LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026946.D
Acq On : 30 Jul 2020 19:13
Operator : JU/CG
Sample : L3487-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L03

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-BM072720MA.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	2.902	23	28	36	rBV	229339	383229	20.17%	2.040%
2	2.978	37	41	56	rVB	765993	890498	46.87%	4.740%
3	3.219	79	82	90	rVB	19377	24945	1.31%	0.133%
4	3.307	95	97	100	rBV3	1657	2075	0.11%	0.011%
5	3.854	186	190	195	rVB2	6337	8353	0.44%	0.044%
6	3.937	201	204	209	rVB3	6126	7759	0.41%	0.041%
7	4.284	260	263	267	rBV4	4791	5831	0.31%	0.031%
8	4.431	283	288	292	rBV3	5335	6827	0.36%	0.036%
9	4.613	315	319	320	rBV3	2161	2505	0.13%	0.013%
10	5.254	423	428	431	rBV3	1591	2348	0.12%	0.012%
11	5.631	488	492	499	rVB2	5111	7876	0.41%	0.042%
12	5.737	507	510	517	rBV6	3037	4978	0.26%	0.026%
13	6.837	687	697	709	rVB	70328	121735	6.41%	0.648%
14	7.001	718	725	738	rVB	208659	321234	16.91%	1.710%
15	7.201	752	759	771	rBV	250995	386115	20.32%	2.055%
16	7.295	771	775	779	rBV4	2551	4368	0.23%	0.023%
17	7.666	832	838	845	rBV	285877	445573	23.45%	2.372%
18	7.742	847	851	857	rVB2	6670	9223	0.49%	0.049%
19	8.272	938	941	943	rBV3	2333	2463	0.13%	0.013%
20	8.360	946	956	969	rBV	181460	289386	15.23%	1.540%
21	8.472	969	975	981	rVB3	2658	4413	0.23%	0.023%
22	8.754	1018	1023	1025	rBV	8146	10640	0.56%	0.057%
23	8.801	1025	1031	1043	rVB	277772	455978	24.00%	2.427%
24	8.989	1059	1063	1070	rVB3	5136	5754	0.30%	0.031%
25	9.525	1146	1154	1161	rBV	210245	328901	17.31%	1.751%
26	9.866	1208	1212	1217	rVB3	1352	2046	0.11%	0.011%
27	10.060	1238	1245	1252	rBV	350958	551797	29.05%	2.937%
28	10.436	1300	1309	1316	rBV	344637	568197	29.91%	3.025%
29	10.495	1318	1319	1325	rVV4	2305	2716	0.14%	0.014%
30	10.566	1326	1331	1338	rVB	27233	43753	2.30%	0.233%
31	11.719	1522	1527	1532	rBV2	18438	25881	1.36%	0.138%
32	12.036	1576	1581	1584	rBV3	4489	6254	0.33%	0.033%
33	12.595	1673	1676	1679	rBV3	3584	4433	0.23%	0.024%
34	12.666	1684	1688	1690	rBV4	1989	2438	0.13%	0.013%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026946.D
Acq On : 30 Jul 2020 19:13
Operator : JU/CG
Sample : L3487-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L03

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-BM072720MA.M
Title : SVOA CALIBRATION

35	12.919	1726	1731	1735	rBV2	5551	8104	0.43%	0.043%
36	13.142	1765	1769	1776	rVB5	3845	5506	0.29%	0.029%
37	13.207	1776	1780	1785	rBV2	9033	12540	0.66%	0.067%
38	13.707	1859	1865	1870	rBV	619908	842487	44.35%	4.485%
39	13.754	1870	1873	1879	rVV	52711	72457	3.81%	0.386%
40	13.983	1903	1912	1920	rBV	657274	972527	51.19%	5.177%
41	14.295	1959	1965	1974	rBV	510528	800361	42.13%	4.260%
42	14.389	1977	1981	1986	rVB	9043	11205	0.59%	0.060%
43	14.483	1991	1997	2003	rBV	66501	95135	5.01%	0.506%
44	14.901	2065	2068	2074	rVB4	2529	3527	0.19%	0.019%
45	14.983	2077	2082	2087	rVV2	6290	10020	0.53%	0.053%
46	15.048	2087	2093	2101	rVV4	4858	9204	0.48%	0.049%
47	15.130	2101	2107	2111	rVV2	4628	6094	0.32%	0.032%
48	15.289	2128	2134	2142	rBV	881974	1217780	64.10%	6.482%
49	15.401	2147	2153	2164	rVB	230231	310855	16.36%	1.655%
50	15.530	2168	2175	2179	rVB2	9160	11743	0.62%	0.063%
51	15.583	2179	2184	2188	rBV4	1436	2617	0.14%	0.014%
52	15.660	2191	2197	2202	rVB4	2831	5560	0.29%	0.030%
53	16.071	2265	2267	2273	rVB3	2495	3003	0.16%	0.016%
54	16.207	2284	2290	2297	rBV6	2389	4444	0.23%	0.024%
55	16.312	2304	2308	2313	rBV3	8708	11051	0.58%	0.059%
56	16.471	2329	2335	2338	rBV5	3716	6080	0.32%	0.032%
57	16.536	2341	2346	2348	rVB5	1436	2257	0.12%	0.012%
58	16.654	2363	2366	2367	rBV2	2662	2568	0.14%	0.014%
59	16.842	2388	2398	2400	rBV5	3103	7301	0.38%	0.039%
60	17.036	2425	2431	2437	rBV	658057	876018	46.11%	4.663%
61	17.136	2441	2448	2459	rBV2	1072320	1490953	78.48%	7.936%
62	17.277	2471	2472	2476	rVB3	2932	2225	0.12%	0.012%
63	17.342	2481	2483	2487	rVV4	1758	2462	0.13%	0.013%
64	17.395	2490	2492	2495	rVV4	1528	2046	0.11%	0.011%
65	17.430	2496	2498	2502	rVB4	2292	2182	0.11%	0.012%
66	17.583	2519	2524	2525	rBV4	3040	3979	0.21%	0.021%
67	17.671	2536	2539	2543	rVB4	1826	2233	0.12%	0.012%
68	17.724	2543	2548	2553	rBV	189989	236743	12.46%	1.260%
69	17.865	2567	2572	2574	rBV5	3077	4474	0.24%	0.024%
70	17.959	2581	2588	2594	rBV	62689	91942	4.84%	0.489%
71	18.024	2597	2599	2604	rVV3	5889	9558	0.50%	0.051%

LSC Area Percent Report

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Data File : BM026946.D
Acq On : 30 Jul 2020 19:13
Operator : JU/CG
Sample : L3487-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L03

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-BM072720MA.M
Title : SVOA CALIBRATION

72	18.077	2604	2608	2612	rVB6	3152	5245	0.28%	0.028%
73	18.201	2627	2629	2633	rVB4	2128	2664	0.14%	0.014%
74	18.471	2671	2675	2680	rBV3	7259	10756	0.57%	0.057%
75	18.565	2687	2691	2696	rVB7	6568	9481	0.50%	0.050%
76	18.736	2714	2720	2725	rBV	51215	70709	3.72%	0.376%
77	18.824	2731	2735	2740	rVB2	11841	13418	0.71%	0.071%
78	18.895	2745	2747	2748	rBV2	4368	2728	0.14%	0.015%
79	19.071	2772	2777	2779	rBV2	8570	12680	0.67%	0.067%
80	19.142	2785	2789	2794	rVB5	7922	12096	0.64%	0.064%
81	19.242	2802	2806	2810	rBV3	23083	31739	1.67%	0.169%
82	19.318	2815	2819	2825	rVB2	14766	20146	1.06%	0.107%
83	19.371	2825	2828	2831	rBV4	5094	6622	0.35%	0.035%
84	19.430	2832	2838	2845	rVB	1345174	1769498	93.14%	9.419%
85	19.736	2887	2890	2893	rBV5	4626	5364	0.28%	0.029%
86	20.118	2953	2955	2958	rBV4	3866	4310	0.23%	0.023%
87	20.236	2973	2975	2978	rBV4	5307	4887	0.26%	0.026%
88	20.265	2978	2980	2983	rVV4	4719	5059	0.27%	0.027%
89	20.318	2986	2989	2993	rBV5	8232	10741	0.57%	0.057%
90	20.395	2999	3002	3005	rBV3	8069	9256	0.49%	0.049%
91	20.465	3011	3014	3020	rVB4	21489	26670	1.40%	0.142%
92	20.600	3033	3037	3043	rBV2	53703	94588	4.98%	0.503%
93	20.930	3089	3093	3095	rBV	35797	37509	1.97%	0.200%
94	20.965	3095	3099	3105	rVB	112777	134666	7.09%	0.717%
95	21.065	3112	3116	3125	rBV2	34846	55217	2.91%	0.294%
96	21.224	3138	3143	3150	rBV	850882	1058472	55.72%	5.634%
97	22.030	3277	3280	3286	rVB3	35034	47819	2.52%	0.255%
98	22.153	3297	3301	3311	rBV2	127222	208602	10.98%	1.110%
99	23.294	3488	3495	3504	rBV	1061963	1899743	100.00%	10.112%
100	23.436	3512	3519	3528	rVB	602467	1115754	58.73%	5.939%

Sum of corrected areas: 18786202

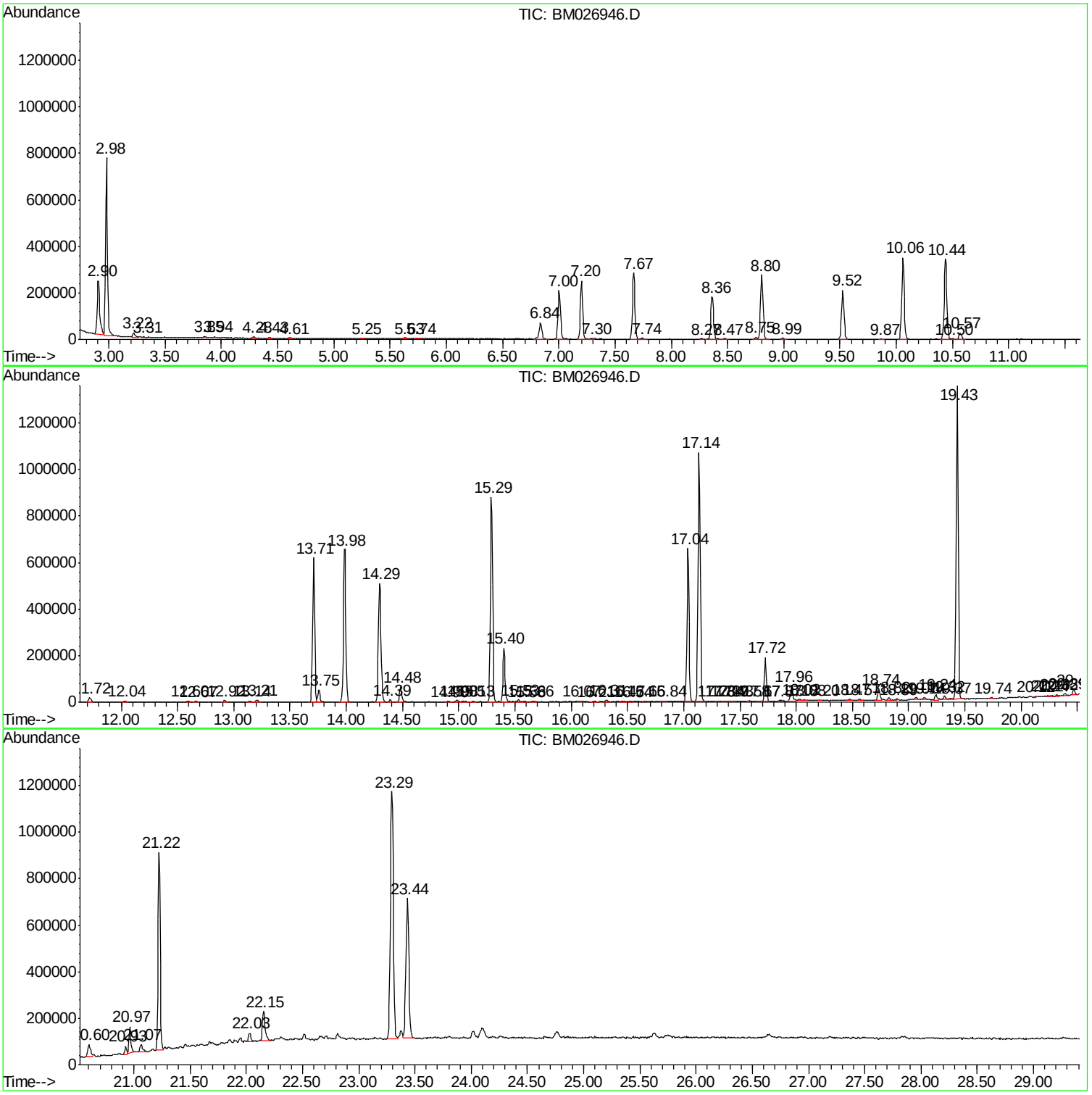
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026946.D
Acq On : 30 Jul 2020 19:13
Operator : JU/CG
Sample : L3487-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026946.D
Acq On : 30 Jul 2020 19:13
Operator : JU/CG
Sample : L3487-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

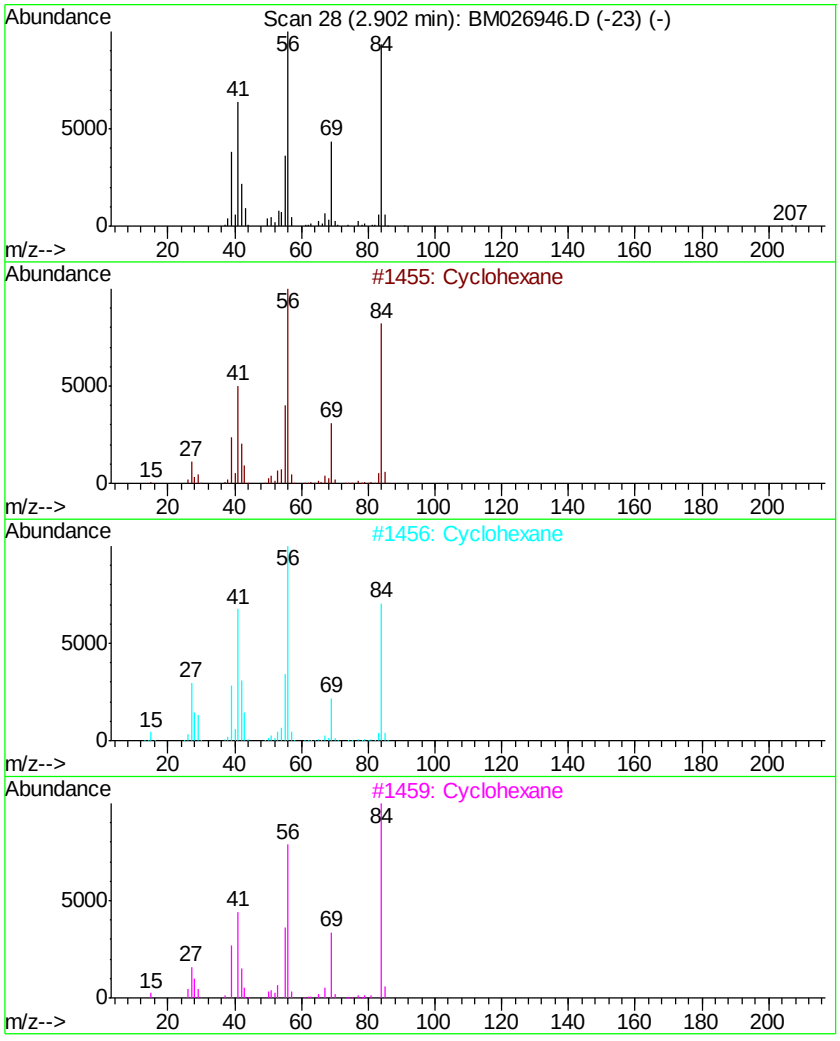
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

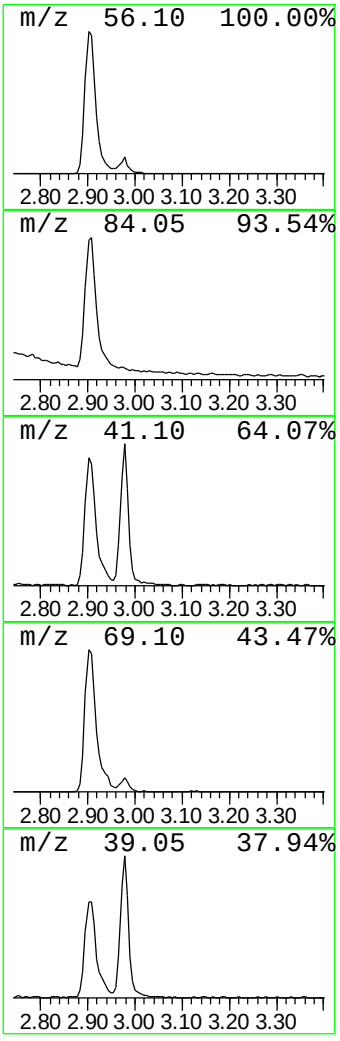
****

Peak Number 1 (DEL) Alkane: Cyclic2.90 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	17.20 ng/ul	383229	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	86
4	Cyclohexane	84	C6H12	000110-82-7	86
5	Cyclohexane	84	C6H12	000110-82-7	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026946.D
Acq On : 30 Jul 2020 19:13
Operator : JU/CG
Sample : L3487-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

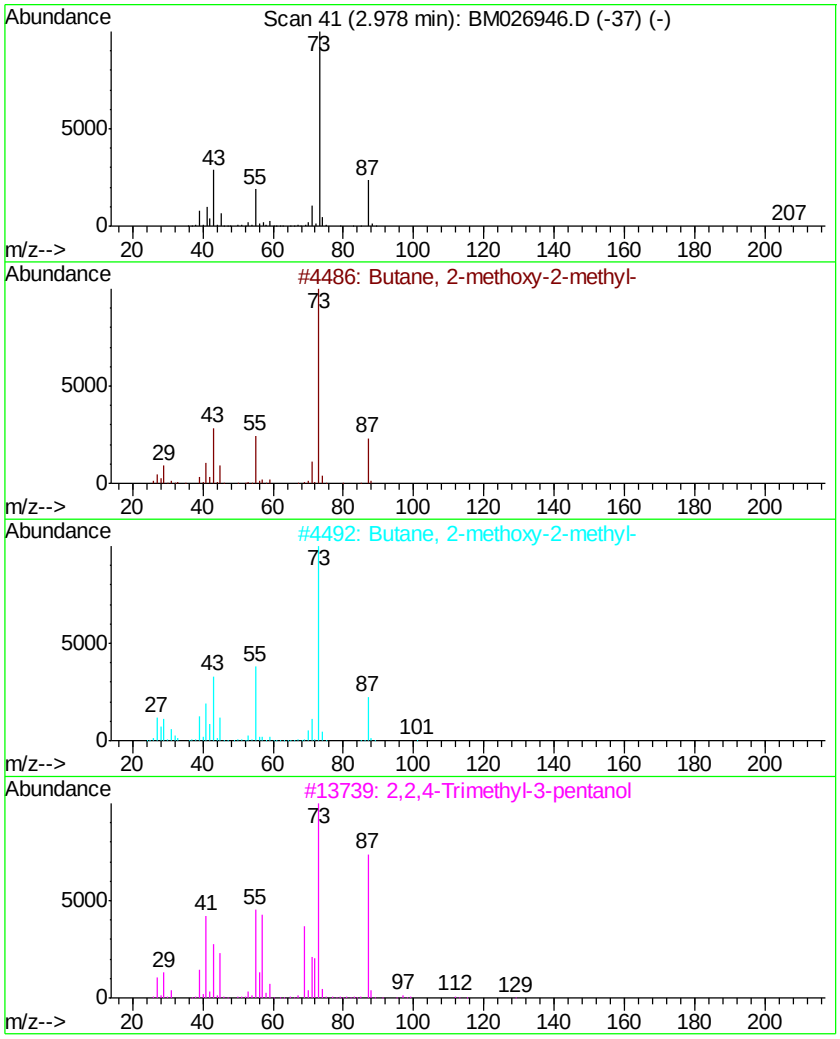
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

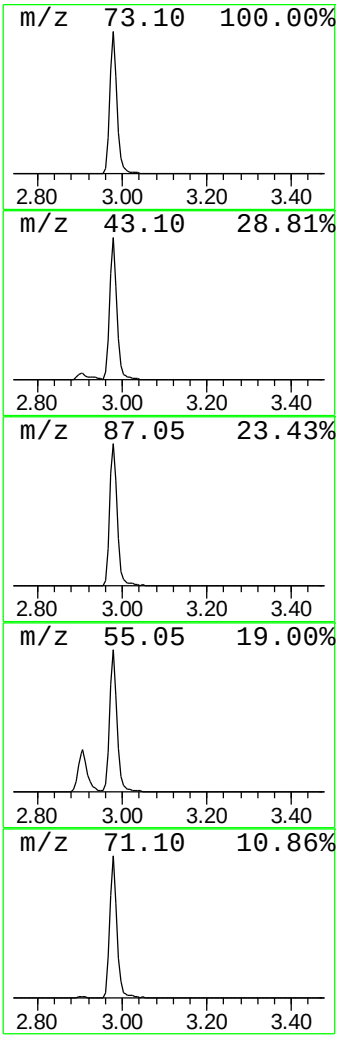
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	39.97 ng/ul	890498	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026946.D
Acq On : 30 Jul 2020 19:13
Operator : JU/CG
Sample : L3487-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

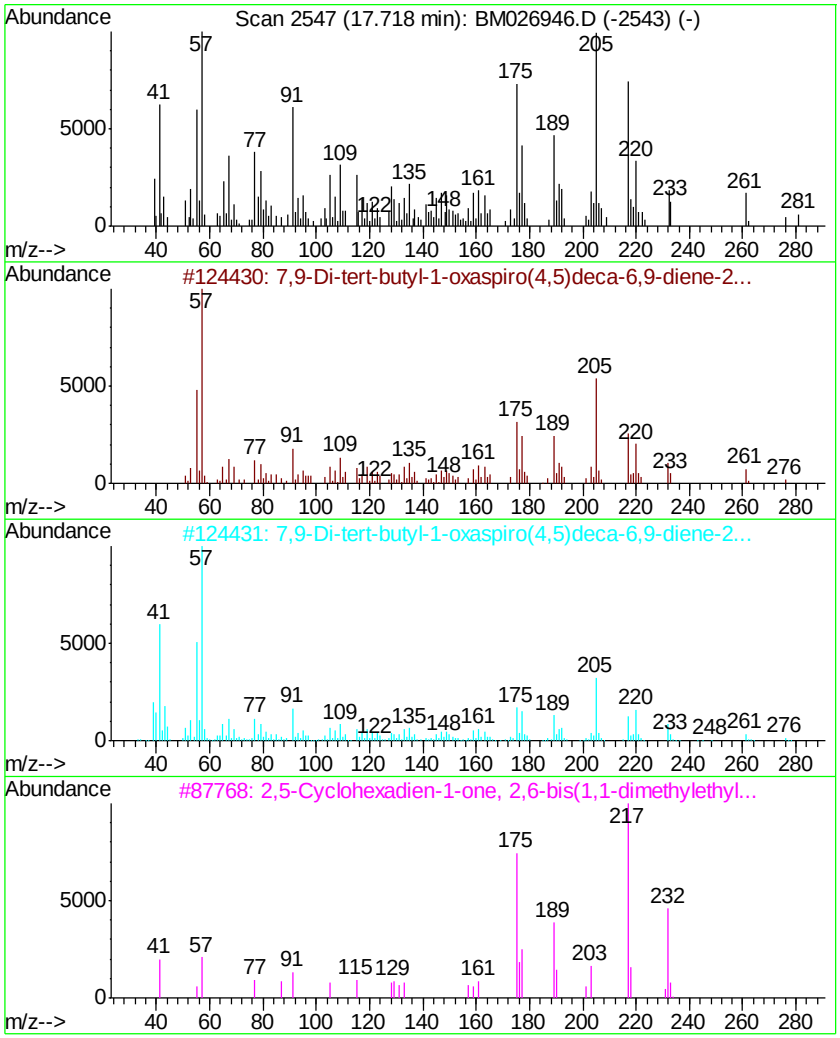
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

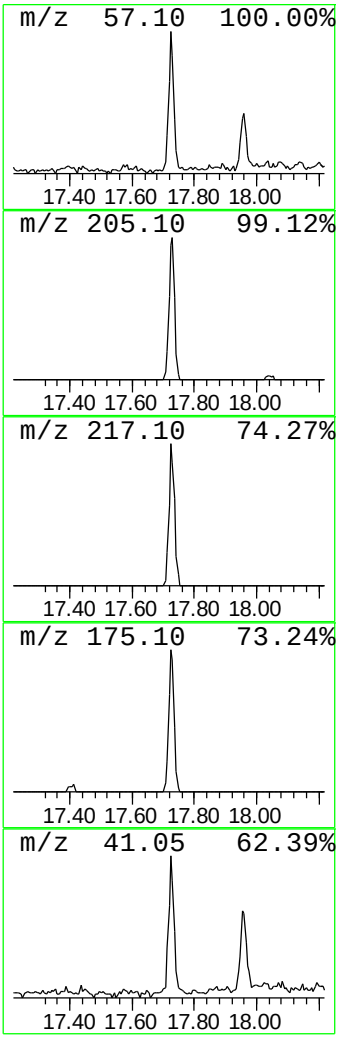
****

Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	5.40 ng/ul	236743	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	89
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	87
4	2,4-Dimethyl-5,6-dimethoxy-8-ami...	232	C13H16N2O2	064993-02-8	38
5	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026946.D
Acq On : 30 Jul 2020 19:13
Operator : JU/CG
Sample : L3487-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

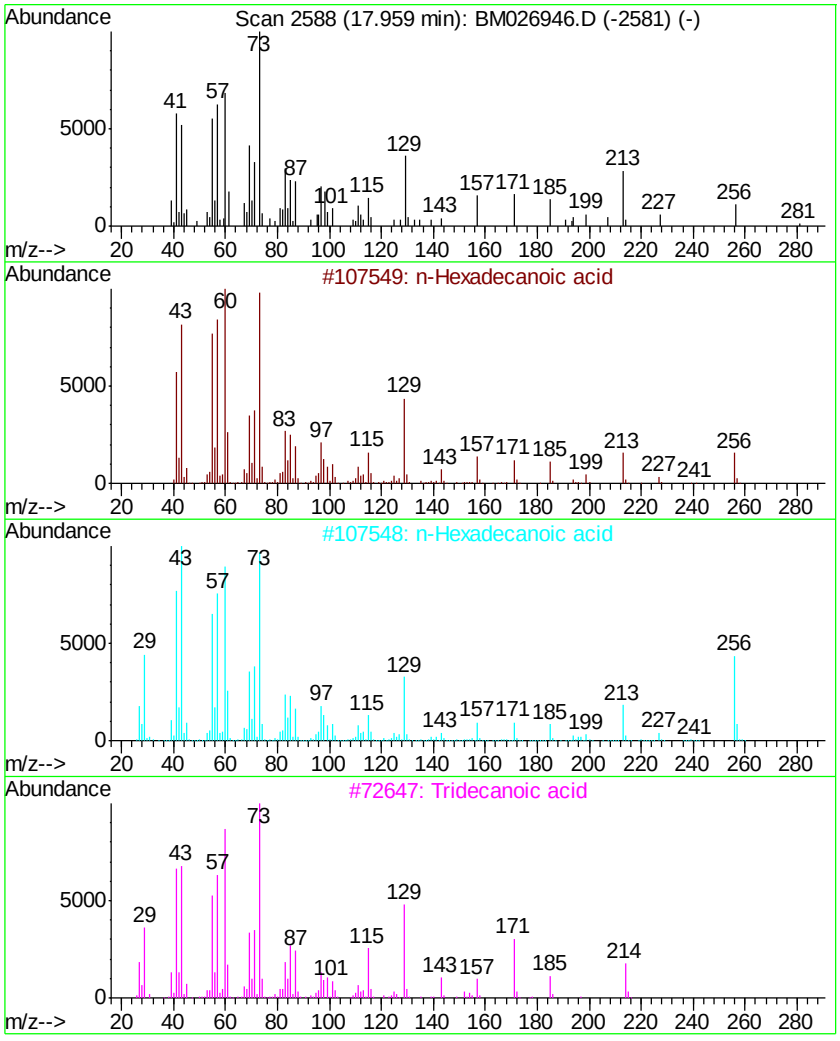
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

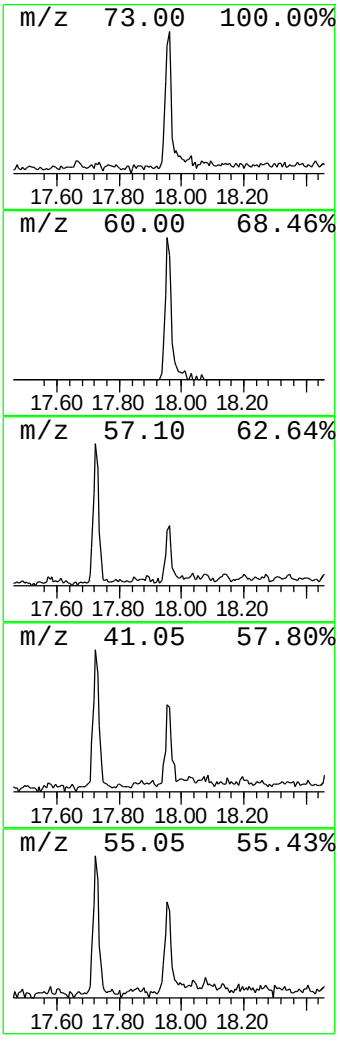
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.10 ng/ul	91942	Phenanthrene-d10	17.04

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026946.D
Acq On : 30 Jul 2020 19:13
Operator : JU/CG
Sample : L3487-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

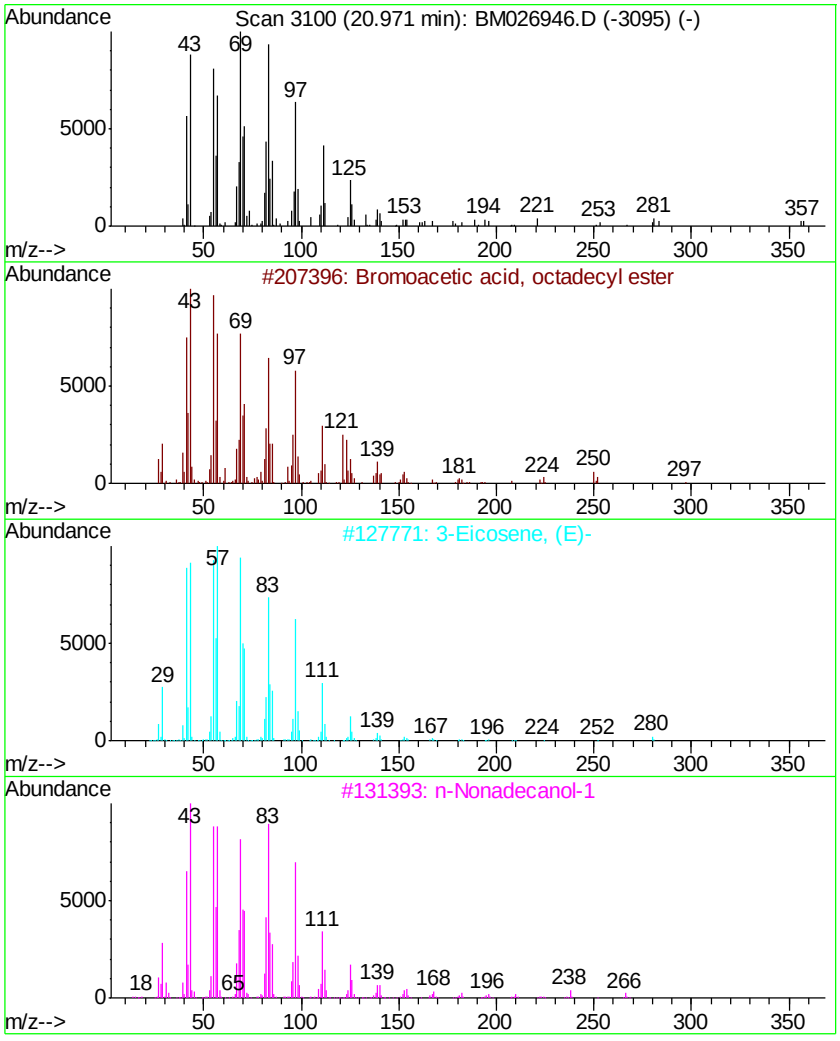
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

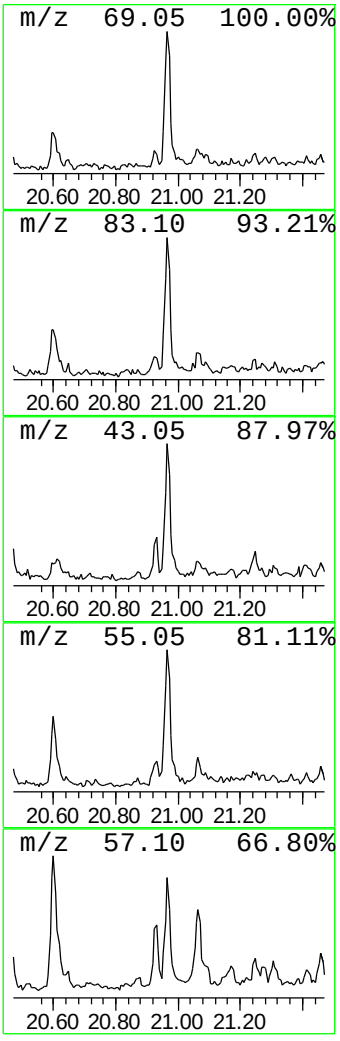
****

Peak Number 5 Bromoacetic acid, octadecyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.54 ng/ul	134666	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
5	1-Eicosanol	298	C20H42O	000629-96-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026946.D
Acq On : 30 Jul 2020 19:13
Operator : JU/CG
Sample : L3487-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION

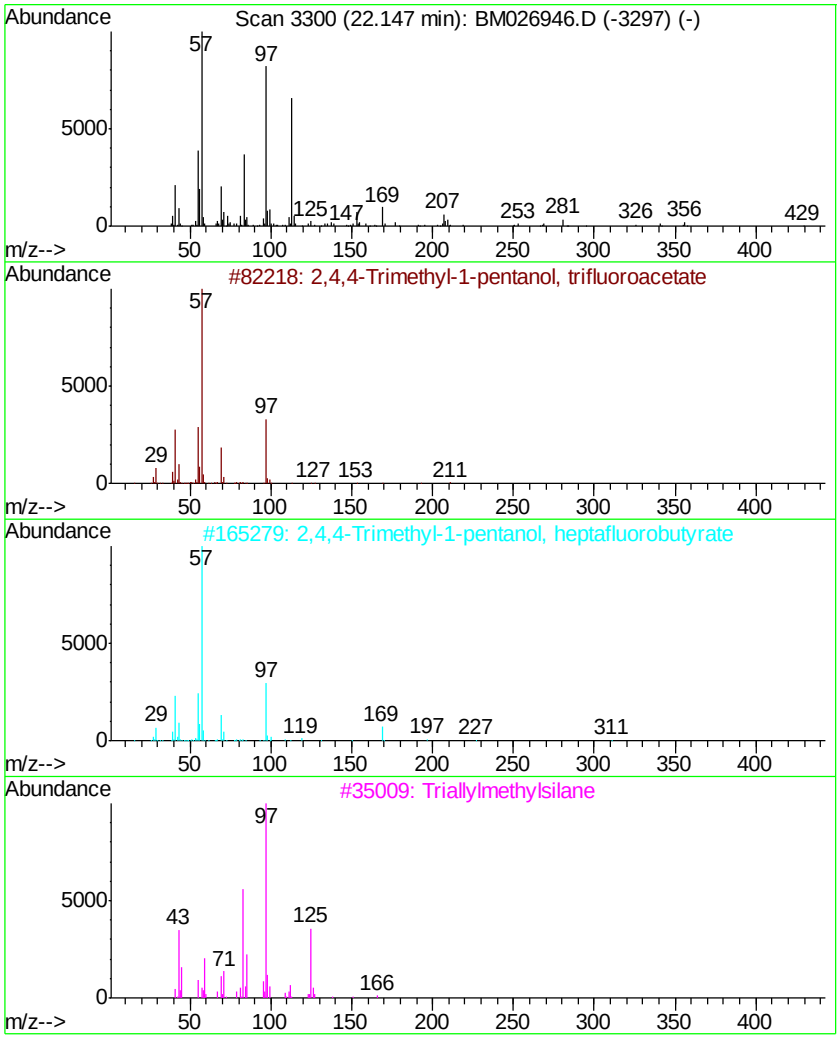
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

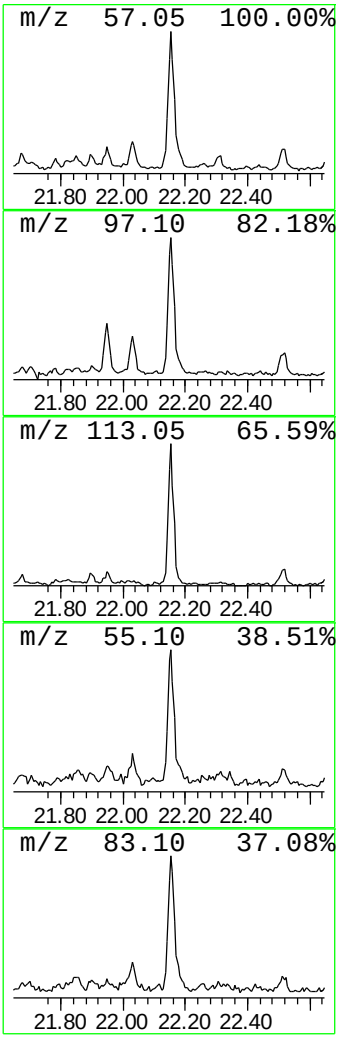
****

Peak Number 6 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	3.94 ng/ul	208602	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	43
2	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	38
3	Triallylmethylsilane	166	C10H18Si	001112-91-0	38
4	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	37
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073020\
Data File : BM026946.D
Acq On : 30 Jul 2020 19:13
Operator : JU/CG
Sample : L3487-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.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
(DEL) Alkane: Cyc...	2.90	17.2	ng/ul	383229	1	7.67	445573	20.0
Butane, 2-methoxy...	2.98	40.0	ng/ul	890498	1	7.67	445573	20.0
7,9-Di-tert-butyl...	17.72	5.4	ng/ul	236743	4	17.04	876018	20.0
n-Hexadecanoic acid	17.96	2.1	ng/ul	91942	4	17.04	876018	20.0
Bromoacetic acid,...	20.97	2.5	ng/ul	134666	5	21.22	1058470	20.0
unknown-01	22.15	3.9	ng/ul	208602	5	21.22	1058470	20.0