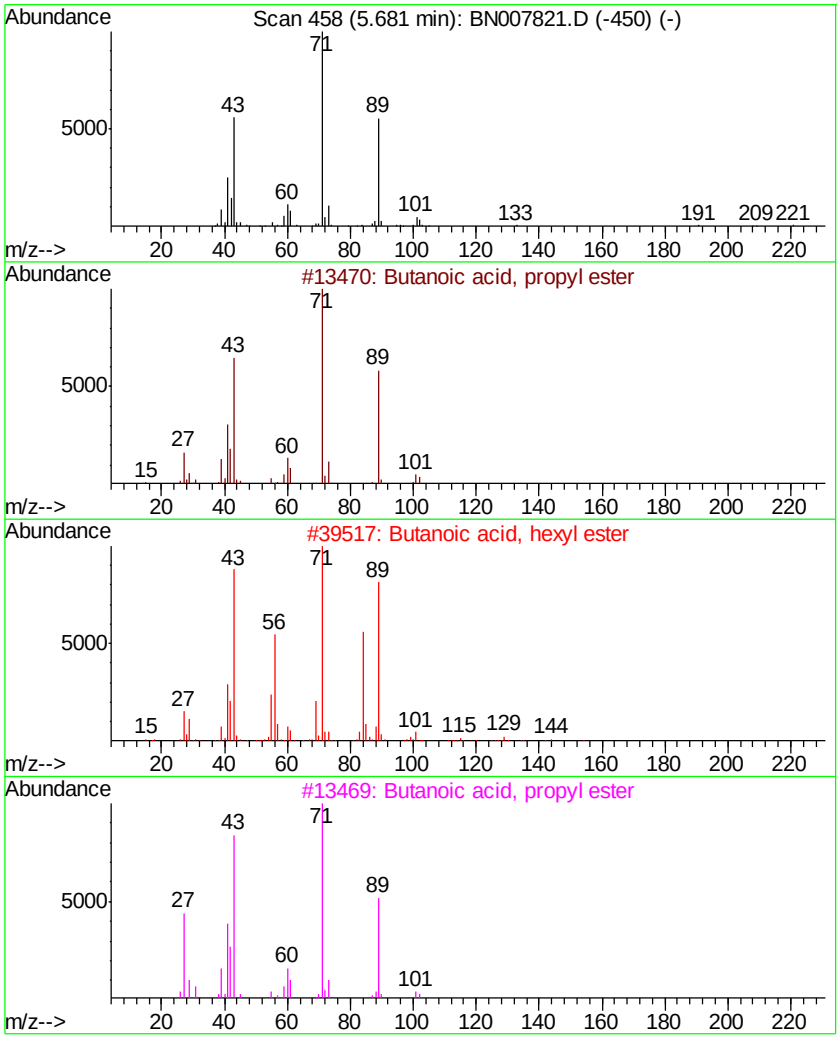
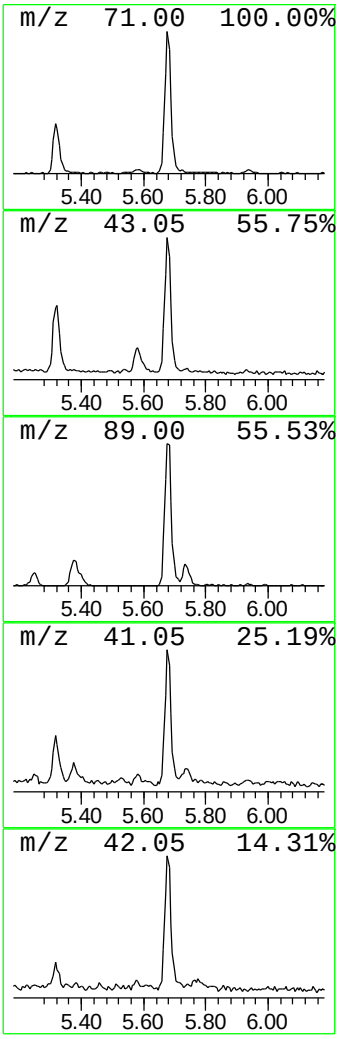
Peak Number 9 Butanoic acid, propyl ester Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	2.36 ng/ul	428928	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
2	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	72
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72
4	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	64
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	64





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Quant Title : SVOA CALIBRATION

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

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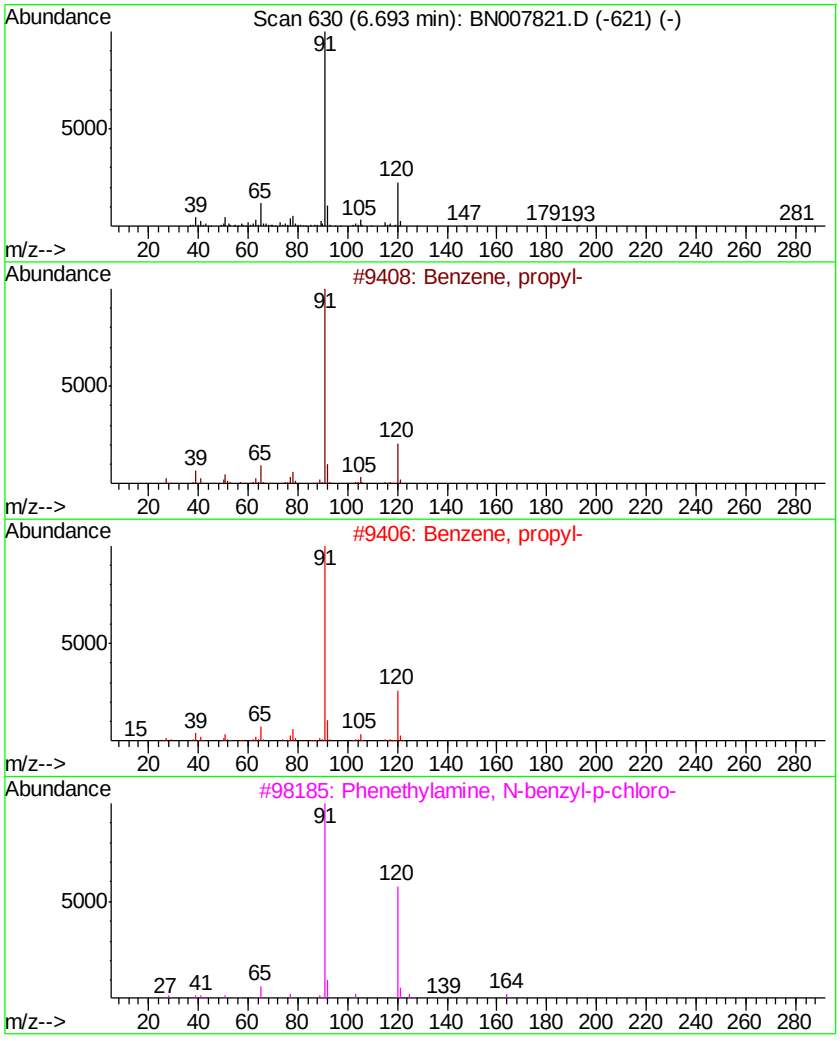
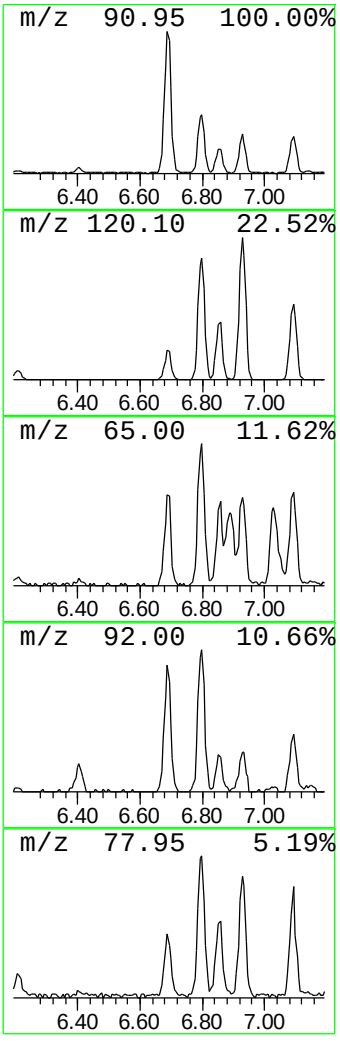
Peak Number 11 Benzene, propyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	2.34 ng/ul	426752	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	78
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





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Quant Title : SVOA CALIBRATION

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

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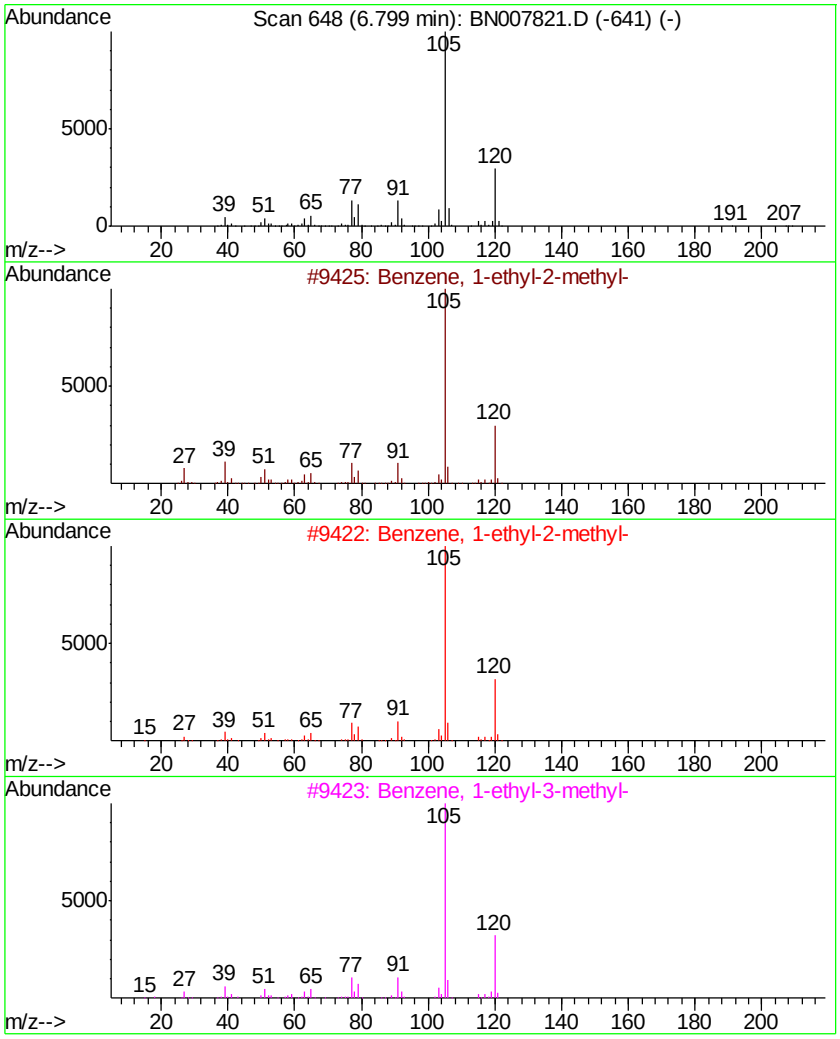
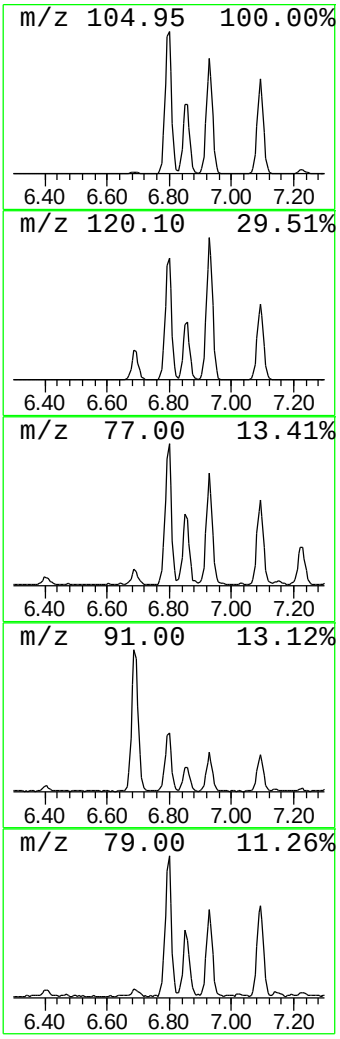
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	8.14 ng/ul	1482320	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Mesitylene	120	C9H12	000108-67-8	91





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Quant Title : SVOA CALIBRATION

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

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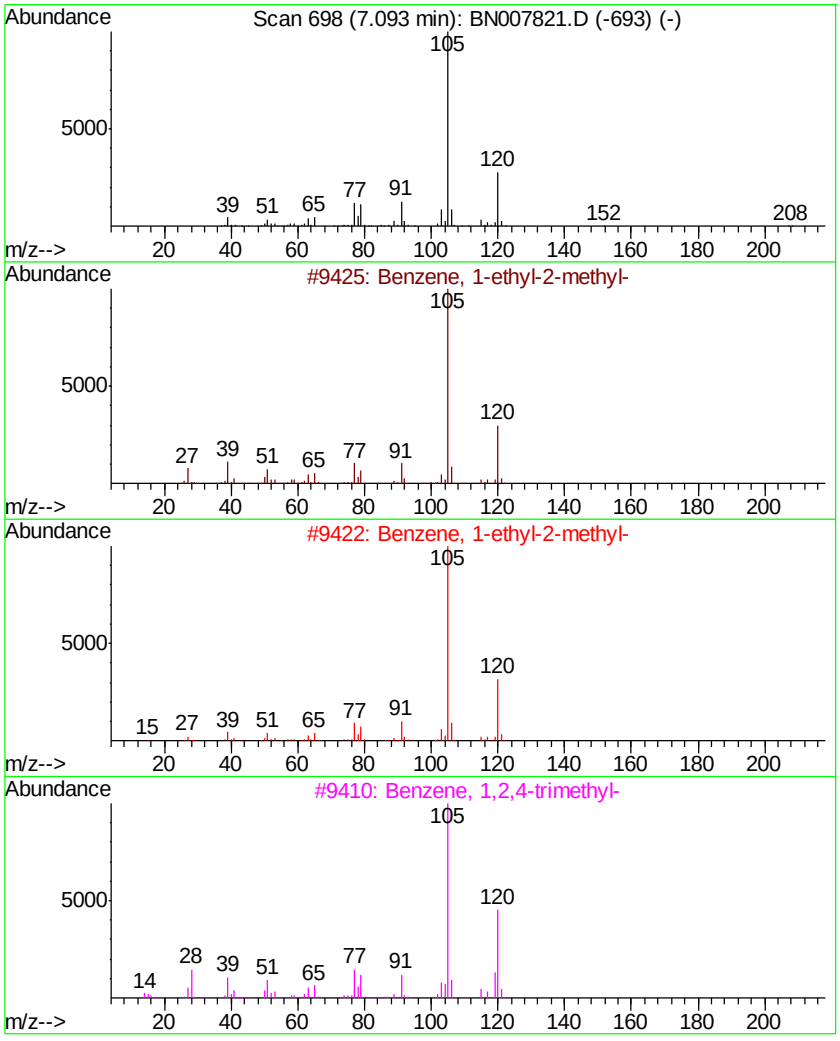
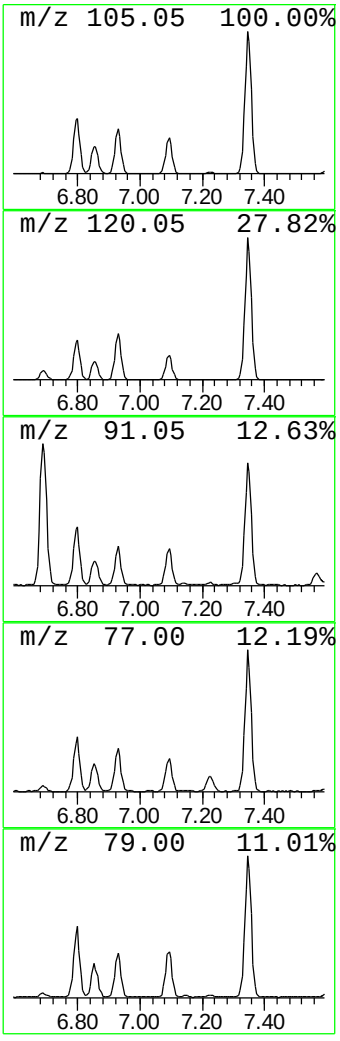
Peak Number 13 Benzene, 1,2,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	5.75 ng/ul	1047320	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Quant Title : SVOA CALIBRATION

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

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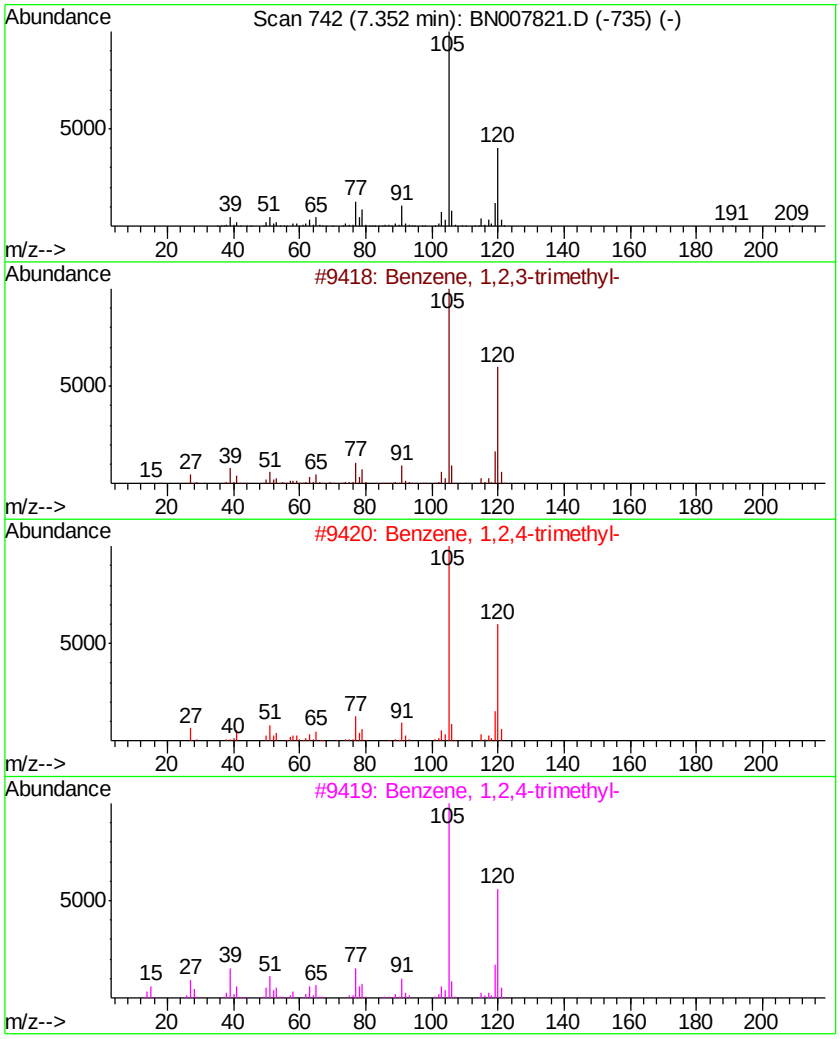
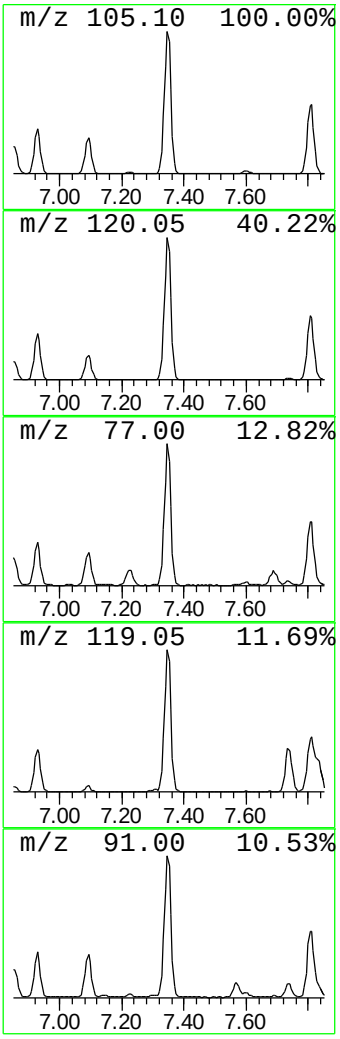
Peak Number 14 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	22.60 ng/ul	4116460	1,4-Dichlorobenzene-d4	7.69

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	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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TIC Integration Parameters: LSCINT.P

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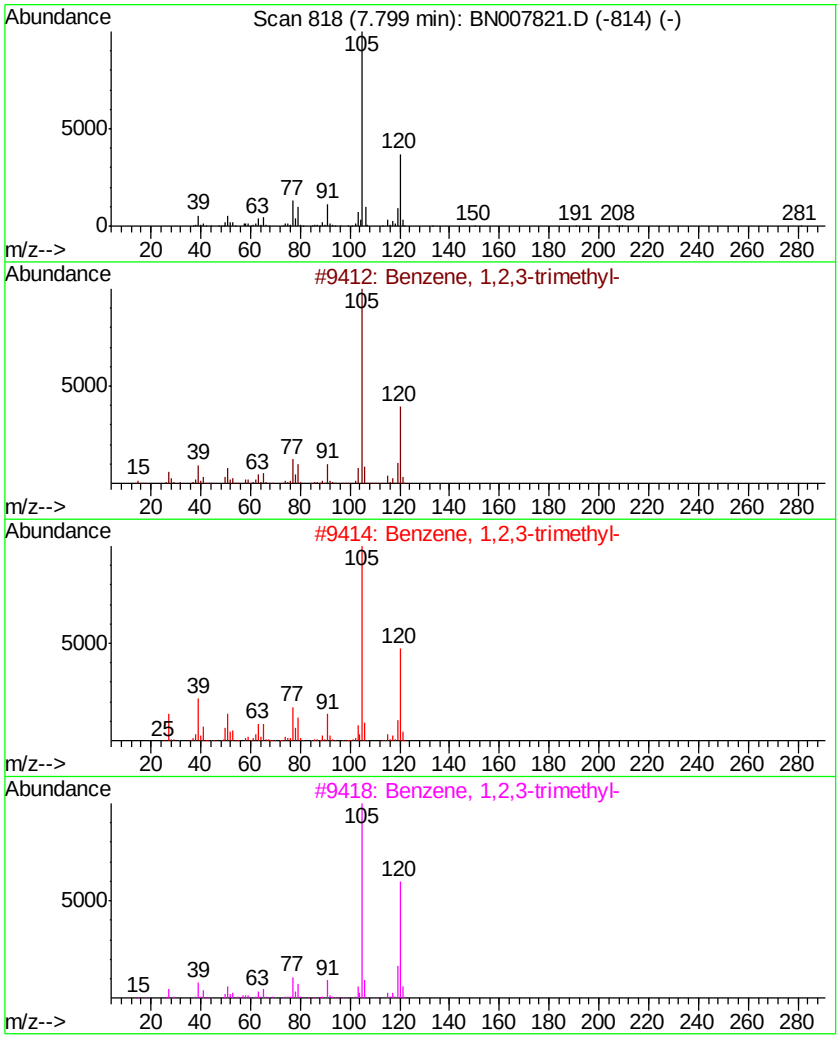
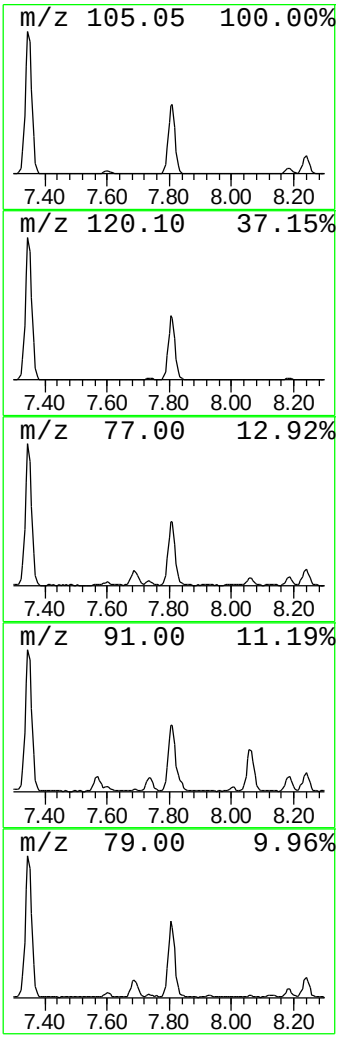
Peak Number 15 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	11.72 ng/ul	2134310	1,4-Dichlorobenzene-d4	7.69

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





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TIC Integration Parameters: LSCINT.P

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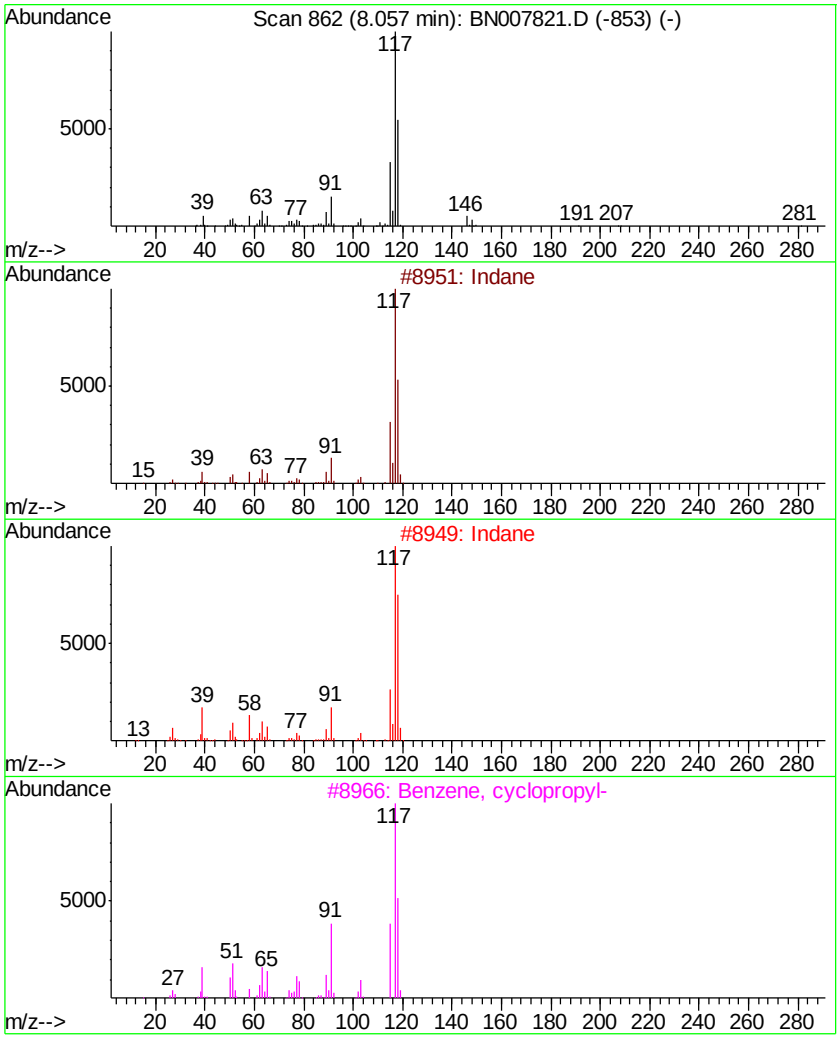
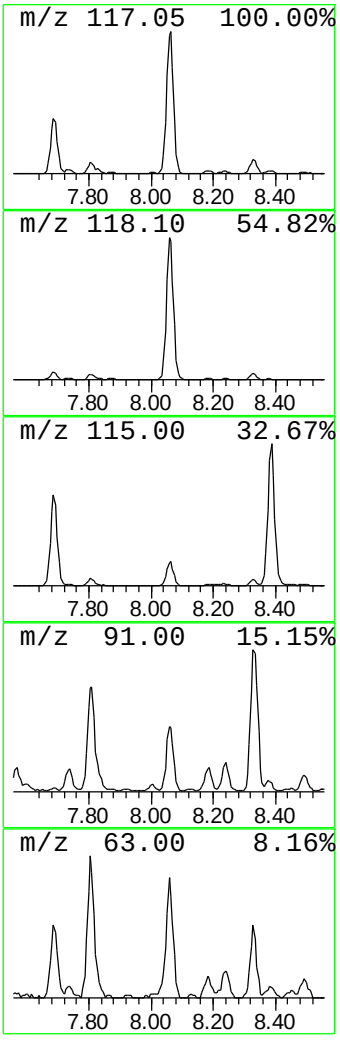
Peak Number 16 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	7.40 ng/ul	1346800	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Indane	118	C9H10	000496-11-7	74
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





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

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Peak Number 17 Benzene, 1-methyl-3-propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	2.52 ng/ul	458695	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
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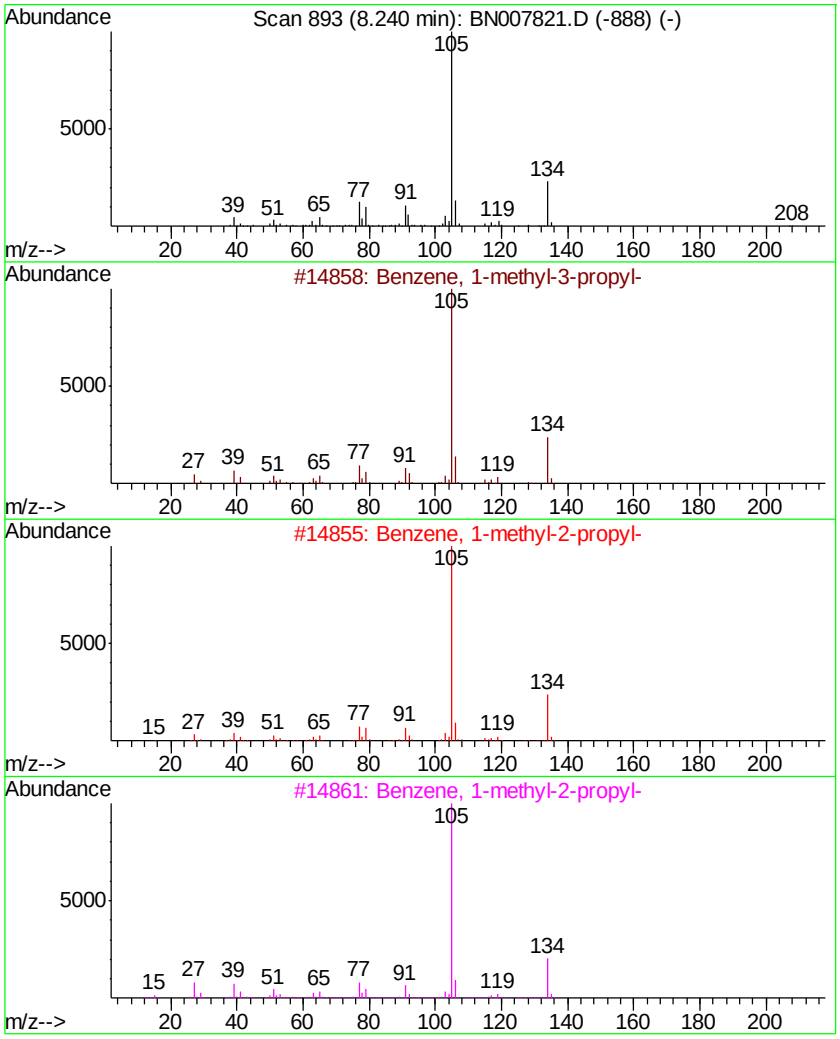

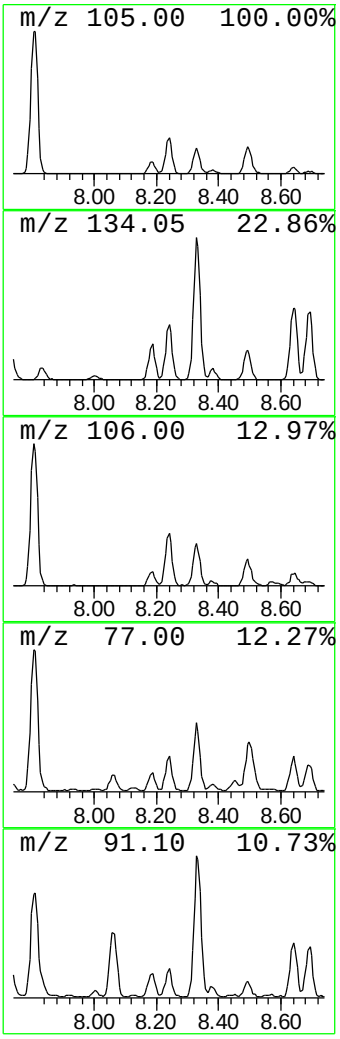

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TIC Integration Parameters: LSCINT.P

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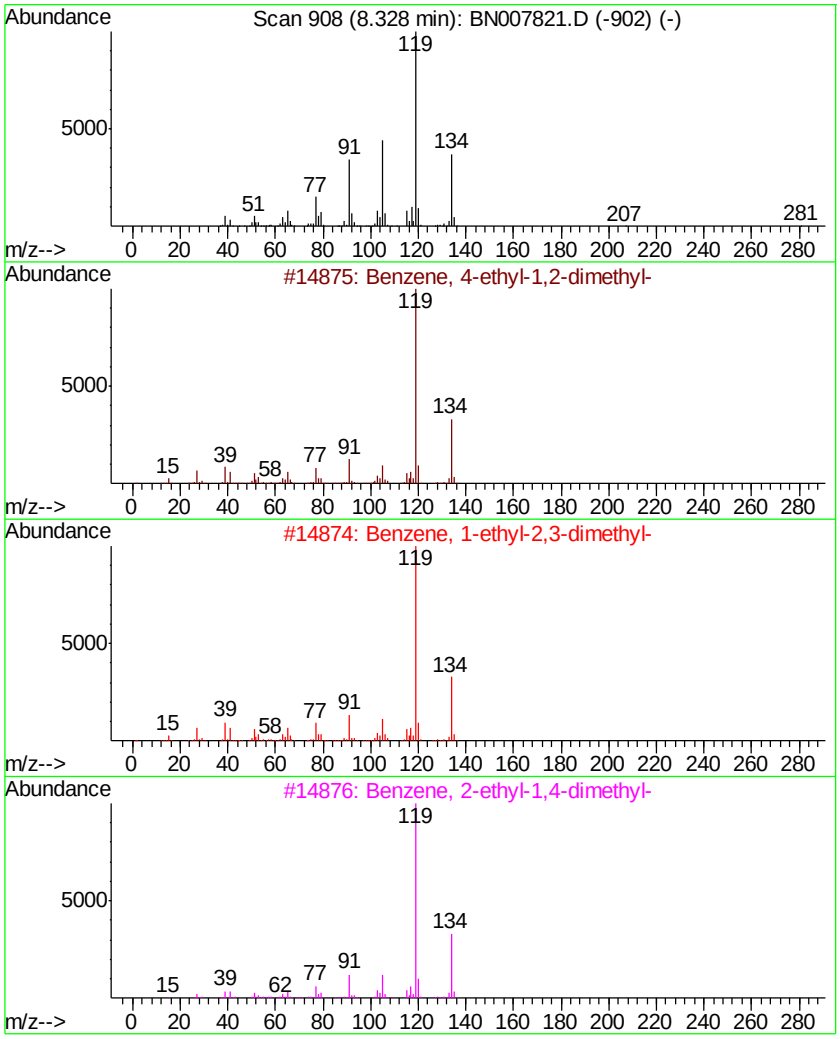
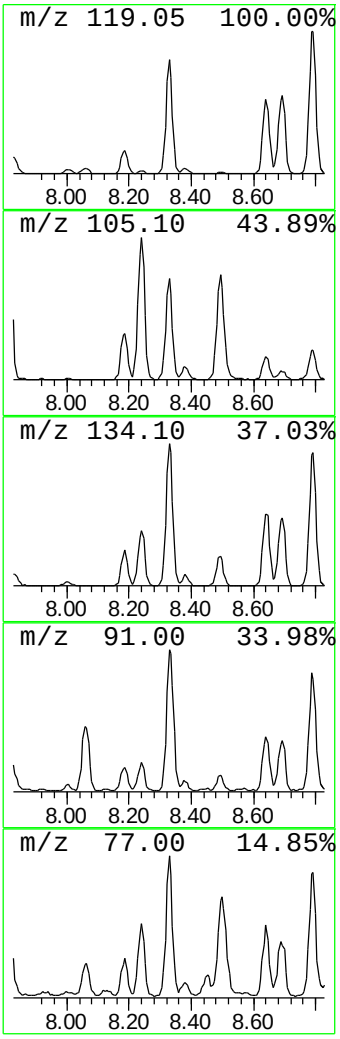
Peak Number 18 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	6.16 ng/ul	1121710	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Operator : HP/JU
Sample : K4895-13
Misc :
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Instrument : BNA_N
ClientSampleId : BFDJ1

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Quant Title : SVOA CALIBRATION

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

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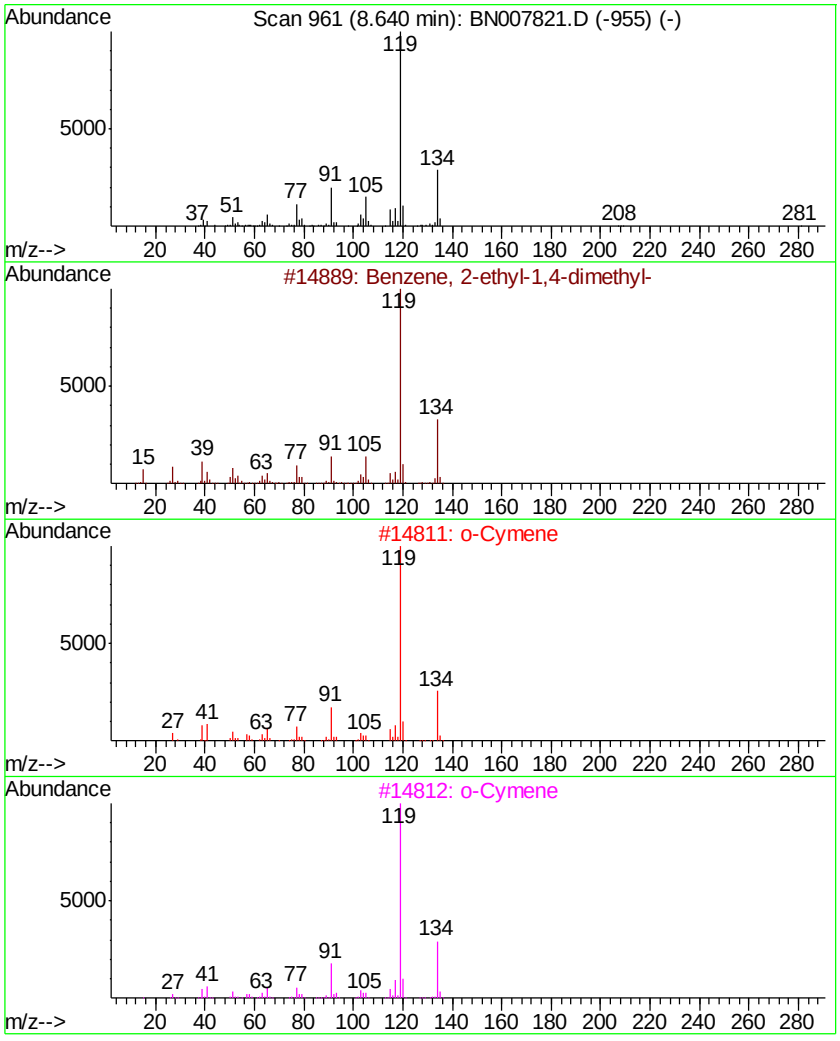
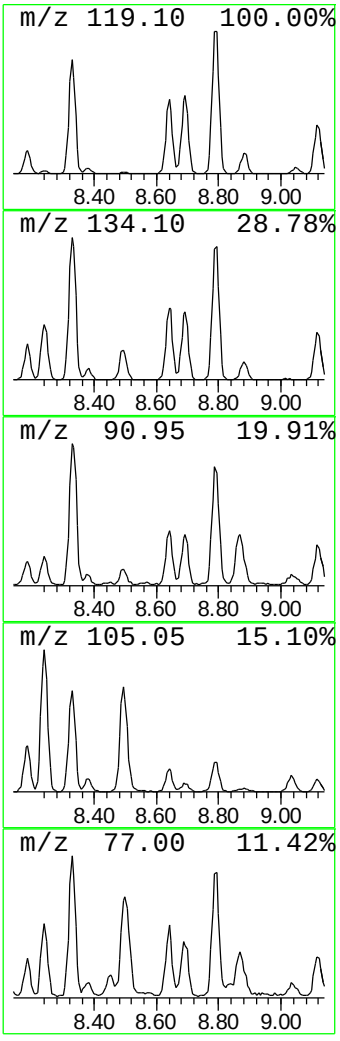
Peak Number 19 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	3.10 ng/ul	565218	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Quant Title : SVOA CALIBRATION

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

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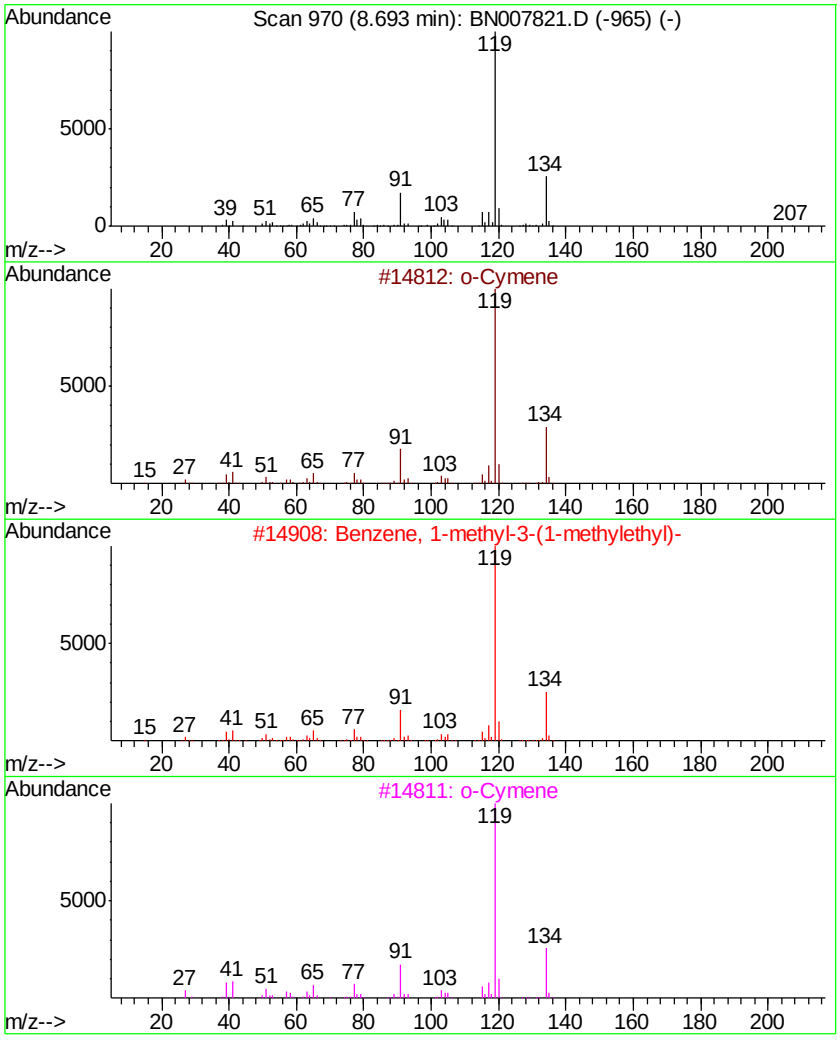
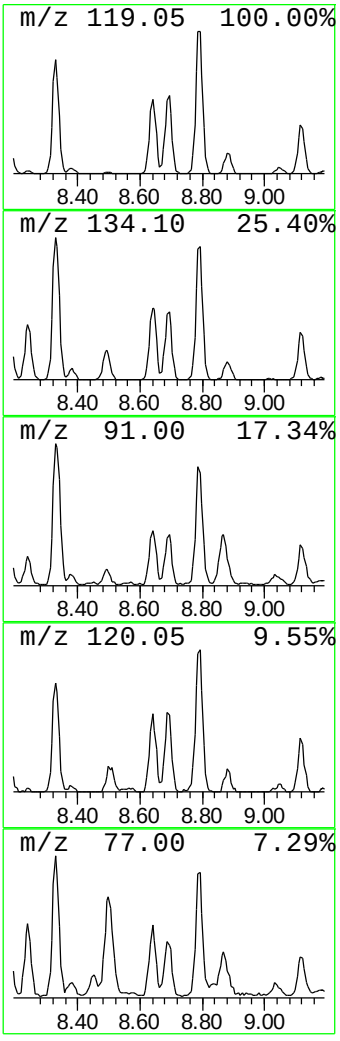
Peak Number 20 o-Cymene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	3.08 ng/ul	560139	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Quant Title : SVOA CALIBRATION

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

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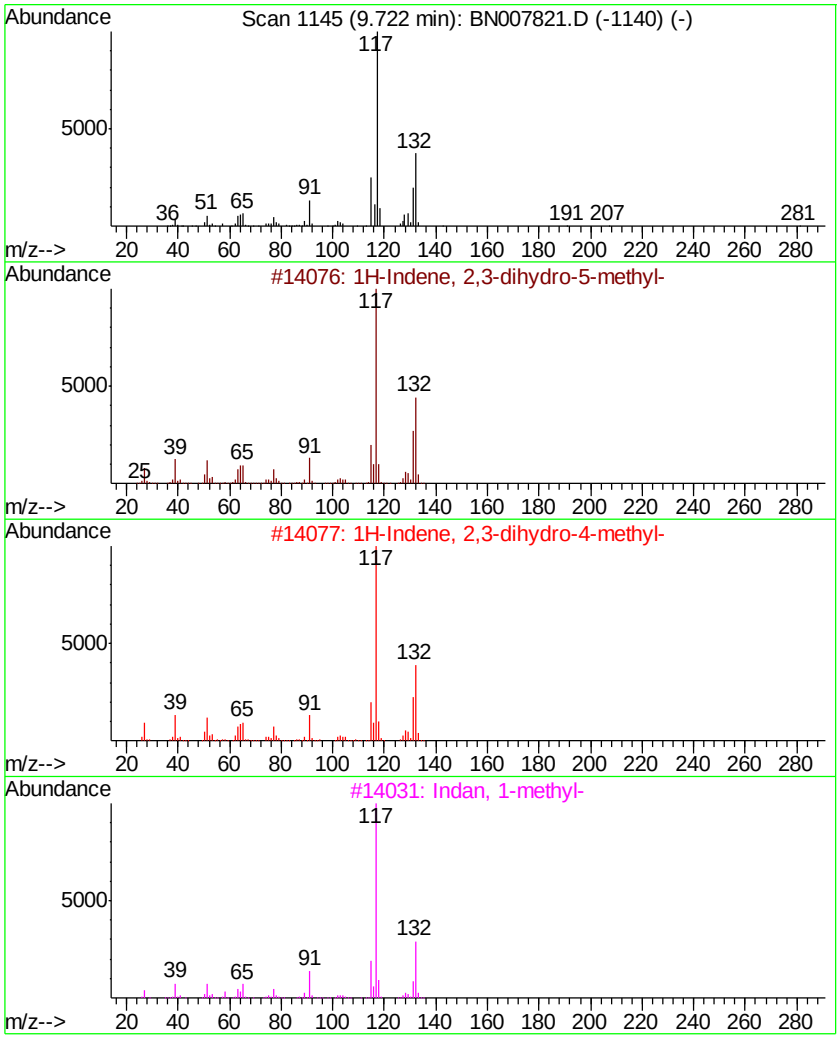
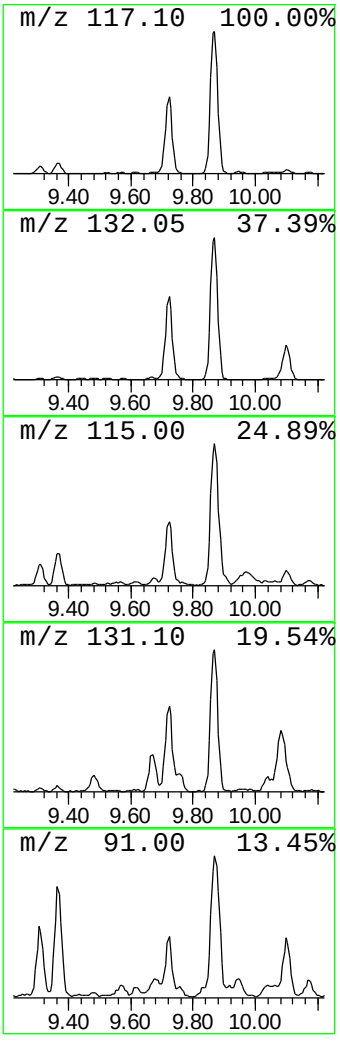
Peak Number 23 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.88 ng/ul	826768	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3	Indan, 1-methyl-	132	C10H12	000767-58-8	83
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72





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Quant Title : SVOA CALIBRATION

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

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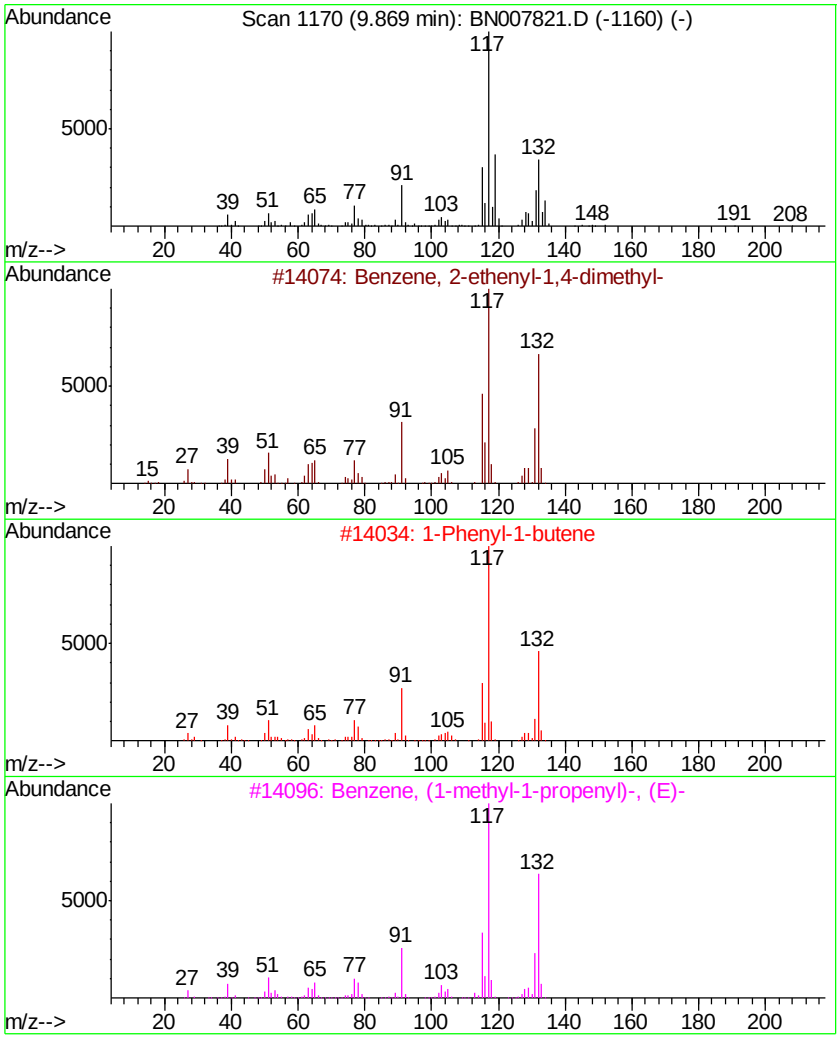
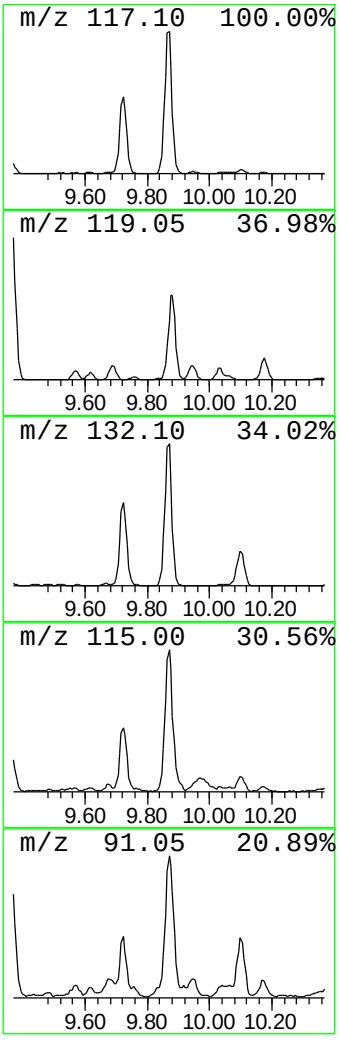
Peak Number 24 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	8.89 ng/ul	2549410	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81





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Quant Title : SVOA CALIBRATION

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

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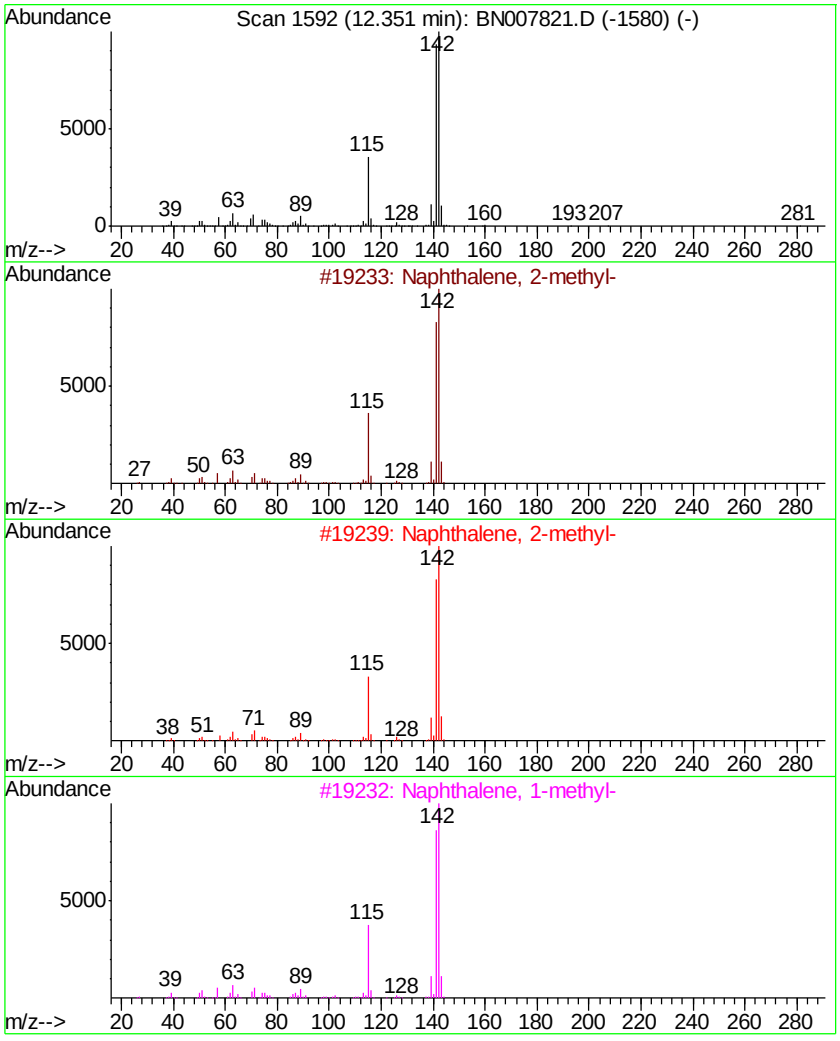
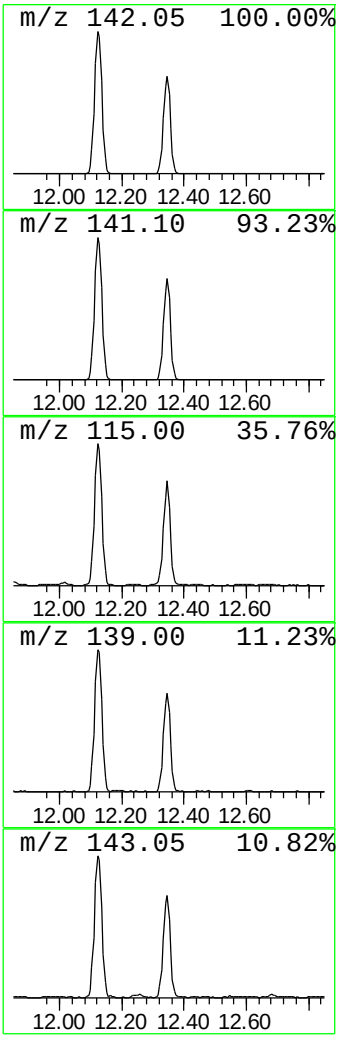
Peak Number 25 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	10.61 ng/ul	3043530	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Quant Title : SVOA CALIBRATION

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

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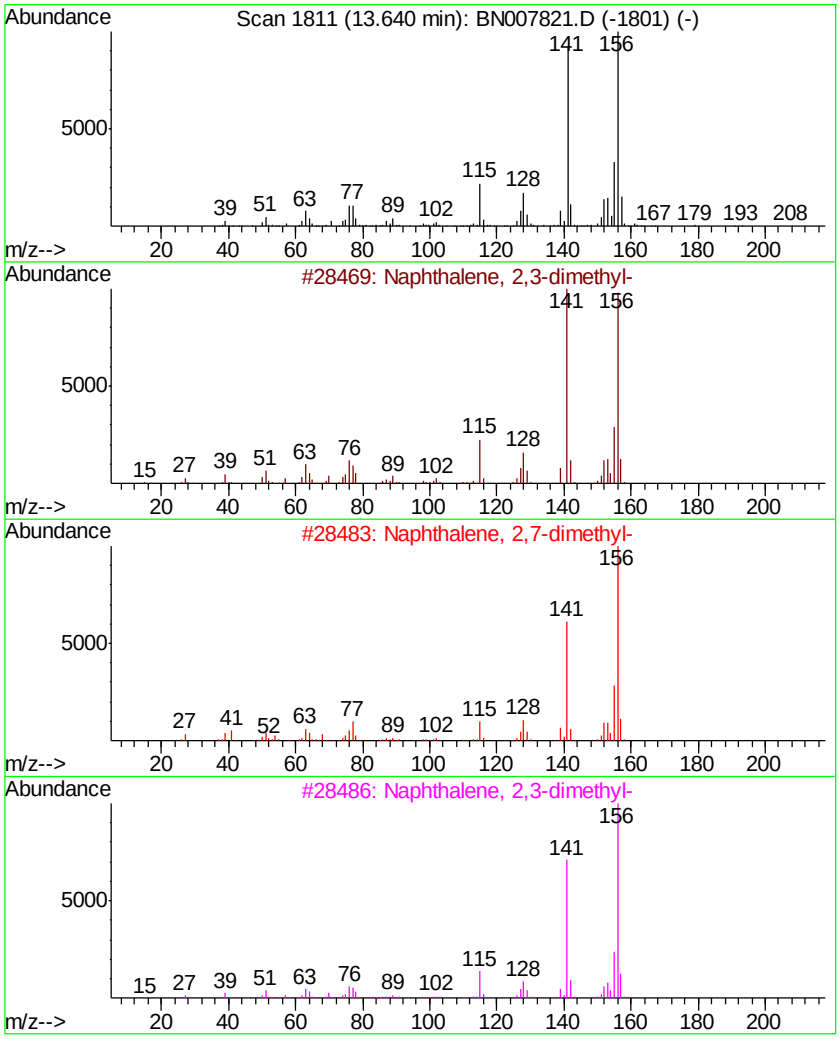
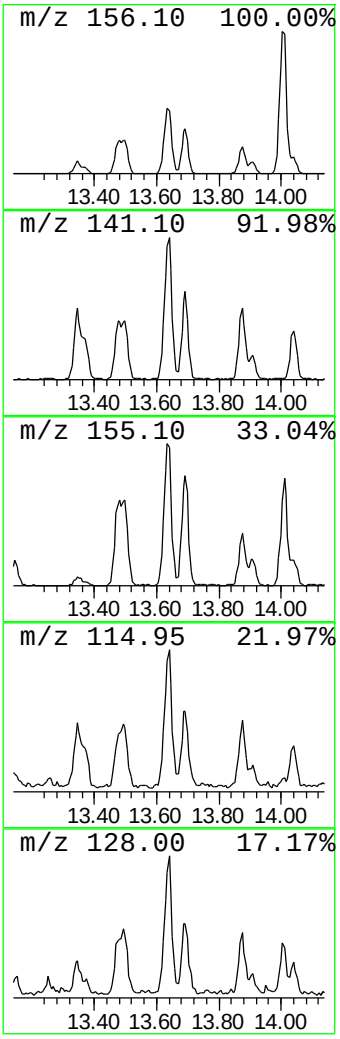
Peak Number 26 Naphthalene, 2,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.88 ng/ul	1072980	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Quant Title : SVOA CALIBRATION

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

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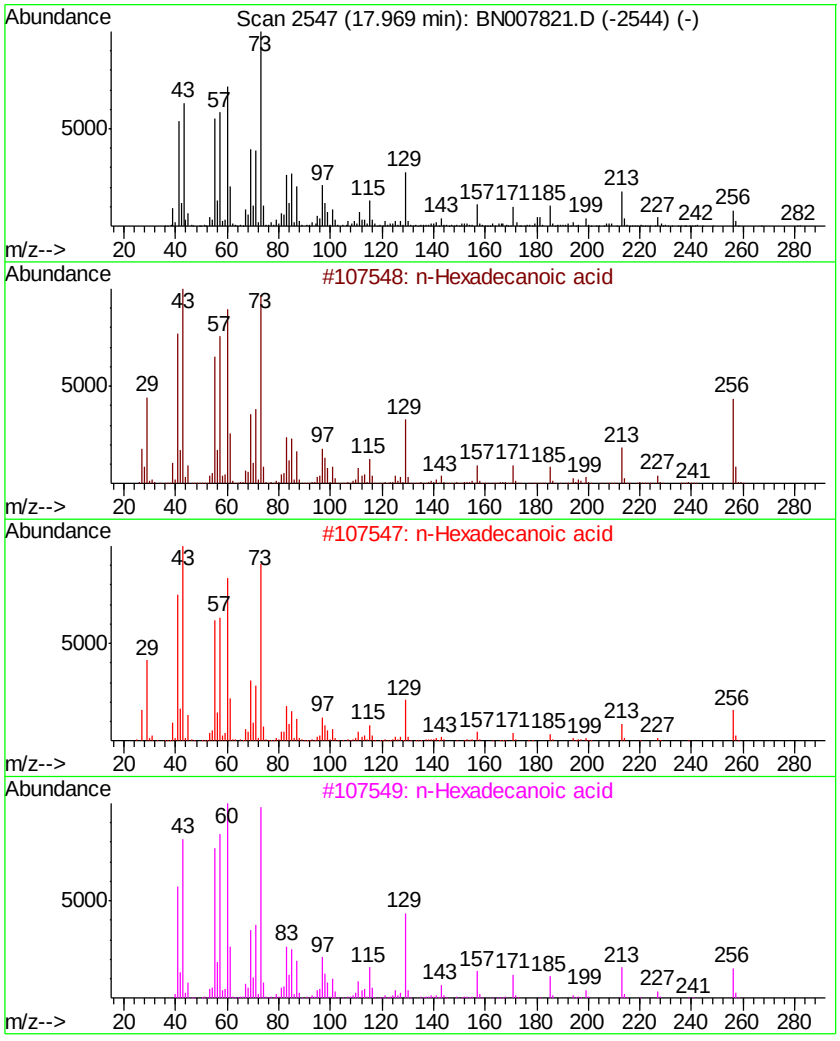
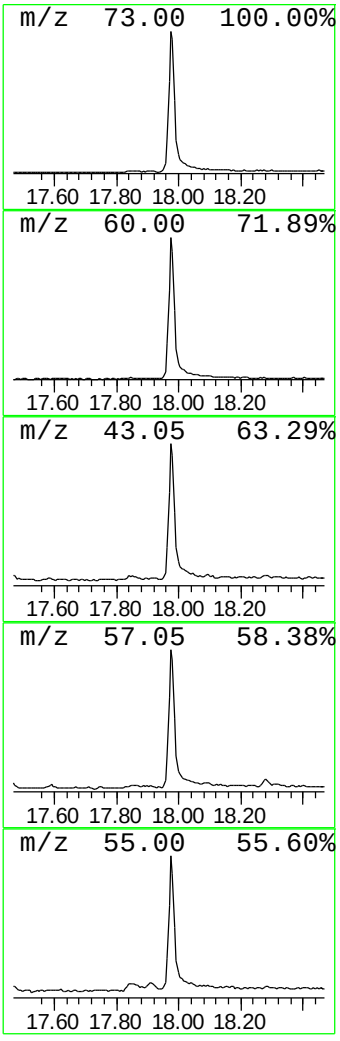
Peak Number 27 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	6.69 ng/ul	2953550	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86





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Quant Title : SVOA CALIBRATION

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

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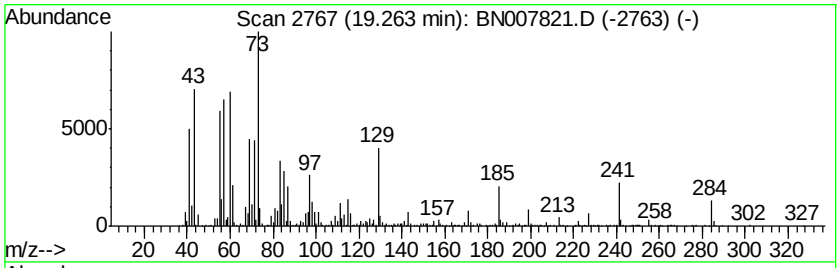
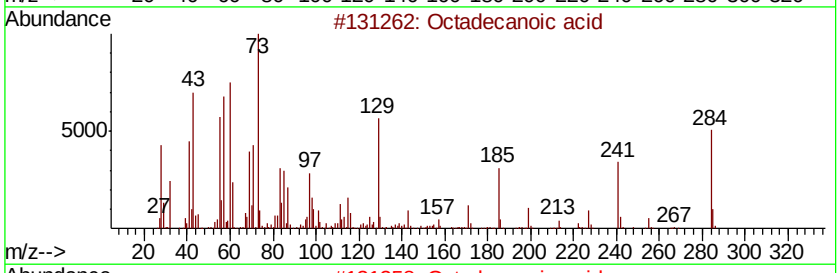
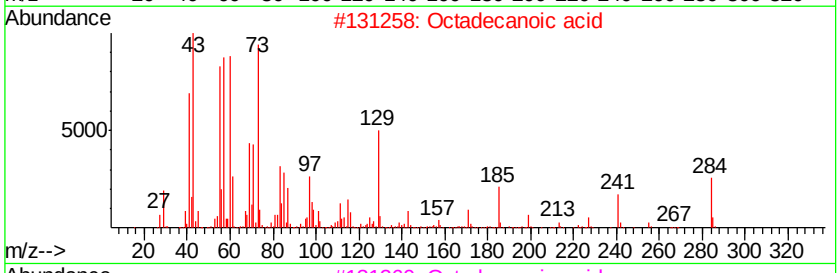
Peak Number 28 Octadecanoic acid Concentration Rank 25

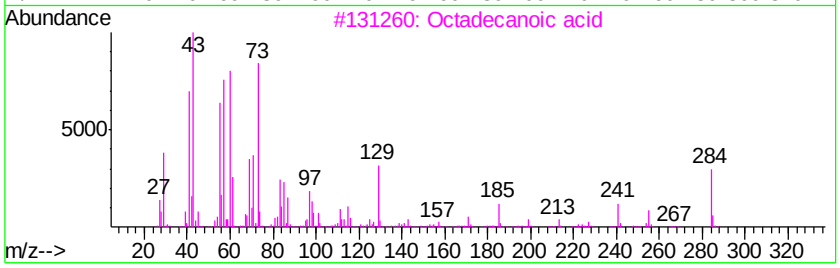
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.88 ng/ul	1548720	Chrysene-d12	21.26

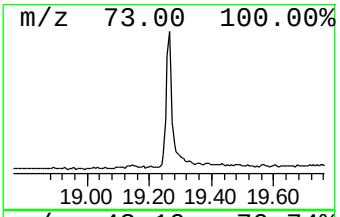
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86

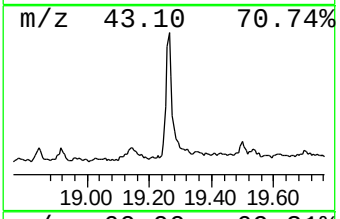


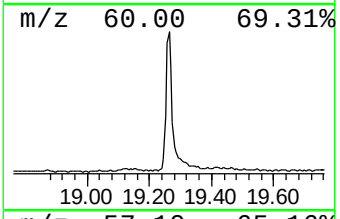


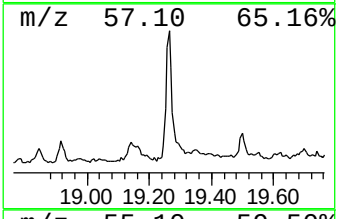


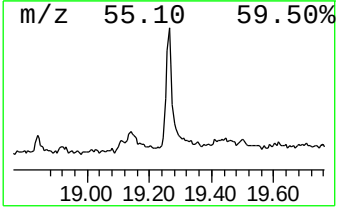












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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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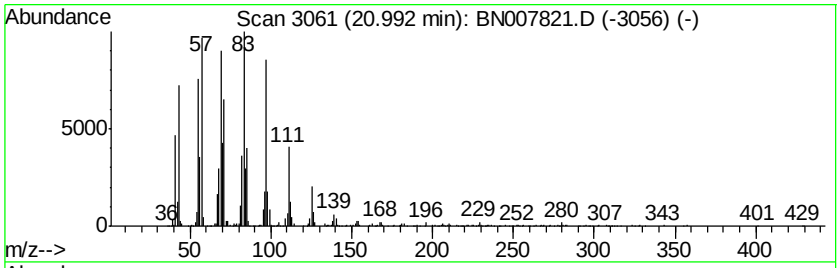
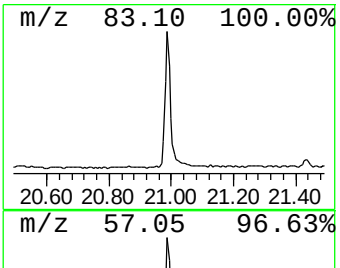
Peak Number 29 (DEL) Alkane: Cyclic20.99 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	4.34 ng/ul	2334090	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2	1-Nonadecene	266	C19H38	018435-45-5	97
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Cyclotetradecane	196	C14H28	000295-17-0	93





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Quant Title : SVOA CALIBRATION

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

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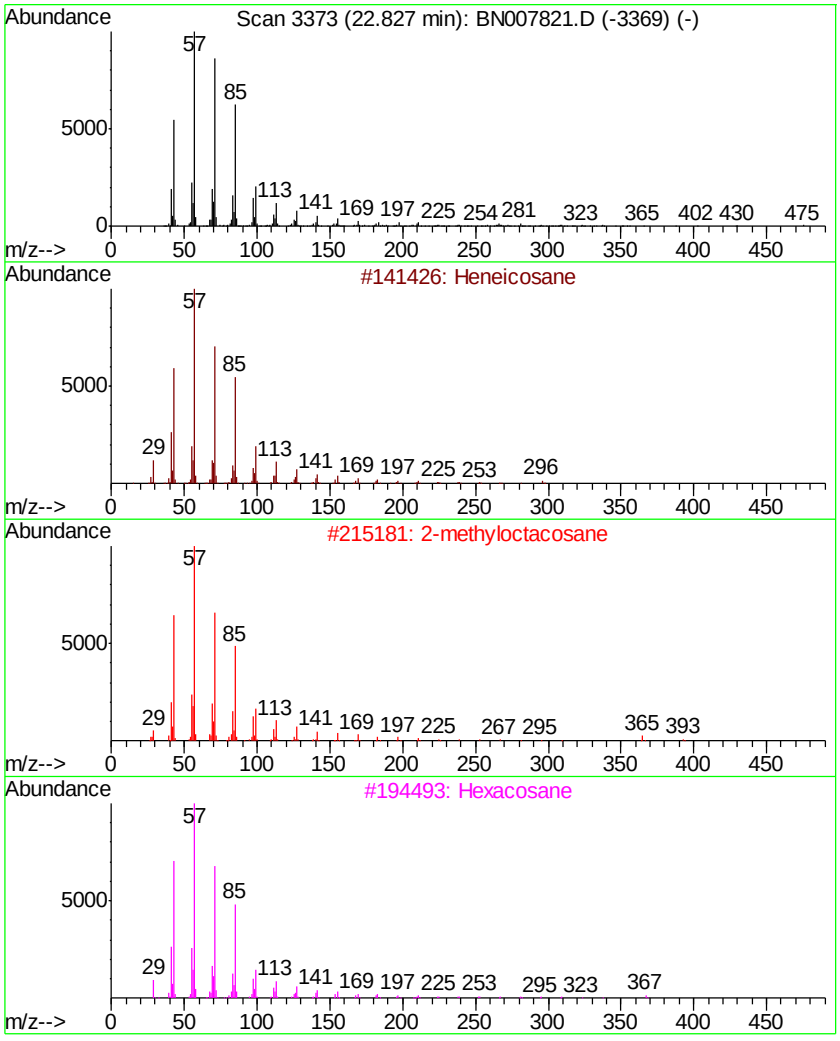
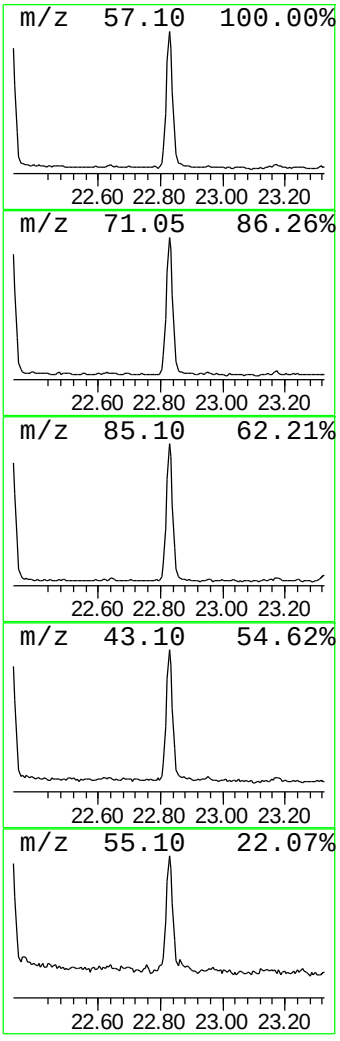
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.96 ng/ul	1671050	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane	240	C17H36	000629-78-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Acq On : 24 Sep 2019 02:52
Operator : HP/JU
Sample : K4895-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

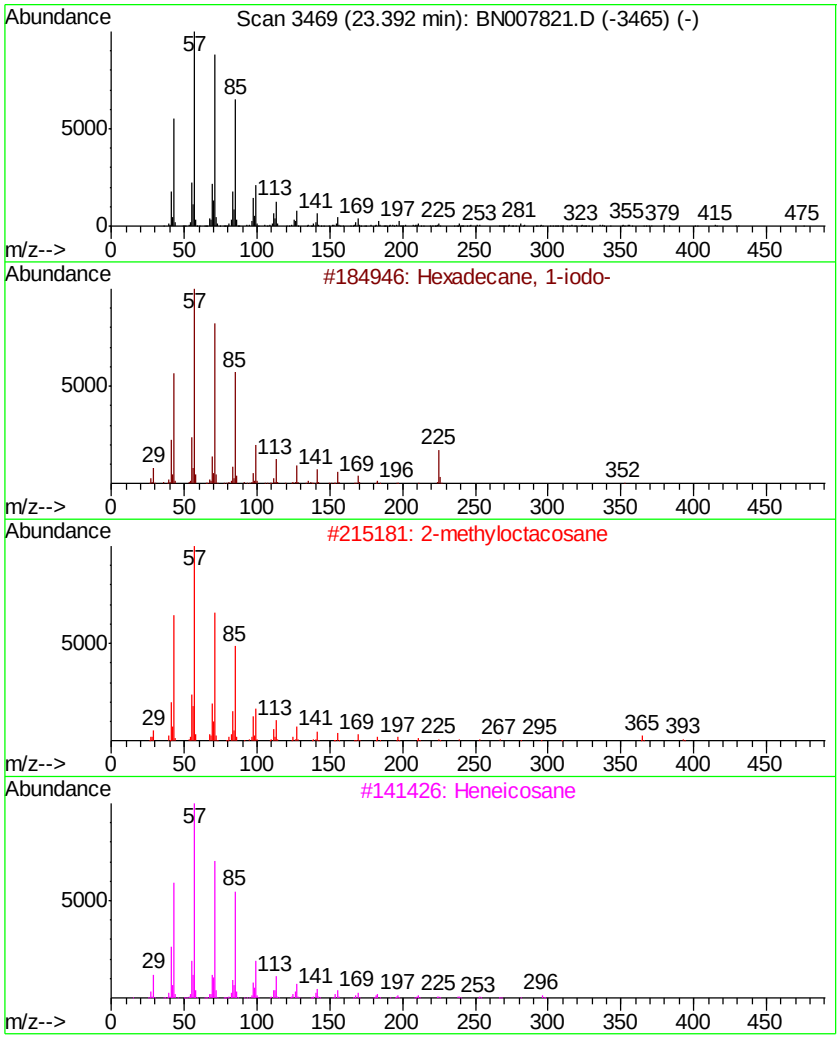
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

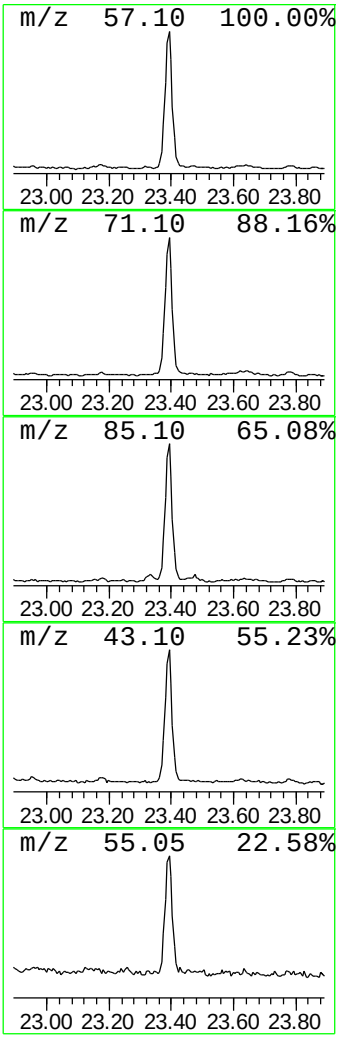
****

Peak Number 31 Hexadecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	3.08 ng/ul	1742190	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007821.D
Acq On : 24 Sep 2019 02:52
Operator : HP/JU
Sample : K4895-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

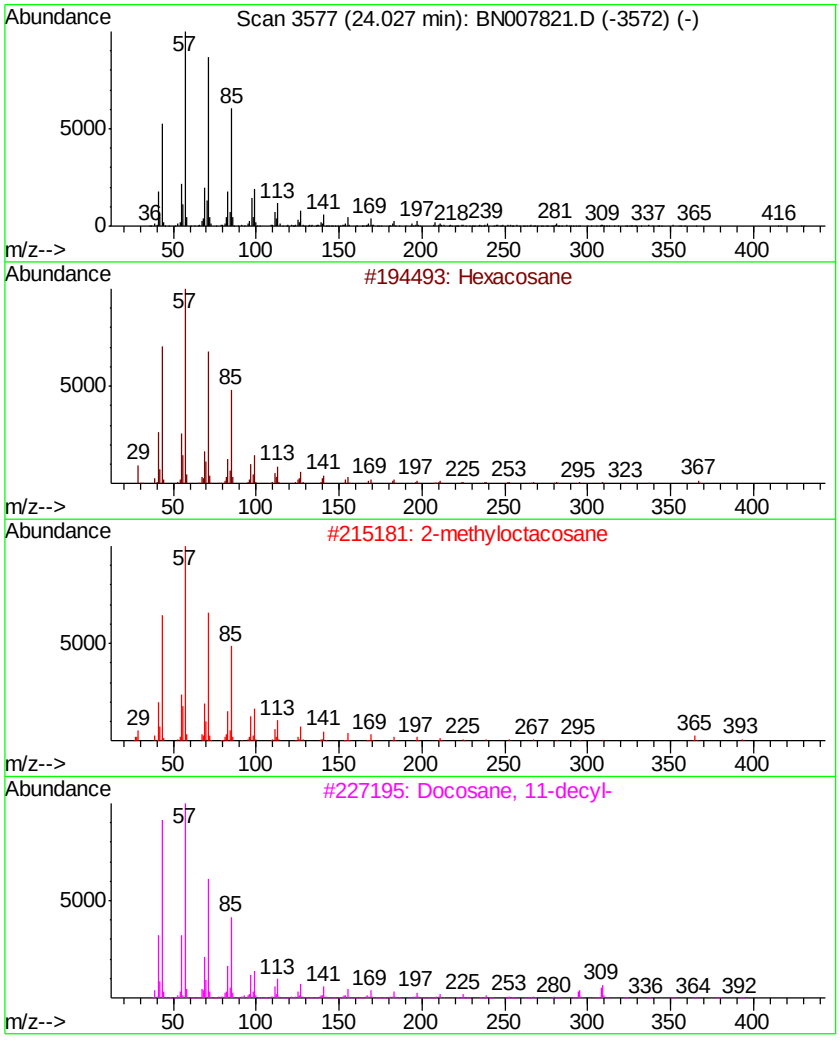
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

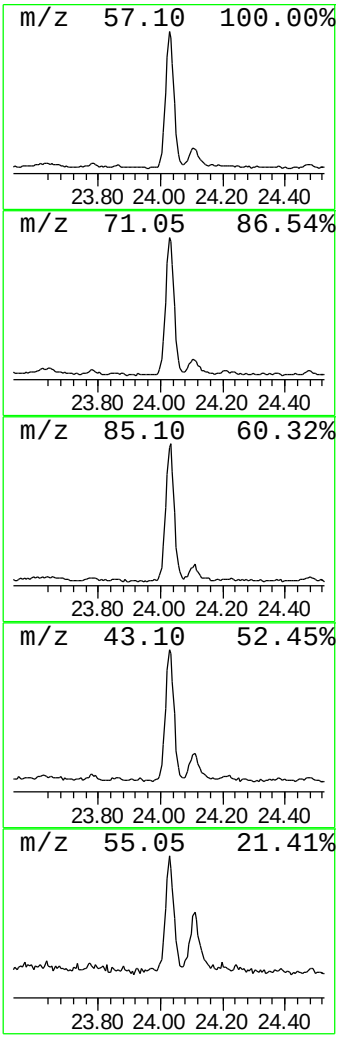
****

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.69 ng/ul	1516630	Perylene-d12	23.47

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	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
Data File : BN007821.D
Acq On : 24 Sep 2019 02:52
Operator : HP/JU
Sample : K4895-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDJ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.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
n-Propyl acetate	3.28	24.3	ng/ul	4418740	1	7.69	3642420	20.0
Propanoic acid, 1...	3.69	3.5	ng/ul	646202	1	7.69	3642420	20.0
Toluene	3.96	2.0	ng/ul	366446	1	7.69	3642420	20.0
(DEL) Alkane: Str...	4.22	9.3	ng/ul	1693320	1	7.69	3642420	20.0
Propanoic acid, p...	4.39	9.1	ng/ul	1664770	1	7.69	3642420	20.0
Butanoic acid, 1-...	4.83	16.9	ng/ul	3071300	1	7.69	3642420	20.0
Ethylbenzene	5.25	2.5	ng/ul	452824	1	7.69	3642420	20.0
p-Xylene	5.38	9.8	ng/ul	1783860	1	7.69	3642420	20.0
Butanoic acid, pr...	5.68	2.4	ng/ul	428928	1	7.69	3642420	20.0
Benzene, propyl-	6.69	2.3	ng/ul	426752	1	7.69	3642420	20.0
Benzene, 1-ethyl-...	6.80	8.1	ng/ul	1482320	1	7.69	3642420	20.0
Benzene, 1,2,4-tr...	7.09	5.8	ng/ul	1047320	1	7.69	3642420	20.0
Benzene, 1,2,3-tr...	7.35	22.6	ng/ul	4116460	1	7.69	3642420	20.0
Mesitylene	7.80	11.7	ng/ul	2134310	1	7.69	3642420	20.0
Indane	8.06	7.4	ng/ul	1346800	1	7.69	3642420	20.0
Benzene, 1-methyl...	8.24	2.5	ng/ul	458695	1	7.69	3642420	20.0
Benzene, 4-ethyl-...	8.33	6.2	ng/ul	1121710	1	7.69	3642420	20.0
Benzene, 2-ethyl-...	8.64	3.1	ng/ul	565218	1	7.69	3642420	20.0
o-Cymene	8.69	3.1	ng/ul	560139	1	7.69	3642420	20.0
1H-Indene, 2,3-di...	9.72	2.9	ng/ul	826768	2	10.46	5735080	20.0
Benzene, 2-etheny...	9.87	8.9	ng/ul	2549410	2	10.46	5735080	20.0
Naphthalene, 1-me...	12.35	10.6	ng/ul	3043530	2	10.46	5735080	20.0
Naphthalene, 2,3-...	13.64	2.9	ng/ul	1072980	3	14.32	7462190	20.0
n-Hexadecanoic acid	17.97	6.7	ng/ul	2953550	4	17.06	8833310	20.0
Octadecanoic acid	19.26	2.9	ng/ul	1548720	5	21.26	10750400	20.0
(DEL) Alkane: Cyc...	20.99	4.3	ng/ul	2334090	5	21.26	10750400	20.0
(DEL) Alkane: Str...	22.83	3.0	ng/ul	1671050	6	23.47	11296100	20.0
Hexadecane, 1-iodo-	23.39	3.1	ng/ul	1742190	6	23.47	11296100	20.0
(DEL) Alkane: Str...	24.03	2.7	ng/ul	1516630	6	23.47	11296100	20.0