LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028949.D
Acq On : 27 Feb 2021 09:54
Operator : CG/JU
Sample : M1498-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H1

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-BM022721MA.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	3.122	20	23	25	rBV	3693	3924	1.31%	0.101%
2	3.152	25	28	36	rVB	18065	22045	7.39%	0.570%
3	4.346	226	231	236	rBV	3431	4875	1.63%	0.126%
4	6.957	670	675	684	rBV2	17341	31636	10.60%	0.817%
5	7.110	696	701	708	rBB	47917	71536	23.97%	1.848%
6	7.305	728	734	742	rBB	58419	91085	30.52%	2.353%
7	7.387	745	748	754	rBV	2193	3865	1.29%	0.100%
8	7.769	808	813	820	rBB	53955	79878	26.76%	2.064%
9	7.869	826	830	833	rBB3	1788	2384	0.80%	0.062%
10	8.504	932	938	946	rBB	45470	71995	24.12%	1.860%
11	8.946	1007	1013	1022	rBB	64575	102733	34.42%	2.654%
12	9.287	1066	1071	1078	rBB3	5107	7725	2.59%	0.200%
13	9.398	1086	1090	1094	rBB	2694	3719	1.25%	0.096%
14	9.587	1118	1122	1126	rBB3	1436	2287	0.77%	0.059%
15	9.663	1130	1135	1143	rVB	58432	91984	30.82%	2.377%
16	9.787	1152	1156	1160	rBB2	1632	1974	0.66%	0.051%
17	9.846	1161	1166	1170	rBV2	1648	2623	0.88%	0.068%
18	10.110	1204	1211	1217	rBV4	5861	14757	4.94%	0.381%
19	10.204	1222	1227	1236	rBV	82999	132861	44.52%	3.433%
20	10.569	1283	1289	1297	rVB	76994	122732	41.12%	3.171%
21	10.722	1307	1315	1326	rBV	70711	119003	39.87%	3.075%
22	10.998	1359	1362	1369	rVB3	1182	2385	0.80%	0.062%
23	11.145	1381	1387	1392	rBV3	878	2129	0.71%	0.055%
24	11.298	1408	1413	1419	rBV2	2319	4113	1.38%	0.106%
25	11.398	1426	1430	1431	rVV5	2041	2997	1.00%	0.077%
26	11.422	1431	1434	1441	rVV4	3213	5191	1.74%	0.134%
27	11.563	1456	1458	1463	rVB2	1388	1930	0.65%	0.050%
28	11.651	1468	1473	1476	rVV3	1255	1891	0.63%	0.049%
29	11.787	1491	1496	1499	rBV3	2299	3872	1.30%	0.100%
30	11.828	1499	1503	1506	rVB	2075	3088	1.03%	0.080%
31	11.928	1517	1520	1525	rVB4	2076	3038	1.02%	0.078%
32	11.987	1525	1530	1534	rBV2	2162	3250	1.09%	0.084%
33	12.028	1534	1537	1541	rVB3	1461	1919	0.64%	0.050%
34	12.145	1548	1557	1558	rBV4	1141	2478	0.83%	0.064%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028949.D
Acq On : 27 Feb 2021 09:54
Operator : CG/JU
Sample : M1498-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H1

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-BM022721MA.M
Title : SVOA CALIBRATION

35	12.169	1558	1561	1566	rVB	1625	2047	0.69%	0.053%
36	12.234	1566	1572	1578	rBV4	2661	6646	2.23%	0.172%
37	12.304	1580	1584	1587	rBV4	1464	2638	0.88%	0.068%
38	12.369	1593	1595	1599	rBV3	1631	1922	0.64%	0.050%
39	12.416	1601	1603	1608	rVB	2164	2352	0.79%	0.061%
40	12.522	1614	1621	1622	rBV4	1908	3251	1.09%	0.084%
41	12.745	1655	1659	1662	rBV3	1466	2586	0.87%	0.067%
42	12.822	1668	1672	1678	rVB3	2643	4473	1.50%	0.116%
43	12.881	1678	1682	1685	rBV3	1517	2399	0.80%	0.062%
44	12.945	1689	1693	1698	rVV4	1723	4067	1.36%	0.105%
45	13.028	1703	1707	1710	rVV4	2034	3177	1.06%	0.082%
46	13.239	1738	1743	1749	rBV3	2459	4676	1.57%	0.121%
47	13.322	1751	1757	1763	rVB	45480	70528	23.63%	1.822%
48	13.392	1763	1769	1771	rBV5	1654	3210	1.08%	0.083%
49	13.486	1782	1785	1790	rVB4	2672	3788	1.27%	0.098%
50	13.534	1790	1793	1800	rBV6	1446	2231	0.75%	0.058%
51	13.669	1812	1816	1822	rVV4	3578	4794	1.61%	0.124%
52	13.769	1827	1833	1834	rBV3	1319	2000	0.67%	0.052%
53	13.851	1841	1847	1852	rVB	153508	200141	67.06%	5.171%
54	13.898	1852	1855	1859	rVB	3894	4826	1.62%	0.125%
55	14.128	1888	1894	1900	rBV	158214	225767	75.64%	5.833%
56	14.263	1909	1917	1922	rBV	9878	15555	5.21%	0.402%
57	14.357	1929	1933	1938	rVB3	11565	16609	5.56%	0.429%
58	14.433	1940	1946	1953	rVB	121508	170059	56.98%	4.394%
59	14.692	1983	1990	1999	rBV2	9896	23157	7.76%	0.598%
60	14.810	2006	2010	2012	rBV3	1452	1822	0.61%	0.047%
61	14.957	2033	2035	2039	rBV4	1343	2311	0.77%	0.060%
62	15.051	2045	2051	2056	rBV4	2316	5279	1.77%	0.136%
63	15.198	2070	2076	2080	rBV5	4350	8873	2.97%	0.229%
64	15.428	2109	2115	2121	rVB	198751	272981	91.46%	7.053%
65	15.480	2121	2124	2129	rVB5	2551	3484	1.17%	0.090%
66	15.575	2129	2140	2147	rBV2	54065	108867	36.48%	2.813%
67	15.692	2156	2160	2164	rVB4	4044	4915	1.65%	0.127%
68	15.839	2181	2185	2189	rVB6	1135	1859	0.62%	0.048%
69	15.892	2191	2194	2200	rVB4	2213	2971	1.00%	0.077%
70	15.957	2200	2205	2210	rBV	40257	56139	18.81%	1.451%
71	16.104	2226	2230	2234	rVV3	4298	5700	1.91%	0.147%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028949.D
Acq On : 27 Feb 2021 09:54
Operator : CG/JU
Sample : M1498-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H1

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-BM022721MA.M
Title : SVOA CALIBRATION

72	16.163	2238	2240	2246	rVB6	1733	2112	0.71%	0.055%
73	16.292	2258	2262	2264	rBV3	2027	2576	0.86%	0.067%
74	16.380	2274	2277	2282	rVB6	1670	3092	1.04%	0.080%
75	16.463	2287	2291	2296	rVB	10152	14040	4.70%	0.363%
76	16.510	2296	2299	2304	rVB4	5066	7023	2.35%	0.181%
77	16.727	2333	2336	2346	rVB2	5880	8988	3.01%	0.232%
78	16.922	2365	2369	2372	rBV5	2515	3472	1.16%	0.090%
79	17.110	2395	2401	2407	rVV3	11257	16009	5.36%	0.414%
80	17.174	2407	2412	2419	rVV	130069	181815	60.92%	4.698%
81	17.274	2423	2429	2435	rBV	216294	290454	97.32%	7.505%
82	17.480	2456	2464	2469	rVV5	4716	9121	3.06%	0.236%
83	17.663	2490	2495	2497	rBV4	2783	4092	1.37%	0.106%
84	17.786	2512	2516	2522	rBV7	1593	2630	0.88%	0.068%
85	18.069	2560	2564	2572	rBV	32964	45366	15.20%	1.172%
86	18.492	2632	2636	2640	rBV	19552	23385	7.84%	0.604%
87	18.810	2688	2690	2692	rVV2	1950	2137	0.72%	0.055%
88	18.845	2693	2696	2701	rVB3	7598	10325	3.46%	0.267%
89	18.921	2705	2709	2715	rVB2	15214	18628	6.24%	0.481%
90	18.986	2715	2720	2722	rBV4	1411	2755	0.92%	0.071%
91	19.198	2753	2756	2760	rBV4	3016	3997	1.34%	0.103%
92	19.239	2760	2763	2767	rVB2	8942	9614	3.22%	0.248%
93	19.345	2777	2781	2786	rBV3	11358	15201	5.09%	0.393%
94	19.563	2813	2818	2824	rBV	234362	298461	100.00%	7.712%
95	19.615	2824	2827	2834	rVB	9619	11654	3.90%	0.301%
96	20.068	2901	2904	2907	rBV5	5521	6315	2.12%	0.163%
97	21.045	3066	3070	3075	rBV2	31427	37245	12.48%	0.962%
98	21.339	3115	3120	3125	rBV	134274	163199	54.68%	4.217%
99	23.398	3464	3470	3479	rVB	145706	249873	83.72%	6.456%
100	23.533	3488	3493	3501	rVB2	79600	144691	48.48%	3.739%

Sum of corrected areas: 3870272

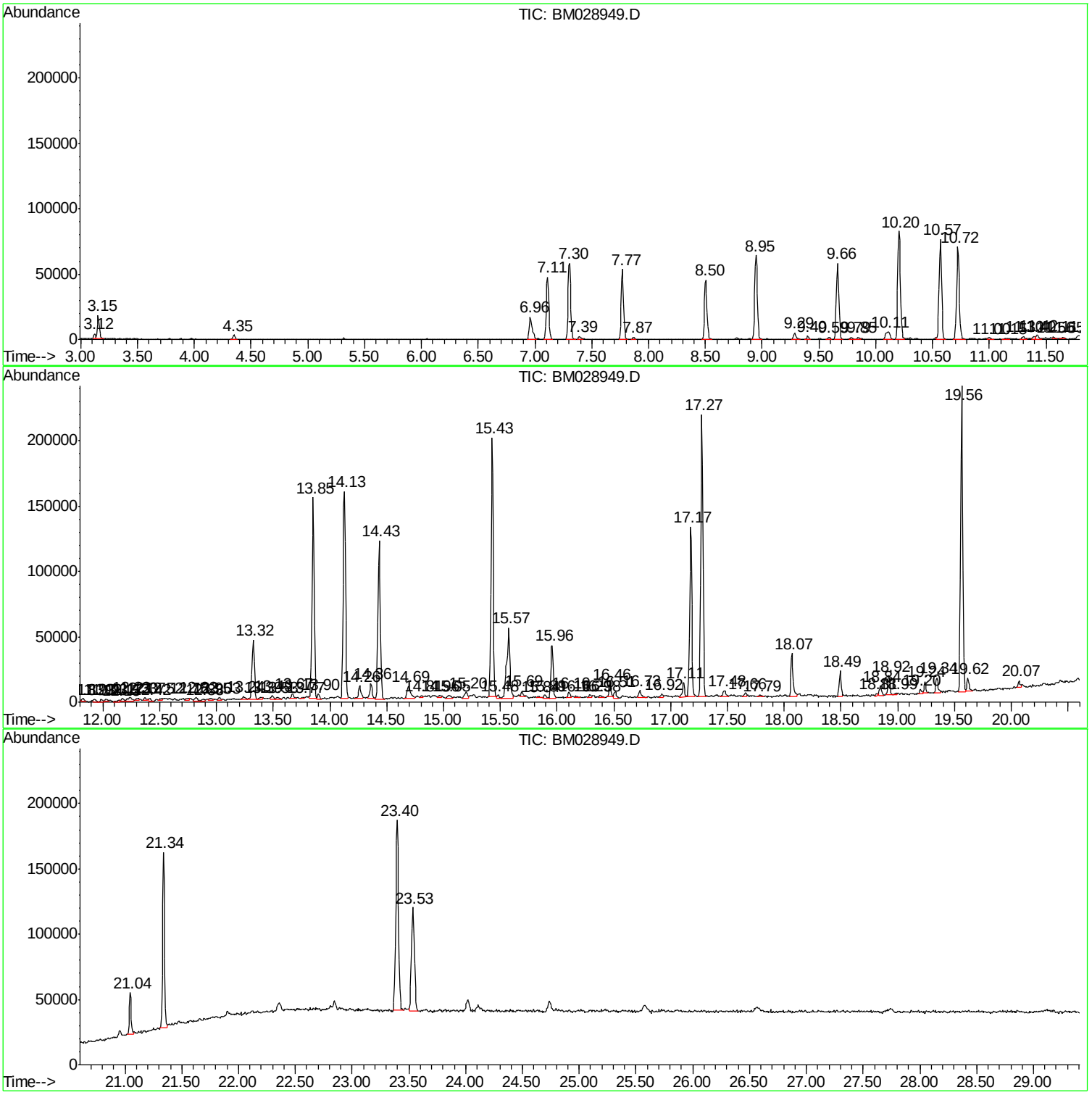
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028949.D
Acq On : 27 Feb 2021 09:54
Operator : CG/JU
Sample : M1498-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.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 M\DATA\BM022721\
Data File : BM028949.D
Acq On : 27 Feb 2021 09:54
Operator : CG/JU
Sample : M1498-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

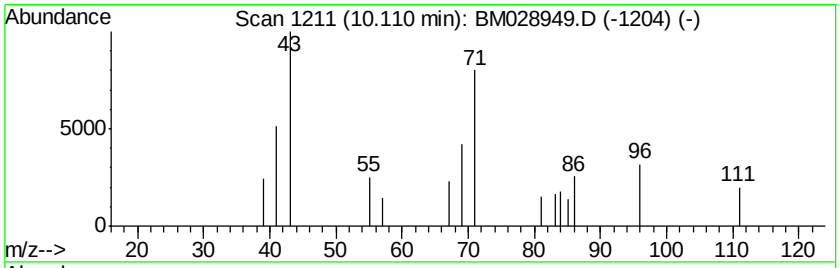
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

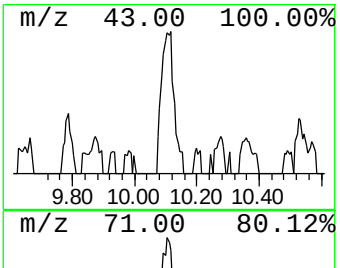
****

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	2.40 ng/ul	14757	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 1-methoxy-2-methyl-	86	C5H10O	017574-84-4	32
2	Z-1-Methoxy-2-hexene	114	C7H14O	1000279-60-9	32
3	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	32
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	23
5	Trans-3-methylpent-3-ene-5-ol	100	C6H12O	030801-95-7	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028949.D
Acq On : 27 Feb 2021 09:54
Operator : CG/JU
Sample : M1498-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

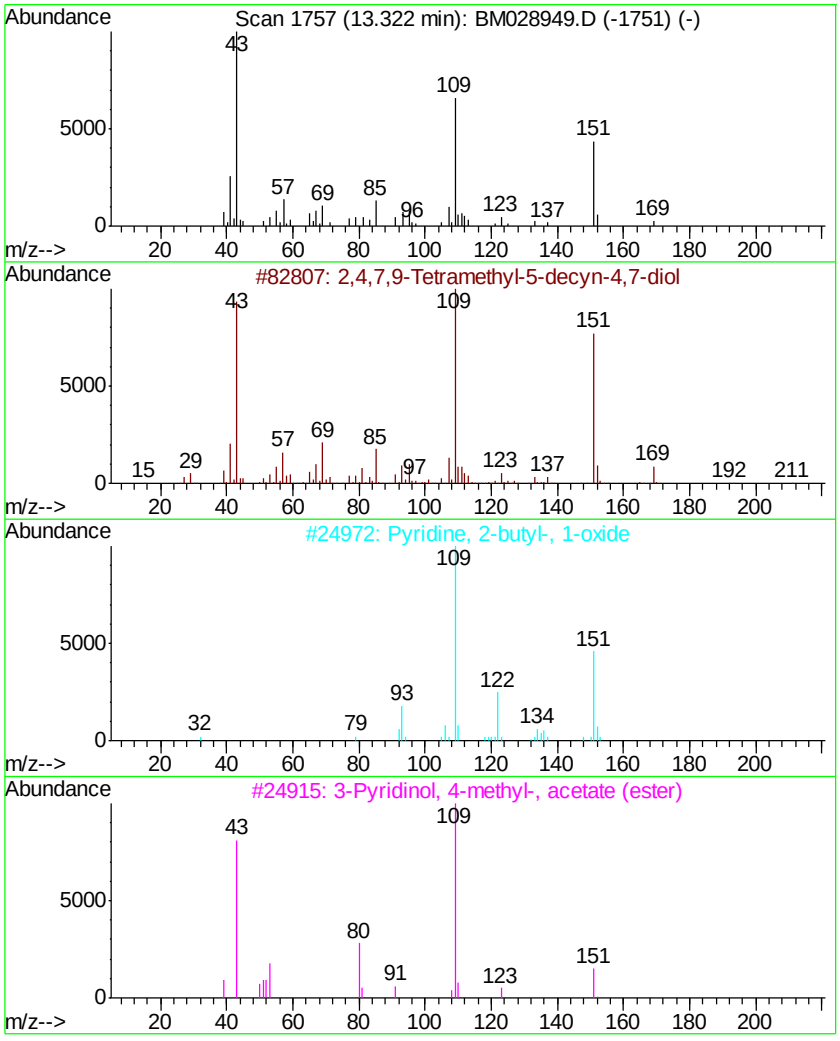
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

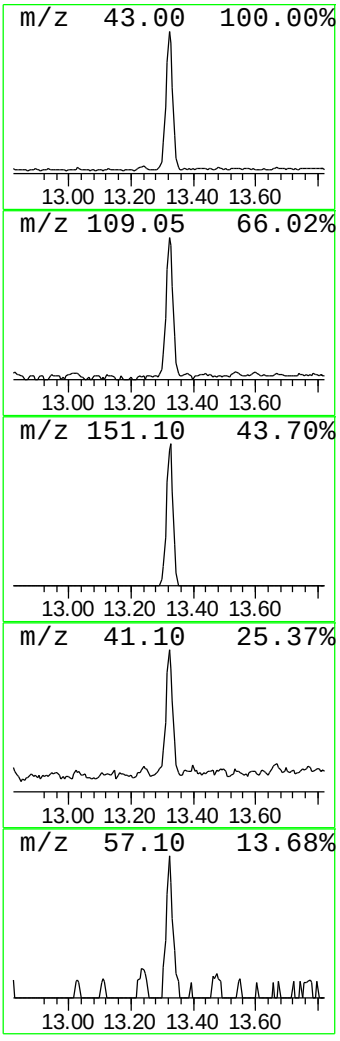
****

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	8.29 ng/ul	70528	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028949.D
Acq On : 27 Feb 2021 09:54
Operator : CG/JU
Sample : M1498-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

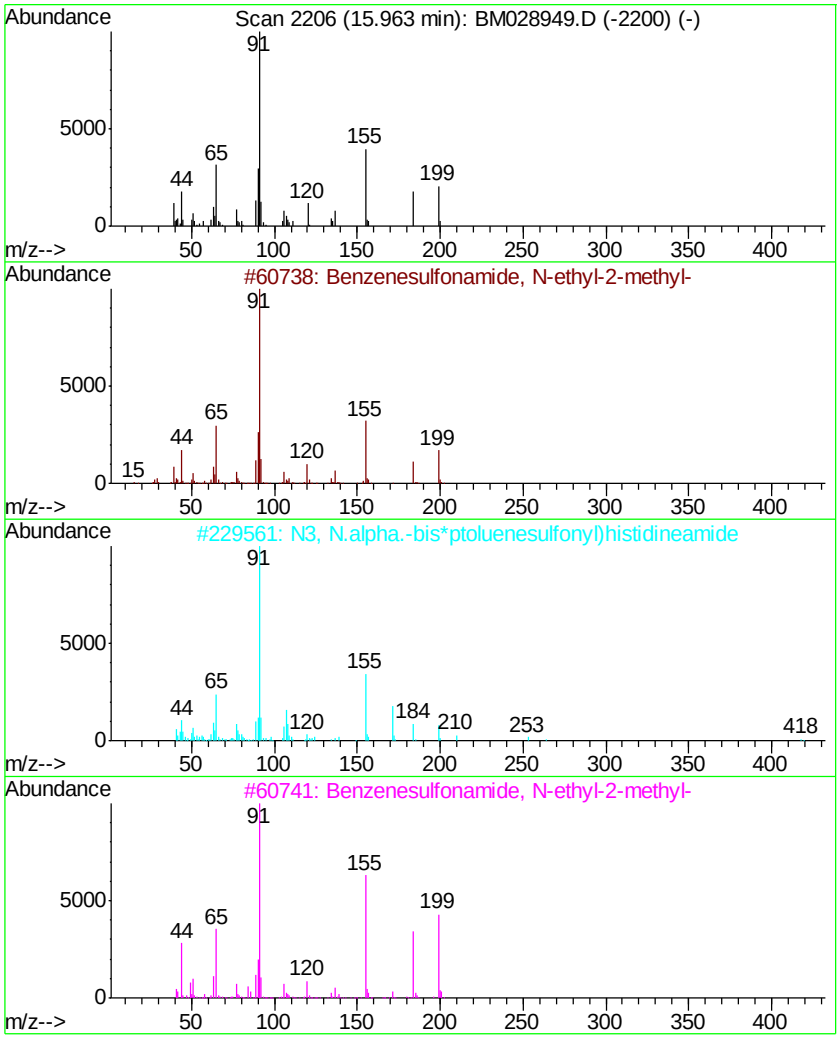
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

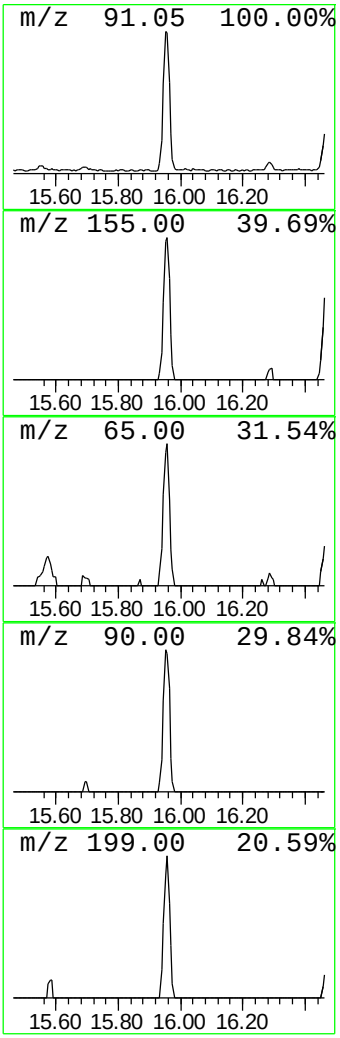
****

Peak Number 3 Benzenesulfonamide, N-ethyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	6.18 ng/ul	56139	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	99
2	N3, N.alpha.-bis*ptoluenesulfony...	462	C20H22N4O5S2	1000130-21-9	59
3	Benzenesulfonamide, N-ethyl-2-me...	199	C9H13NO2S	001077-56-1	52
4	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	47
5	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028949.D
Acq On : 27 Feb 2021 09:54
Operator : CG/JU
Sample : M1498-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

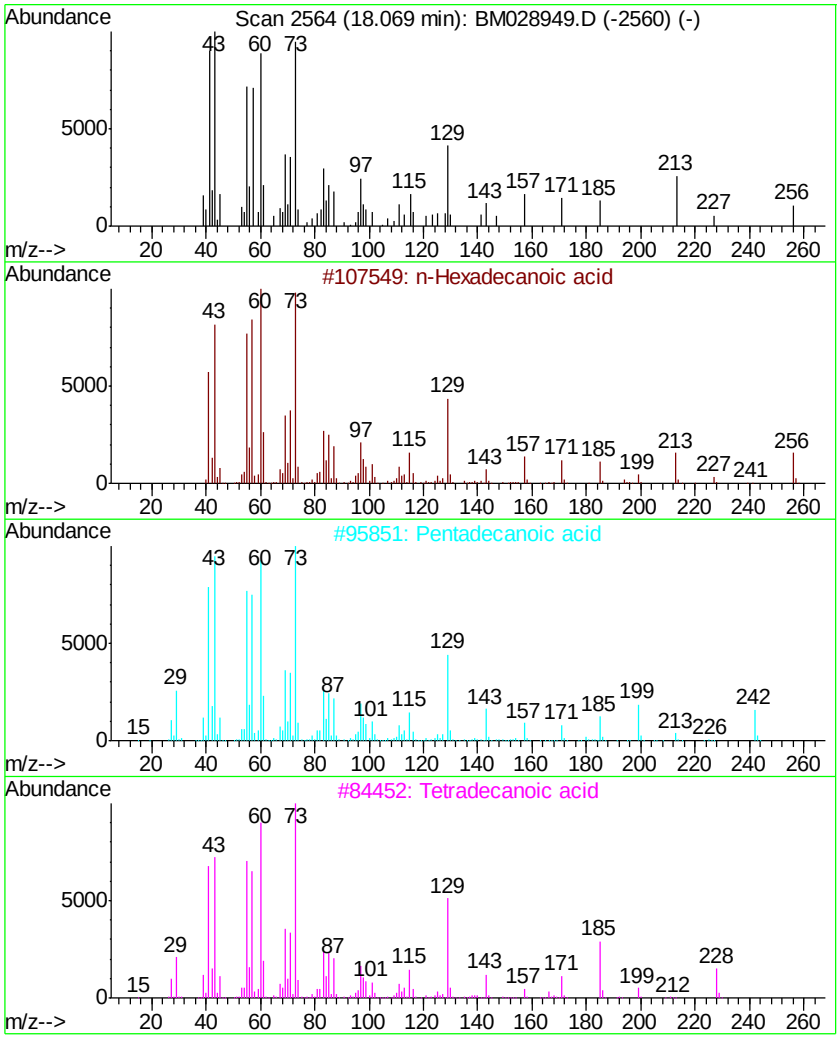
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

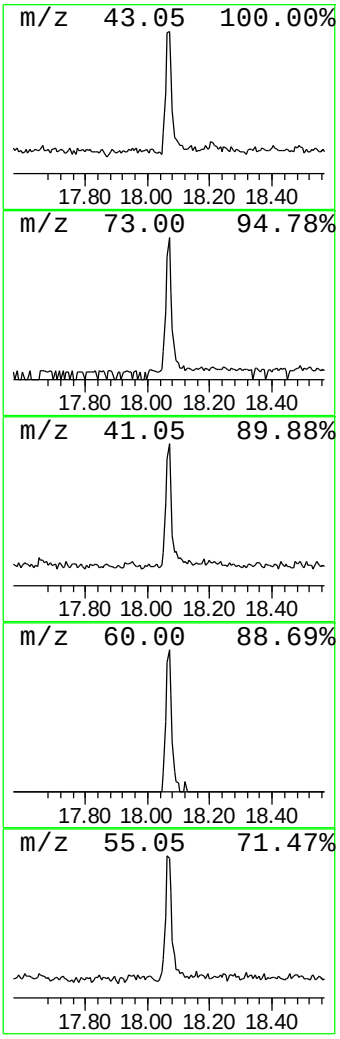
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	4.99 ng/ul	45366	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028949.D
Acq On : 27 Feb 2021 09:54
Operator : CG/JU
Sample : M1498-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

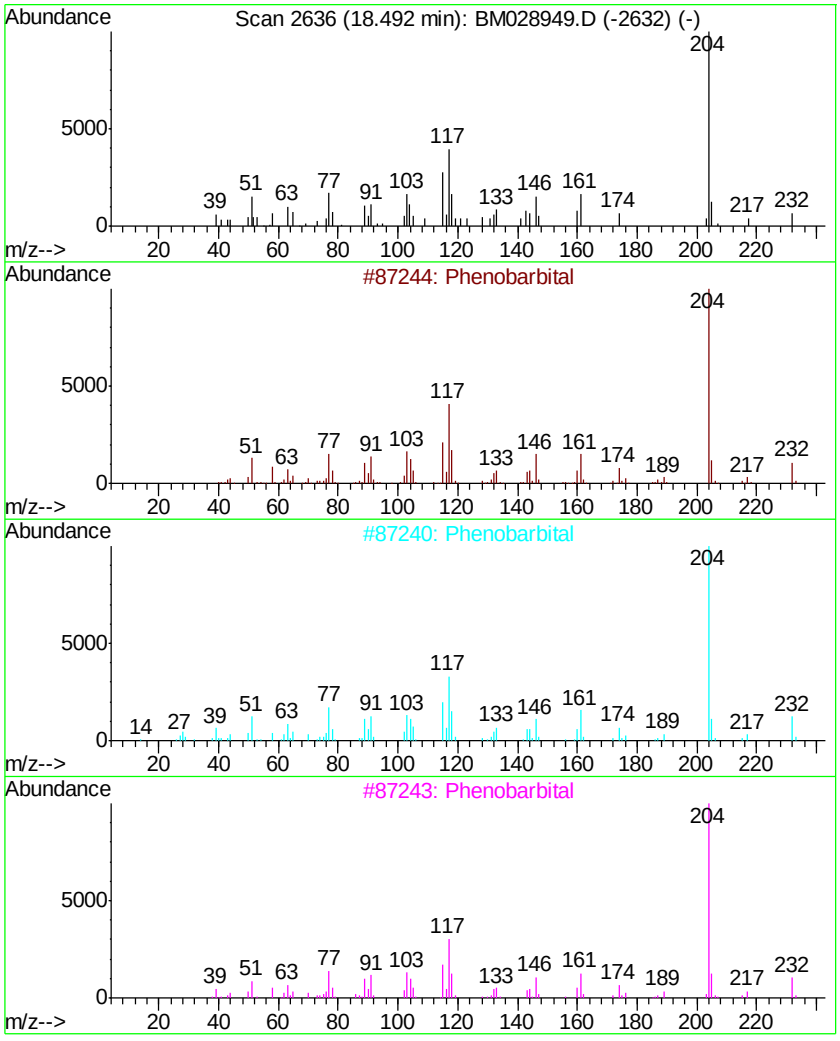
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

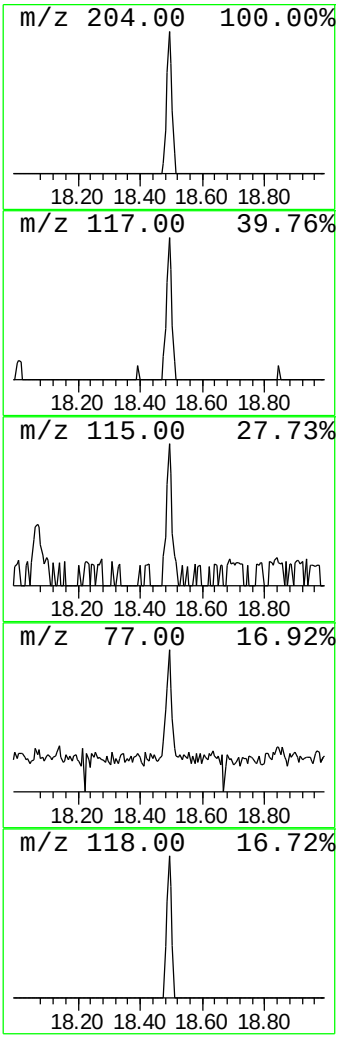
****

Peak Number 5 Phenobarbital Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	2.57 ng/ul	23385	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenobarbital	232	C12H12N2O3	000050-06-6	97
2	Phenobarbital	232	C12H12N2O3	000050-06-6	96
3	Phenobarbital	232	C12H12N2O3	000050-06-6	96
4	Phenobarbital	232	C12H12N2O3	000050-06-6	95
5	Phenobarbital	232	C12H12N2O3	000050-06-6	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028949.D
Acq On : 27 Feb 2021 09:54
Operator : CG/JU
Sample : M1498-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

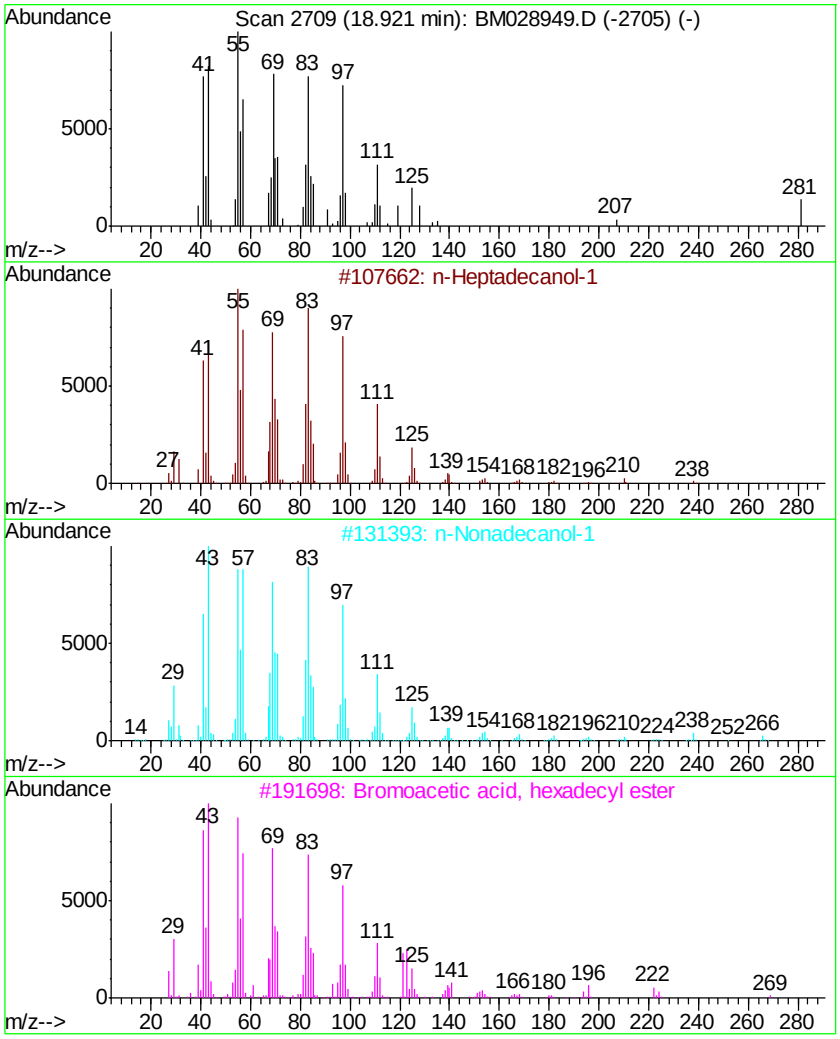
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

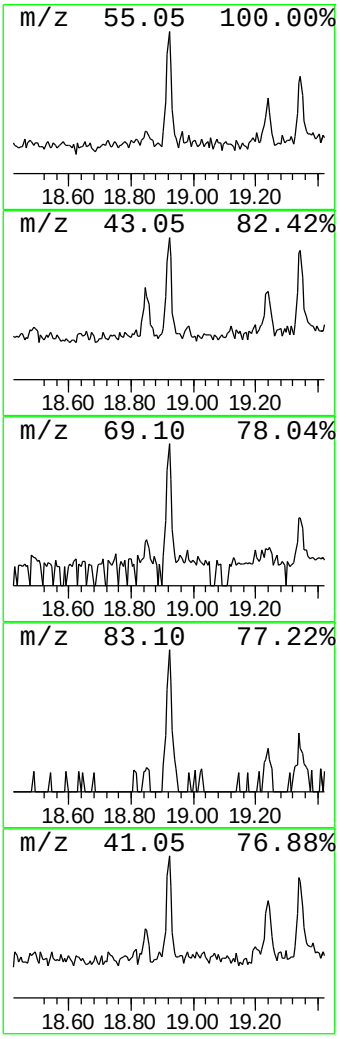
****

Peak Number 6 n-Heptadecanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	2.05 ng/ul	18628	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	93
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028949.D
Acq On : 27 Feb 2021 09:54
Operator : CG/JU
Sample : M1498-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION

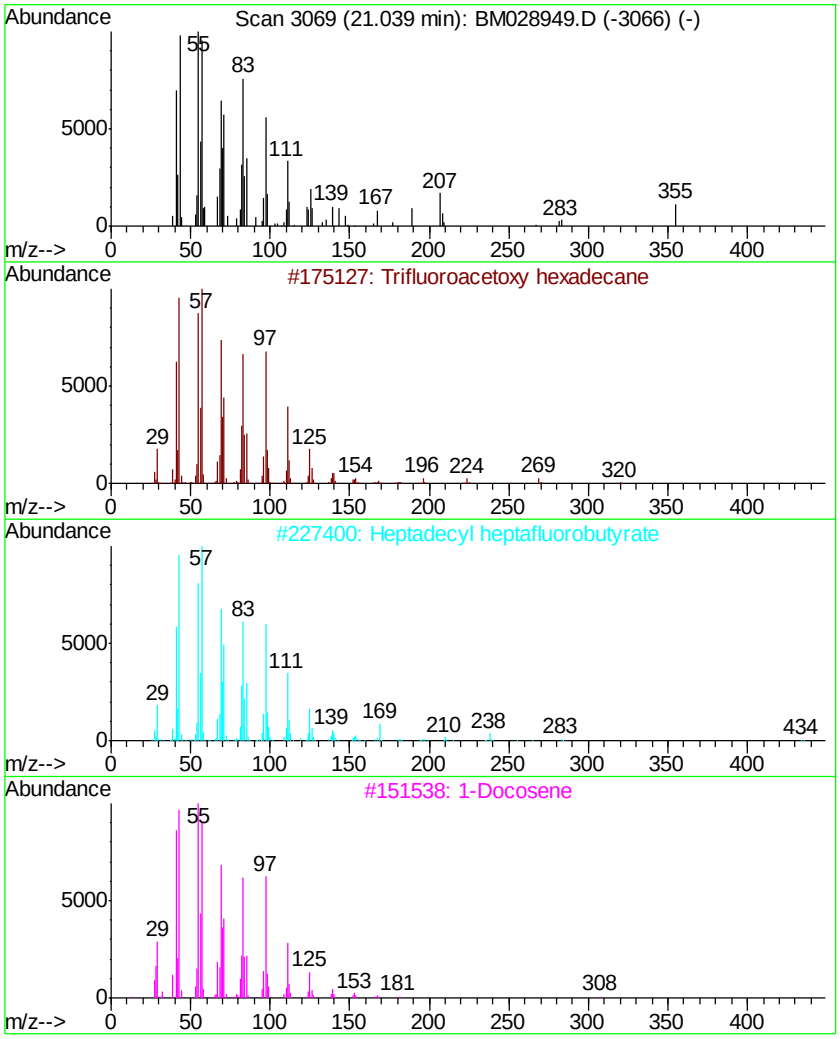
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

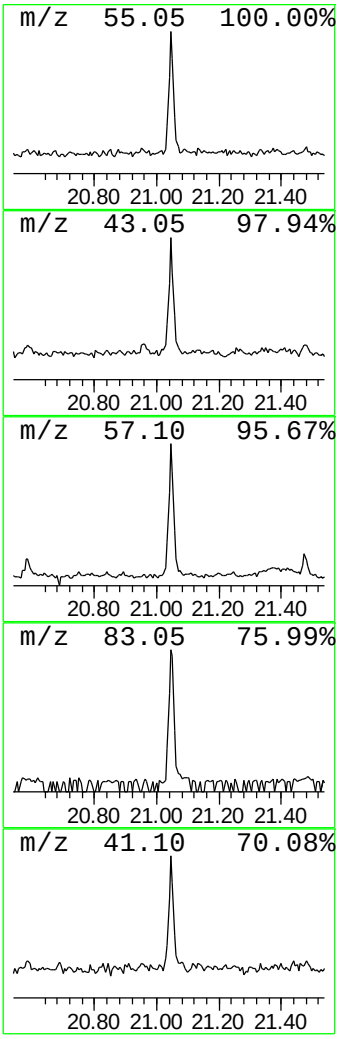
****

Peak Number 7 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	4.56 ng/ul	37245	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022721\
Data File : BM028949.D
Acq On : 27 Feb 2021 09:54
Operator : CG/JU
Sample : M1498-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8H1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.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
unknown-01	10.11	2.4	ng/ul	14757	2	10.57	122732	20.0
2,4,7,9-Tetrameth...	13.32	8.3	ng/ul	70528	3	14.43	170059	20.0
Benzenesulfonamid...	15.96	6.2	ng/ul	56139	4	17.17	181815	20.0
n-Hexadecanoic acid	18.07	5.0	ng/ul	45366	4	17.17	181815	20.0
Phenobarbital	18.49	2.6	ng/ul	23385	4	17.17	181815	20.0
n-Heptadecanol-1	18.92	2.0	ng/ul	18628	4	17.17	181815	20.0
Trifluoroacetoxy ...	21.04	4.6	ng/ul	37245	5	21.34	163199	20.0