LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070519\
Data File : BM021391.D
Acq On : 05 Jul 2019 11:35
Operator : HP/JU
Sample : K3675-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF2

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-BM061419MA.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	4.899	323	325	333	rVB	45458	69499	1.22%	0.104%
2	6.922	663	669	679	rVB	935213	1542743	27.11%	2.318%
3	7.087	691	697	715	rVB	692517	1093634	19.22%	1.643%
4	7.281	723	730	742	rVB	955669	1542295	27.11%	2.318%
5	7.746	802	809	815	rBV	665227	1069056	18.79%	1.606%
6	7.805	815	819	825	rVB	28854	48163	0.85%	0.072%
7	8.452	923	929	939	rBV	1259966	1992396	35.02%	2.994%
8	8.905	999	1006	1016	rBV	935029	1587596	27.90%	2.386%
9	9.057	1028	1032	1037	rVB4	12346	18302	0.32%	0.028%
10	9.263	1062	1067	1072	rVB	24315	38843	0.68%	0.058%
11	9.622	1120	1128	1144	rVB	852319	1410082	24.78%	2.119%
12	9.863	1165	1169	1172	rBV4	4596	7824	0.14%	0.012%
13	10.157	1212	1219	1231	rBV	1386137	2337274	41.08%	3.512%
14	10.387	1255	1258	1261	rVB4	5399	6012	0.11%	0.009%
15	10.528	1274	1282	1290	rBV	1048982	1742777	30.63%	2.619%
16	10.681	1300	1308	1327	rBV	1183551	2183887	38.38%	3.282%
17	10.999	1356	1362	1368	rVB3	6649	11311	0.20%	0.017%
18	11.081	1371	1376	1379	rVB4	6761	9524	0.17%	0.014%
19	11.322	1408	1417	1424	rBV7	7375	18811	0.33%	0.028%
20	11.757	1486	1491	1495	rVB4	5080	6467	0.11%	0.010%
21	12.122	1548	1553	1561	rVB2	20576	33504	0.59%	0.050%
22	12.381	1593	1597	1600	rVB	5386	7503	0.13%	0.011%
23	12.675	1643	1647	1651	rBV3	10272	12792	0.22%	0.019%
24	12.845	1670	1676	1677	rBV3	4256	5804	0.10%	0.009%
25	12.981	1694	1699	1703	rVB4	5210	7932	0.14%	0.012%
26	13.145	1724	1727	1731	rBV2	6643	8590	0.15%	0.013%
27	13.187	1731	1734	1739	rVB3	6589	8596	0.15%	0.013%
28	13.275	1742	1749	1756	rBV3	104313	194960	3.43%	0.293%
29	13.710	1817	1823	1827	rVB5	4420	6614	0.12%	0.010%
30	13.798	1830	1838	1843	rBV	2498004	3506148	61.62%	5.269%
31	13.845	1843	1846	1854	rVB	625420	831285	14.61%	1.249%
32	14.028	1871	1877	1880	rBV	116325	156970	2.76%	0.236%
33	14.081	1880	1886	1893	rVV	3001794	4402668	77.38%	6.616%
34	14.128	1893	1894	1901	rVB4	12566	19476	0.34%	0.029%

LSC Area Percent Report

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Data File : BM021391.D
Acq On : 05 Jul 2019 11:35
Operator : HP/JU
Sample : K3675-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF2

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-BM061419MA.M
Title : SVOA CALIBRATION

35	14.275	1913	1919	1922	rBV5	8180	12771	0.22%	0.019%
36	14.387	1927	1938	1948	rVV2	1691939	2616597	45.99%	3.932%
37	14.457	1948	1950	1957	rVB3	4954	7688	0.14%	0.012%
38	14.616	1969	1977	1991	rBV	601796	1169402	20.55%	1.757%
39	14.739	1994	1998	2005	rVV6	14341	32718	0.58%	0.049%
40	14.810	2005	2010	2011	rVV5	8615	15020	0.26%	0.023%
41	14.828	2011	2013	2018	rVB5	11032	12457	0.22%	0.019%
42	14.904	2022	2026	2033	rVB4	9407	15532	0.27%	0.023%
43	15.086	2050	2057	2062	rBV2	31904	49542	0.87%	0.074%
44	15.175	2068	2072	2074	rBV3	7035	9295	0.16%	0.014%
45	15.222	2076	2080	2086	rVB2	20671	30545	0.54%	0.046%
46	15.381	2101	2107	2121	rVB	3866023	5481325	96.34%	8.237%
47	15.516	2124	2130	2143	rVV	804959	1148811	20.19%	1.726%
48	15.622	2143	2148	2153	rVV	43726	63534	1.12%	0.095%
49	15.675	2153	2157	2160	rVB3	7755	9733	0.17%	0.015%
50	15.751	2164	2170	2180	rBV	640780	834271	14.66%	1.254%
51	15.957	2195	2205	2207	rBV7	5627	12747	0.22%	0.019%
52	16.045	2215	2220	2224	rBV4	9803	14996	0.26%	0.023%
53	16.092	2224	2228	2234	rVV5	11269	19382	0.34%	0.029%
54	16.169	2237	2241	2246	rVB3	13094	20496	0.36%	0.031%
55	16.269	2252	2258	2262	rBV5	8947	19889	0.35%	0.030%
56	16.333	2267	2269	2274	rVV3	5503	8611	0.15%	0.013%
57	16.398	2277	2280	2284	rBV6	5985	8763	0.15%	0.013%
58	16.504	2293	2298	2302	rBV5	6129	14404	0.25%	0.022%
59	16.539	2302	2304	2308	rVB5	5912	7966	0.14%	0.012%
60	16.816	2347	2351	2355	rBV6	5861	8936	0.16%	0.013%
61	16.880	2358	2362	2365	rVV5	10796	15085	0.27%	0.023%
62	16.922	2365	2369	2379	rVB4	12070	31647	0.56%	0.048%
63	17.139	2399	2406	2412	rBV	2196648	3073877	54.02%	4.619%
64	17.239	2416	2423	2432	rVV	3820522	5492378	96.53%	8.253%
65	17.416	2449	2453	2458	rBV4	6455	10164	0.18%	0.015%
66	17.527	2467	2472	2478	rBV7	19415	40158	0.71%	0.060%
67	17.616	2485	2487	2490	rBV4	6144	7594	0.13%	0.011%
68	17.798	2513	2518	2523	rBV	358528	451512	7.94%	0.678%
69	17.898	2532	2535	2538	rBV5	8517	11081	0.19%	0.017%
70	18.027	2552	2557	2566	rBV	206340	315718	5.55%	0.474%
71	18.104	2566	2570	2574	rVB	33402	45697	0.80%	0.069%

LSC Area Percent Report

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Sample : K3675-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF2

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Title : SVOA CALIBRATION

72	18.280	2598	2600	2603	rVV2	19861	18247	0.32%	0.027%
73	18.322	2603	2607	2612	rVB3	20222	26230	0.46%	0.039%
74	18.498	2634	2637	2640	rBV5	6730	8502	0.15%	0.013%
75	18.563	2645	2648	2651	rBV5	7453	12416	0.22%	0.019%
76	18.892	2699	2704	2711	rBV	268679	496370	8.72%	0.746%
77	19.169	2747	2751	2754	rBV	43799	69068	1.21%	0.104%
78	19.210	2754	2758	2762	rVV	83075	105588	1.86%	0.159%
79	19.239	2762	2763	2769	rVB4	9634	10529	0.19%	0.016%
80	19.310	2771	2775	2781	rVV3	42200	61545	1.08%	0.092%
81	19.421	2790	2794	2796	rBV	38005	51791	0.91%	0.078%
82	19.457	2796	2800	2806	rVB	171350	197166	3.47%	0.296%
83	19.533	2807	2813	2823	rVV	4332807	5689815	100.00%	8.550%
84	20.063	2897	2903	2909	rBV5	62719	123097	2.16%	0.185%
85	20.504	2974	2978	2983	rBV	155598	171375	3.01%	0.258%
86	20.563	2985	2988	2991	rVB2	49132	59461	1.05%	0.089%
87	21.033	3064	3068	3076	rBV3	386094	699803	12.30%	1.052%
88	21.104	3077	3080	3085	rVB	87474	108222	1.90%	0.163%
89	21.321	3112	3117	3129	rBV	2071061	2748413	48.30%	4.130%
90	21.457	3138	3140	3144	rVB2	69038	72667	1.28%	0.109%
91	21.510	3146	3149	3153	rVB	87603	95380	1.68%	0.143%
92	22.498	3313	3317	3324	rVB	281834	378227	6.65%	0.568%
93	23.445	3471	3478	3490	rBV	3073061	5434160	95.51%	8.166%
94	23.592	3496	3503	3516	rVB2	1463929	2828893	49.72%	4.251%

Sum of corrected areas: 66546645

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070519\
Data File : BM021391.D
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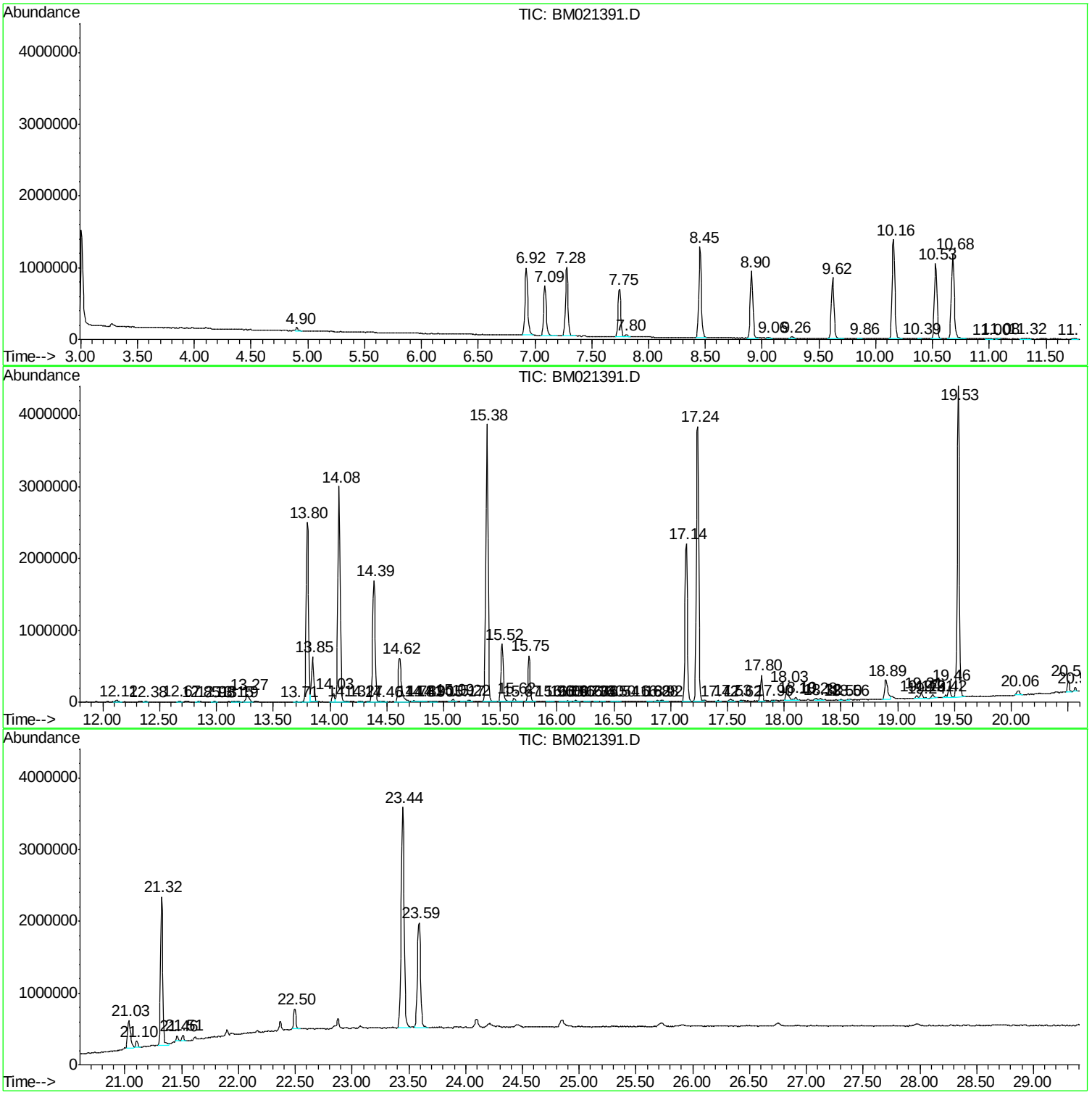
Operator : HP/JU
Sample : K3675-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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\BM070519\
Data File : BM021391.D
Acq On : 05 Jul 2019 11:35
Operator : HP/JU
Sample : K3675-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

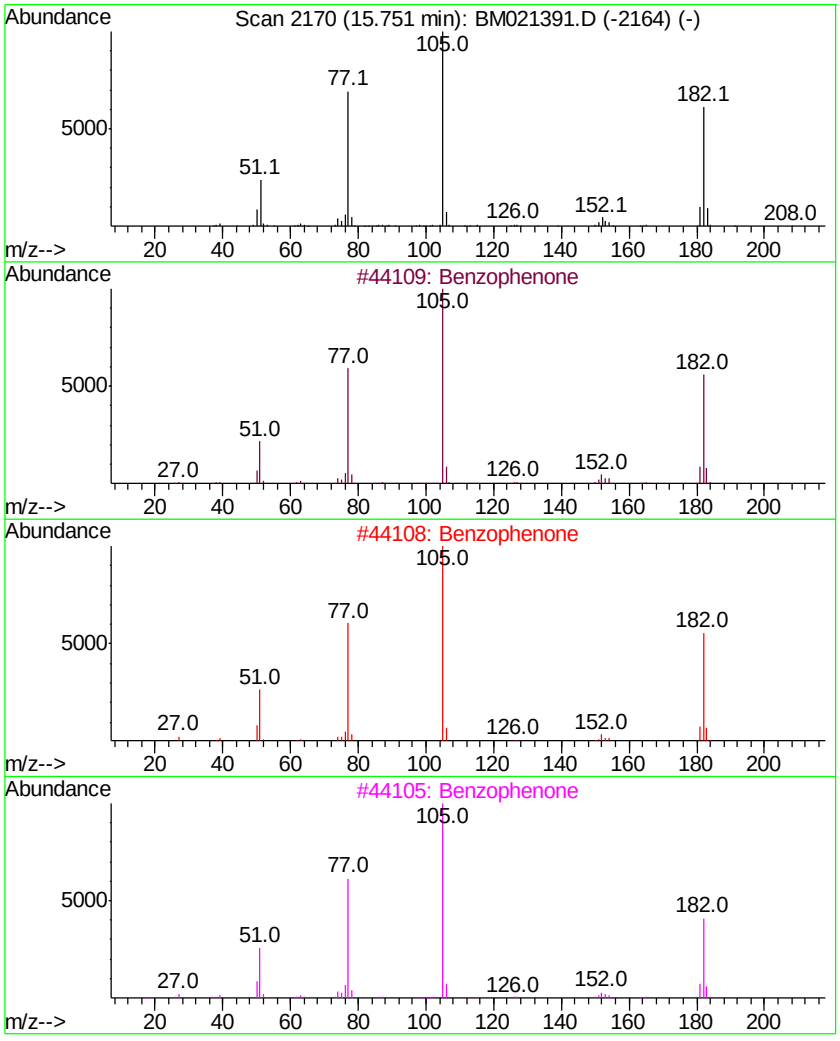
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

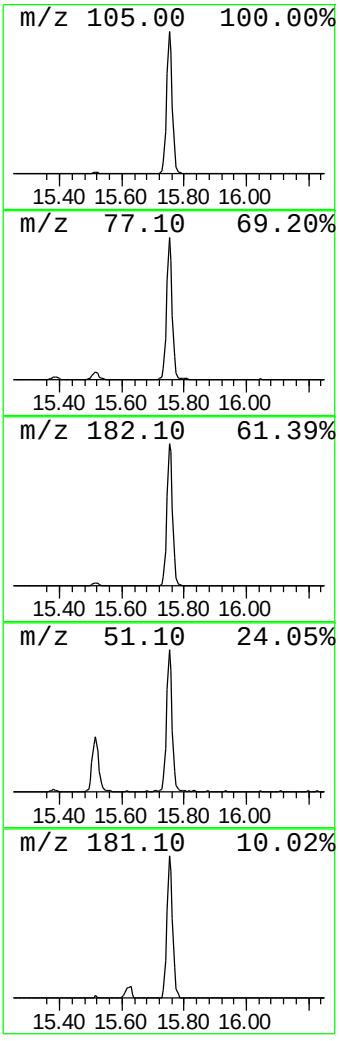
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	6.38 ng/ul	834271	Acenaphthene-d10	14.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070519\
Data File : BM021391.D
Acq On : 05 Jul 2019 11:35
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Sample : K3675-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

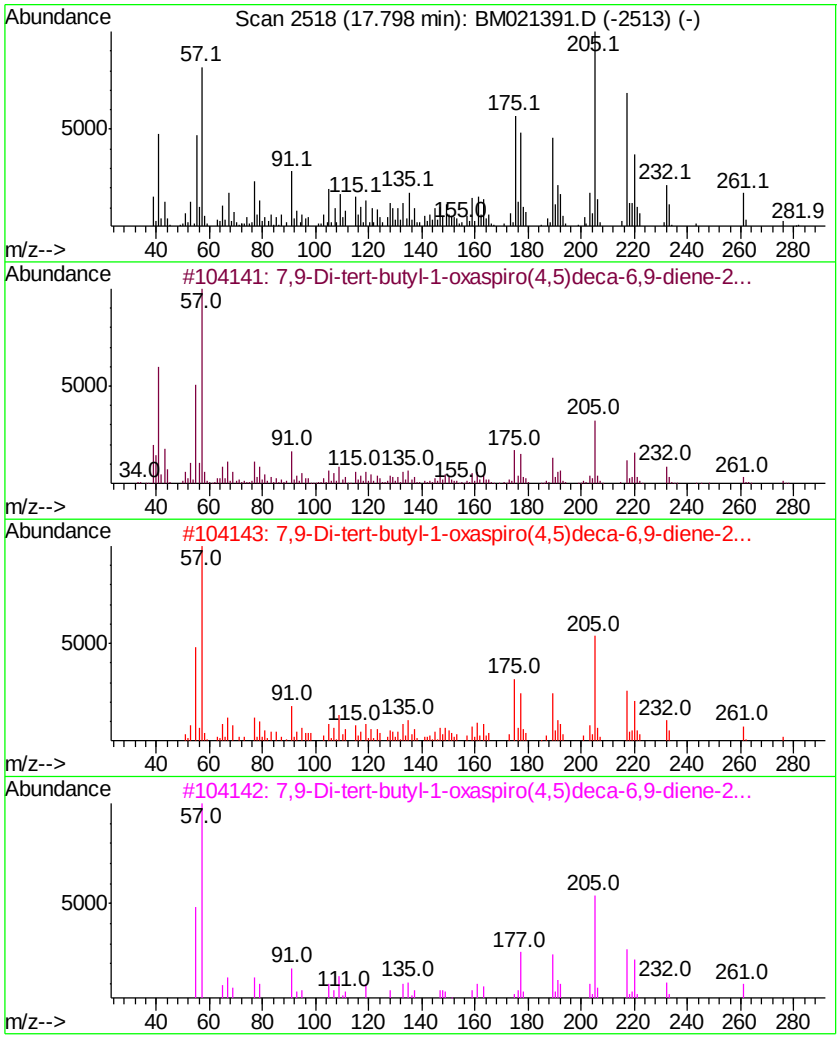
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

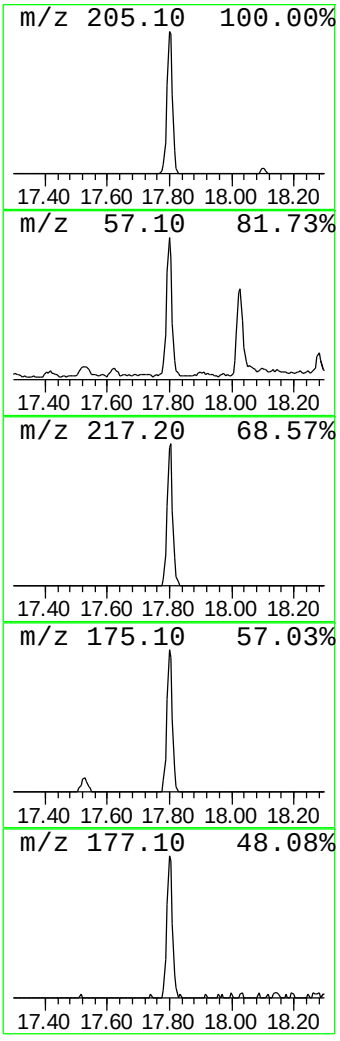
****

Peak Number 2 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	2.94 ng/ul	451512	Phenanthrene-d10	17.14

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	96
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	86
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	51





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070519\
Data File : BM021391.D
Acq On : 05 Jul 2019 11:35
Operator : HP/JU
Sample : K3675-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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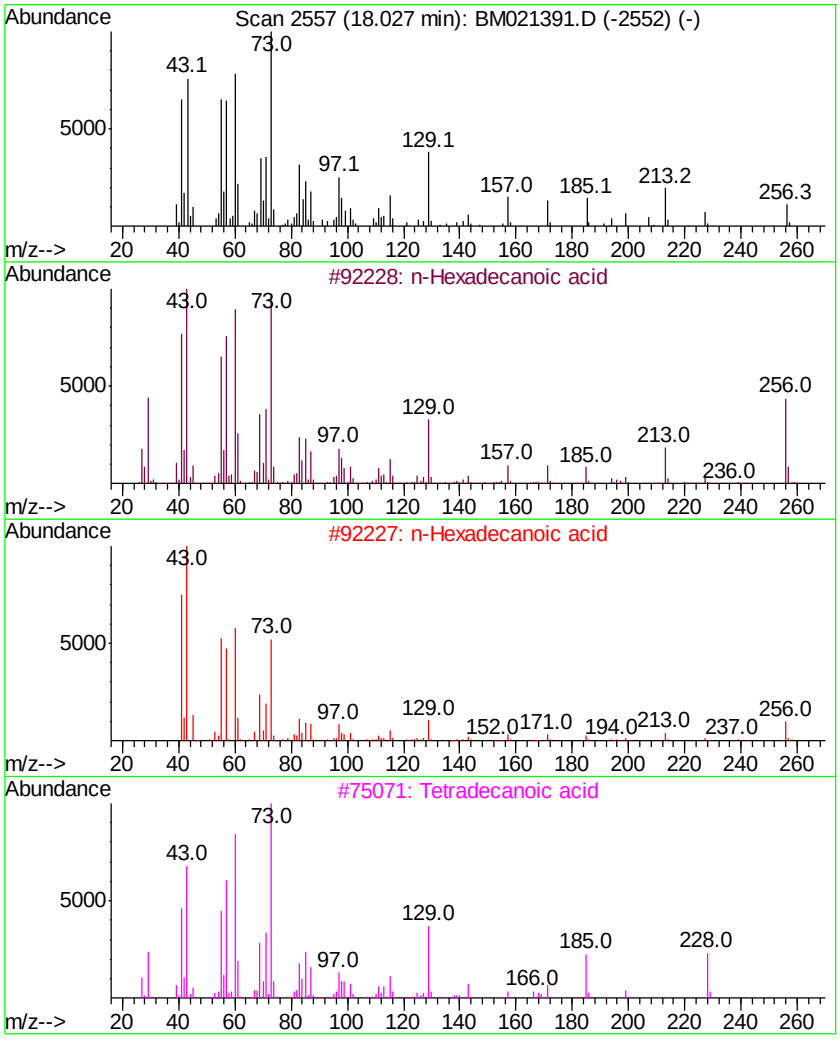
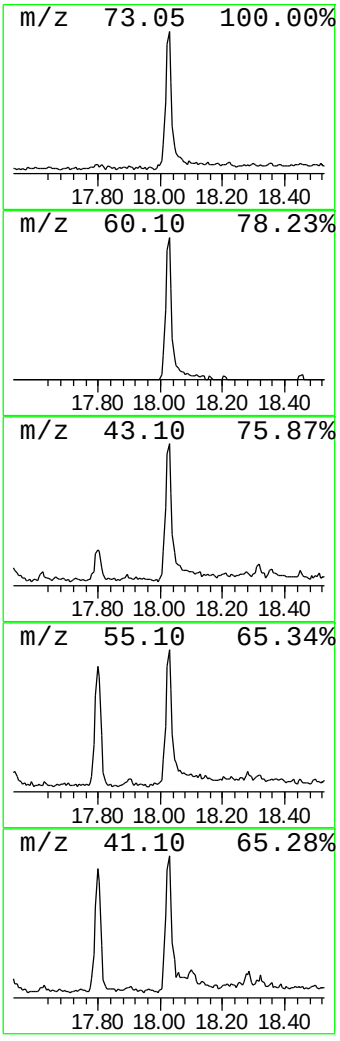
Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.05 ng/ul	315718	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070519\
Data File : BM021391.D
Acq On : 05 Jul 2019 11:35
Operator : HP/JU
Sample : K3675-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

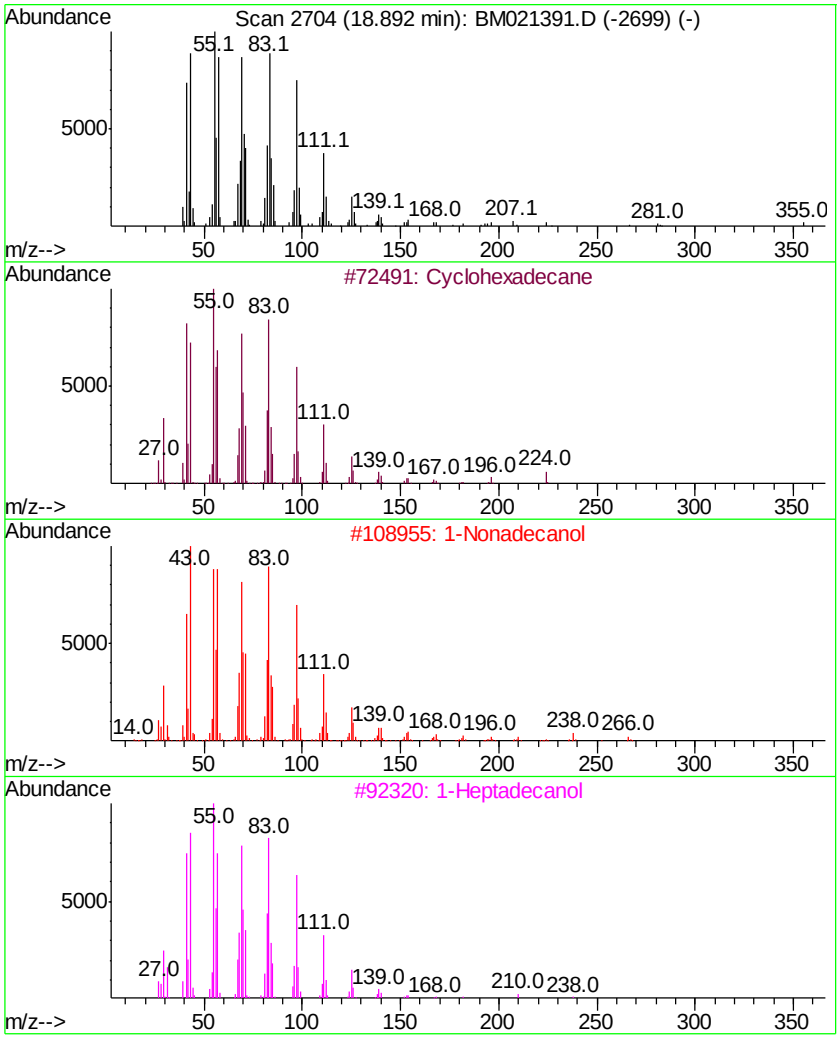
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

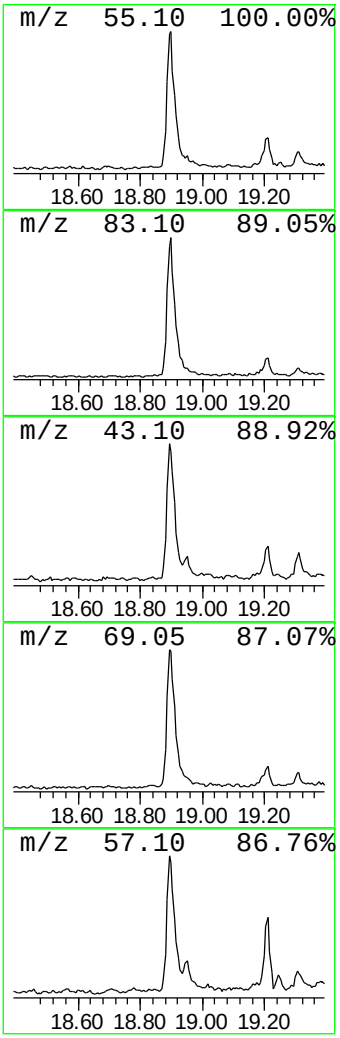
****

Peak Number 4 (DEL) Alkane: Cyclic18.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	3.23 ng/ul	496370	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Nonadecanol	284	C19H40O	001454-84-8	95
3	1-Heptadecanol	256	C17H36O	001454-85-9	95
4	1-Octadecanol	270	C18H38O	000112-92-5	94
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070519\
Data File : BM021391.D
Acq On : 05 Jul 2019 11:35
Operator : HP/JU
Sample : K3675-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

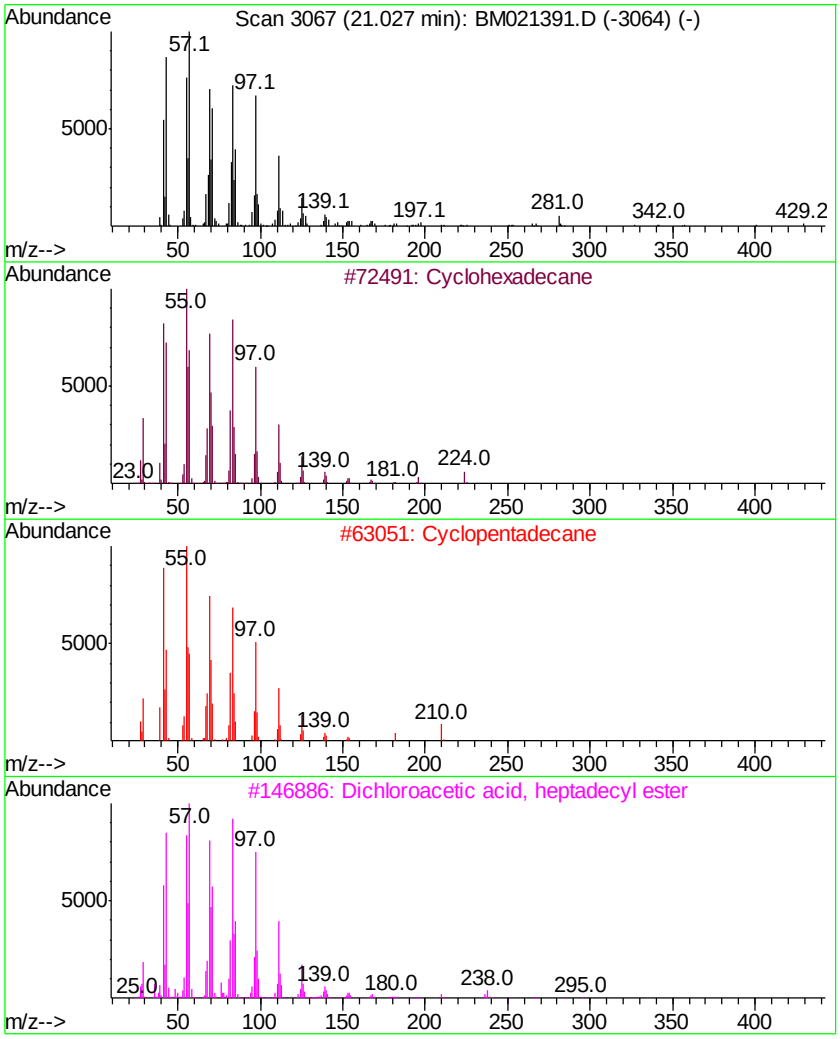
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

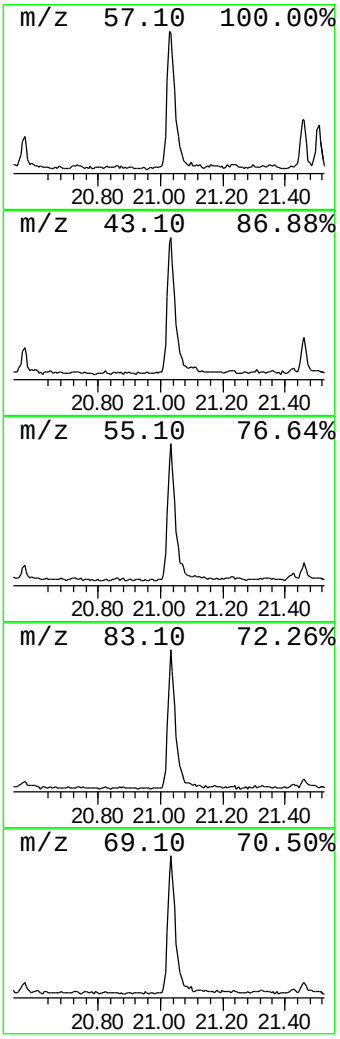
****

Peak Number 5 (DEL) Alkane: Cyclic21.03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	5.09 ng/ul	699803	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
4	1-Hexadecene	224	C16H32	000629-73-2	93
5	1-Octadecene	252	C18H36	000112-88-9	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070519\
Data File : BM021391.D
Acq On : 05 Jul 2019 11:35
Operator : HP/JU
Sample : K3675-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

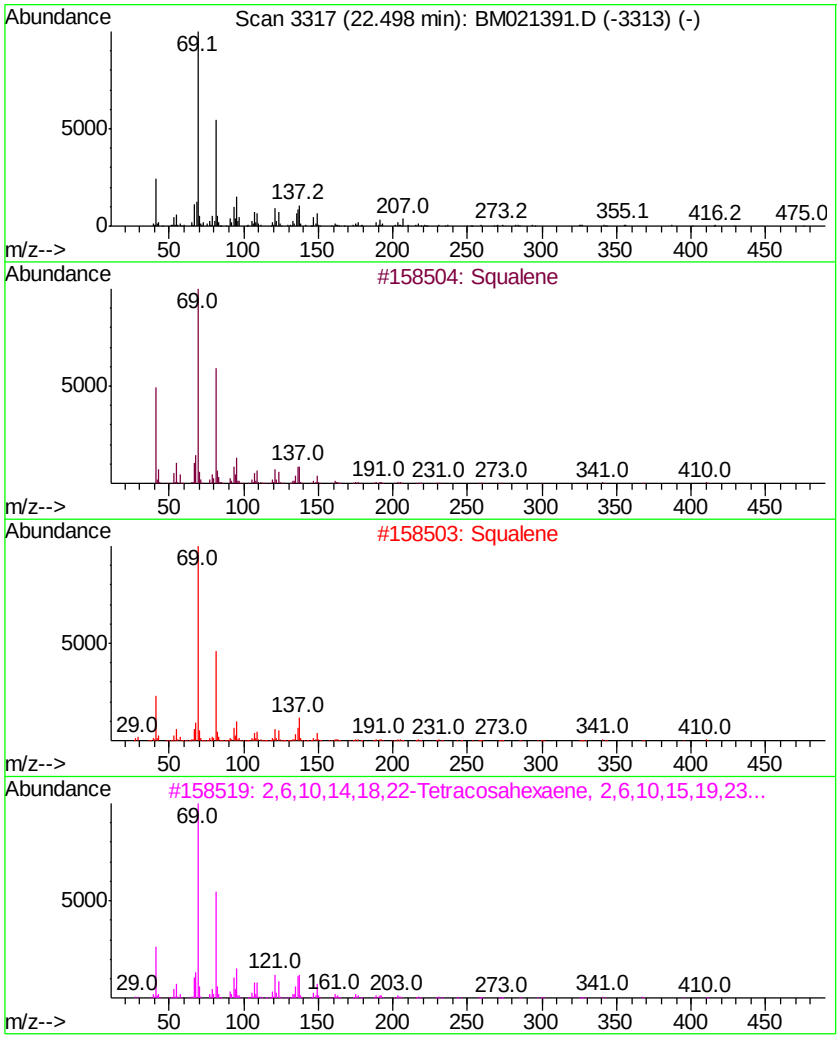
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

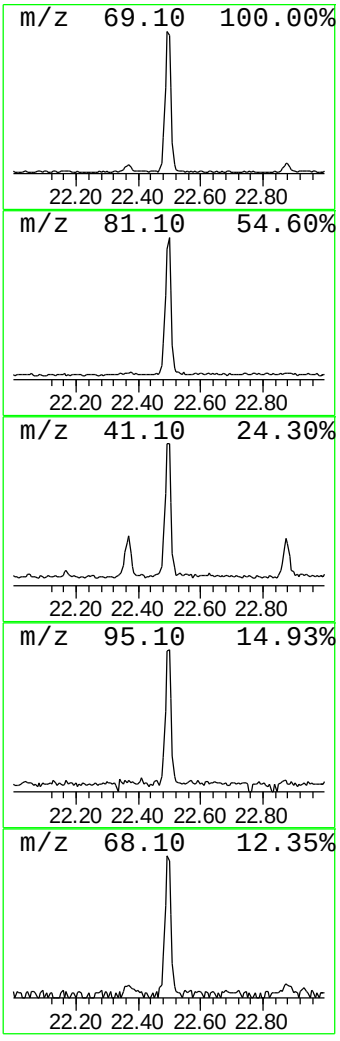
****

Peak Number 6 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	2.67 ng/ul	378227	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	90
2	Squalene	410	C30H50	007683-64-9	87
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	83
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070519\
Data File : BM021391.D
Acq On : 05 Jul 2019 11:35
Operator : HP/JU
Sample : K3675-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AF2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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
Benzophenone	15.75	6.4	ng/ul	834271	3	14.39	2616600	20.0
7,9-Di-tert-butyl...	17.80	2.9	ng/ul	451512	4	17.14	3073880	20.0
n-Hexadecanoic acid	18.03	2.0	ng/ul	315718	4	17.14	3073880	20.0
(DEL) Alkane: Cyc...	18.89	3.2	ng/ul	496370	4	17.14	3073880	20.0
(DEL) Alkane: Cyc...	21.03	5.1	ng/ul	699803	5	21.32	2748410	20.0
Squalene	22.50	2.7	ng/ul	378227	6	23.59	2828890	20.0