LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021530.D
Acq On : 18 Jul 2019 19:07
Operator : HP/JU
Sample : K3822-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B2

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_M\METHODS\SOM-EPA-BM070819MA.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	3.216	36	39	44	rVB	123441	163094	3.06%	0.253%
2	3.287	49	51	57	rVB	50602	58905	1.11%	0.091%
3	6.763	635	642	653	rVB2	99467	211456	3.97%	0.328%
4	6.893	659	664	667	rBV	220236	370733	6.96%	0.576%
5	7.063	687	693	703	rVB	562622	867401	16.28%	1.347%
6	7.251	719	725	734	rVB	696449	1097787	20.61%	1.705%
7	7.716	798	804	810	rBV	677868	1052307	19.75%	1.634%
8	7.775	811	814	826	rVB5	31252	69491	1.30%	0.108%
9	7.904	832	836	848	rVB4	48607	117238	2.20%	0.182%
10	8.081	862	866	875	rVB2	39492	63231	1.19%	0.098%
11	8.245	885	894	899	rVB2	45183	97394	1.83%	0.151%
12	8.322	901	907	916	rVB	99618	194692	3.65%	0.302%
13	8.422	918	924	932	rBV	559420	915543	17.18%	1.422%
14	8.881	995	1002	1012	rBV	758837	1255263	23.56%	1.949%
15	9.592	1116	1123	1133	rBV	644942	1065743	20.00%	1.655%
16	9.892	1147	1174	1188	rBV	725184	3115915	58.49%	4.838%
17	9.992	1188	1191	1196	rVB5	15693	23216	0.44%	0.036%
18	10.128	1207	1214	1234	rVB	942959	1717839	32.24%	2.667%
19	10.498	1269	1277	1281	rBV	921102	1530510	28.73%	2.376%
20	10.551	1281	1286	1299	rVV	1473503	2450326	45.99%	3.805%
21	10.669	1299	1306	1316	rVB3	129595	256244	4.81%	0.398%
22	11.022	1358	1366	1370	rBV2	165379	322027	6.04%	0.500%
23	11.075	1370	1375	1386	rVB	152454	297632	5.59%	0.462%
24	11.181	1391	1393	1403	rVB8	10076	16865	0.32%	0.026%
25	11.322	1404	1417	1430	rBV	256437	620312	11.64%	0.963%
26	11.451	1433	1439	1454	rVB	145399	278723	5.23%	0.433%
27	12.022	1531	1536	1541	rBV4	21518	45881	0.86%	0.071%
28	12.092	1545	1548	1553	rVB3	17541	27532	0.52%	0.043%
29	12.163	1553	1560	1569	rBV	363585	602660	11.31%	0.936%
30	12.333	1583	1589	1593	rVV2	127942	234380	4.40%	0.364%
31	12.386	1593	1598	1603	rVV	282298	473106	8.88%	0.735%
32	12.428	1603	1605	1611	rVV2	41745	63762	1.20%	0.099%
33	12.498	1611	1617	1627	rVV3	46093	120373	2.26%	0.187%
34	12.639	1636	1641	1648	rVV4	18565	35040	0.66%	0.054%

LSC Area Percent Report

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Sample : K3822-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B2

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_M\METHODS\SOM-EPA-BM070819MA.M
Title : SVOA CALIBRATION

35	12.757	1657	1661	1671	rVB4	19763	42507	0.80%	0.066%
36	13.110	1714	1721	1727	rBV3	15462	30458	0.57%	0.047%
37	13.186	1727	1734	1740	rBV	95493	140092	2.63%	0.218%
38	13.245	1740	1744	1749	rBV	74264	112381	2.11%	0.174%
39	13.298	1749	1753	1758	rVV	33370	52796	0.99%	0.082%
40	13.380	1762	1767	1770	rBV	24890	36805	0.69%	0.057%
41	13.516	1785	1790	1792	rBV3	46310	77437	1.45%	0.120%
42	13.669	1809	1816	1822	rBV3	78796	153788	2.89%	0.239%
43	13.733	1822	1827	1829	rVV	52520	77326	1.45%	0.120%
44	13.774	1829	1834	1839	rVV	1756259	2437712	45.76%	3.785%
45	13.822	1839	1842	1850	rVB	177440	242622	4.55%	0.377%
46	13.916	1850	1858	1861	rBV2	29717	50594	0.95%	0.079%
47	14.051	1874	1881	1892	rVB	2036141	3093921	58.07%	4.804%
48	14.239	1909	1913	1925	rVB	35156	56155	1.05%	0.087%
49	14.363	1925	1934	1940	rBV2	1290985	2041873	38.33%	3.170%
50	14.422	1940	1944	1952	rVB	388910	571939	10.74%	0.888%
51	14.510	1954	1959	1962	rBV	19648	27219	0.51%	0.042%
52	14.592	1962	1973	1982	rVV	119793	267344	5.02%	0.415%
53	14.669	1984	1986	1991	rVV	19234	24593	0.46%	0.038%
54	14.763	1995	2002	2012	rVV	331483	510844	9.59%	0.793%
55	14.833	2012	2014	2023	rVB4	9528	15839	0.30%	0.025%
56	14.980	2033	2039	2043	rVB7	9713	18598	0.35%	0.029%
57	15.357	2094	2103	2108	rVV	2598702	3662147	68.74%	5.686%
58	15.416	2108	2113	2120	rVB	382953	555608	10.43%	0.863%
59	15.492	2120	2126	2132	rBV	670666	917664	17.22%	1.425%
60	15.574	2137	2140	2141	rBV	22436	22252	0.42%	0.035%
61	15.710	2158	2163	2168	rVB	45518	64568	1.21%	0.100%
62	15.768	2168	2173	2178	rBV5	12142	21245	0.40%	0.033%
63	15.857	2178	2188	2196	rVV	42853	94649	1.78%	0.147%
64	16.104	2220	2230	2235	rBV	138577	252555	4.74%	0.392%
65	16.215	2245	2249	2256	rBV3	27347	51231	0.96%	0.080%
66	16.392	2274	2279	2281	rVV6	17286	25970	0.49%	0.040%
67	16.416	2281	2283	2288	rVV2	26547	33145	0.62%	0.051%
68	16.515	2296	2300	2304	rBV5	28741	41682	0.78%	0.065%
69	16.739	2333	2338	2342	rVV6	13188	23494	0.44%	0.036%
70	16.933	2367	2371	2379	rVB	57958	83507	1.57%	0.130%
71	17.115	2393	2402	2405	rBV	1587253	2261573	42.45%	3.512%

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Instrument : BNA_M
ClientSampleId : BF4B2

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
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Title : SVOA CALIBRATION

72	17.157	2405	2409	2413	rVV	769891	1106873	20.78%	1.719%
73	17.210	2413	2418	2428	rVV2	2649060	3869713	72.63%	6.009%
74	17.280	2428	2430	2435	rVV4	24035	33943	0.64%	0.053%
75	17.527	2464	2472	2479	rVV	84987	134763	2.53%	0.209%
76	17.880	2527	2532	2542	rVV2	57963	94831	1.78%	0.147%
77	18.004	2546	2553	2569	rBV2	393038	808250	15.17%	1.255%
78	18.186	2579	2584	2588	rBV	56027	86958	1.63%	0.135%
79	18.292	2598	2602	2606	rBV4	20969	30289	0.57%	0.047%
80	18.345	2608	2611	2615	rBV5	12474	18892	0.35%	0.029%
81	18.492	2633	2636	2640	rVB4	14085	17979	0.34%	0.028%
82	18.551	2642	2646	2651	rBV6	12810	22964	0.43%	0.036%
83	18.927	2706	2710	2719	rBV3	30651	61192	1.15%	0.095%
84	19.145	2743	2747	2748	rBV	60524	71396	1.34%	0.111%
85	19.174	2748	2752	2760	rVB	184692	286225	5.37%	0.444%
86	19.286	2767	2771	2781	rBV	195155	333430	6.26%	0.518%
87	19.398	2787	2790	2793	rVB	19640	23273	0.44%	0.036%
88	19.509	2803	2809	2824	rBV	3374351	4668718	87.63%	7.249%
89	20.045	2896	2900	2905	rVB	97189	110435	2.07%	0.171%
90	20.539	2981	2984	2988	rBV	194308	211110	3.96%	0.328%
91	21.003	3060	3063	3073	rBV	327443	442007	8.30%	0.686%
92	21.303	3108	3114	3123	rBV	1958880	2603007	48.86%	4.042%
93	21.439	3134	3137	3142	rBV	411991	414291	7.78%	0.643%
94	21.874	3208	3211	3216	rBV	412452	455917	8.56%	0.708%
95	22.339	3286	3290	3299	rBV	471121	645080	12.11%	1.002%
96	22.468	3308	3312	3317	rVB	582439	693489	13.02%	1.077%
97	22.844	3373	3376	3383	rVB	497964	646301	12.13%	1.004%
98	23.415	3466	3473	3488	rVB	2904052	5327625	100.00%	8.272%
99	23.556	3491	3497	3509	rVB	1359148	2619652	49.17%	4.068%
100	24.056	3579	3582	3589	rVB	330286	537906	10.10%	0.835%

Sum of corrected areas: 64403263

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021530.D
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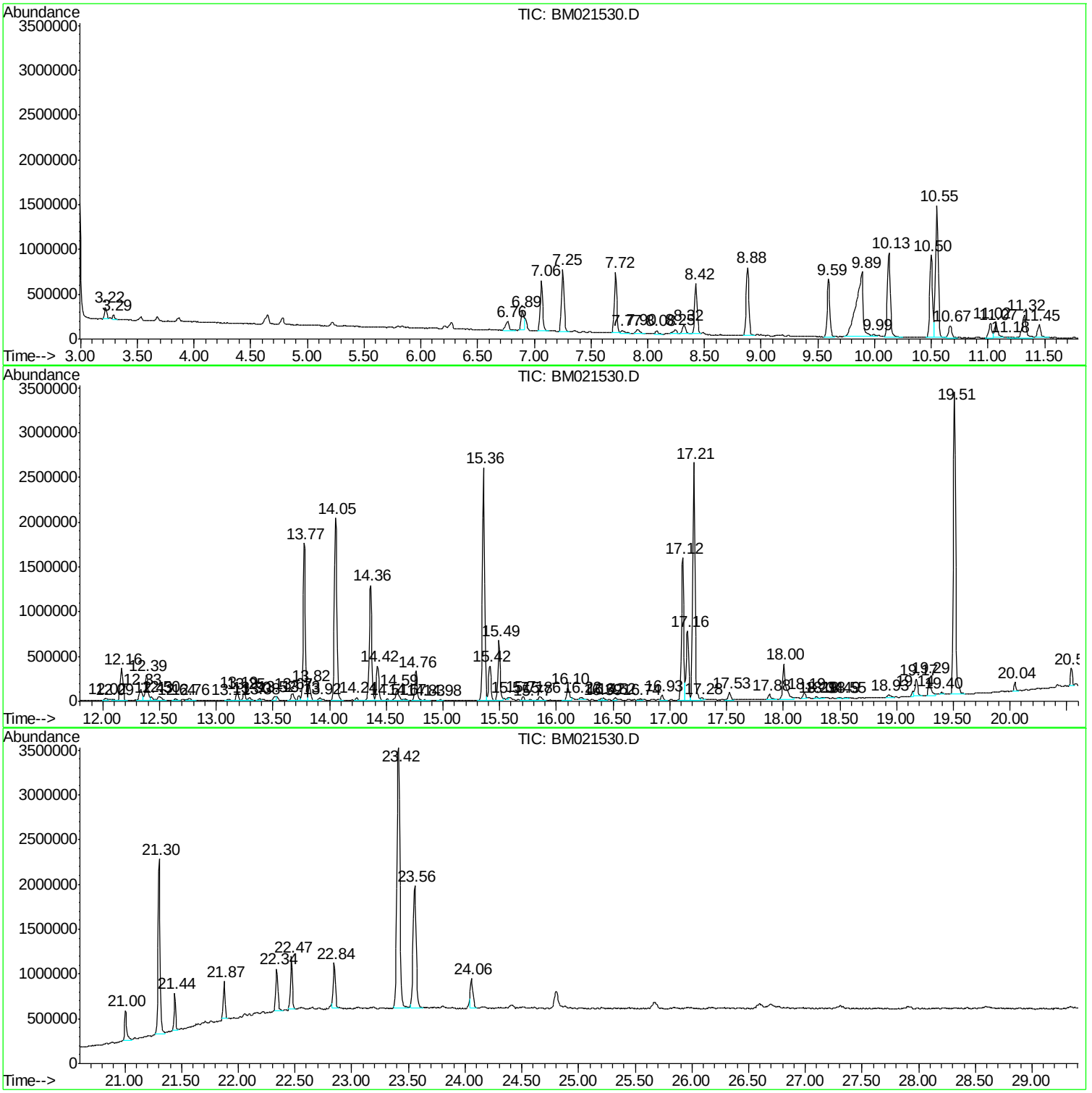
Sample : K3822-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
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Instrument : BNA_M
ClientSampleId : BF4B2

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Quant Title : SVOA CALIBRATION

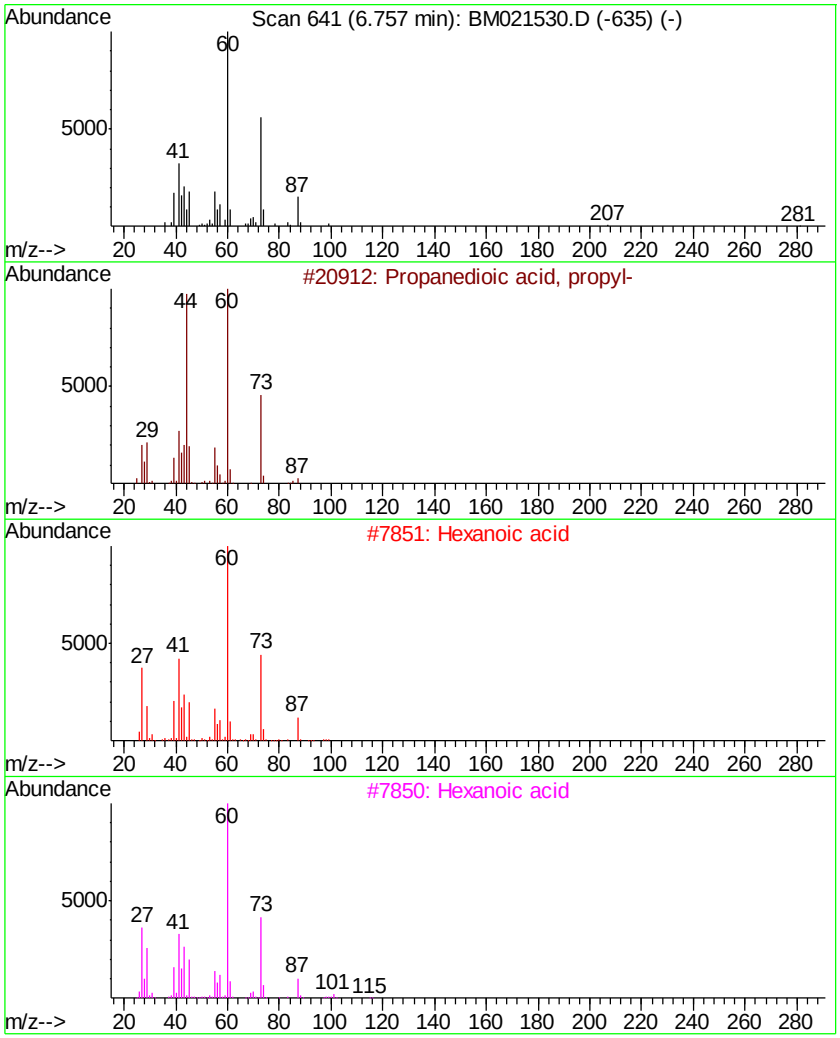
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

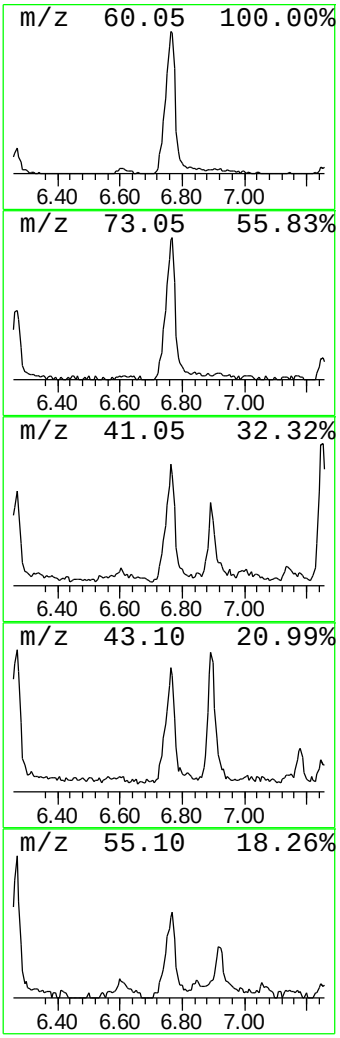
****

Peak Number 1 Propanedioic acid, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	4.02 ng/ul	211456	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	83
2	Hexanoic acid	116	C6H12O2	000142-62-1	83
3	Hexanoic acid	116	C6H12O2	000142-62-1	83
4	Hexanoic acid	116	C6H12O2	000142-62-1	78
5	Heptanoic acid	130	C7H14O2	000111-14-8	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
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ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

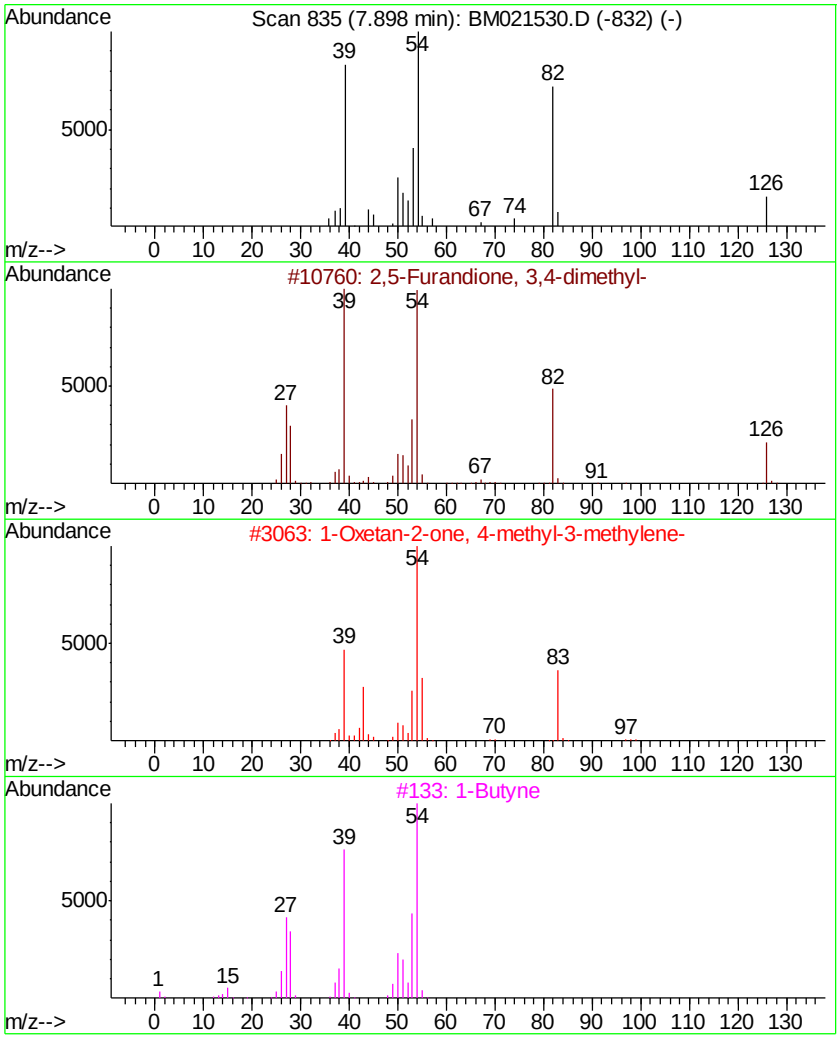
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

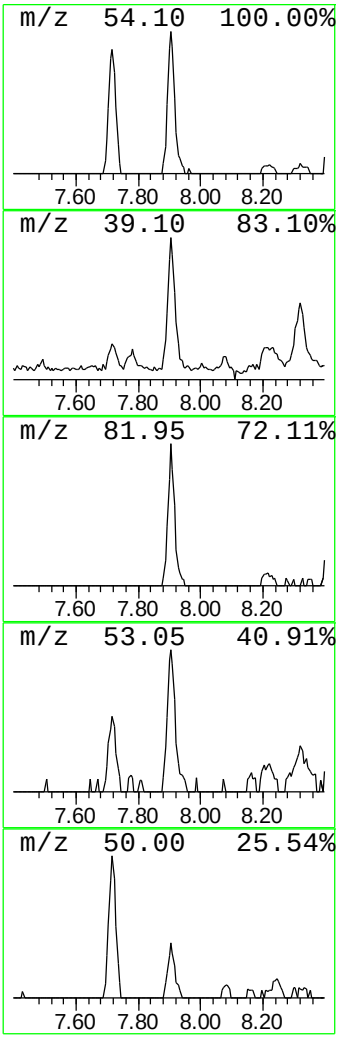
****

Peak Number 2 2,5-Furandione, 3,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	2.23 ng/ul	117238	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Furandione, 3,4-dimethyl-	126	C6H6O3	000766-39-2	86
2	1-Oxetan-2-one, 4-methyl-3-methy...	98	C5H6O2	1000142-17-3	56
3	1-Butyne	54	C4H6	000107-00-6	56
4	1-Propene, 3-azido-	83	C3H5N3	000821-13-6	53
5	2-Cyclohexen-1-one, 2-methyl-	110	C7H10O	001121-18-2	50





Library Search Compound Report

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ClientSampleId : BF4B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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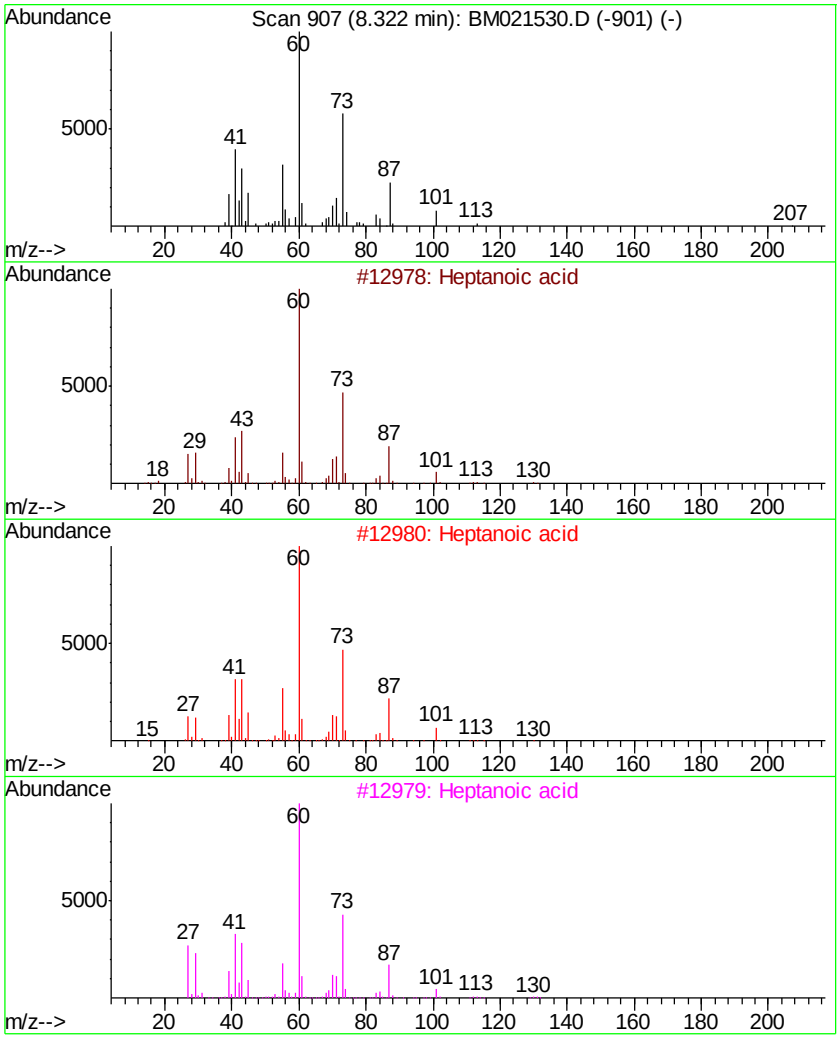
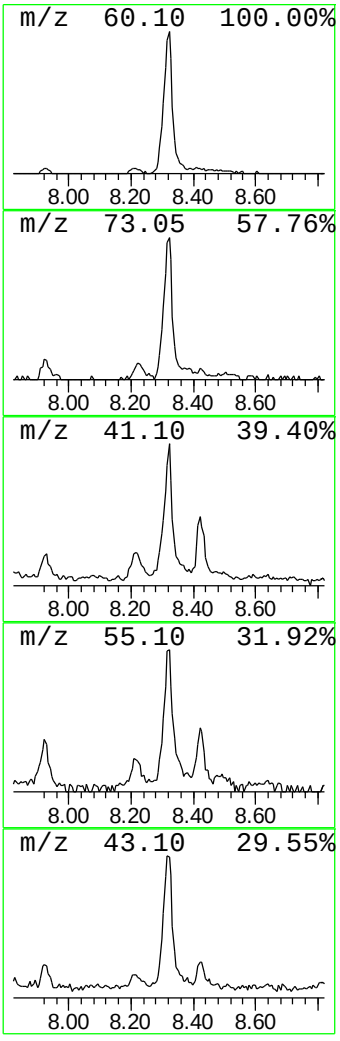
Peak Number 3 Heptanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	3.70 ng/ul	194692	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	90
2	Heptanoic acid	130	C7H14O2	000111-14-8	86
3	Heptanoic acid	130	C7H14O2	000111-14-8	83
4	Heptanoic acid	130	C7H14O2	000111-14-8	72
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	53





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Misc :
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Instrument : BNA_M
ClientSampleId : BF4B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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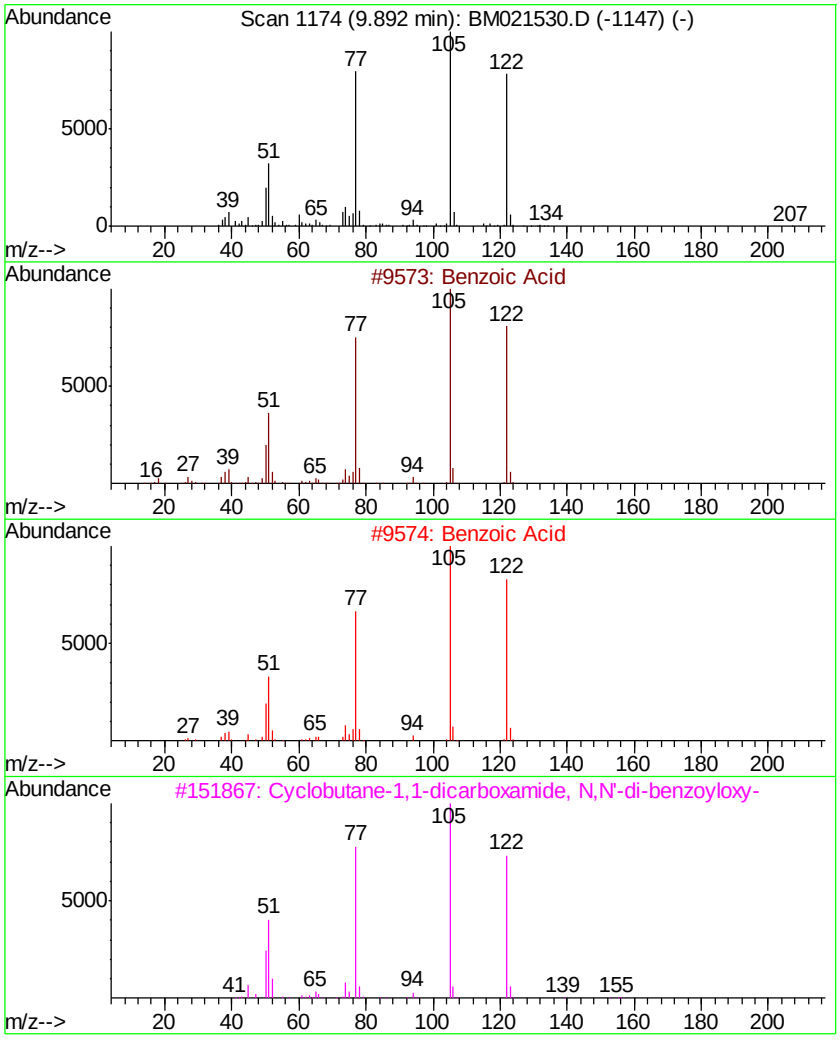
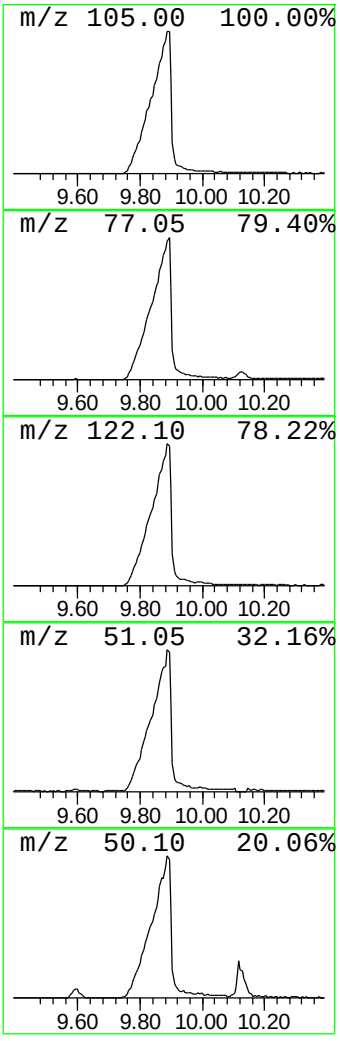
Peak Number 4 Benzoic Acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	40.72 ng/ul	3115920	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic Acid	122	C7H6O2	000065-85-0	96
2	Benzoic Acid	122	C7H6O2	000065-85-0	94
3	Cyclobutane-1,1-dicarboxamide, N...	382	C20H18N2O6	1000253-25-3	91
4	Heptanediamide, N,N'-di-benzoyloxy-	398	C21H22N2O6	1000253-26-4	72
5	Benzoyl bromide	184	C7H5BrO	000618-32-6	52





Library Search Compound Report

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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

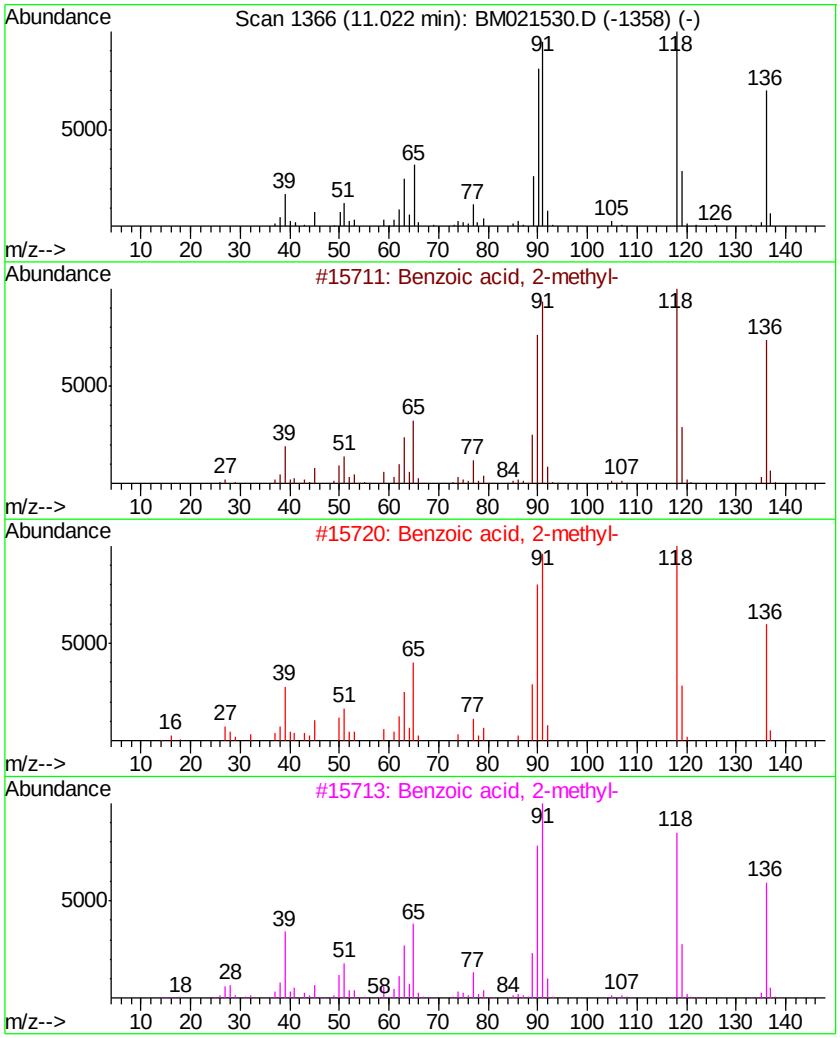
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

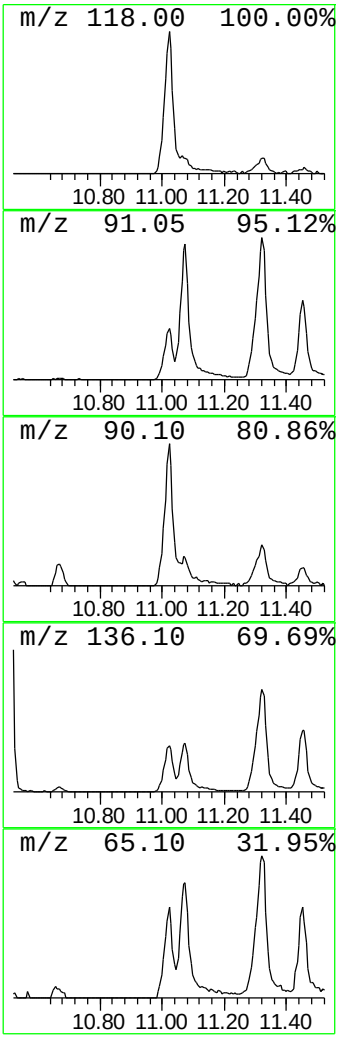
****

Peak Number 5 Benzoic acid, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	4.21 ng/ul	322027	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	98
2	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	97
3	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	97
4	Benzoic acid, 2-methyl-	136	C8H8O2	000118-90-1	96
5	Formic acid, phenylmethyl ester	136	C8H8O2	000104-57-4	68





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Acq On : 18 Jul 2019 19:07
Operator : HP/JU
Sample : K3822-11
Misc :
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Instrument : BNA_M
ClientSampleId : BF4B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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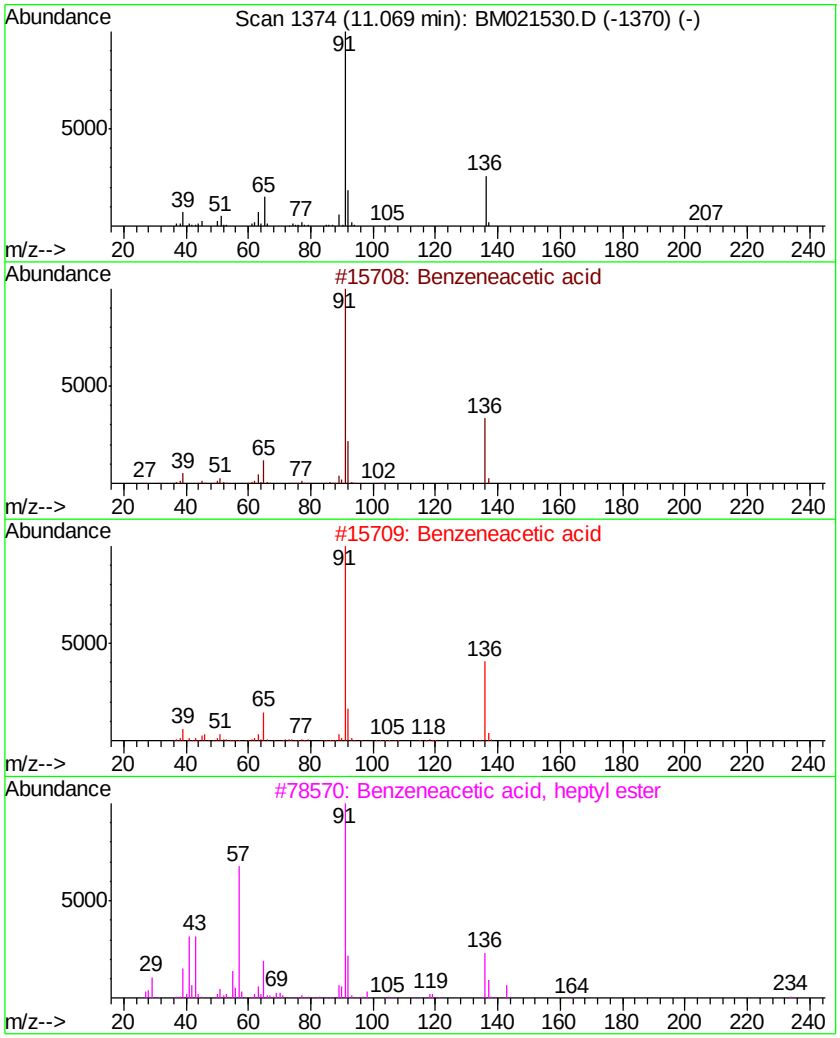
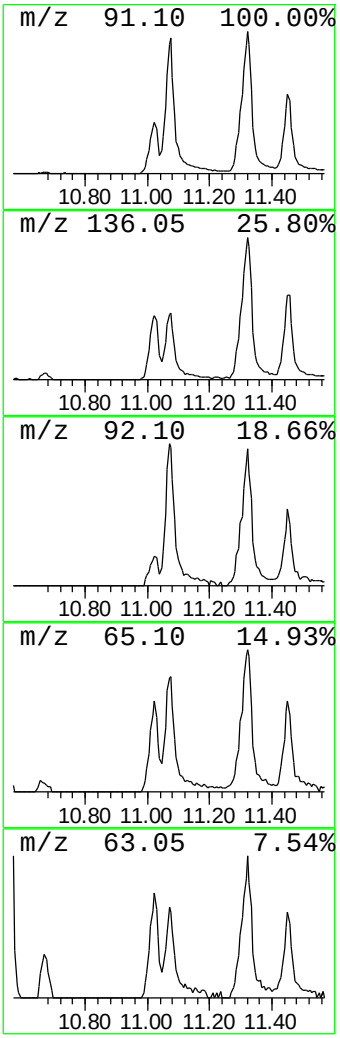
Peak Number 6 Benzeneacetic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	3.89 ng/ul	297632	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	90
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	87
3	Benzeneacetic acid, heptyl ester	234	C15H22O2	039736-25-9	83
4	Benzeneacetic acid	136	C8H8O2	000103-82-2	80
5	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	78





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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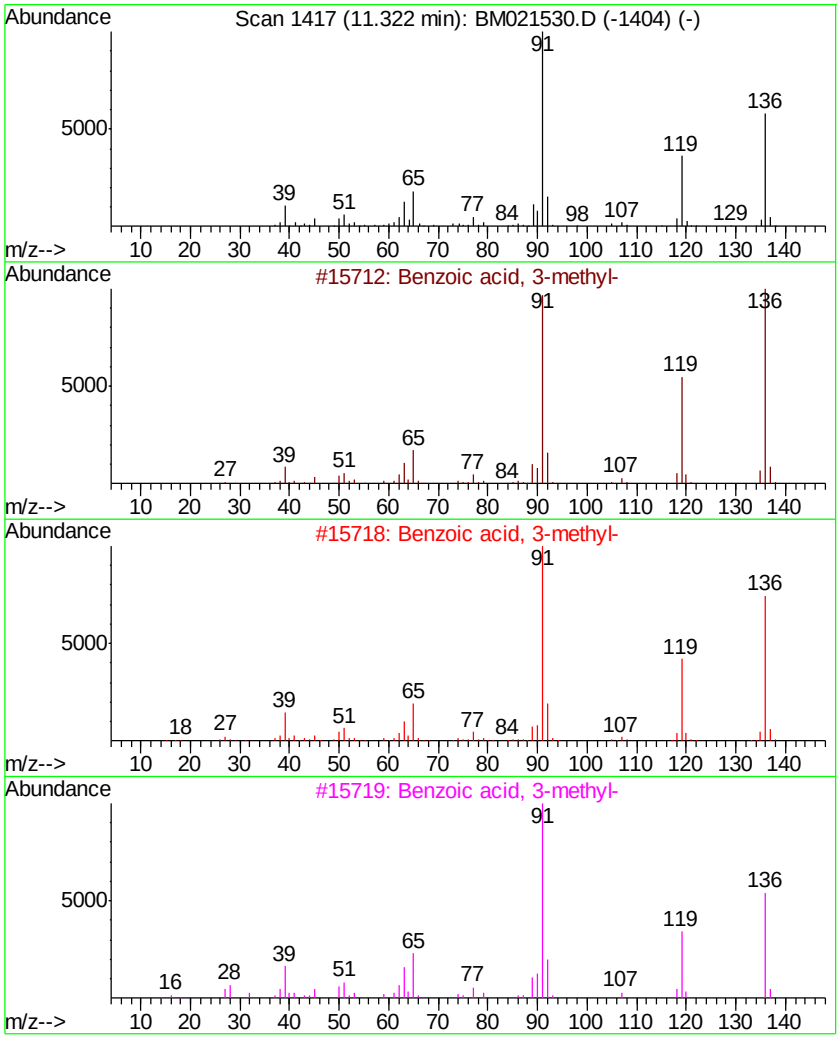
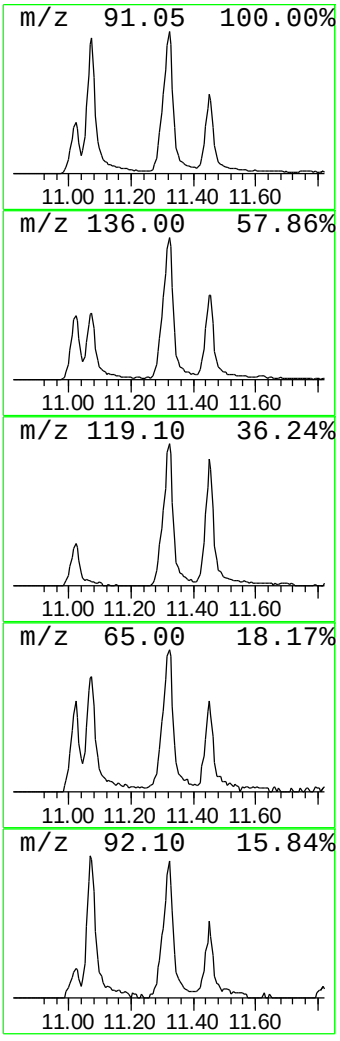
Peak Number 7 Benzoic acid, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	8.11 ng/ul	620312	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	97
2	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	96
3	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	95
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	87
5	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	72





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Instrument : BNA_M
ClientSampleId : BF4B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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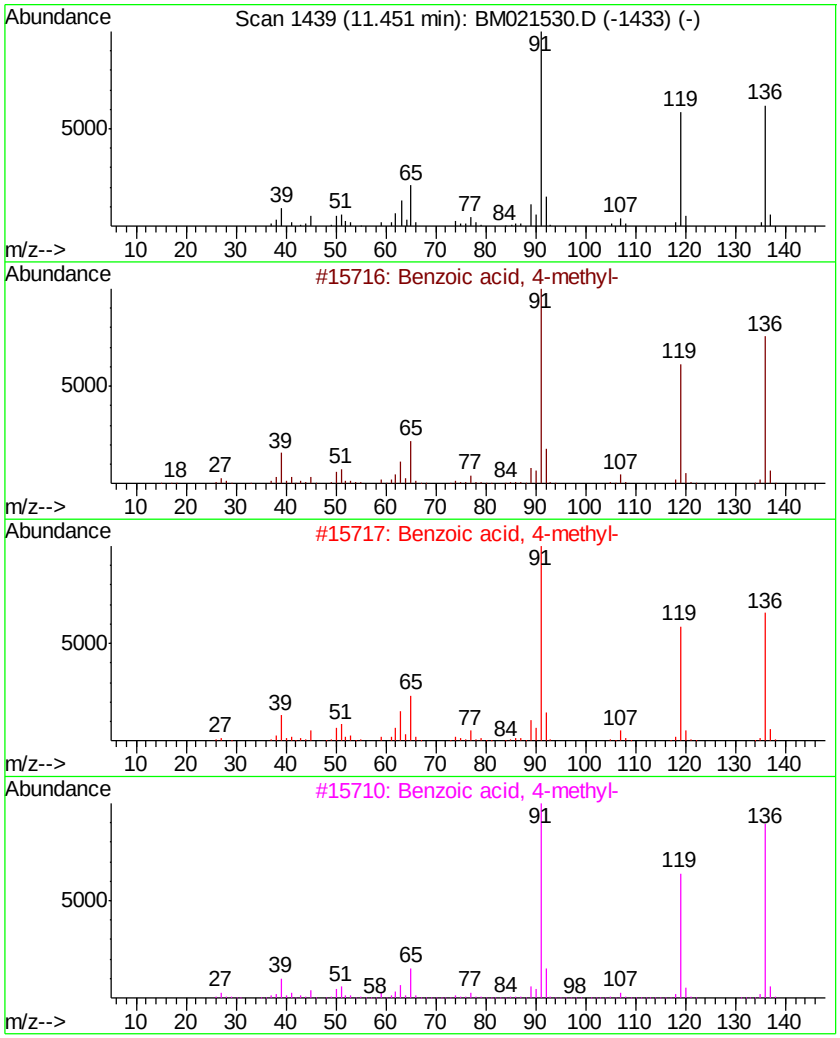
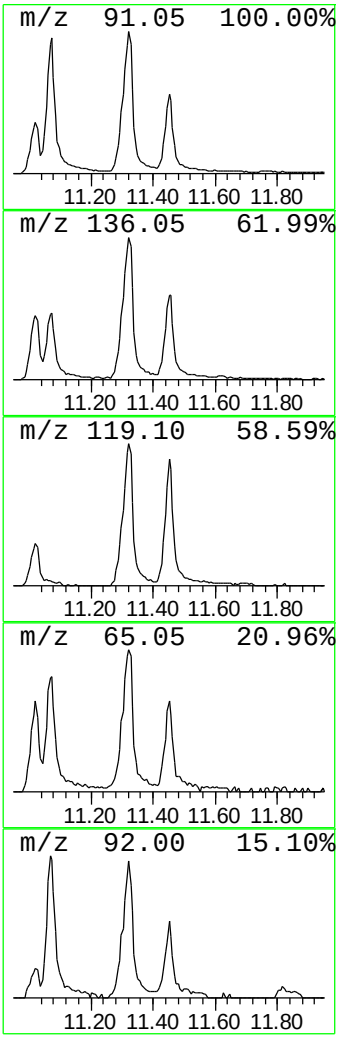
Peak Number 8 Benzoic acid, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	3.64 ng/ul	278723	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	96
2	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	96
3	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	96
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	94
5	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	94





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ClientSampleId : BF4B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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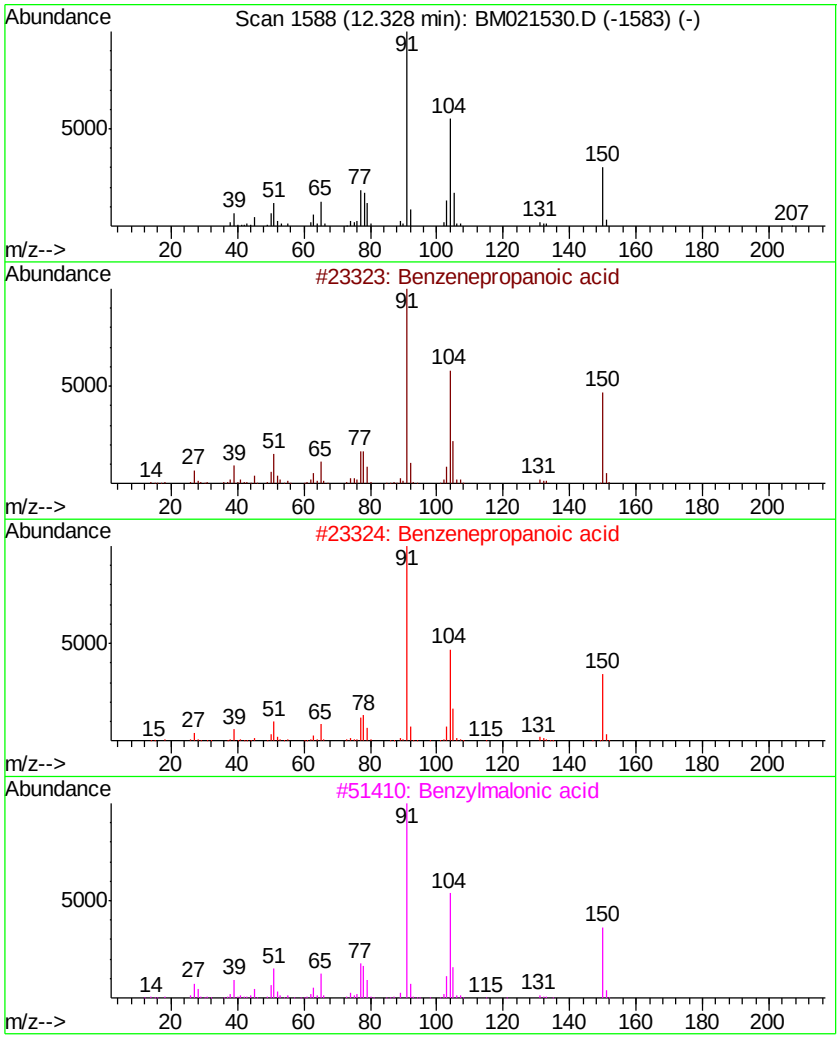
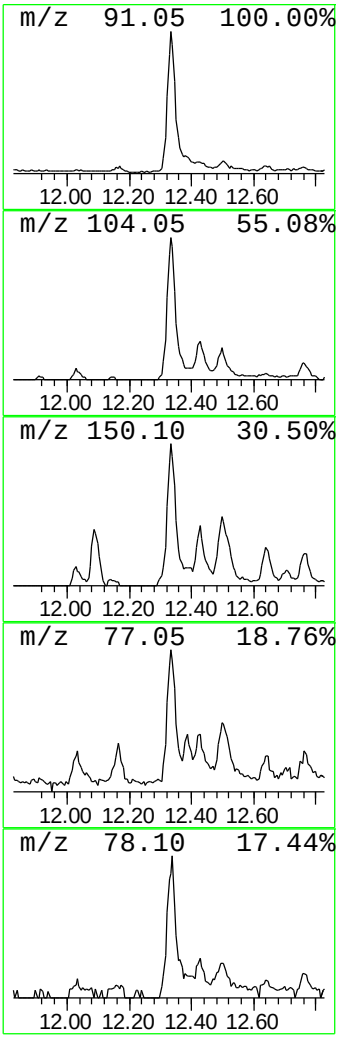
Peak Number 9 Benzenepropanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.06 ng/ul	234380	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid	150	C9H10O2	000501-52-0	93
2	Benzenepropanoic acid	150	C9H10O2	000501-52-0	91
3	Benzylmalonic acid	194	C10H10O4	000616-75-1	91
4	Benzenepropanoic acid	150	C9H10O2	000501-52-0	90
5	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	86





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Sample : K3822-11
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Instrument : BNA_M
ClientSampleId : BF4B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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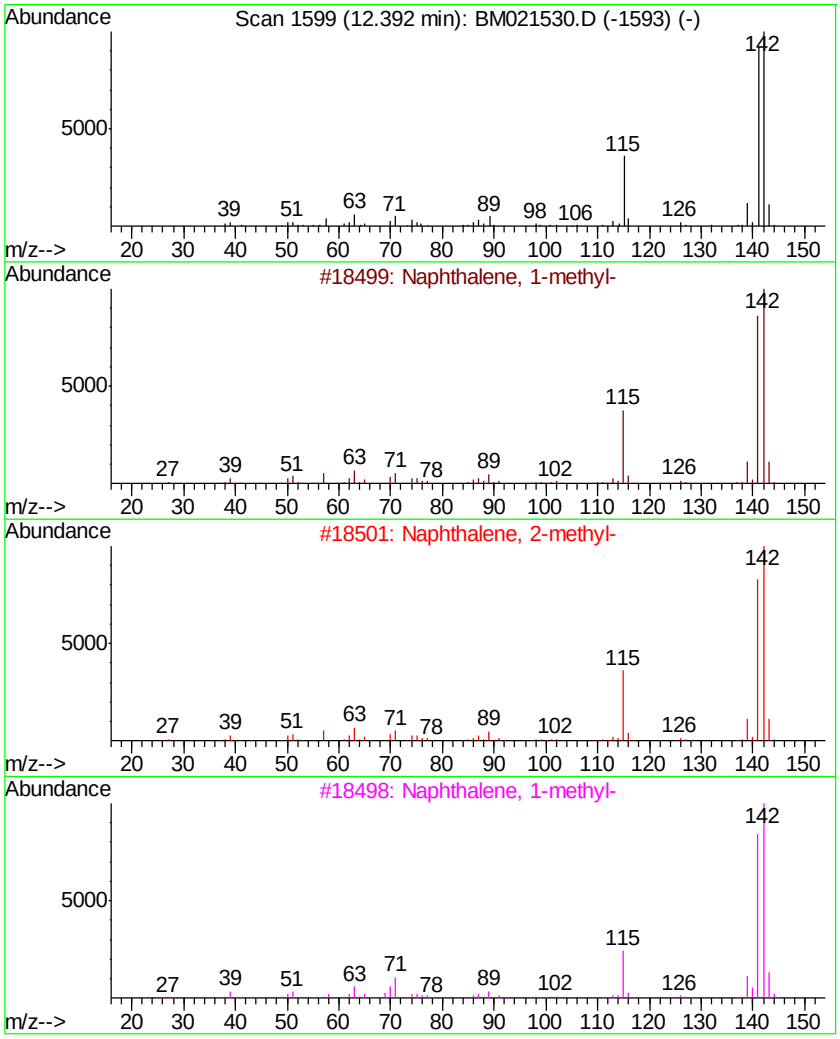
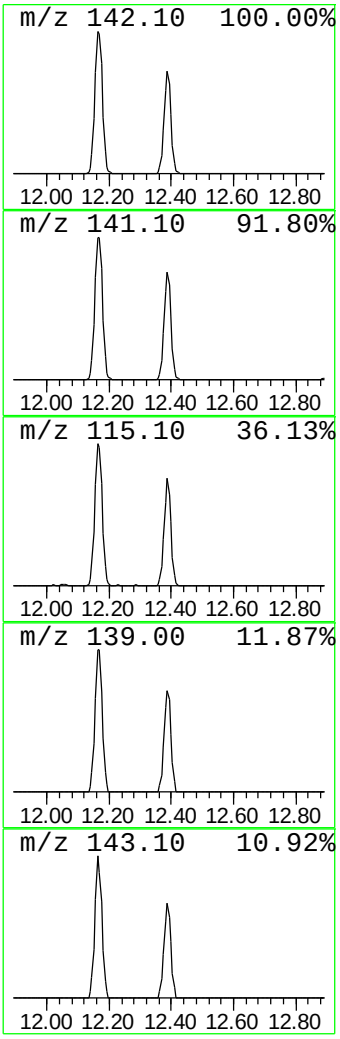
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	6.18 ng/ul	473106	Naphthalene-d8	10.50

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





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Instrument : BNA_M
ClientSampleId : BF4B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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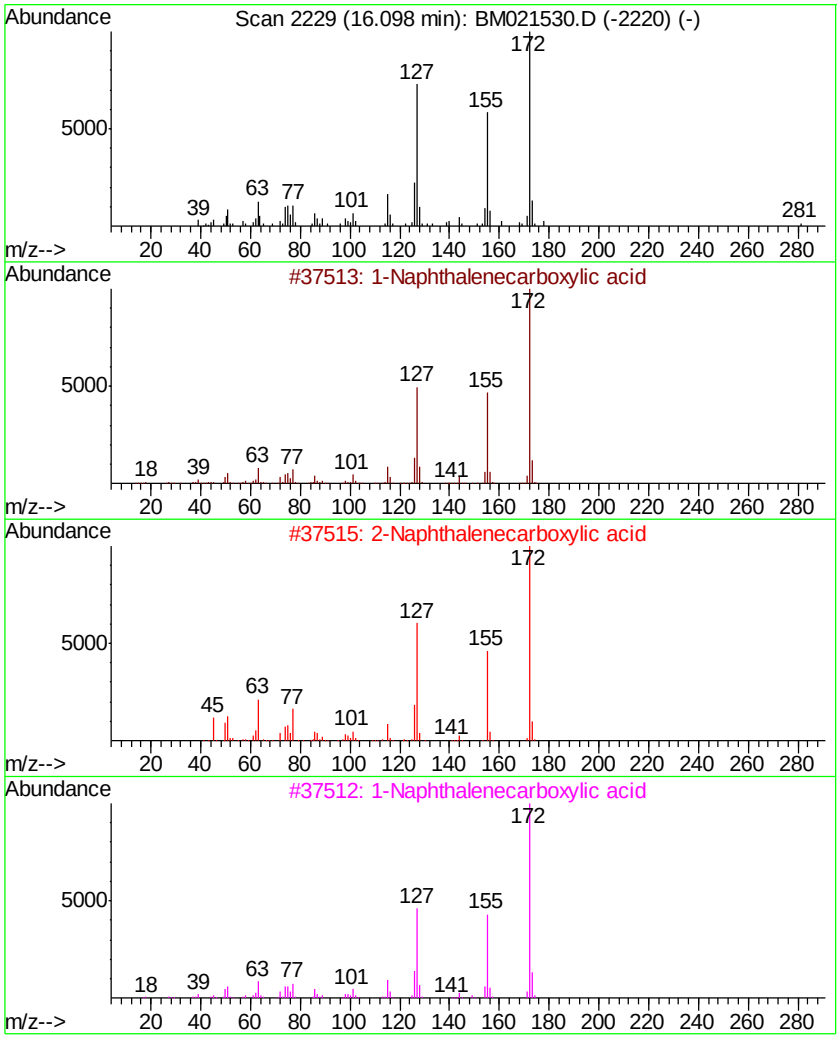
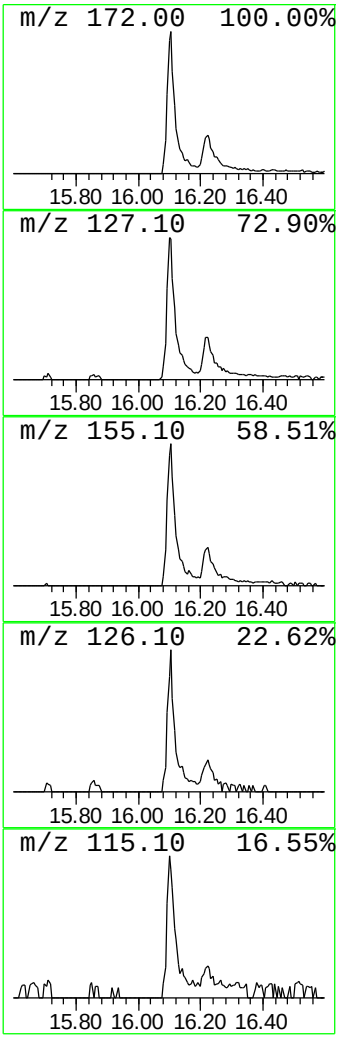
Peak Number 11 1-Naphthalenecarboxylic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	2.23 ng/ul	252555	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	96
2	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	96
3	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	96
4	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	93
5	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	93





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Instrument : BNA_M
ClientSampleId : BF4B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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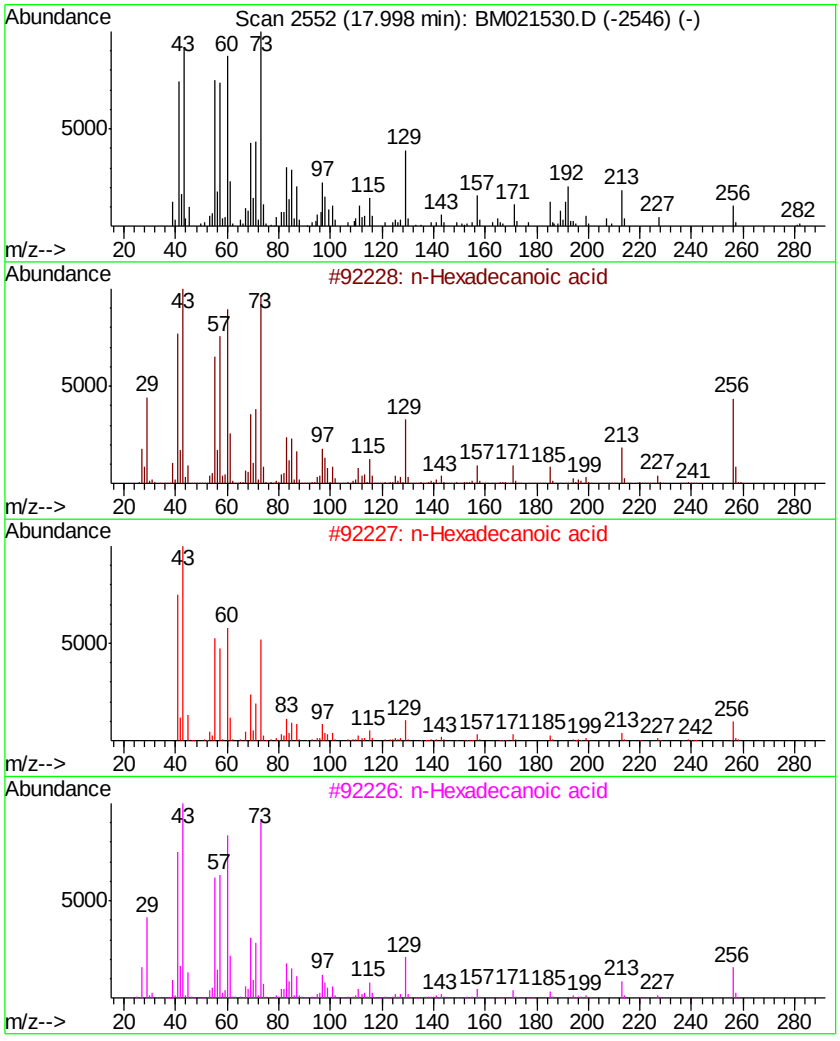
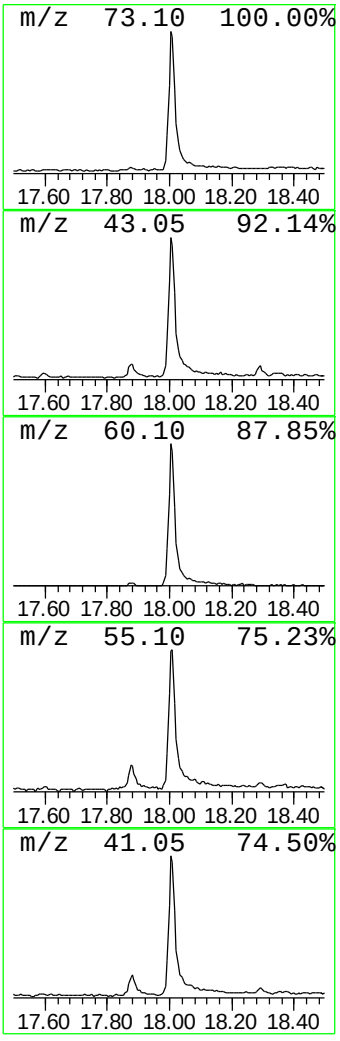
Peak Number 12 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	7.15 ng/ul	808250	Phenanthrene-d10	17.12

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	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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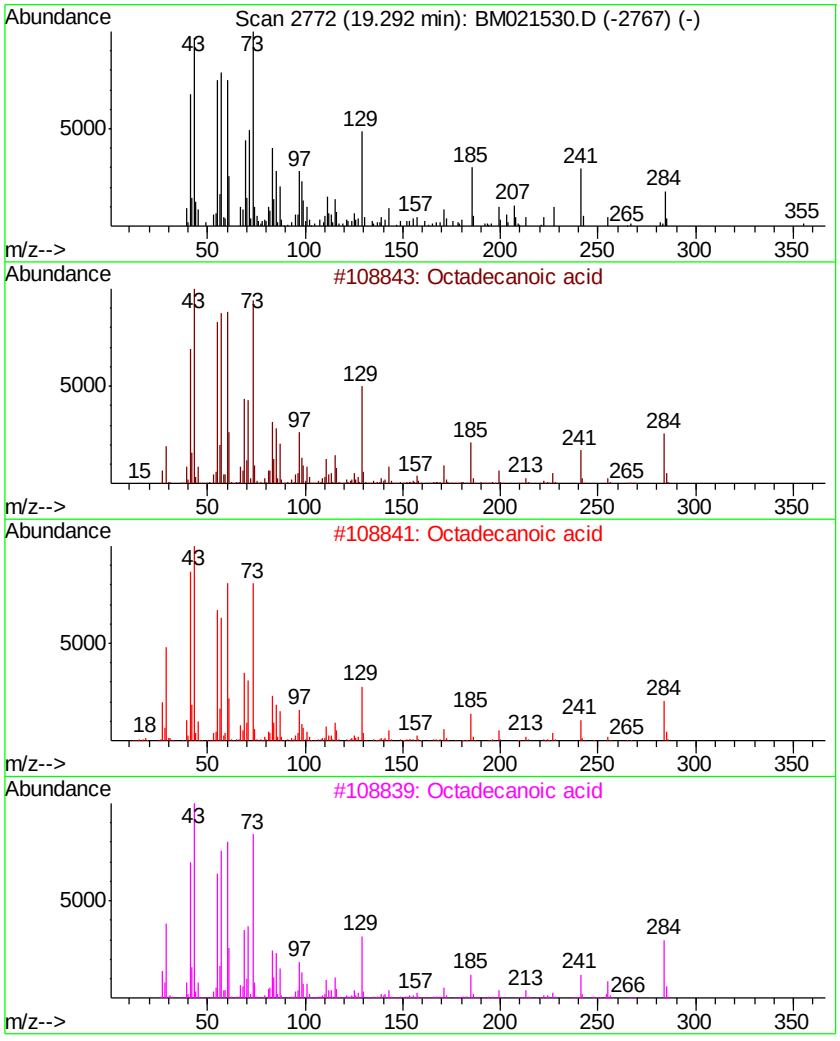
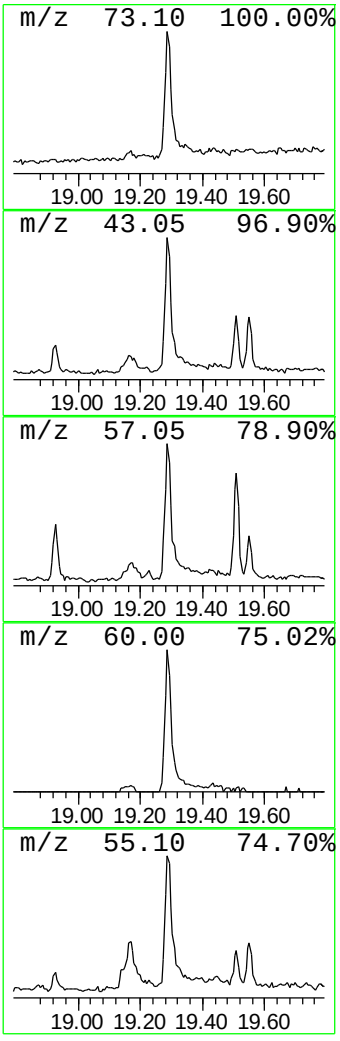
Peak Number 13 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.56 ng/ul	333430	Chrysene-d12	21.30

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	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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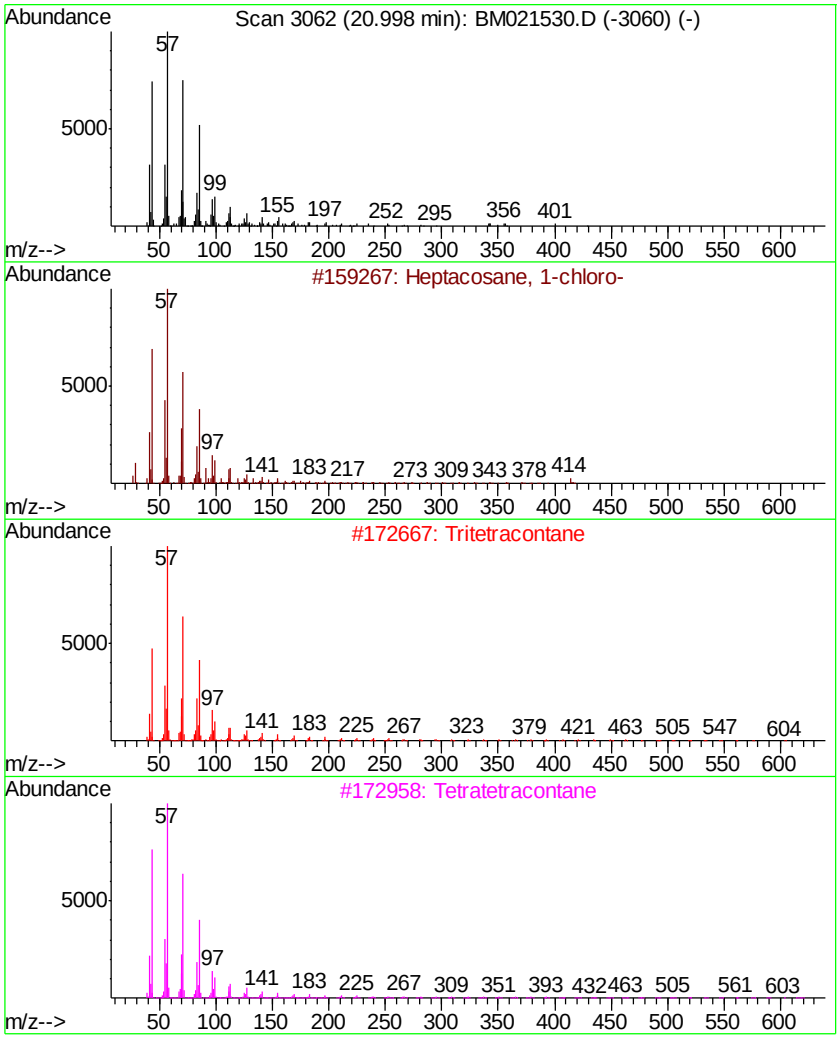
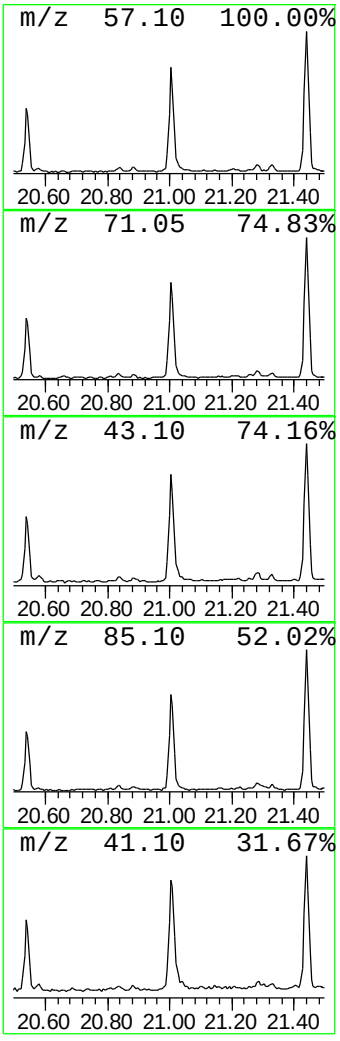
Peak Number 14 Heptacosane, 1-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.40 ng/ul	442007	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Octacosane	394	C28H58	000630-02-4	87
5	Tetracosane	338	C24H50	000646-31-1	81





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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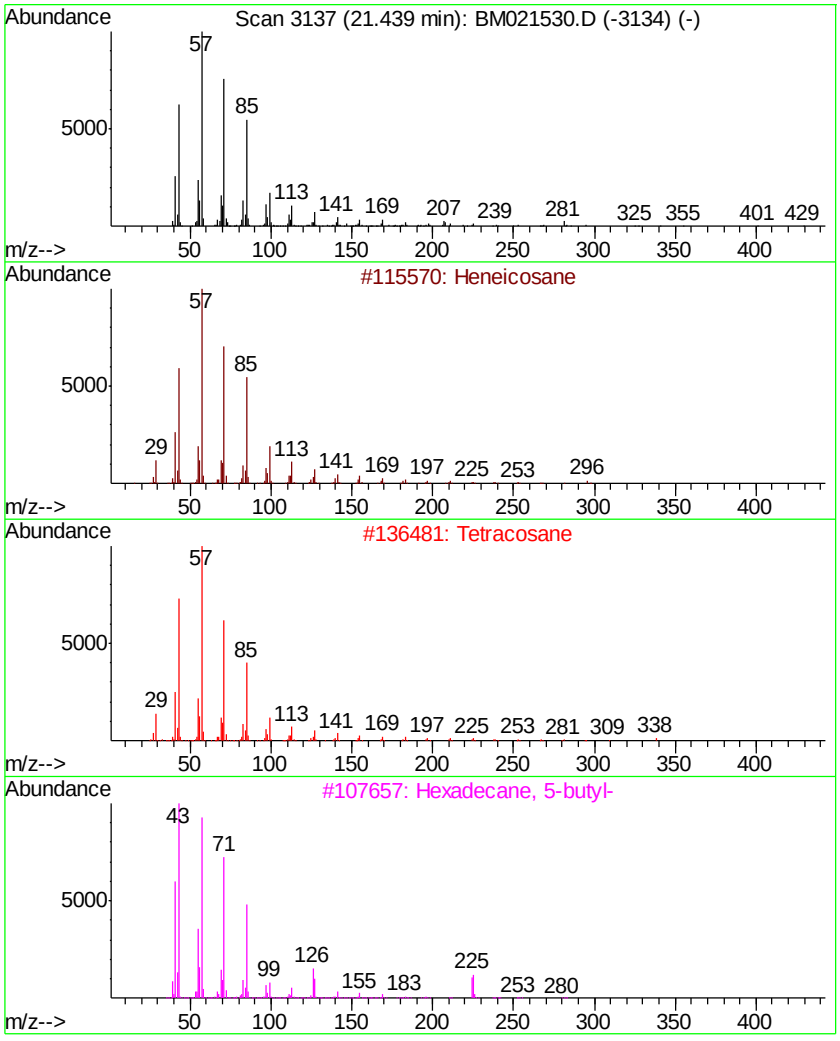
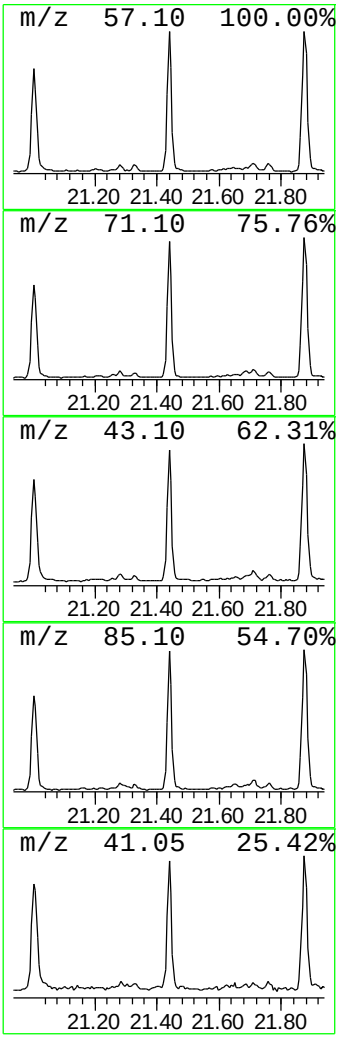
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	3.18 ng/ul	414291	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Eicosane	282	C20H42	000112-95-8	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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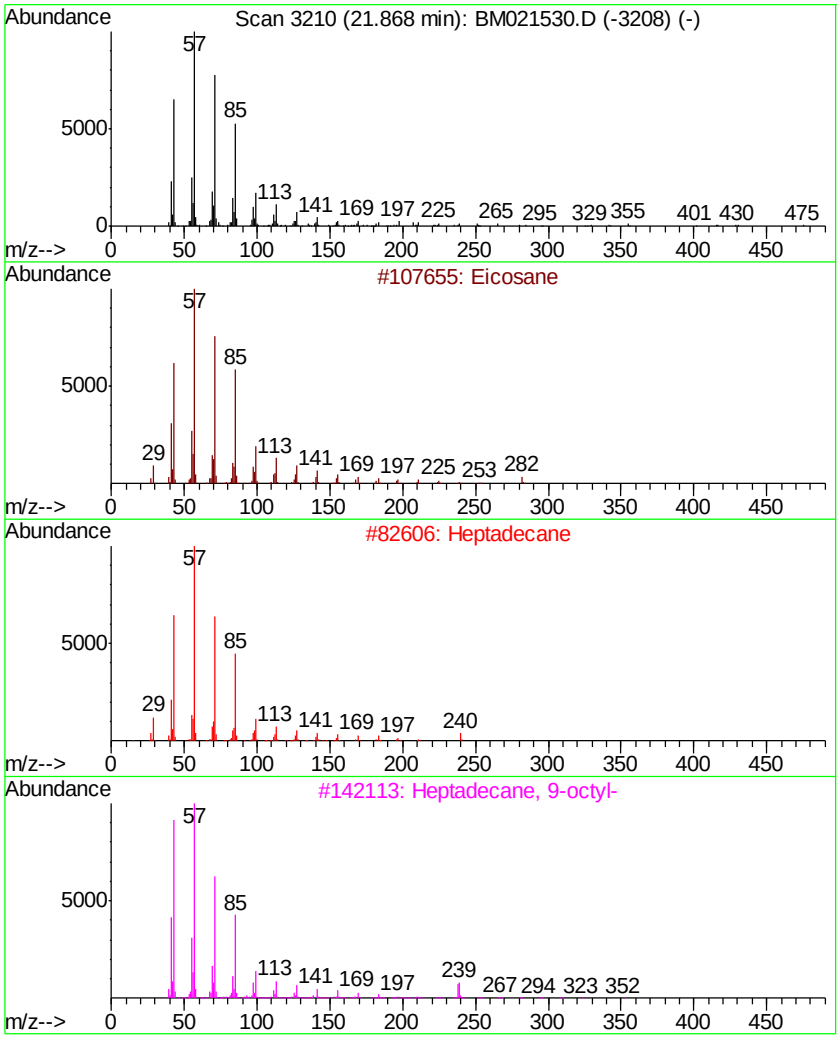
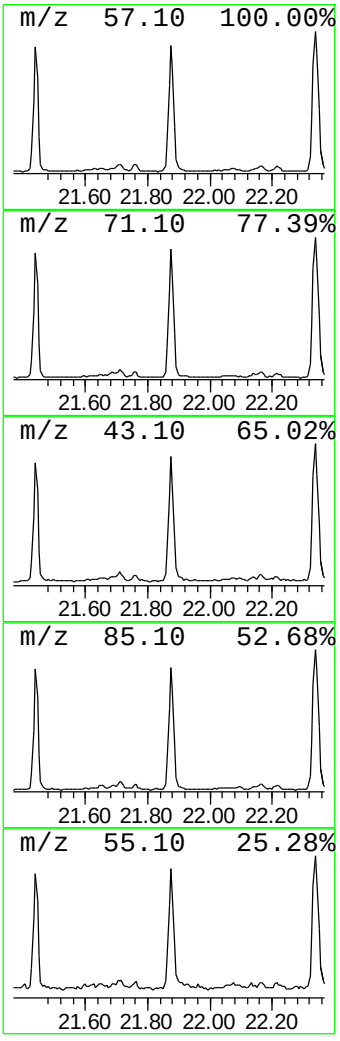
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	3.50 ng/ul	455917	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptadecane	240	C17H36	000629-78-7	94
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Docosane	310	C22H46	000629-97-0	91





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Sample : K3822-11
Misc :
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Instrument : BNA_M
ClientSampleId : BF4B2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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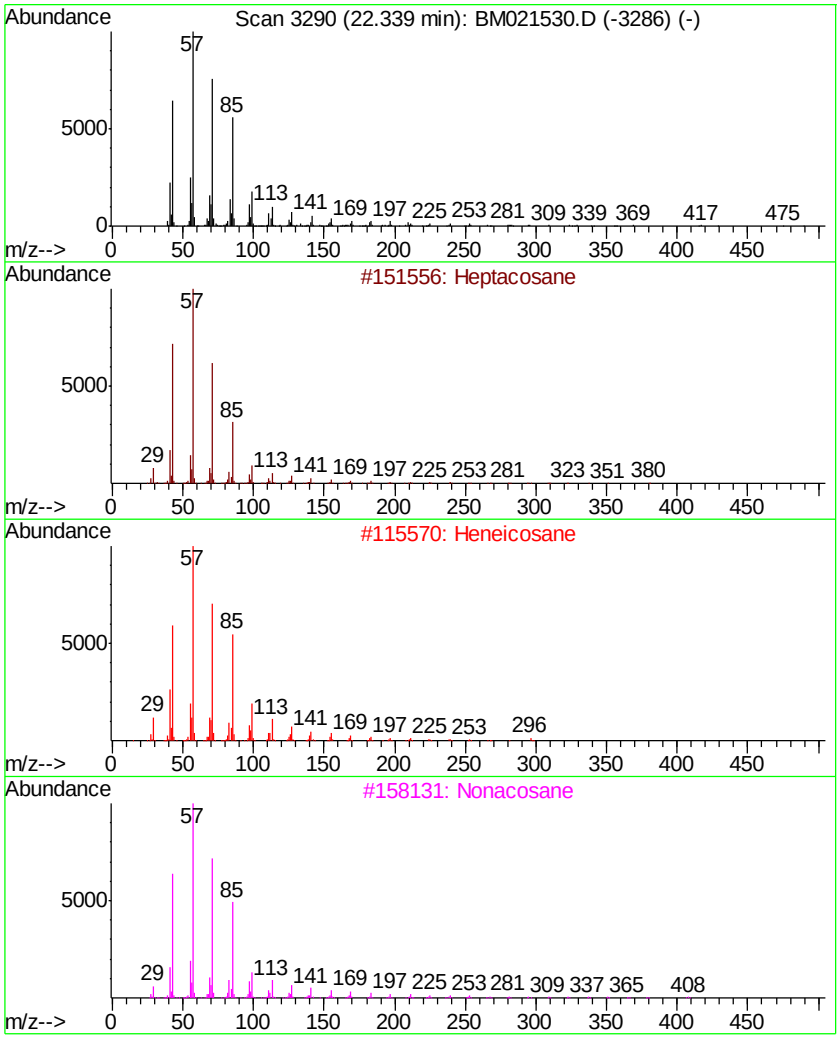
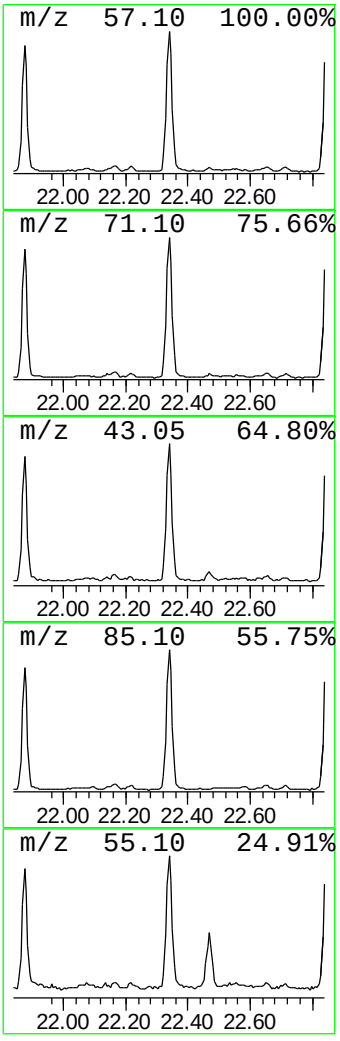
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	4.96 ng/ul	645080	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Docosane	310	C22H46	000629-97-0	91





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Data File : BM021530.D
Acq On : 18 Jul 2019 19:07
Operator : HP/JU
Sample : K3822-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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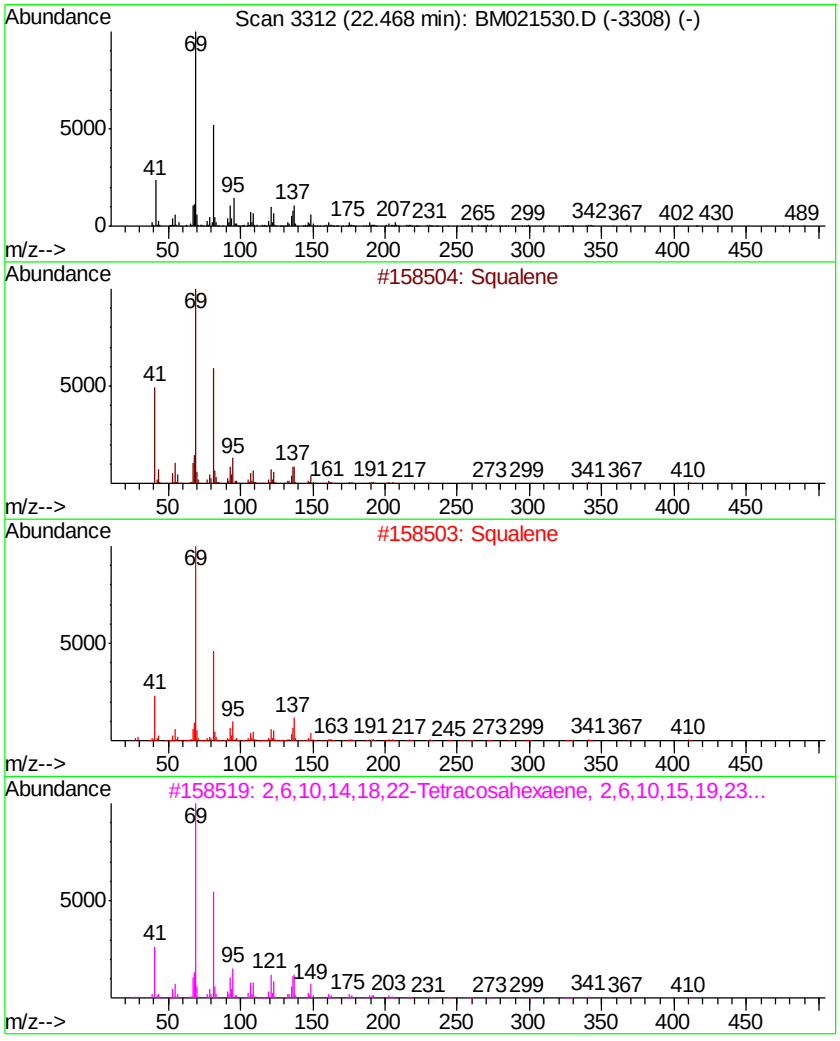
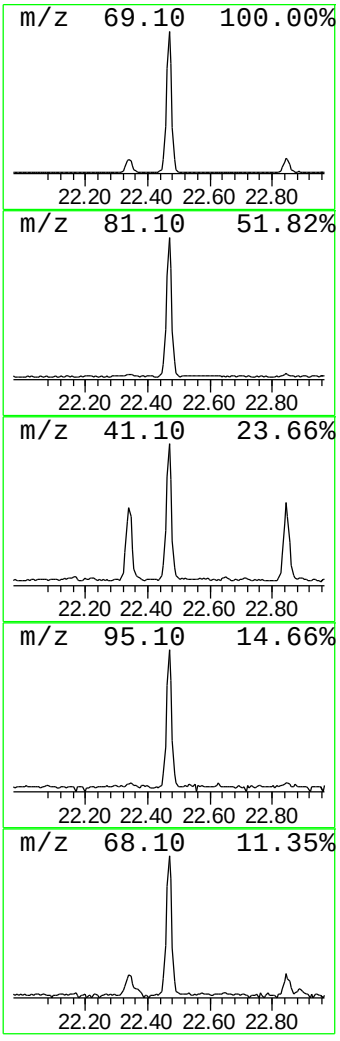
Peak Number 18 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	5.29 ng/ul	693489	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	007683-64-9	91
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021530.D
Acq On : 18 Jul 2019 19:07
Operator : HP/JU
Sample : K3822-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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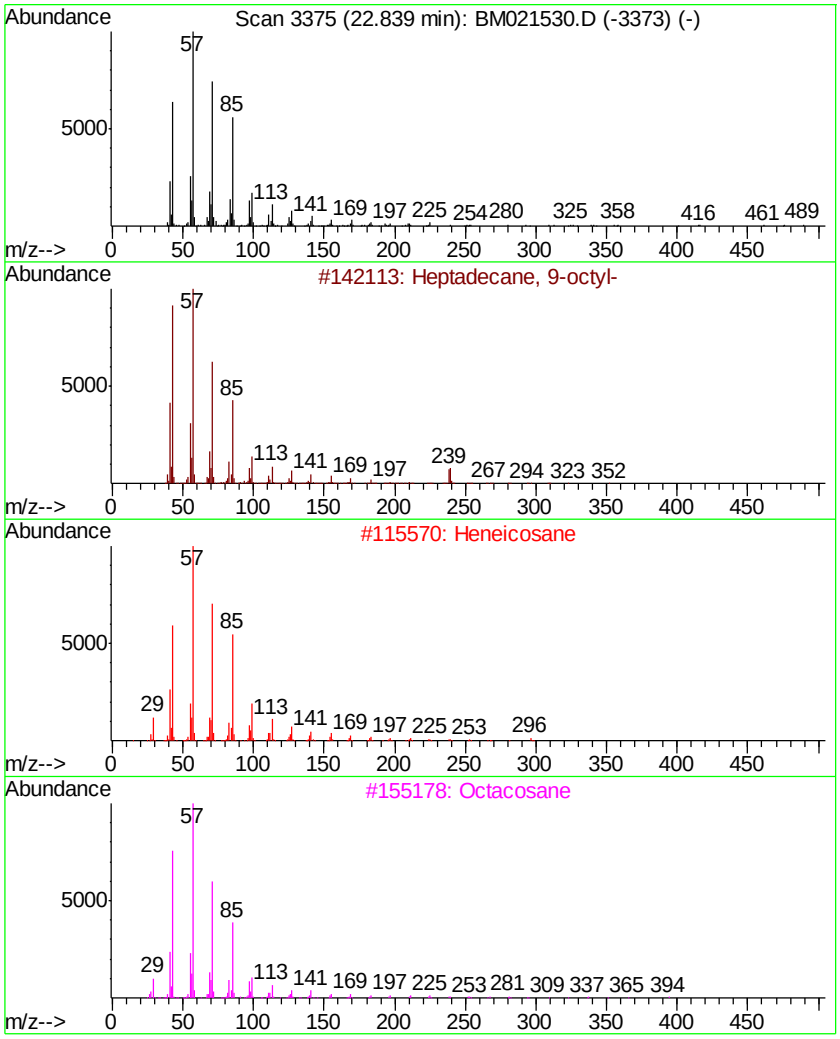
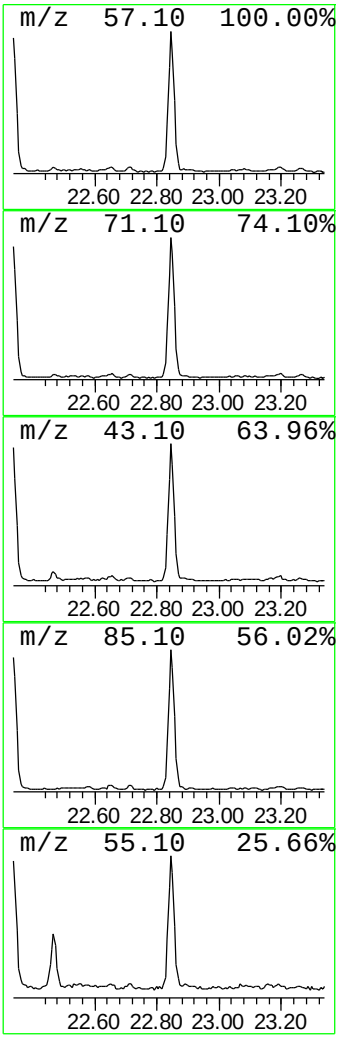
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	4.93 ng/ul	646301	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Nonacosane	408	C29H60	000630-03-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021530.D
Acq On : 18 Jul 2019 19:07
Operator : HP/JU
Sample : K3822-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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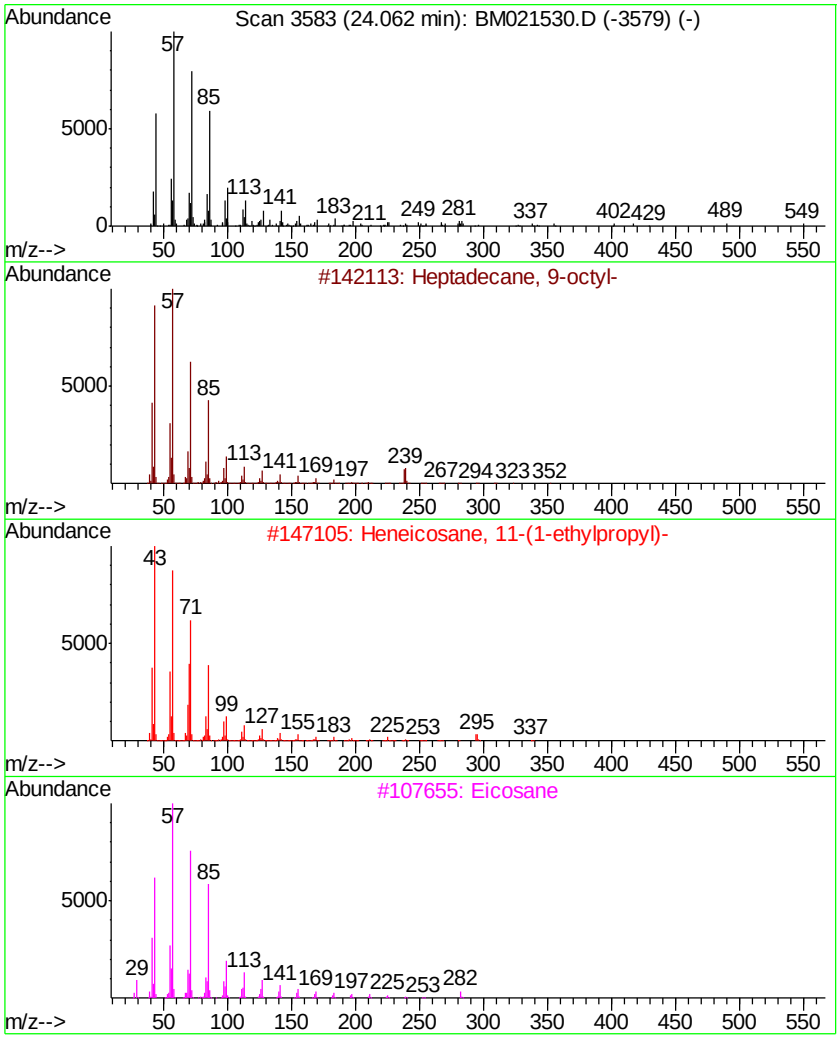
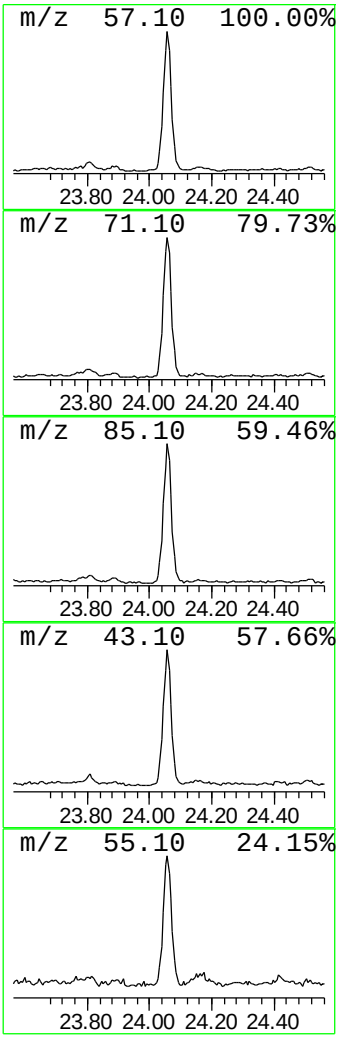
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	4.11 ng/ul	537906	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
Data File : BM021530.D
Acq On : 18 Jul 2019 19:07
Operator : HP/JU
Sample : K3822-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF4B2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanedioic acid...	6.76	4.0	ng/ul	211456	1	7.72	1052310	20.0
2,5-Furandione, 3...	7.90	2.2	ng/ul	117238	1	7.72	1052310	20.0
Heptanoic acid	8.32	3.7	ng/ul	194692	1	7.72	1052310	20.0
Benzoic Acid	9.89	40.7	ng/ul	3115920	2	10.50	1530510	20.0
Benzoic acid, 2-m...	11.02	4.2	ng/ul	322027	2	10.50	1530510	20.0
Benzeneacetic acid	11.07	3.9	ng/ul	297632	2	10.50	1530510	20.0
Benzoic acid, 3-m...	11.32	8.1	ng/ul	620312	2	10.50	1530510	20.0
Benzoic acid, 4-m...	11.45	3.6	ng/ul	278723	2	10.50	1530510	20.0
Benzenepropanoic ...	12.33	3.1	ng/ul	234380	2	10.50	1530510	20.0
Naphthalene, 1-me...	12.39	6.2	ng/ul	473106	2	10.50	1530510	20.0
1-Naphthalenecarb...	16.10	2.2	ng/ul	252555	4	17.12	2261570	20.0
n-Hexadecanoic acid	18.00	7.2	ng/ul	808250	4	17.12	2261570	20.0
Octadecanoic acid	19.29	2.6	ng/ul	333430	5	21.30	2603010	20.0
Heptacosane, 1-ch...	21.00	3.4	ng/ul	442007	5	21.30	2603010	20.0
(DEL) Alkane: Str...	21.44	3.2	ng/ul	414291	5	21.30	2603010	20.0
(DEL) Alkane: Str...	21.87	3.5	ng/ul	455917	5	21.30	2603010	20.0
(DEL) Alkane: Str...	22.34	5.0	ng/ul	645080	5	21.30	2603010	20.0
Squalene	22.47	5.3	ng/ul	693489	6	23.56	2619650	20.0
(DEL) Alkane: Str...	22.84	4.9	ng/ul	646301	6	23.56	2619650	20.0
(DEL) Alkane: Str...	24.06	4.1	ng/ul	537906	6	23.56	2619650	20.0