LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021593.D
Acq On : 22 Jul 2019 21:34
Operator : HP/JU
Sample : K3863-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52W3

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	5.805	474	479	492	rVB	446100	689492	9.08%	1.159%
2	6.881	656	662	676	rVB3	192282	440970	5.80%	0.741%
3	7.052	686	691	704	rVB	384907	623218	8.20%	1.048%
4	7.240	718	723	731	rBV	479536	801029	10.54%	1.346%
5	7.310	732	735	743	rVB2	38820	61626	0.81%	0.104%
6	7.505	764	768	777	rVB2	35115	62168	0.82%	0.104%
7	7.705	797	802	807	rBV	464715	733853	9.66%	1.233%
8	7.763	807	812	823	rVB	299468	497207	6.54%	0.836%
9	7.957	839	845	854	rBV	280729	477597	6.29%	0.803%
10	8.328	905	908	915	rVB3	31029	49087	0.65%	0.083%
11	8.416	917	923	931	rVV	423829	713751	9.40%	1.200%
12	8.534	936	943	951	rVB2	58647	149719	1.97%	0.252%
13	8.799	982	988	994	rBV2	230522	374873	4.93%	0.630%
14	8.869	994	1000	1007	rVB	575763	931656	12.26%	1.566%
15	8.975	1015	1018	1021	rBV3	12899	19339	0.25%	0.033%
16	9.022	1021	1026	1037	rVB	253731	441957	5.82%	0.743%
17	9.263	1063	1067	1074	rVB	13318	24055	0.32%	0.040%
18	9.434	1091	1096	1106	rVB	128004	208969	2.75%	0.351%
19	9.587	1115	1122	1133	rBV2	460476	879349	11.57%	1.478%
20	9.681	1133	1138	1142	rVV	50429	74376	0.98%	0.125%
21	9.751	1142	1150	1160	rBV3	181105	534658	7.04%	0.899%
22	9.981	1183	1189	1199	rVB	266384	481379	6.34%	0.809%
23	10.116	1205	1212	1222	rBV	774662	1335826	17.58%	2.245%
24	10.269	1233	1238	1247	rBV5	20337	40198	0.53%	0.068%
25	10.404	1256	1261	1268	rBV3	41811	74859	0.99%	0.126%
26	10.487	1268	1275	1281	rVV	697584	1196166	15.74%	2.011%
27	10.540	1281	1284	1292	rVB3	71006	122410	1.61%	0.206%
28	10.651	1297	1303	1318	rVB	51446	113479	1.49%	0.191%
29	10.787	1320	1326	1333	rVB5	38145	93490	1.23%	0.157%
30	10.869	1337	1340	1349	rVB5	18438	40156	0.53%	0.067%
31	10.945	1349	1353	1359	rVB3	9261	15742	0.21%	0.026%
32	11.045	1361	1370	1373	rBV6	47643	107688	1.42%	0.181%
33	11.081	1373	1376	1382	rVB	24673	38577	0.51%	0.065%
34	11.157	1383	1389	1399	rVB	99474	180044	2.37%	0.303%

LSC Area Percent Report

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Acq On : 22 Jul 2019 21:34
Operator : HP/JU
Sample : K3863-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52W3

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	11.245	1399	1404	1406	rBV2	16431	26576	0.35%	0.045%
36	11.287	1406	1411	1418	rVB4	44606	84578	1.11%	0.142%
37	11.410	1427	1432	1440	rVB	9955	18406	0.24%	0.031%
38	11.487	1440	1445	1449	rBV4	8757	18248	0.24%	0.031%
39	11.675	1471	1477	1482	rBV4	12652	23135	0.30%	0.039%
40	11.757	1486	1491	1496	rVB3	14417	23475	0.31%	0.039%
41	11.845	1504	1506	1511	rVB5	9949	14808	0.19%	0.025%
42	11.898	1513	1515	1522	rVB6	5419	7757	0.10%	0.013%
43	12.010	1528	1534	1537	rBV5	15828	27313	0.36%	0.046%
44	12.087	1542	1547	1552	rBV2	10751	16750	0.22%	0.028%
45	12.134	1552	1555	1566	rVB3	10912	20192	0.27%	0.034%
46	12.234	1566	1572	1578	rBV5	14307	24682	0.32%	0.041%
47	12.345	1587	1591	1596	rVB	16943	23016	0.30%	0.039%
48	12.551	1621	1626	1632	rBV4	5465	9844	0.13%	0.017%
49	12.687	1643	1649	1666	rVV	200416	367752	4.84%	0.618%
50	12.816	1666	1671	1680	rVB	33731	58324	0.77%	0.098%
51	12.945	1687	1693	1702	rBV	359657	520036	6.85%	0.874%
52	13.010	1702	1704	1709	rVB4	7231	9203	0.12%	0.015%
53	13.234	1737	1742	1745	rBV2	13573	19234	0.25%	0.032%
54	13.287	1745	1751	1763	rVB	412970	670572	8.83%	1.127%
55	13.416	1770	1773	1778	rBV4	6457	8692	0.11%	0.015%
56	13.475	1778	1783	1795	rVV3	45569	101531	1.34%	0.171%
57	13.563	1795	1798	1803	rVV2	12612	19181	0.25%	0.032%
58	13.622	1803	1808	1811	rVV6	10630	17005	0.22%	0.029%
59	13.663	1811	1815	1819	rVB2	28406	34584	0.46%	0.058%
60	13.769	1823	1833	1837	rBV	1831622	2449551	32.24%	4.117%
61	13.816	1837	1841	1847	rVV	234639	347419	4.57%	0.584%
62	13.869	1847	1850	1856	rVB3	50759	63305	0.83%	0.106%
63	14.045	1872	1880	1890	rVV	1908611	2741914	36.09%	4.609%
64	14.116	1890	1892	1897	rVB3	7269	8304	0.11%	0.014%
65	14.228	1907	1911	1921	rVB	34954	63176	0.83%	0.106%
66	14.351	1924	1932	1939	rVV2	1290634	1890675	24.89%	3.178%
67	14.586	1966	1972	1992	rBV2	92429	245220	3.23%	0.412%
68	14.781	2000	2005	2012	rVB3	6583	13454	0.18%	0.023%
69	14.951	2029	2034	2042	rBV3	27712	42985	0.57%	0.072%
70	15.045	2042	2050	2053	rBV	9695	18089	0.24%	0.030%
71	15.110	2053	2061	2064	rVV	129148	207517	2.73%	0.349%

LSC Area Percent Report

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Acq On : 22 Jul 2019 21:34
Operator : HP/JU
Sample : K3863-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52W3

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

72	15.145	2064	2067	2070	rVV	156051	201690	2.65%	0.339%
73	15.180	2070	2073	2080	rVB	185441	236682	3.12%	0.398%
74	15.351	2095	2102	2110	rBV	2486056	3678989	48.43%	6.184%
75	15.486	2118	2125	2138	rBV	731504	1045281	13.76%	1.757%
76	15.586	2138	2142	2149	rVB	28522	37268	0.49%	0.063%
77	15.722	2160	2165	2171	rBV	60227	82065	1.08%	0.138%
78	16.127	2232	2234	2239	rVB4	7737	9620	0.13%	0.016%
79	16.886	2360	2363	2368	rVB4	4692	7610	0.10%	0.013%
80	17.104	2394	2400	2410	rBV2	1768073	2437787	32.09%	4.097%
81	17.204	2410	2417	2426	rBV	3236801	4470175	58.84%	7.513%
82	17.386	2443	2448	2455	rBV	43306	59536	0.78%	0.100%
83	17.769	2508	2513	2522	rBV	1572790	1805678	23.77%	3.035%
84	17.992	2547	2551	2561	rBV2	132091	211908	2.79%	0.356%
85	18.069	2561	2564	2572	rVB	34285	53505	0.70%	0.090%
86	18.210	2584	2588	2593	rBV	57555	79081	1.04%	0.133%
87	18.245	2593	2594	2599	rVB3	9471	9952	0.13%	0.017%
88	19.139	2741	2746	2752	rBV	39975	63679	0.84%	0.107%
89	19.280	2765	2770	2780	rBV3	55526	106670	1.40%	0.179%
90	19.386	2785	2788	2792	rVV	26411	32247	0.42%	0.054%
91	19.504	2802	2808	2819	rBV	4296213	5992216	78.87%	10.072%
92	20.998	3059	3062	3072	rBV3	94898	178465	2.35%	0.300%
93	21.292	3107	3112	3122	rBV	2504526	3338077	43.94%	5.611%
94	21.862	3207	3209	3213	rVB	75064	75661	1.00%	0.127%
95	22.327	3285	3288	3293	rBV	188463	237113	3.12%	0.399%
96	22.833	3371	3374	3382	rVB	283881	373486	4.92%	0.628%
97	23.403	3463	3471	3482	rBV	4155035	7597118	100.00%	12.769%
98	23.545	3488	3495	3504	rVB	1853721	3635573	47.85%	6.111%
99	24.039	3575	3579	3587	rVB	313738	552768	7.28%	0.929%

Sum of corrected areas: 59495366

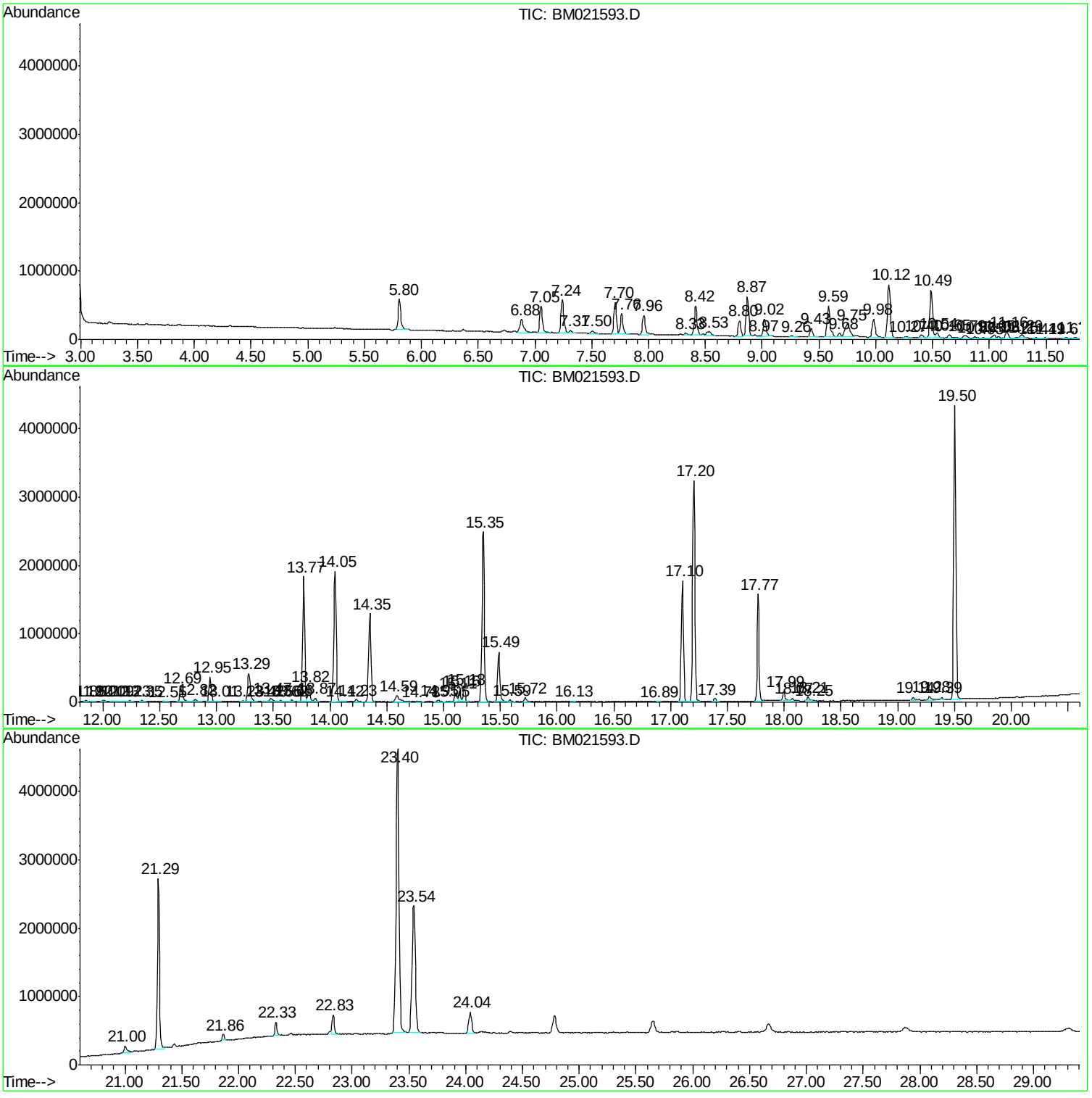
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021593.D
Acq On : 22 Jul 2019 21:34
Operator : HP/JU
Sample : K3863-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52W3

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\BM072219\
Data File : BM021593.D
Acq On : 22 Jul 2019 21:34
Operator : HP/JU
Sample : K3863-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52W3

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

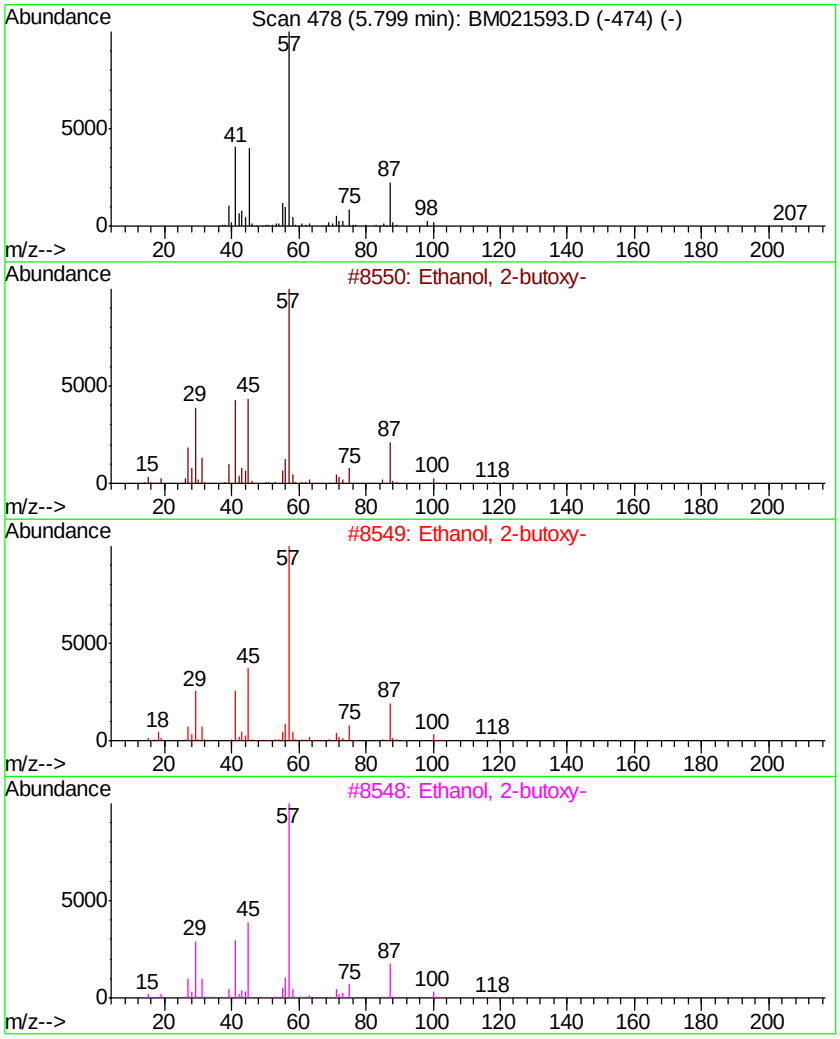
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

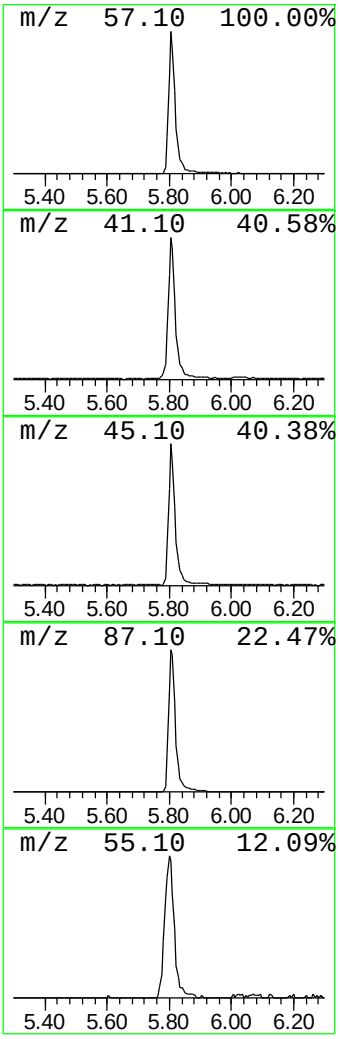
****

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	18.79 ng/ul	689492	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	91
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	90
3	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	74
4	Propane, 1-methoxy-2,2-dimethyl-	102	C6H14O	001118-00-9	40
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021593.D
Acq On : 22 Jul 2019 21:34
Operator : HP/JU
Sample : K3863-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52W3

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

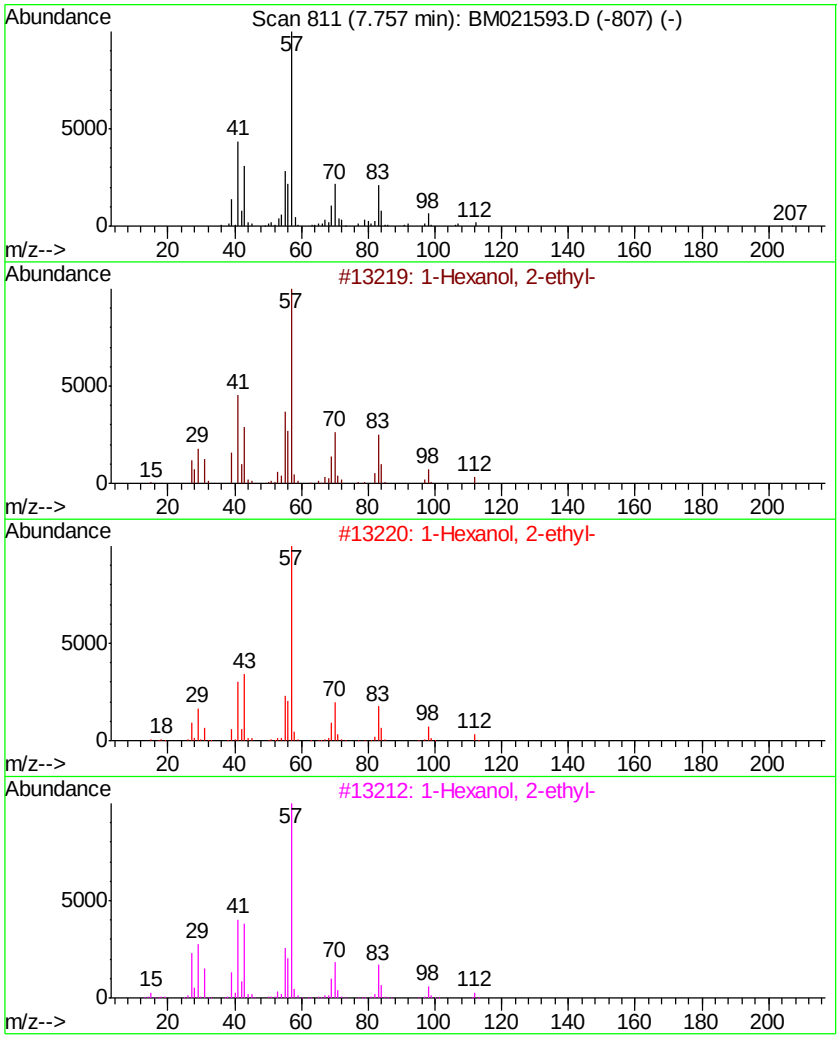
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

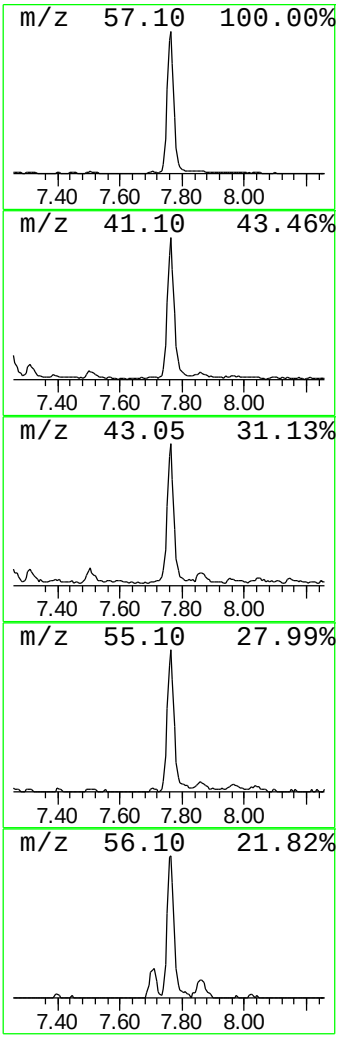
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	13.55 ng/ul	497207	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	80
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021593.D
Acq On : 22 Jul 2019 21:34
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52W3

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

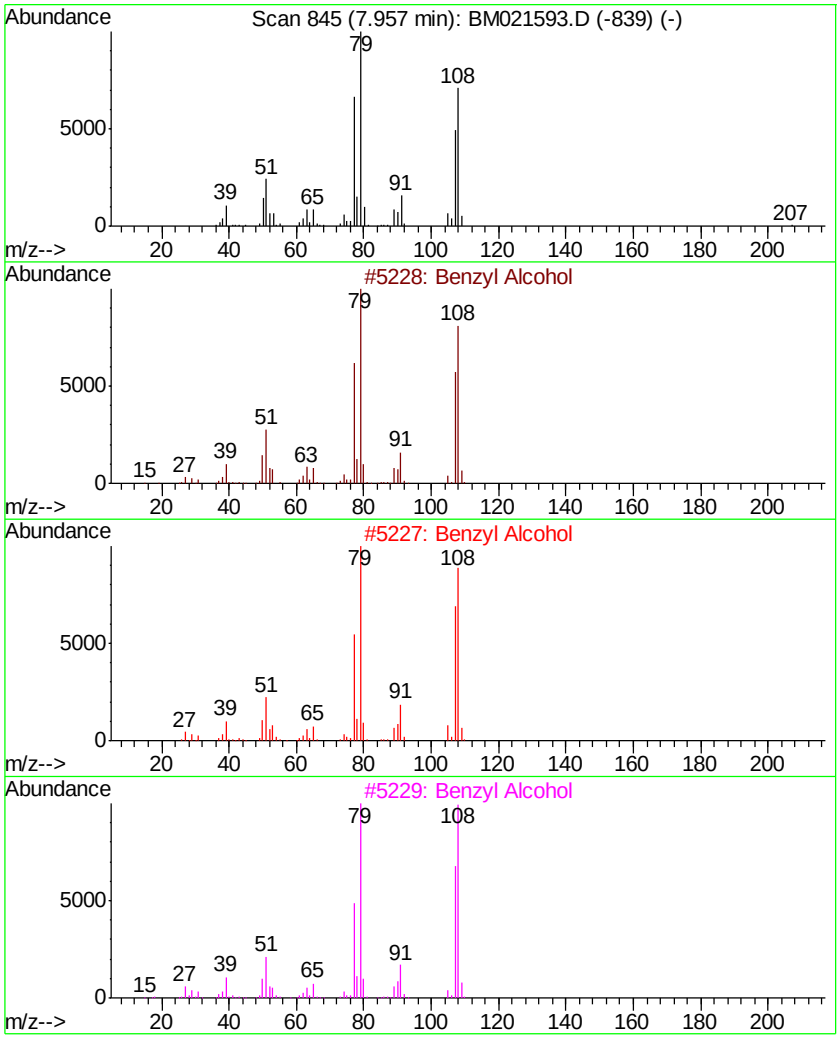
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

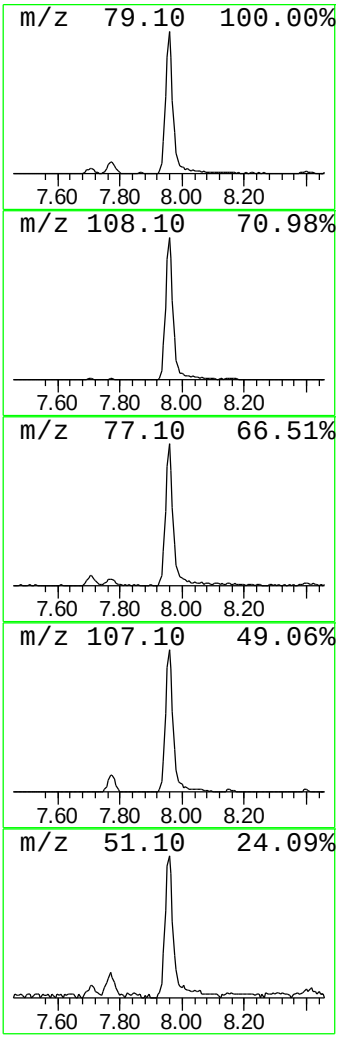
****

Peak Number 3 Benzyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	13.02 ng/ul	477597	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl Alcohol	108	C7H8O	000100-51-6	98
2	Benzyl Alcohol	108	C7H8O	000100-51-6	97
3	Benzyl Alcohol	108	C7H8O	000100-51-6	96
4	N-Cbz-glycylglycine p-nitrophenyl...	387	C18H17N3O7	013574-81-7	91
5	Phenol, 3-methyl-	108	C7H8O	000108-39-4	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021593.D
Acq On : 22 Jul 2019 21:34
Operator : HP/JU
Sample : K3863-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52W3

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

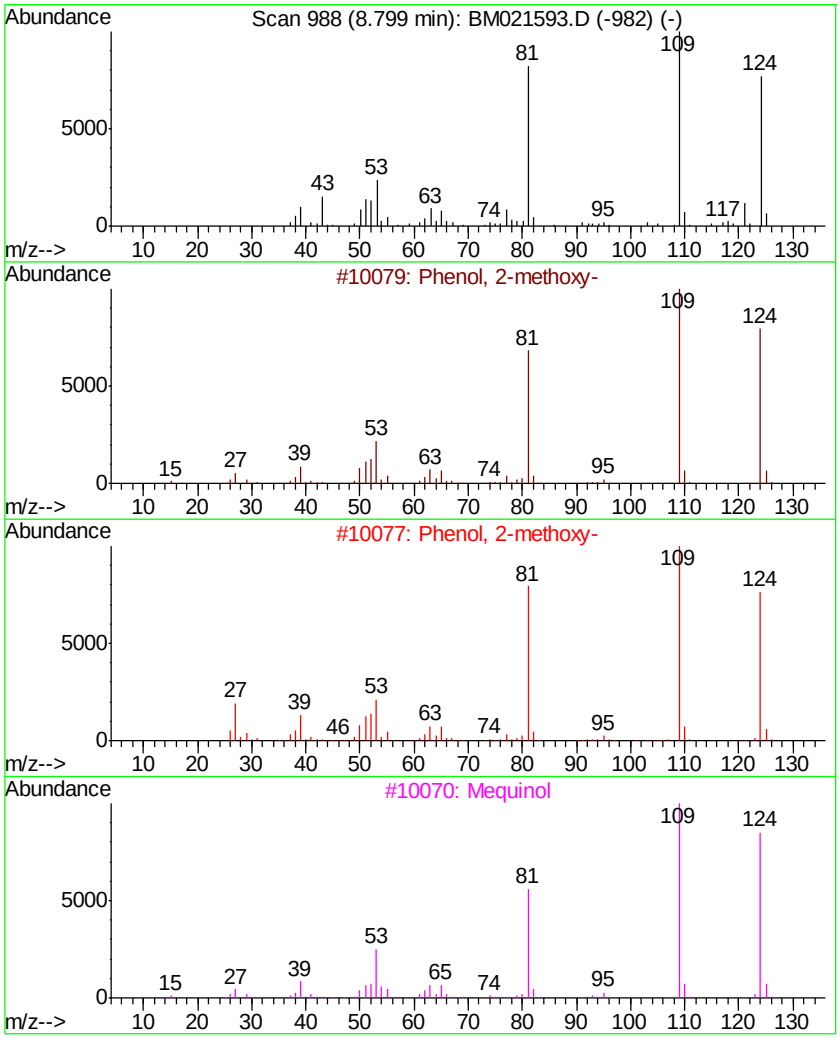
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

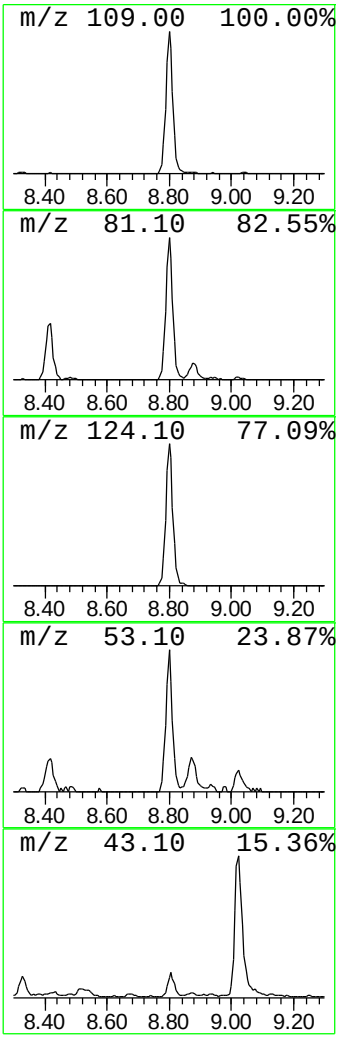
****

Peak Number 4 Phenol, 2-methoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	10.22 ng/ul	374873	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
3	Mequinol	124	C7H8O2	000150-76-5	91
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021593.D
Acq On : 22 Jul 2019 21:34
Operator : HP/JU
Sample : K3863-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52W3

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

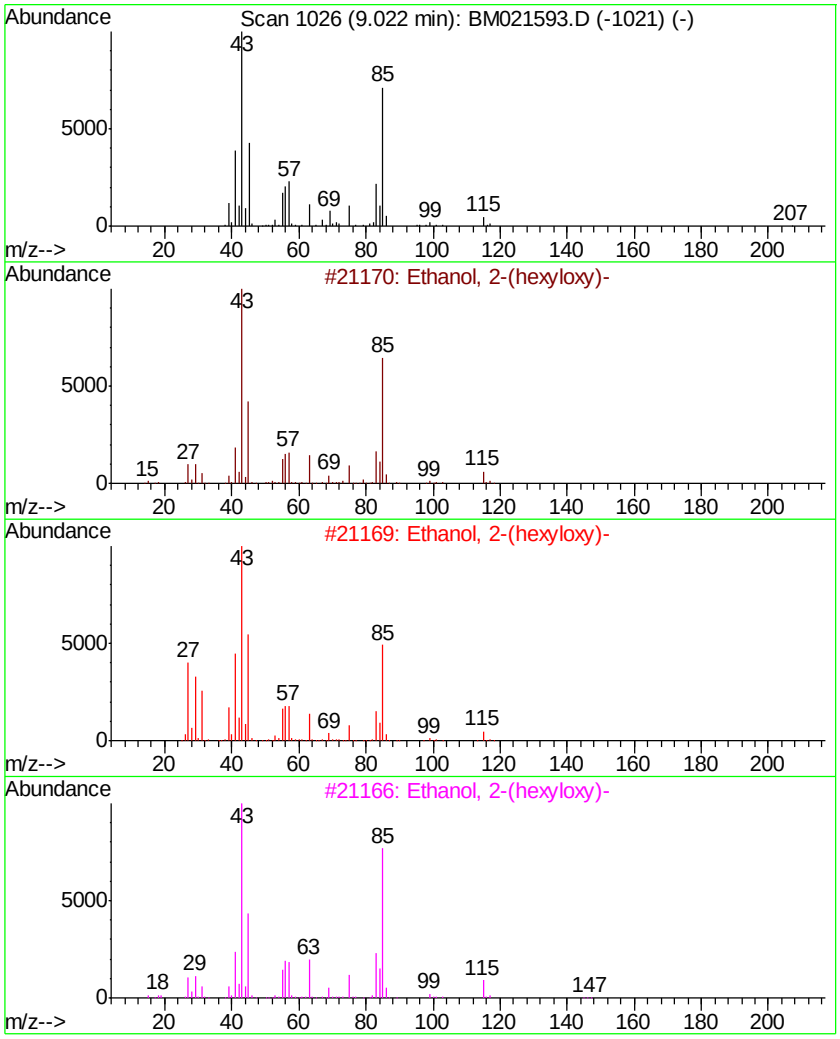
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

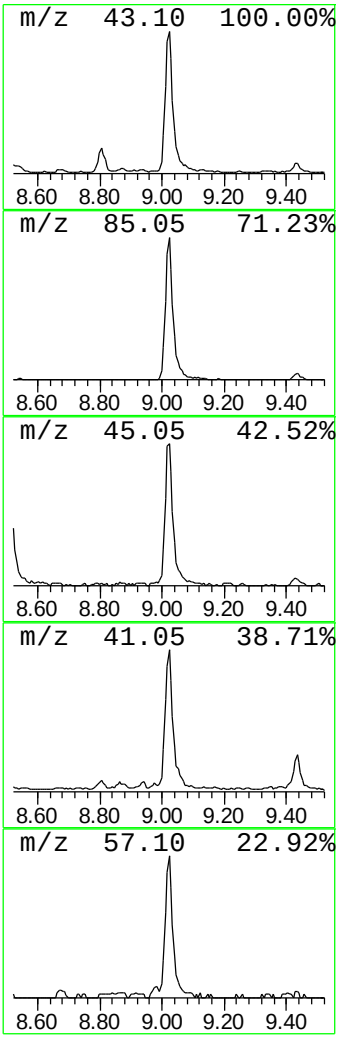
****

Peak Number 5 Ethanol, 2-(hexyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	12.04 ng/ul	441957	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	64
2	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	64
3	Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	53
4	2H-Pyran, 2-[(6-bromohexyl)oxy]t...	264	C11H21BrO2	053963-10-3	37
5	n-Decanol tetrahydropyran ether	242	C15H30O2	110477-35-5	35





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Operator : HP/JU
Sample : K3863-25
Misc :
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Instrument : BNA_M
ClientSampleId : A52W3

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Quant Title : SVOA CALIBRATION

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

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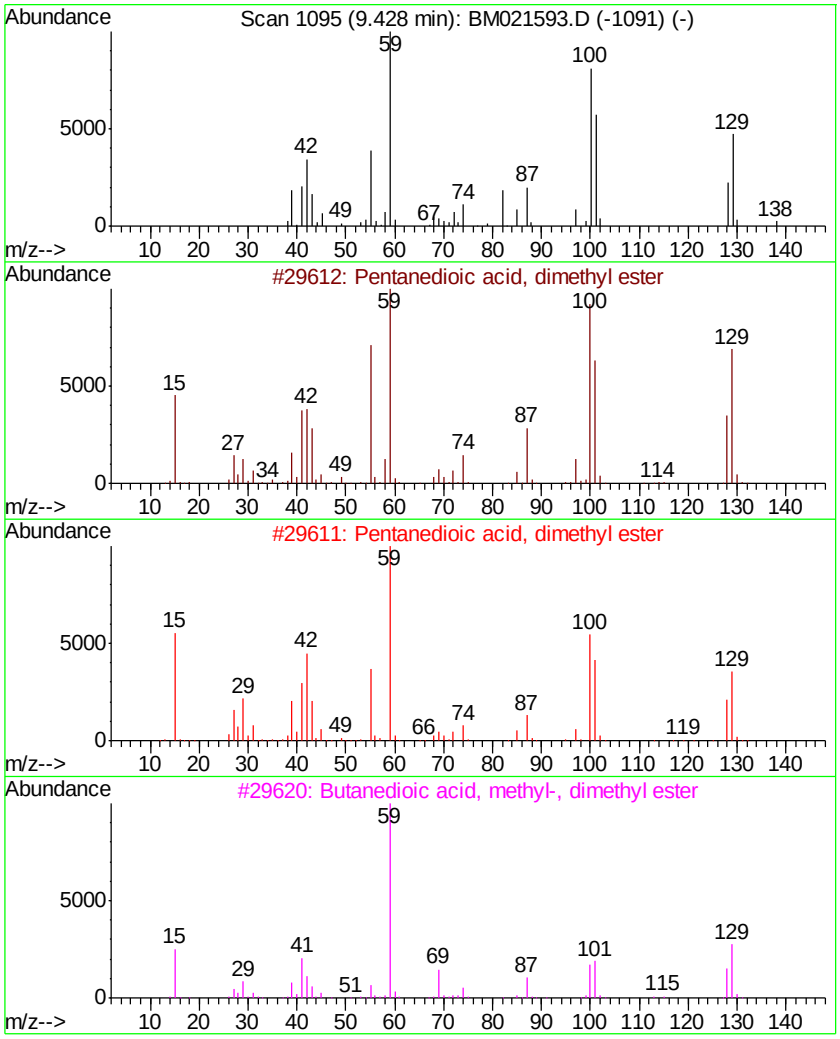
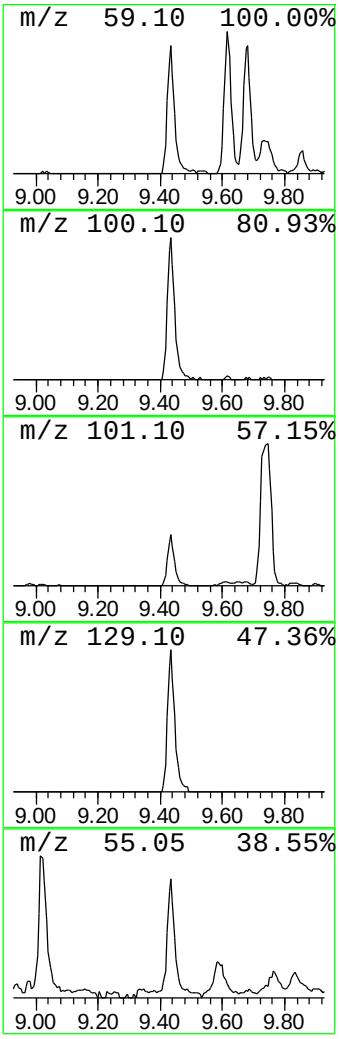
Peak Number 6 Pentanedioic acid, dimethyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	3.49 ng/ul	208969	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	80
2	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	64
3	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	47
4	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	45
5	Hexanoic acid, 6-amino-6-oxo-	145	C6H11NO3	000334-25-8	25





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ClientSampleId : A52W3

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Quant Title : SVOA CALIBRATION

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

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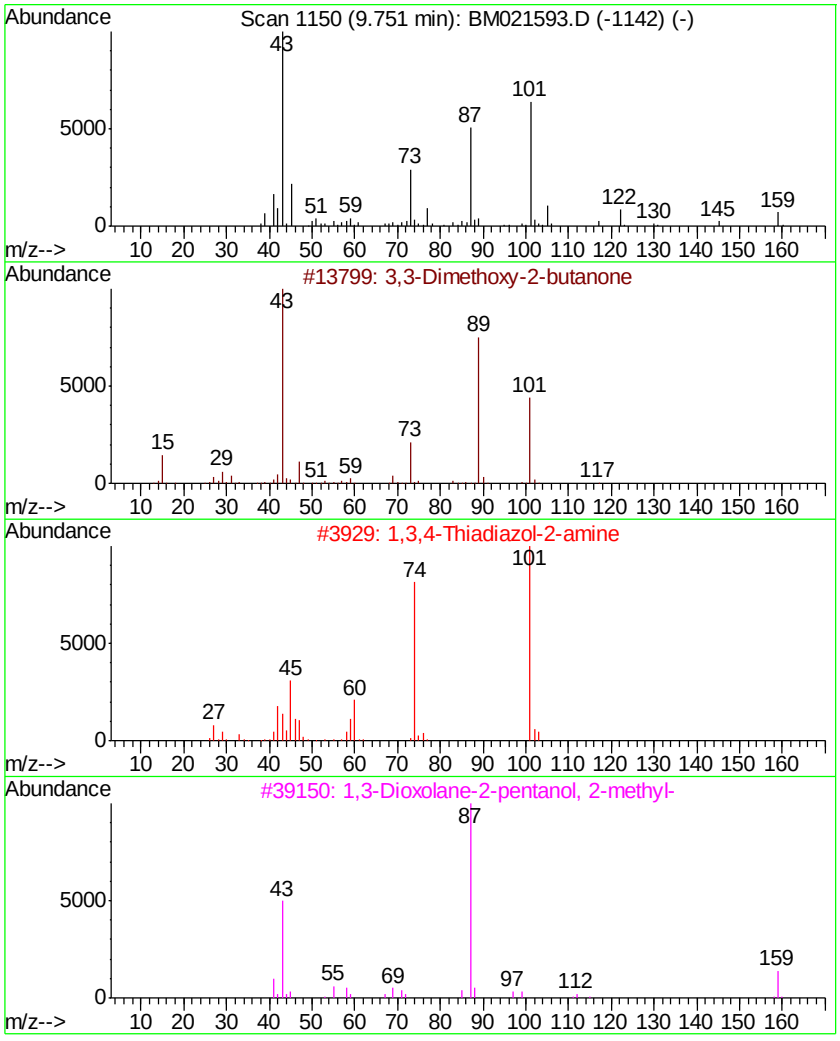
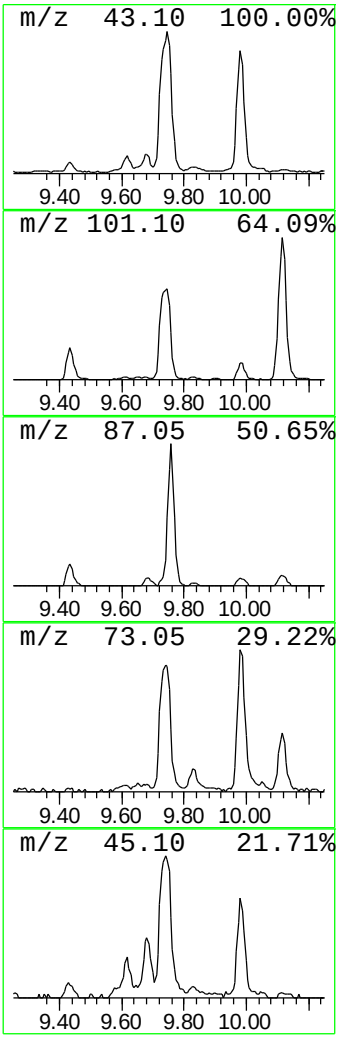
Peak Number 7 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	8.94 ng/ul	534658	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethoxy-2-butanone	132	C6H12O3	021983-72-2	16
2	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	16
3	1,3-Dioxolane-2-pentanol, 2-methyl-	174	C9H18O3	036651-23-7	14
4	Ethyl acetoacetate ethylene acetal	174	C8H14O4	006413-10-1	14
5	N,N-Dimethylvaleramide	129	C7H15NO	006225-06-5	12





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Quant Title : SVOA CALIBRATION

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

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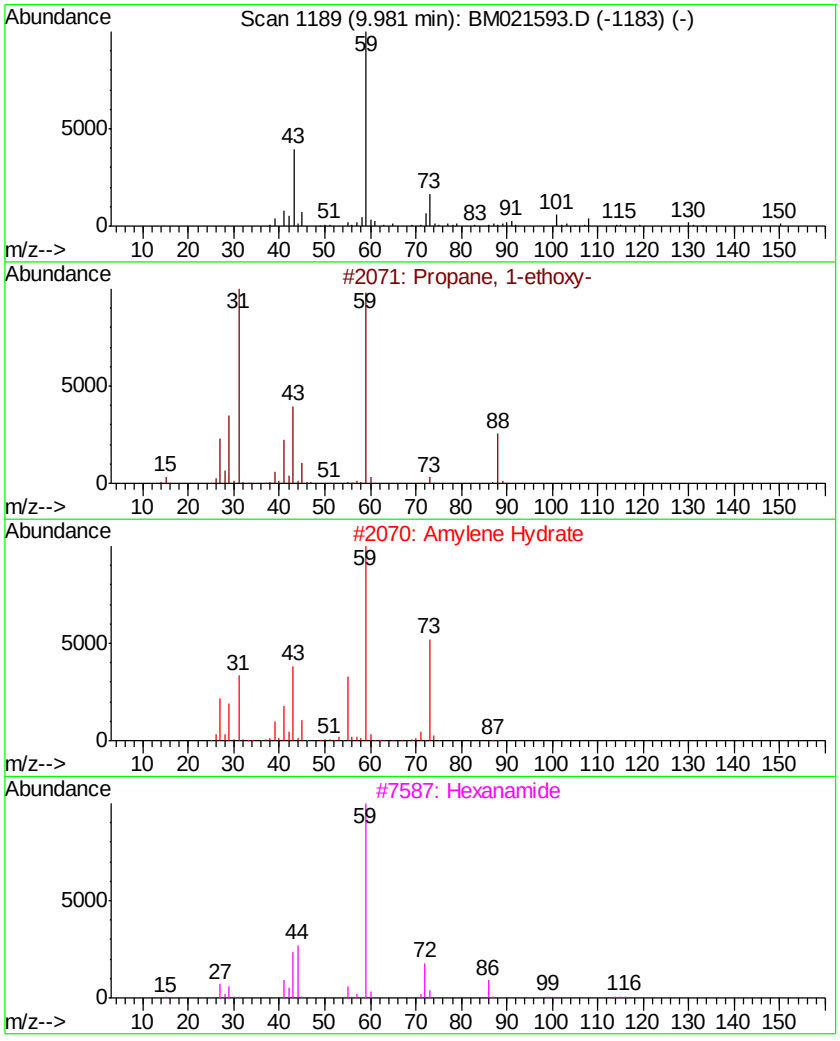
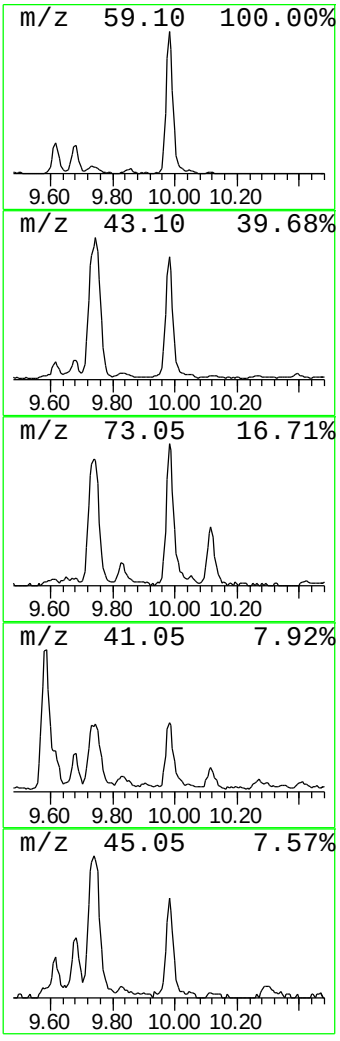
Peak Number 8 Propane, 1-ethoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	8.05 ng/ul	481379	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	53
2	Amylene Hydrate	88	C5H12O	000075-85-4	50
3	Hexanamide	115	C6H13NO	000628-02-4	45
4	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	42
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	42





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Quant Title : SVOA CALIBRATION

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

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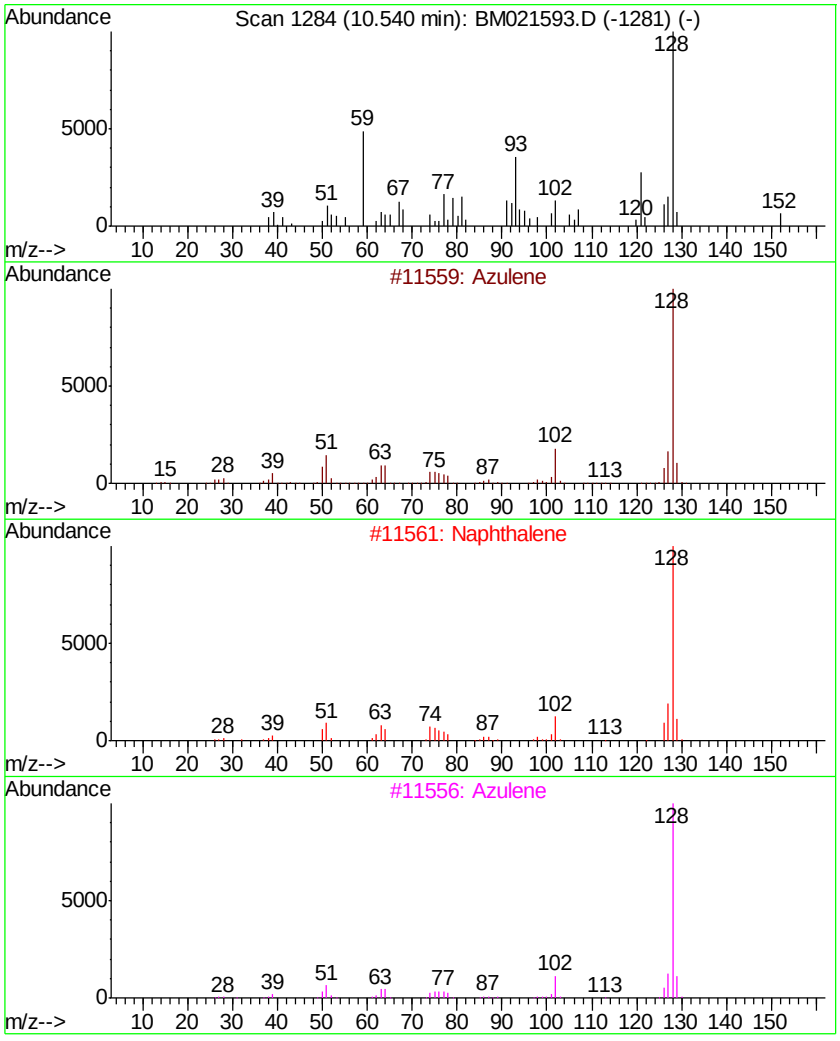
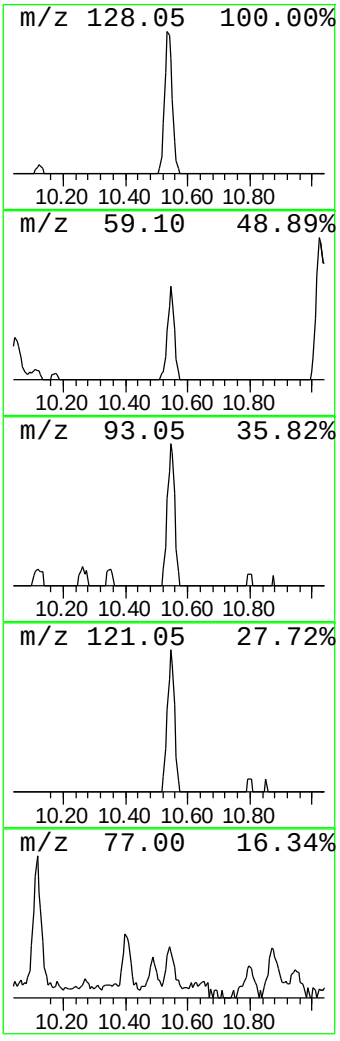
Peak Number 9 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	2.05 ng/ul	122410	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	49
2	Naphthalene	128	C10H8	000091-20-3	46
3	Azulene	128	C10H8	000275-51-4	46
4	Naphthalene	128	C10H8	000091-20-3	43
5	Naphthalene	128	C10H8	000091-20-3	43





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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 Benzothiazole Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	3.01 ng/ul	180044	Naphthalene-d8	10.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	95
2	Benzothiazole	135	C7H5NS	000095-16-9	95
3	Benzothiazole	135	C7H5NS	000095-16-9	91
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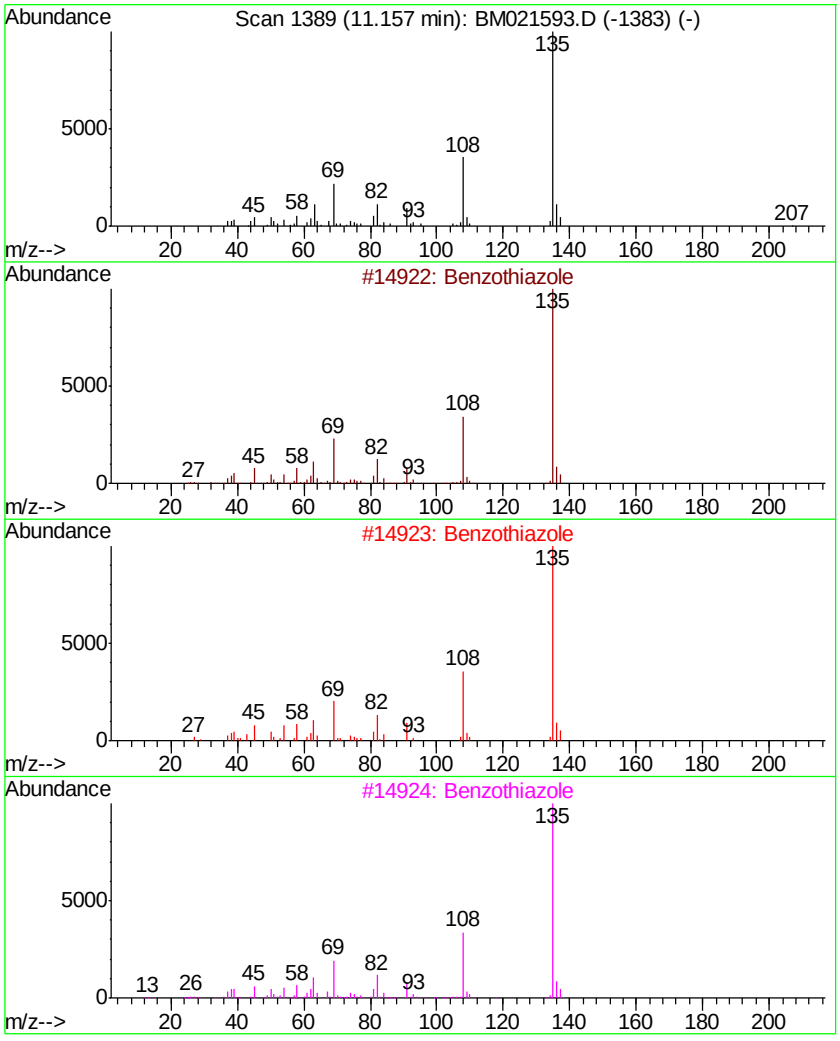
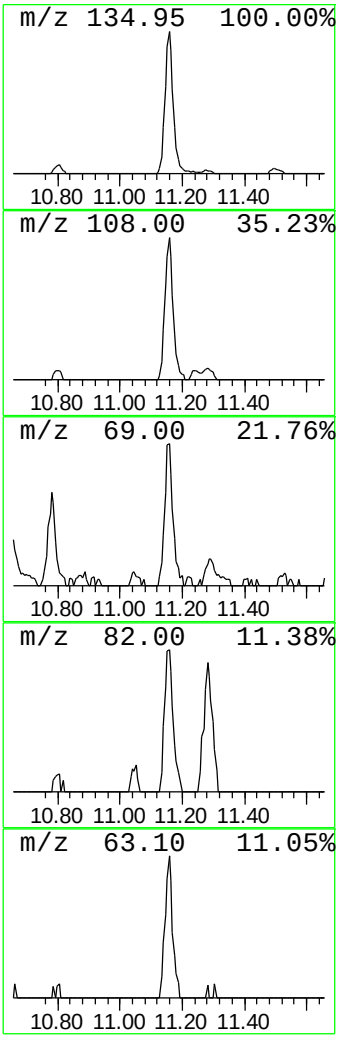
5	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	86





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Quant Title : SVOA CALIBRATION

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

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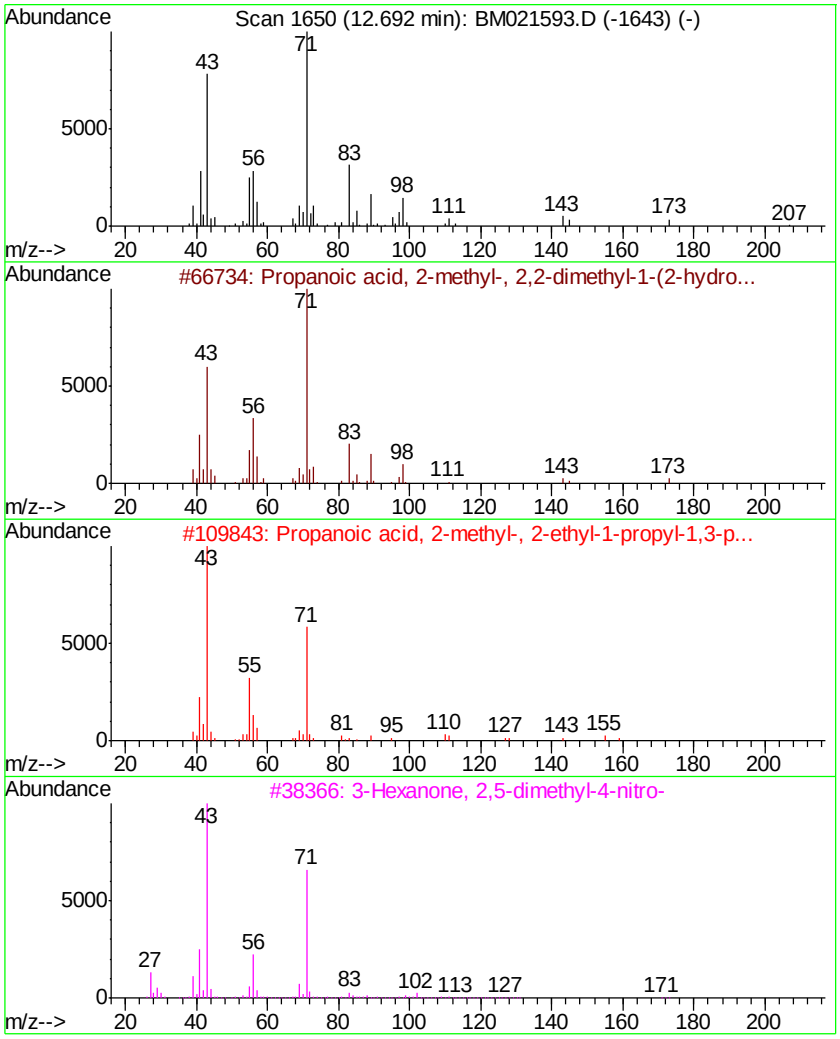
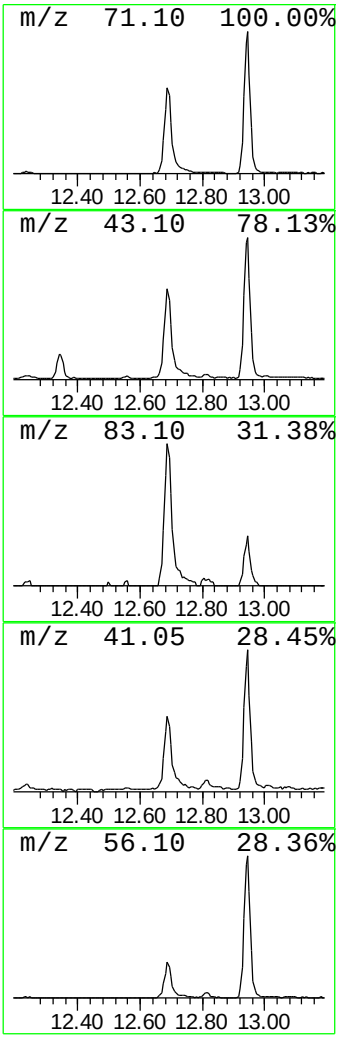
Peak Number 11 Propanoic acid, 2-methyl-, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	3.89 ng/ul	367752	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	86
2	Propanoic acid, 2-methyl-, 2-eth...	286	C16H30O4	074367-30-9	53
3	3-Hexanone, 2,5-dimethyl-4-nitro-	173	C8H15NO3	059906-54-6	43
4	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	43
5	Cyclohexanecarboxylic acid, 2-te...	212	C12H20O3	1000279-85-7	40





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Quant Title : SVOA CALIBRATION

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

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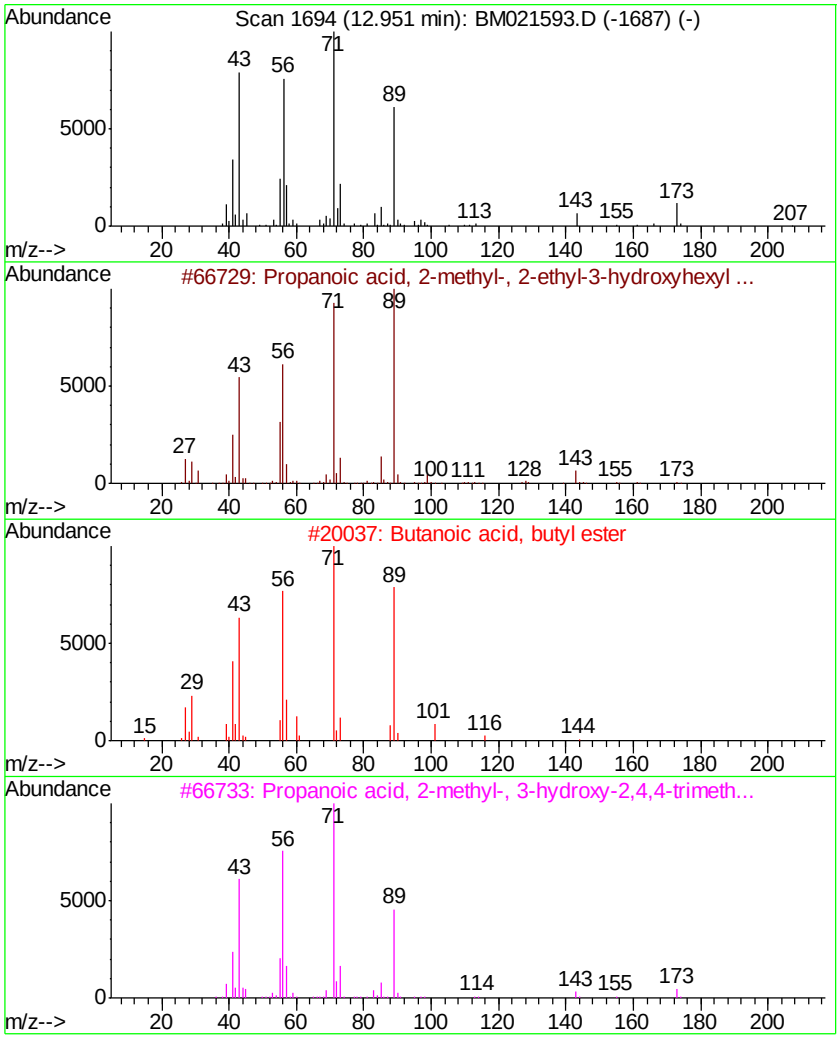
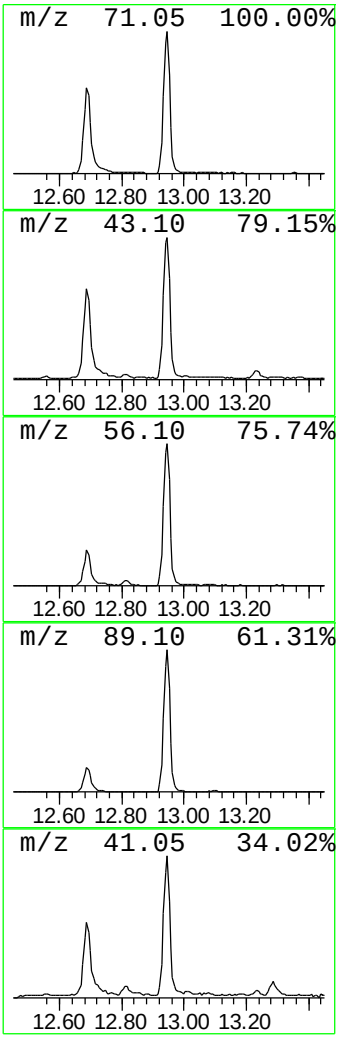
Peak Number 12 Propanoic acid, 2-methyl-, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	5.50 ng/ul	520036	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	78
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	74
3	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	64
4	Propanoic acid, 2-methyl-, octyl...	200	C12H24O2	000109-15-9	59
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	56





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Quant Title : SVOA CALIBRATION

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

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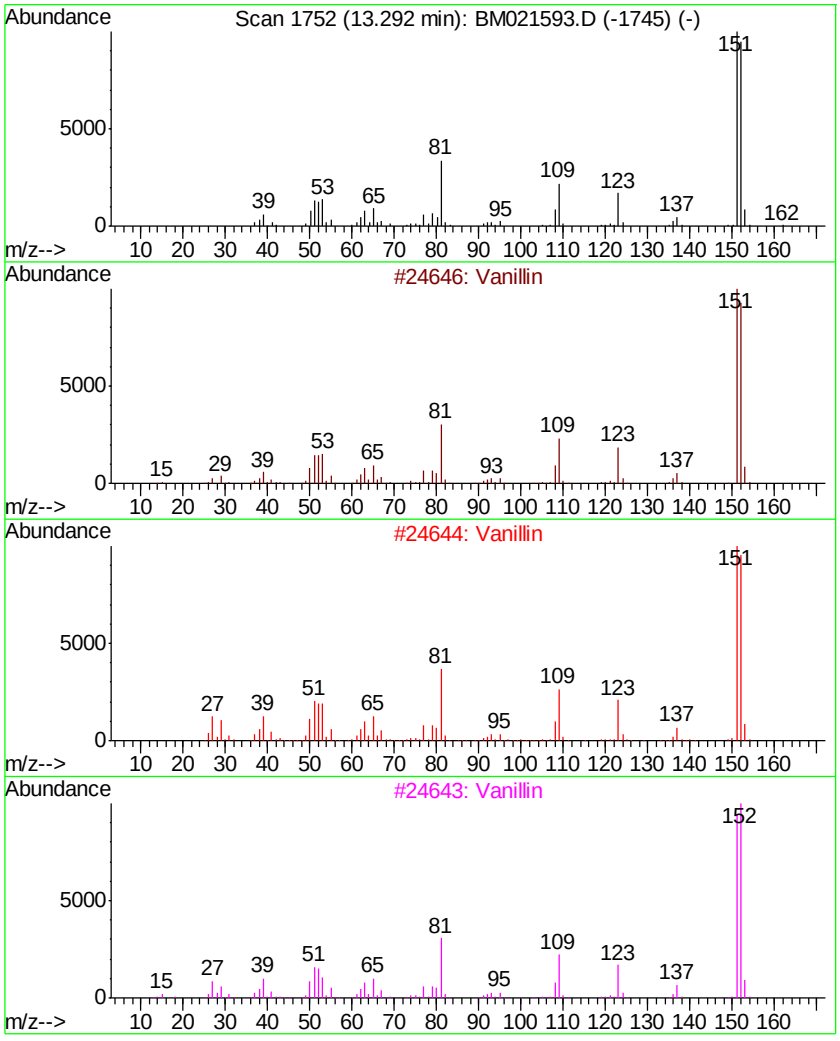
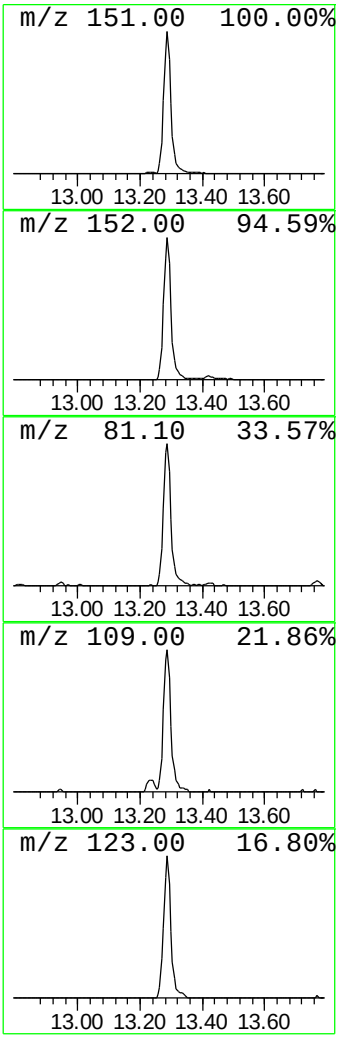
Peak Number 13 Vanillin Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	7.09 ng/ul	670572	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Vanillin	152	C8H8O3	000121-33-5	96
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
5	Vanillin	152	C8H8O3	000121-33-5	95





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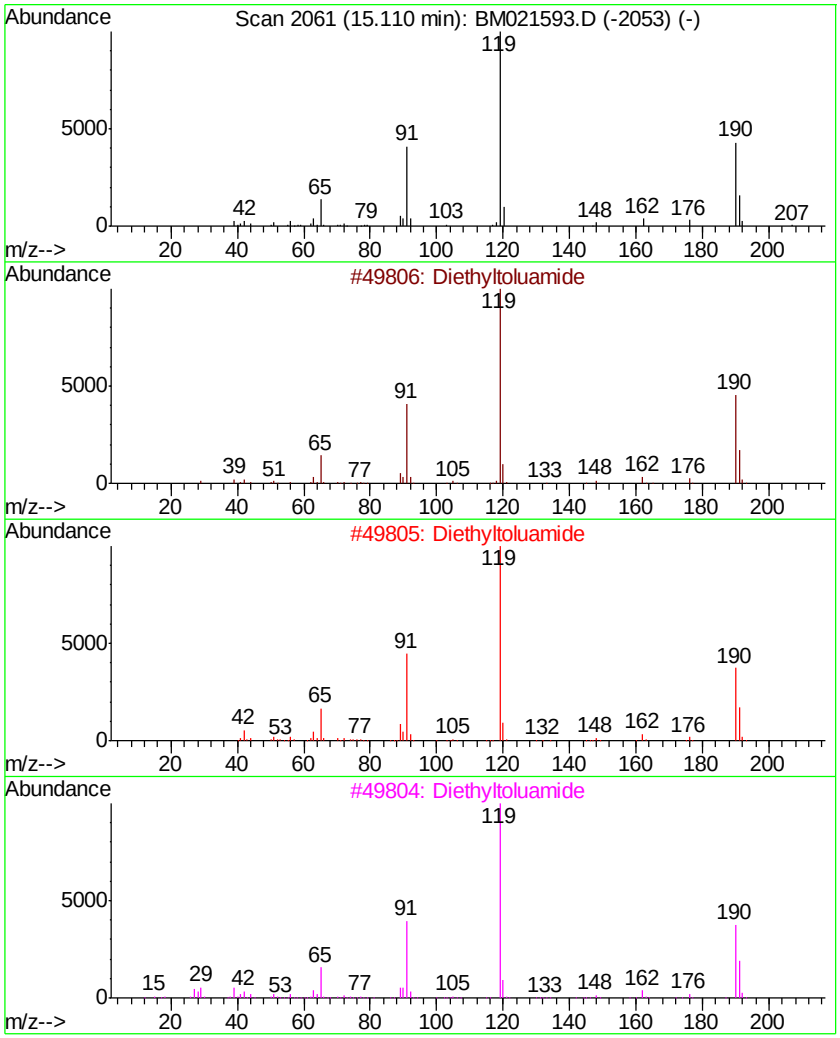
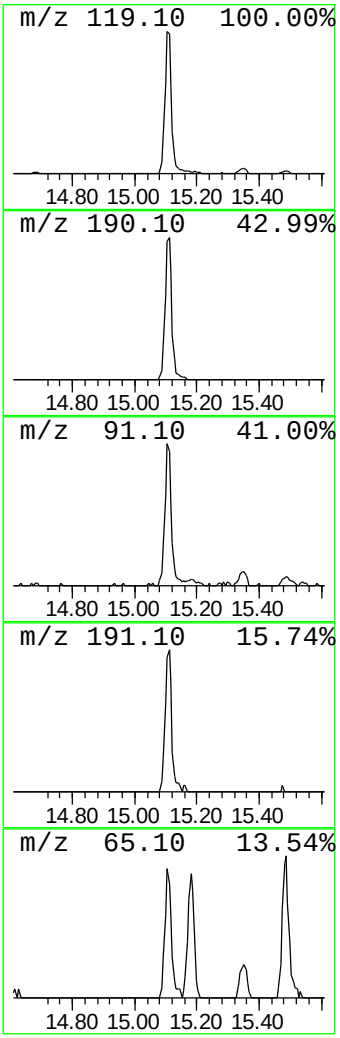
Peak Number 14 Diethyltoluamide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	2.20 ng/ul	207517	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Diethyltoluamide	191	C12H17NO	000134-62-3	94
3	Diethyltoluamide	191	C12H17NO	000134-62-3	94
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
5	Bicyclo[6.3.0]undeca-1,6-dien-3-...	190	C13H18O	1000164-02-3	78





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Quant Title : SVOA CALIBRATION

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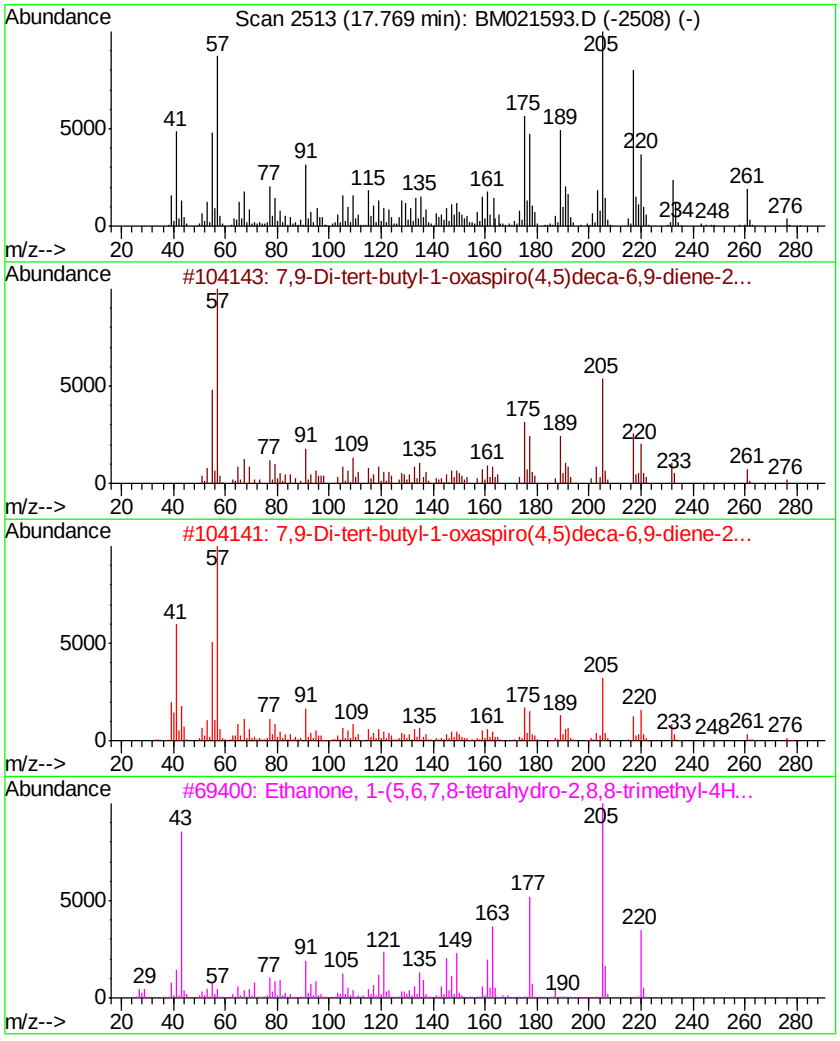
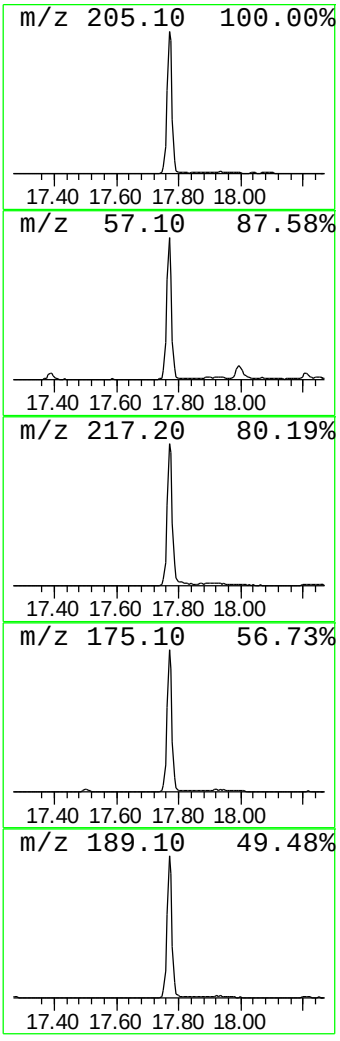
Peak Number 15 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	14.81 ng/ul	1805680	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	80
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	70
5	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	41





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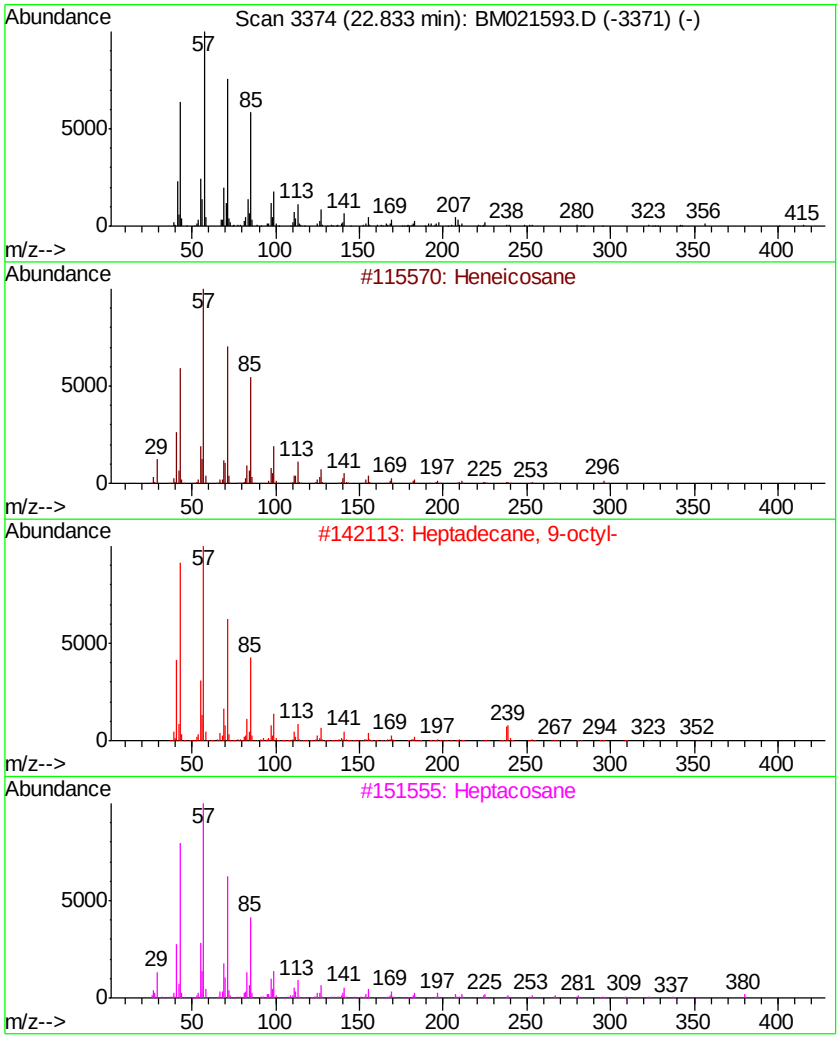
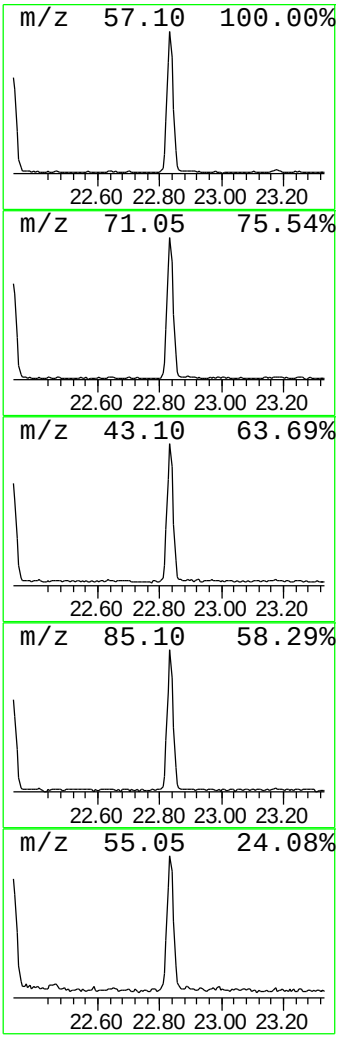
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.05 ng/ul	373486	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Nonacosane	408	C29H60	000630-03-5	87
5	Octadecane	254	C18H38	000593-45-3	87





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TIC Integration Parameters: LSCINT.P

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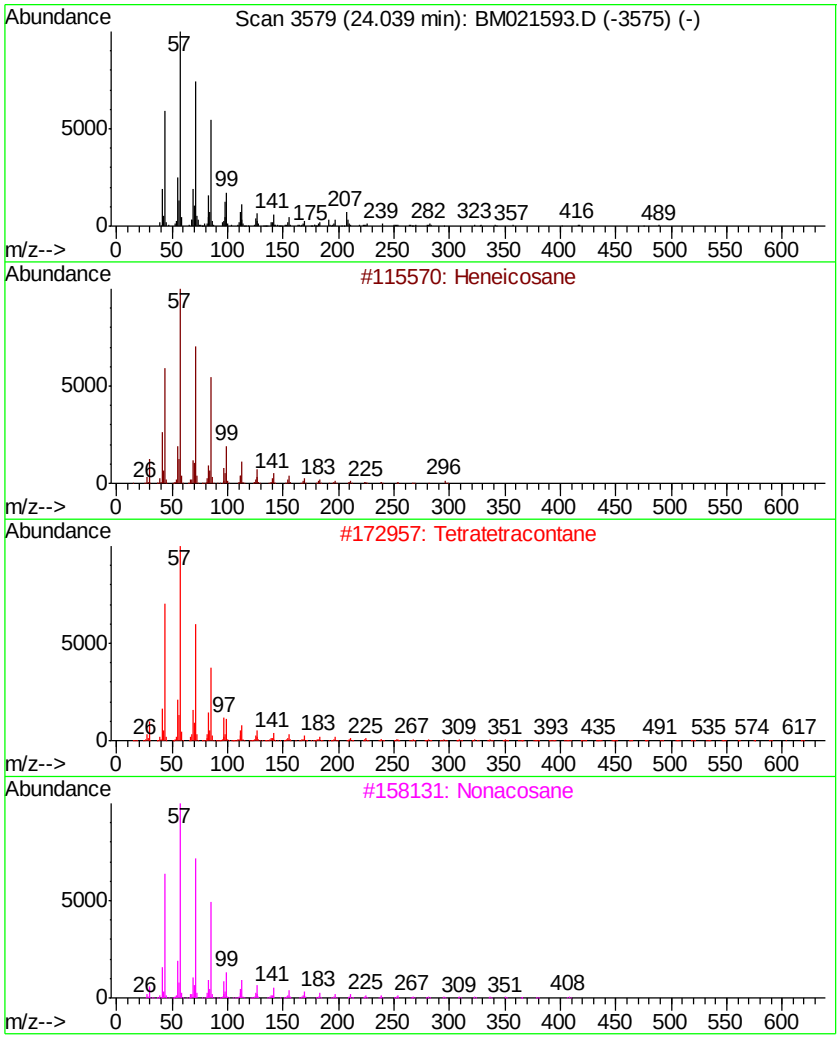
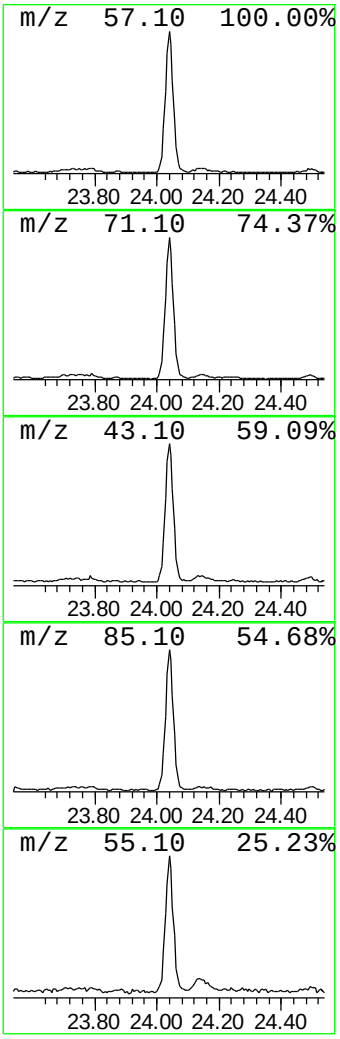
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	3.04 ng/ul	552768	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072219\
Data File : BM021593.D
Acq On : 22 Jul 2019 21:34
Operator : HP/JU
Sample : K3863-25
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52W3

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
Ethanol, 2-butoxy-	5.80	18.8	ng/ul	689492	1	7.70	733853	20.0
1-Hexanol, 2-ethyl-	7.76	13.6	ng/ul	497207	1	7.70	733853	20.0
Benzyl Alcohol	7.96	13.0	ng/ul	477597	1	7.70	733853	20.0
Phenol, 2-methoxy-	8.80	10.2	ng/ul	374873	1	7.70	733853	20.0
Ethanol, 2-(hexyl...	9.02	12.0	ng/ul	441957	1	7.70	733853	20.0
Pentanedioic acid...	9.43	3.5	ng/ul	208969	2	10.49	1196170	20.0
unknown-01	9.75	8.9	ng/ul	534658	2	10.49	1196170	20.0
Propane, 1-ethoxy-	9.98	8.1	ng/ul	481379	2	10.49	1196170	20.0
unknown-02	10.54	2.0	ng/ul	122410	2	10.49	1196170	20.0
Benzothiazole	11.16	3.0	ng/ul	180044	2	10.49	1196170	20.0
Propanoic acid, 2...	12.69	3.9	ng/ul	367752	3	14.35	1890680	20.0
Propanoic acid, 2...	12.95	5.5	ng/ul	520036	3	14.35	1890680	20.0
Vanillin	13.29	7.1	ng/ul	670572	3	14.35	1890680	20.0
Diethyltoluamide	15.11	2.2	ng/ul	207517	3	14.35	1890680	20.0
7,9-Di-tert-butyl...	17.77	14.8	ng/ul	1805680	4	17.10	2437790	20.0
(DEL) Alkane: Str...	22.83	2.0	ng/ul	373486	6	23.54	3635570	20.0
(DEL) Alkane: Str...	24.04	3.0	ng/ul	552768	6	23.54	3635570	20.0