LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026950.D
Acq On : 30 Jul 2020 21:40
Operator : JU/CG
Sample : L3487-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L04

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	204694	331910	20.57%	1.838%
2	2.978	37	41	50	rVB	789946	849291	52.65%	4.702%
3	3.219	78	82	89	rVB	20955	26038	1.61%	0.144%
4	3.484	125	127	132	rBV3	4098	5246	0.33%	0.029%
5	3.854	184	190	195	rBV3	5969	9764	0.61%	0.054%
6	3.943	201	205	208	rVB2	6406	7866	0.49%	0.044%
7	4.831	352	356	361	rBV4	7258	10158	0.63%	0.056%
8	6.837	692	697	706	rBV	70649	108965	6.75%	0.603%
9	7.001	718	725	735	rBV	202915	315490	19.56%	1.747%
10	7.072	735	737	742	rVB2	2172	2774	0.17%	0.015%
11	7.201	753	759	768	rBV	251823	384902	23.86%	2.131%
12	7.272	768	771	779	rBV	16572	25093	1.56%	0.139%
13	7.666	831	838	847	rBV	309843	471613	29.23%	2.611%
14	7.742	847	851	855	rBV3	1493	2487	0.15%	0.014%
15	8.360	950	956	966	rVB	174822	278118	17.24%	1.540%
16	8.801	1025	1031	1040	rBV	265679	428052	26.53%	2.370%
17	9.525	1147	1154	1162	rBV	198313	317307	19.67%	1.757%
18	9.942	1220	1225	1227	rVV4	1570	2455	0.15%	0.014%
19	10.060	1238	1245	1253	rBV	332307	522960	32.42%	2.895%
20	10.236	1271	1275	1277	rBV3	2226	2249	0.14%	0.012%
21	10.436	1302	1309	1316	rBV	357303	584387	36.23%	3.235%
22	10.566	1324	1331	1339	rBV3	22201	38770	2.40%	0.215%
23	10.795	1366	1370	1375	rBV	1629	3007	0.19%	0.017%
24	11.972	1566	1570	1575	rVB3	5503	7337	0.45%	0.041%
25	12.030	1575	1580	1584	rVB3	4214	6134	0.38%	0.034%
26	12.666	1683	1688	1691	rBV2	2744	3919	0.24%	0.022%
27	12.919	1726	1731	1737	rVB5	5236	7858	0.49%	0.044%
28	13.142	1764	1769	1773	rBV2	9838	14222	0.88%	0.079%
29	13.213	1777	1781	1787	rVB3	4706	7503	0.47%	0.042%
30	13.707	1859	1865	1870	rBV	573310	782112	48.48%	4.330%
31	13.754	1870	1873	1882	rVB	180077	230602	14.29%	1.277%
32	13.983	1904	1912	1919	rBV	619291	896153	55.55%	4.961%
33	14.295	1959	1965	1972	rVV2	510186	731559	45.35%	4.050%
34	14.483	1990	1997	2004	rBV	60496	92646	5.74%	0.513%

LSC Area Percent Report

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Acq On : 30 Jul 2020 21:40
Operator : JU/CG
Sample : L3487-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L04

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	14.701	2029	2034	2036	rBV2	1453	2270	0.14%	0.013%
36	14.736	2036	2040	2044	rVV4	3465	4081	0.25%	0.023%
37	15.048	2089	2093	2097	rBV	5303	6843	0.42%	0.038%
38	15.130	2102	2107	2110	rVV2	5490	7131	0.44%	0.039%
39	15.183	2113	2116	2121	rVB3	2306	2655	0.16%	0.015%
40	15.289	2127	2134	2141	rBV	785554	1099152	68.13%	6.085%
41	15.348	2141	2144	2148	rVV4	2501	2930	0.18%	0.016%
42	15.401	2148	2153	2164	rVB	202320	276336	17.13%	1.530%
43	15.530	2171	2175	2179	rVB3	8123	9969	0.62%	0.055%
44	15.665	2193	2198	2202	rBV5	2501	3755	0.23%	0.021%
45	15.942	2240	2245	2246	rBV2	2510	2512	0.16%	0.014%
46	15.995	2249	2254	2255	rBV4	2480	3439	0.21%	0.019%
47	16.083	2264	2269	2270	rVV3	2297	3310	0.21%	0.018%
48	16.207	2286	2290	2296	rVB6	3215	5715	0.35%	0.032%
49	16.307	2303	2307	2312	rVB2	9920	13647	0.85%	0.076%
50	16.348	2312	2314	2318	rBV3	1839	2159	0.13%	0.012%
51	16.465	2330	2334	2338	rVB4	4483	5237	0.32%	0.029%
52	16.536	2341	2346	2349	rVV4	2120	3192	0.20%	0.018%
53	16.689	2368	2372	2380	rVB4	20949	29349	1.82%	0.162%
54	16.812	2390	2393	2395	rVV4	3065	4039	0.25%	0.022%
55	16.836	2395	2397	2401	rVB3	2799	2644	0.16%	0.015%
56	17.036	2425	2431	2437	rVV	613422	839684	52.05%	4.649%
57	17.136	2442	2448	2455	rBV	919715	1238114	76.75%	6.855%
58	17.430	2496	2498	2506	rVB6	1999	4436	0.27%	0.025%
59	17.542	2514	2517	2520	rBV5	2204	3209	0.20%	0.018%
60	17.571	2520	2522	2526	rVB3	2790	2996	0.19%	0.017%
61	17.959	2583	2588	2595	rBV	92778	136238	8.45%	0.754%
62	18.018	2596	2598	2605	rVV4	6397	10647	0.66%	0.059%
63	18.077	2605	2608	2610	rVB3	2463	2994	0.19%	0.017%
64	18.230	2631	2634	2637	rBV5	3093	4187	0.26%	0.023%
65	18.265	2637	2640	2644	rVB3	5420	6797	0.42%	0.038%
66	18.471	2672	2675	2681	rVB3	10151	14452	0.90%	0.080%
67	18.565	2686	2691	2694	rVV4	8548	13136	0.81%	0.073%
68	18.624	2699	2701	2704	rVB4	3348	3389	0.21%	0.019%
69	18.736	2715	2720	2723	rBV	73811	92297	5.72%	0.511%
70	18.771	2725	2726	2730	rVB3	6470	4820	0.30%	0.027%
71	18.824	2731	2735	2740	rVB2	14734	17956	1.11%	0.099%

LSC Area Percent Report

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Data File : BM026950.D
Acq On : 30 Jul 2020 21:40
Operator : JU/CG
Sample : L3487-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L04

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	18.900	2744	2748	2751	rVB6	6043	8900	0.55%	0.049%
73	19.065	2771	2776	2778	rBV	8878	13465	0.83%	0.075%
74	19.095	2778	2781	2783	rVV3	15372	19535	1.21%	0.108%
75	19.136	2784	2788	2796	rVB6	17199	32113	1.99%	0.178%
76	19.242	2802	2806	2815	rBV3	38287	50840	3.15%	0.281%
77	19.318	2816	2819	2824	rVV4	12253	16685	1.03%	0.092%
78	19.377	2825	2829	2833	rVV7	6314	11893	0.74%	0.066%
79	19.430	2833	2838	2844	rVV	1136924	1450558	89.92%	8.031%
80	19.483	2844	2847	2850	rVV2	11277	13284	0.82%	0.074%
81	19.512	2850	2852	2857	rVB6	10544	12280	0.76%	0.068%
82	19.812	2901	2903	2904	rBV2	3866	2386	0.15%	0.013%
83	19.977	2928	2931	2935	rBV6	9587	11774	0.73%	0.065%
84	20.018	2935	2938	2942	rBV2	17627	21002	1.30%	0.116%
85	20.465	3011	3014	3019	rBV	28150	39412	2.44%	0.218%
86	20.512	3019	3022	3027	rVB	33540	36461	2.26%	0.202%
87	20.600	3033	3037	3042	rBV	74294	100381	6.22%	0.556%
88	20.930	3090	3093	3095	rBV2	29938	28545	1.77%	0.158%
89	20.965	3095	3099	3111	rVB2	191736	293069	18.17%	1.623%
90	21.171	3131	3134	3137	rVB2	29089	33210	2.06%	0.184%
91	21.224	3138	3143	3154	rVV	864104	1050734	65.13%	5.817%
92	21.412	3172	3175	3180	rBV2	80383	95232	5.90%	0.527%
93	21.847	3246	3249	3256	rVB	79133	95461	5.92%	0.528%
94	22.153	3297	3301	3309	rVB2	71236	106607	6.61%	0.590%
95	22.312	3324	3328	3336	rVB2	71237	104747	6.49%	0.580%
96	22.812	3409	3413	3421	rBV2	67847	99915	6.19%	0.553%
97	23.294	3488	3495	3503	rVB	925990	1613204	100.00%	8.931%
98	23.377	3505	3509	3513	rVV2	66456	109450	6.78%	0.606%
99	23.435	3513	3519	3528	rVB2	612627	1105667	68.54%	6.121%
100	24.018	3614	3618	3623	rVB2	53809	91275	5.66%	0.505%

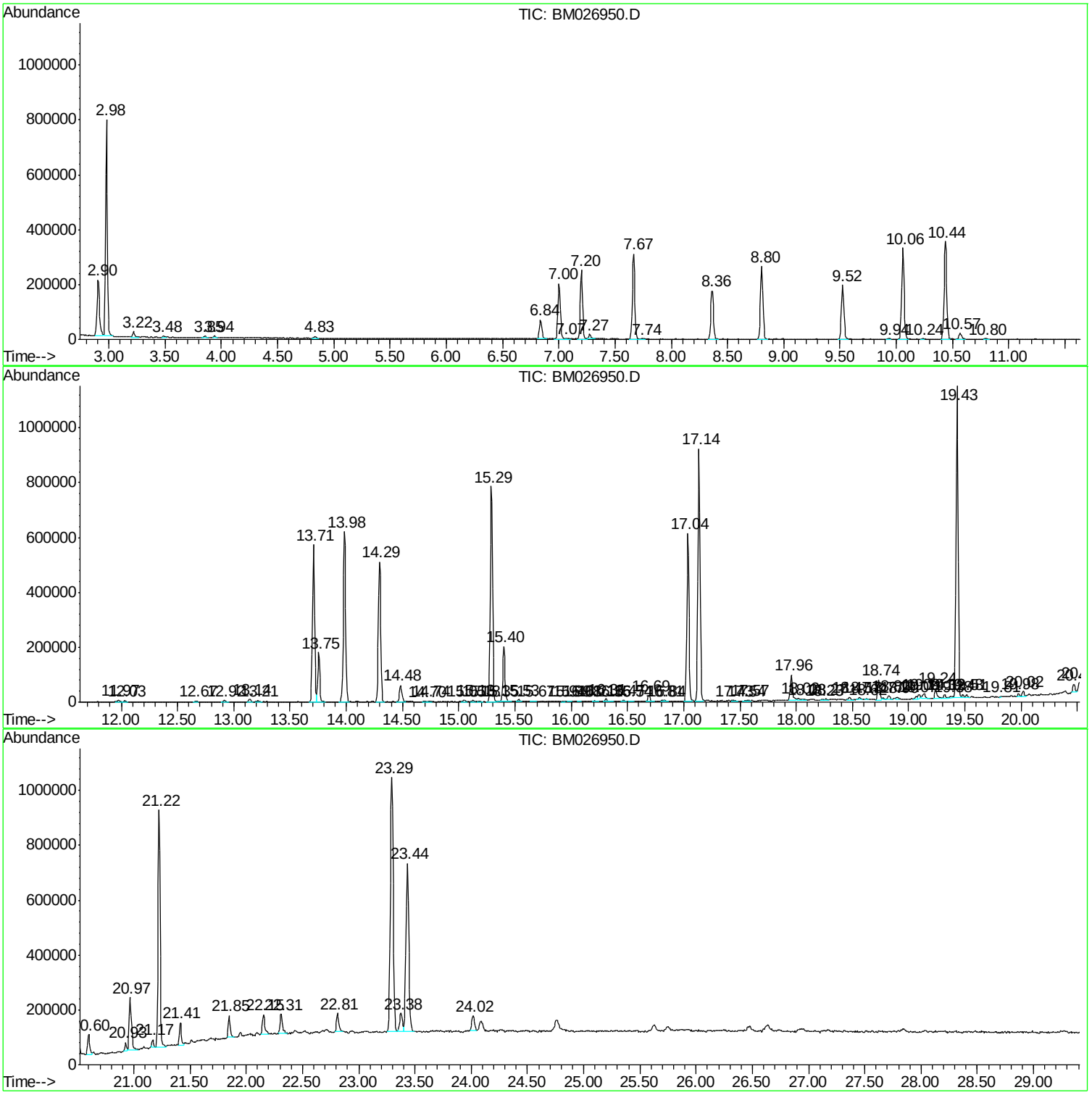
Sum of corrected areas: 18062749

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026950.D
Acq On : 30 Jul 2020 21:40
Operator : JU/CG
Sample : L3487-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F4L04

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 : BM026950.D
Acq On : 30 Jul 2020 21:40
Operator : JU/CG
Sample : L3487-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L04

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

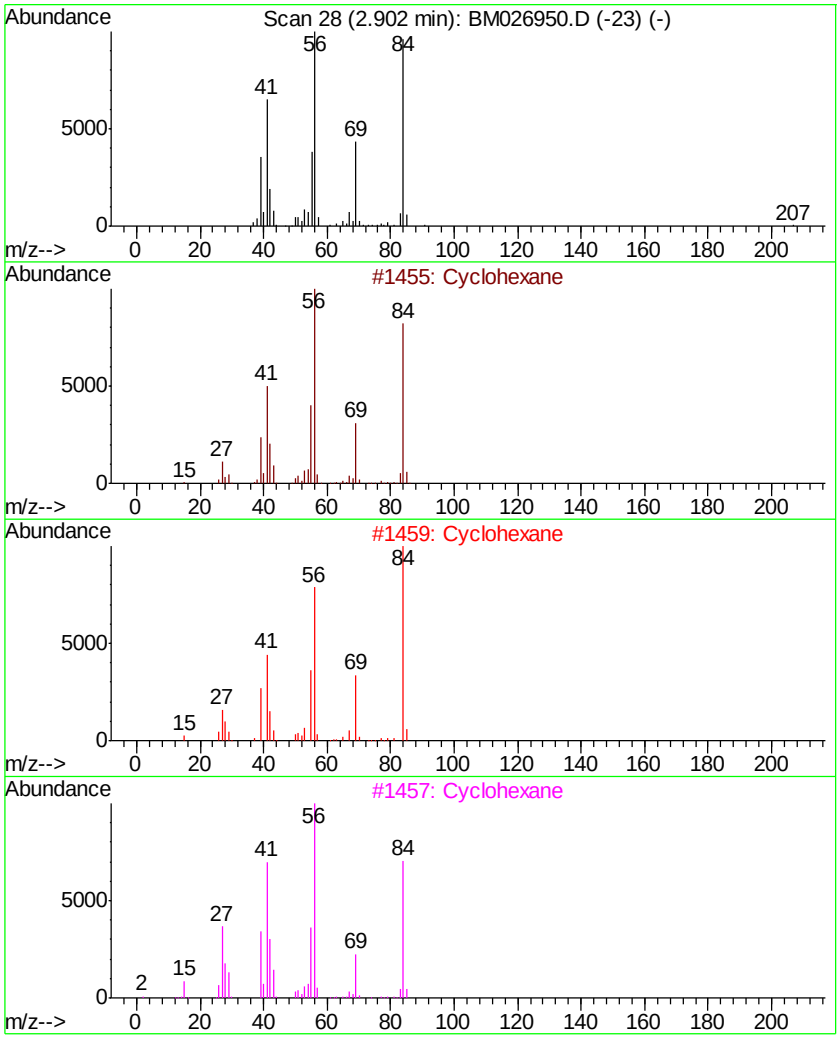
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

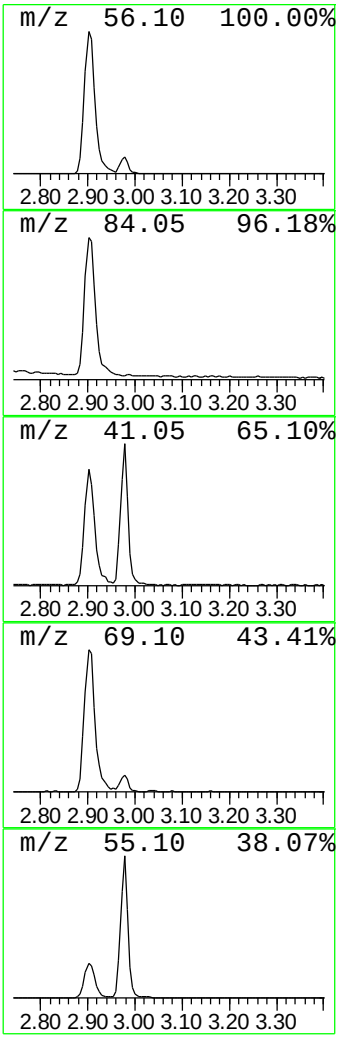
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	14.08 ng/ul	331910	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	90
4	Cyclohexane	84	C6H12	000110-82-7	87
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026950.D
Acq On : 30 Jul 2020 21:40
Operator : JU/CG
Sample : L3487-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L04

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

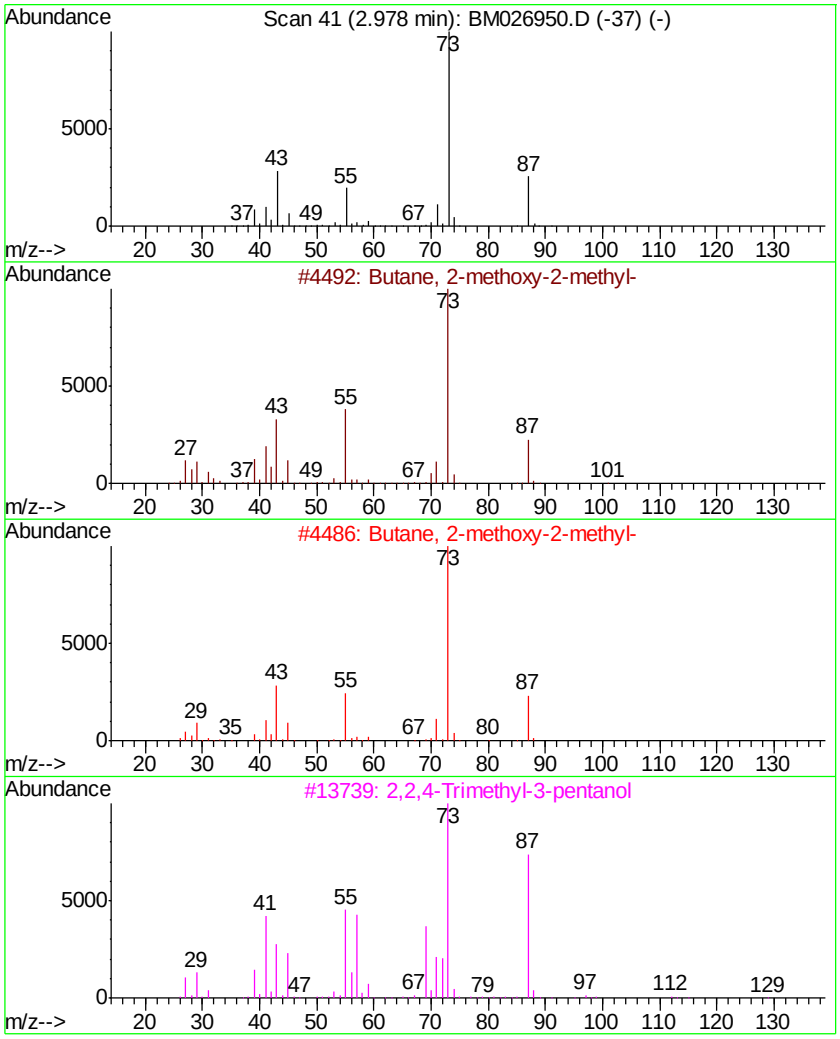
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

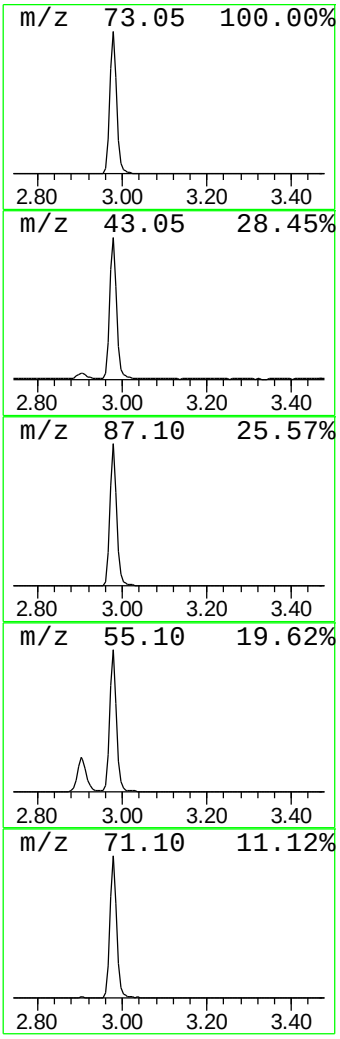
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	36.02 ng/ul	849291	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	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026950.D
Acq On : 30 Jul 2020 21:40
Operator : JU/CG
Sample : L3487-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L04

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

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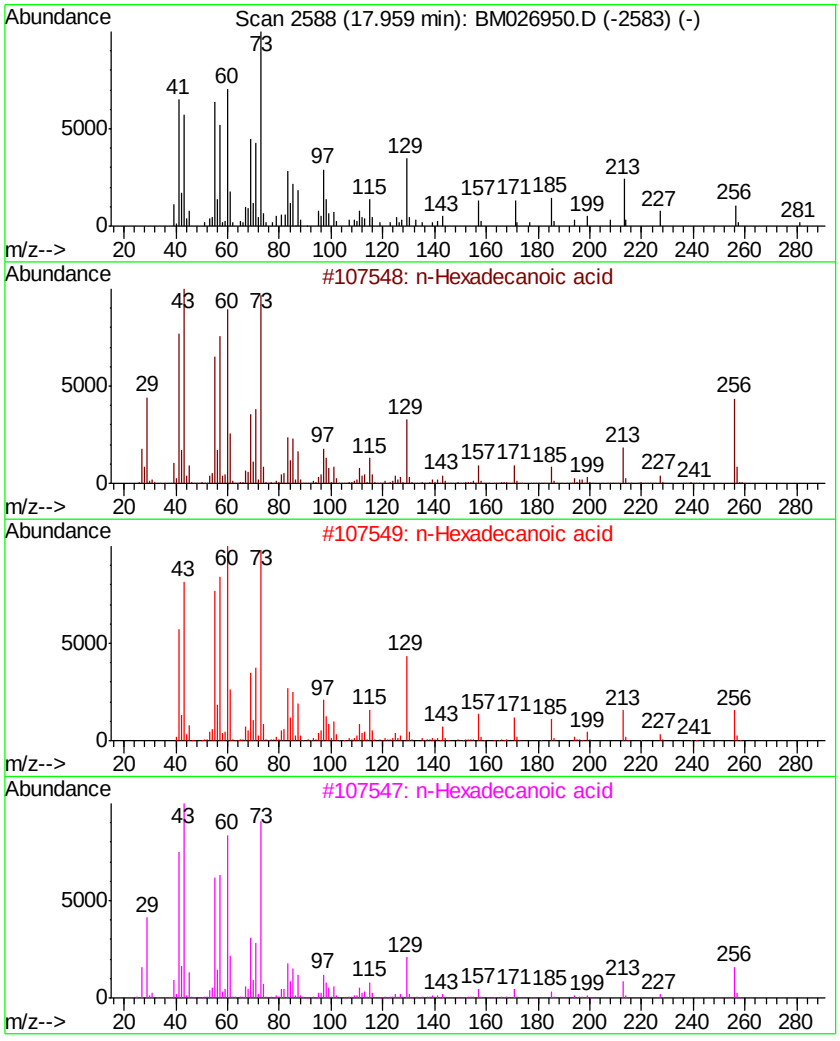
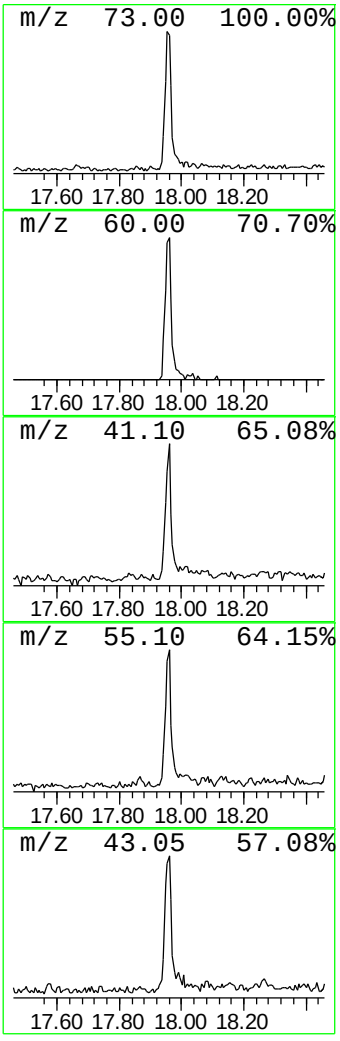
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.24 ng/ul	136238	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	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026950.D
Acq On : 30 Jul 2020 21:40
Operator : JU/CG
Sample : L3487-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L04

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

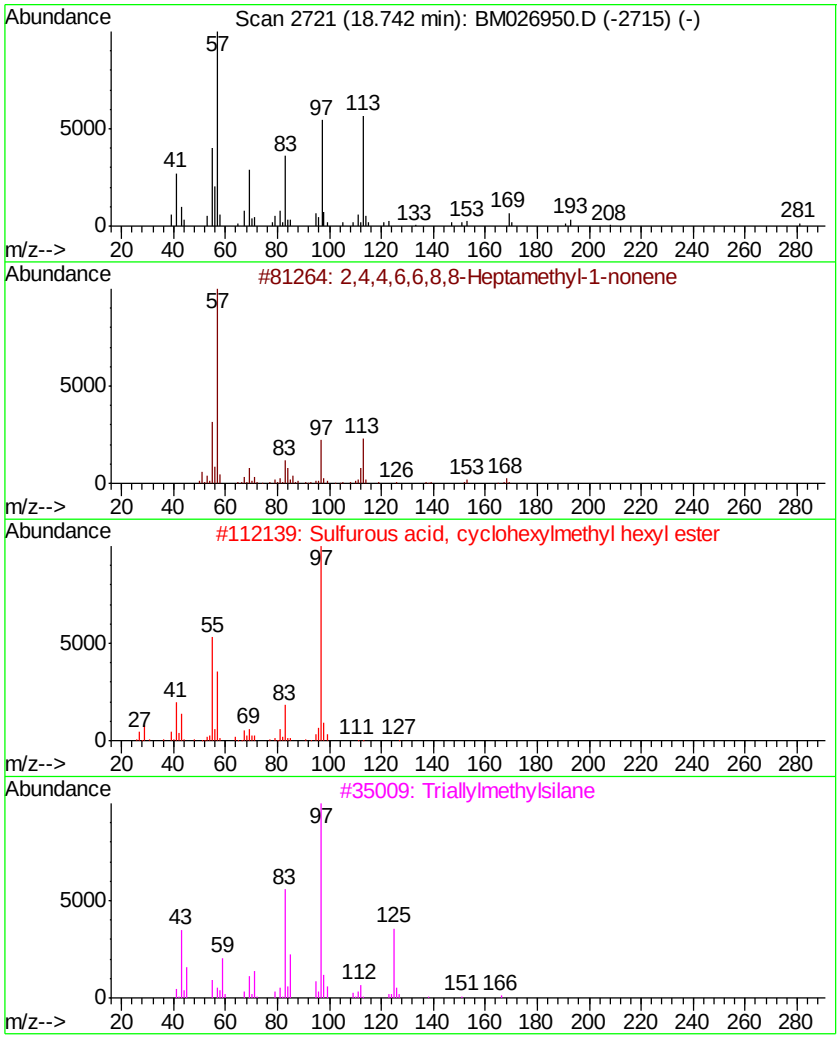
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

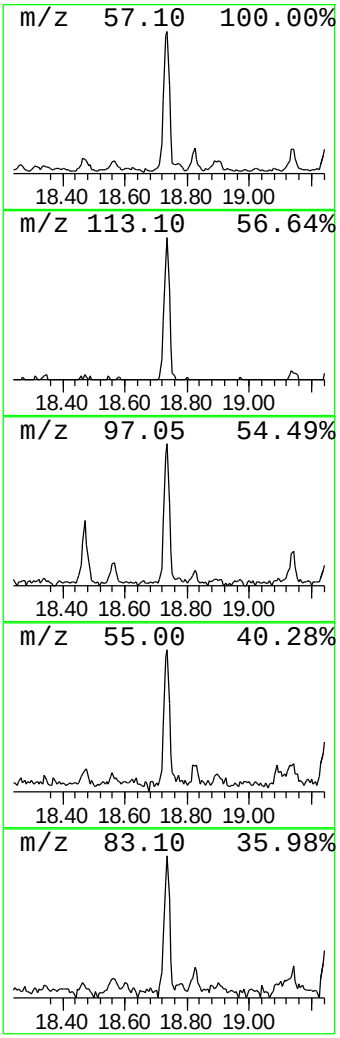
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.20 ng/ul	92297	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	50
2	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	35
3	Triallylmethylsilane	166	C10H18Si	001112-91-0	35
4	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	35
5	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026950.D
Acq On : 30 Jul 2020 21:40
Operator : JU/CG
Sample : L3487-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L04

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

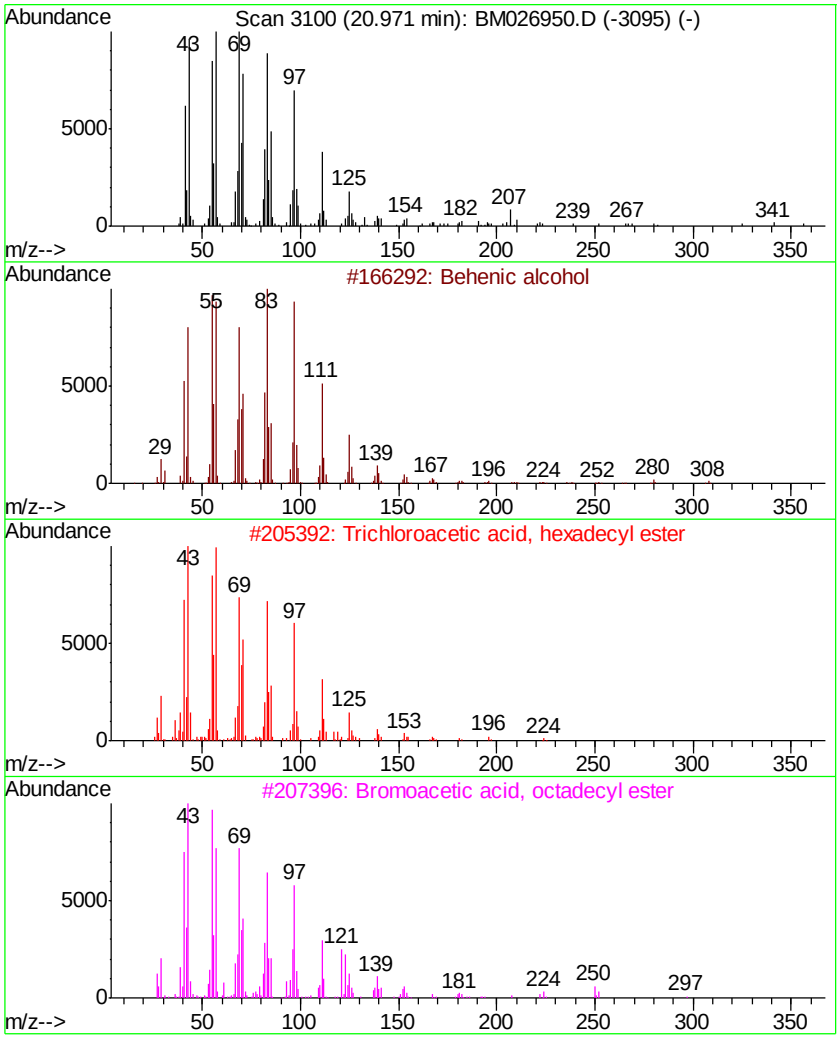
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

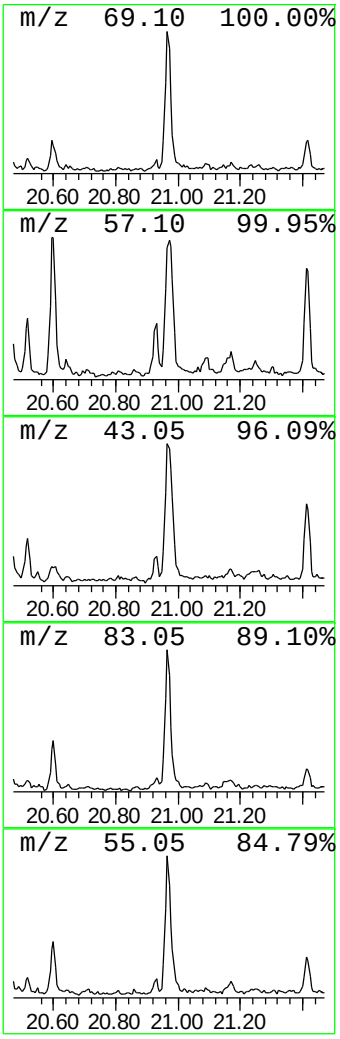
****

Peak Number 5 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.58 ng/ul	293069	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026950.D
Acq On : 30 Jul 2020 21:40
Operator : JU/CG
Sample : L3487-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F4L04

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

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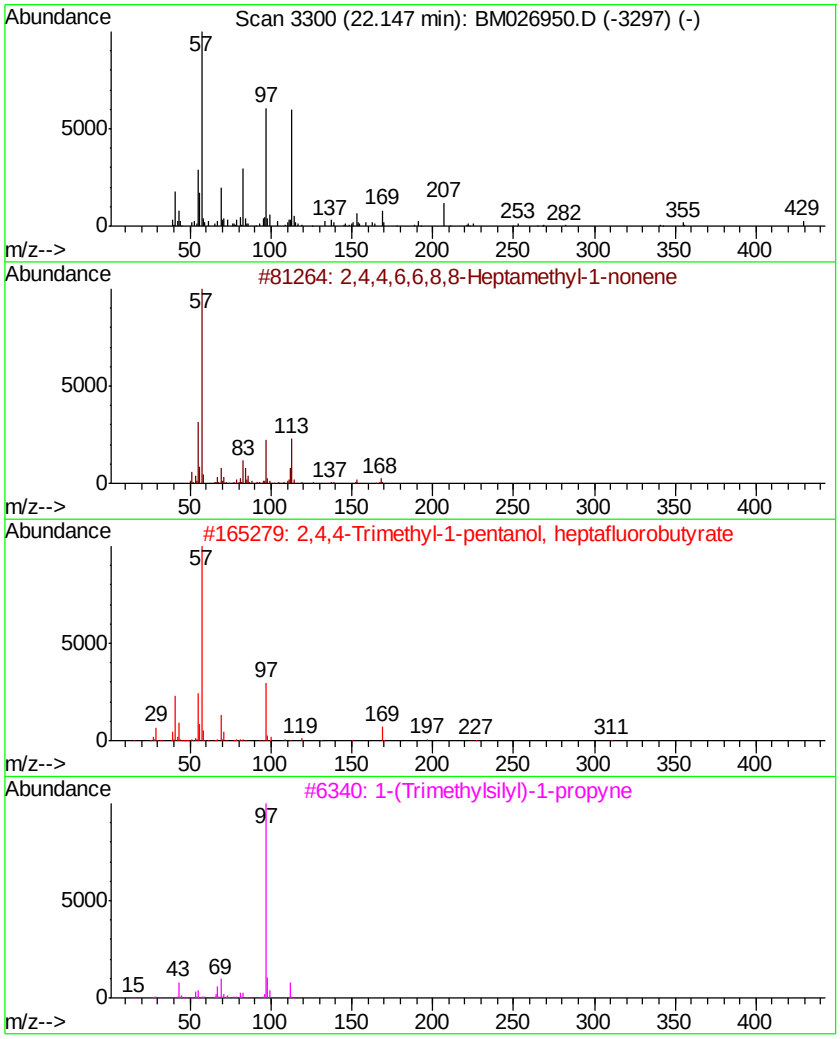
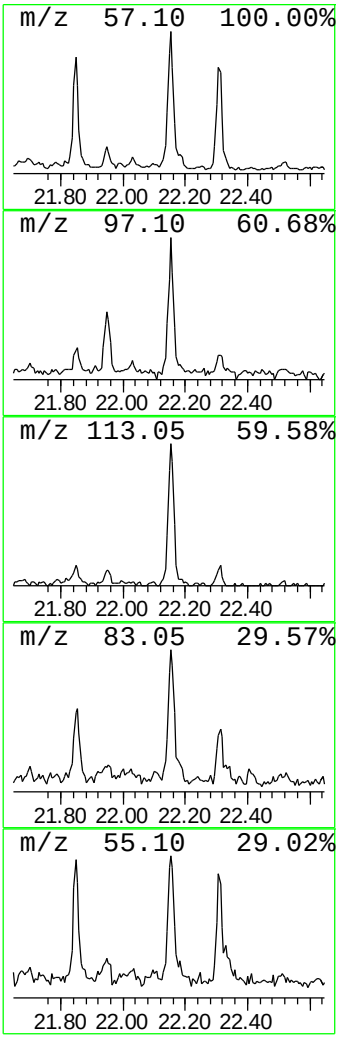
Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	2.03 ng/ul	106607	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	78
2	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	47
3	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	38
4	2-Thiopheneacetic acid, undec-2-...	294	C17H26O2S	1000299-39-0	38
5	1-Allyl-1-but-3-enyl-1-silacyclo...	166	C10H18Si	127597-51-7	37





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	2.90	14.1	ng/ul	331910	1	7.67	471613	20.0
Butane, 2-methoxy...	2.98	36.0	ng/ul	849291	1	7.67	471613	20.0
n-Hexadecanoic acid	17.96	3.2	ng/ul	136238	4	17.04	839684	20.0
(DEL) Alkane: Str...	18.74	2.2	ng/ul	92297	4	17.04	839684	20.0
Behenic alcohol	20.97	5.6	ng/ul	293069	5	21.22	1050730	20.0
unknown-01	22.15	2.0	ng/ul	106607	5	21.22	1050730	20.0