LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021711.D
Acq On : 30 Jul 2019 01:51
Operator : HP/JU
Sample : K3863-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G5

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-BM072619MA.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	6.857	652	658	668	rBV	338293	584857	21.01%	1.865%
2	7.028	682	687	696	rVB	299167	488480	17.54%	1.557%
3	7.210	713	718	728	rVB	422743	682816	24.52%	2.177%
4	7.675	792	797	806	rVB	595733	961372	34.53%	3.065%
5	8.387	912	918	930	rVB	286248	480988	17.28%	1.534%
6	8.839	989	995	1004	rBV	413412	692364	24.87%	2.207%
7	9.557	1111	1117	1126	rVB	327990	555215	19.94%	1.770%
8	10.086	1201	1207	1220	rVB	466147	873288	31.36%	2.784%
9	10.457	1263	1270	1281	rVB	866235	1414058	50.79%	4.508%
10	10.616	1291	1297	1310	rBV	248970	525779	18.88%	1.676%
11	10.892	1339	1344	1350	rBV2	14172	25772	0.93%	0.082%
12	12.063	1538	1543	1550	rBV3	5338	9838	0.35%	0.031%
13	13.739	1822	1828	1833	rBV	944835	1321245	47.45%	4.212%
14	13.786	1833	1836	1848	rVB	303820	431328	15.49%	1.375%
15	14.016	1869	1875	1885	rVB	1137119	1608013	57.75%	5.127%
16	14.321	1921	1927	1938	rBV	1306887	1899329	68.22%	6.056%
17	14.569	1959	1969	1981	rBV2	62847	170014	6.11%	0.542%
18	14.768	1998	2003	2009	rVB3	13482	20346	0.73%	0.065%
19	15.163	2067	2070	2073	rVB4	2997	3429	0.12%	0.011%
20	15.321	2091	2097	2106	rBV	1391494	1953011	70.14%	6.227%
21	15.463	2116	2121	2134	rBV	166076	254506	9.14%	0.811%
22	15.563	2134	2138	2145	rVB2	10334	14339	0.51%	0.046%
23	16.110	2227	2231	2234	rVB3	4086	4105	0.15%	0.013%
24	16.486	2293	2295	2300	rBV4	2559	3688	0.13%	0.012%
25	16.621	2316	2318	2322	rVB2	3066	3343	0.12%	0.011%
26	16.980	2376	2379	2383	rBV2	2465	2919	0.10%	0.009%
27	17.074	2389	2395	2401	rBV2	1421954	2002095	71.91%	6.383%
28	17.115	2401	2402	2406	rVV	29263	28870	1.04%	0.092%
29	17.174	2406	2412	2425	rVV2	1269124	1889637	67.87%	6.025%
30	17.262	2425	2427	2431	rVV3	3421	4632	0.17%	0.015%
31	17.304	2431	2434	2437	rVB4	2983	3016	0.11%	0.010%
32	17.562	2475	2478	2482	rBV4	3872	4202	0.15%	0.013%
33	17.857	2523	2528	2531	rBV7	4839	9038	0.32%	0.029%
34	17.968	2542	2547	2557	rBV	117055	190011	6.82%	0.606%

LSC Area Percent Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G5

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-BM072619MA.M
Title : SVOA CALIBRATION

35	18.045	2557	2560	2567	rVB3	6900	14631	0.53%	0.047%
36	18.256	2593	2596	2597	rBV3	3188	2903	0.10%	0.009%
37	18.521	2637	2641	2646	rBV7	8393	13939	0.50%	0.044%
38	18.792	2683	2687	2688	rBV4	3497	4536	0.16%	0.014%
39	18.892	2702	2704	2709	rVB4	6050	7161	0.26%	0.023%
40	19.109	2737	2741	2742	rBV	17772	18257	0.66%	0.058%
41	19.139	2742	2746	2753	rVB	107662	145882	5.24%	0.465%
42	19.256	2762	2766	2772	rBV	51400	79775	2.87%	0.254%
43	19.474	2797	2803	2817	rBV	1713111	2395609	86.04%	7.638%
44	20.009	2888	2894	2897	rBV2	31146	51837	1.86%	0.165%
45	20.974	3054	3058	3070	rBV3	146827	260140	9.34%	0.829%
46	21.268	3103	3108	3121	rBV	1728305	2784284	100.00%	8.877%
47	21.715	3181	3184	3190	rBV3	109260	131589	4.73%	0.420%
48	21.839	3202	3205	3207	rBV	105907	115376	4.14%	0.368%
49	22.162	3256	3260	3269	rBV2	579640	763936	27.44%	2.436%
50	22.797	3364	3368	3372	rBV	265465	367206	13.19%	1.171%
51	23.186	3431	3434	3441	rVB3	153929	252261	9.06%	0.804%
52	23.362	3458	3464	3480	rVB	1372446	2553232	91.70%	8.140%
53	23.503	3482	3488	3501	rVB	1244390	2286790	82.13%	7.291%

Sum of corrected areas: 31365287

LSC Report - Integrated Chromatogram

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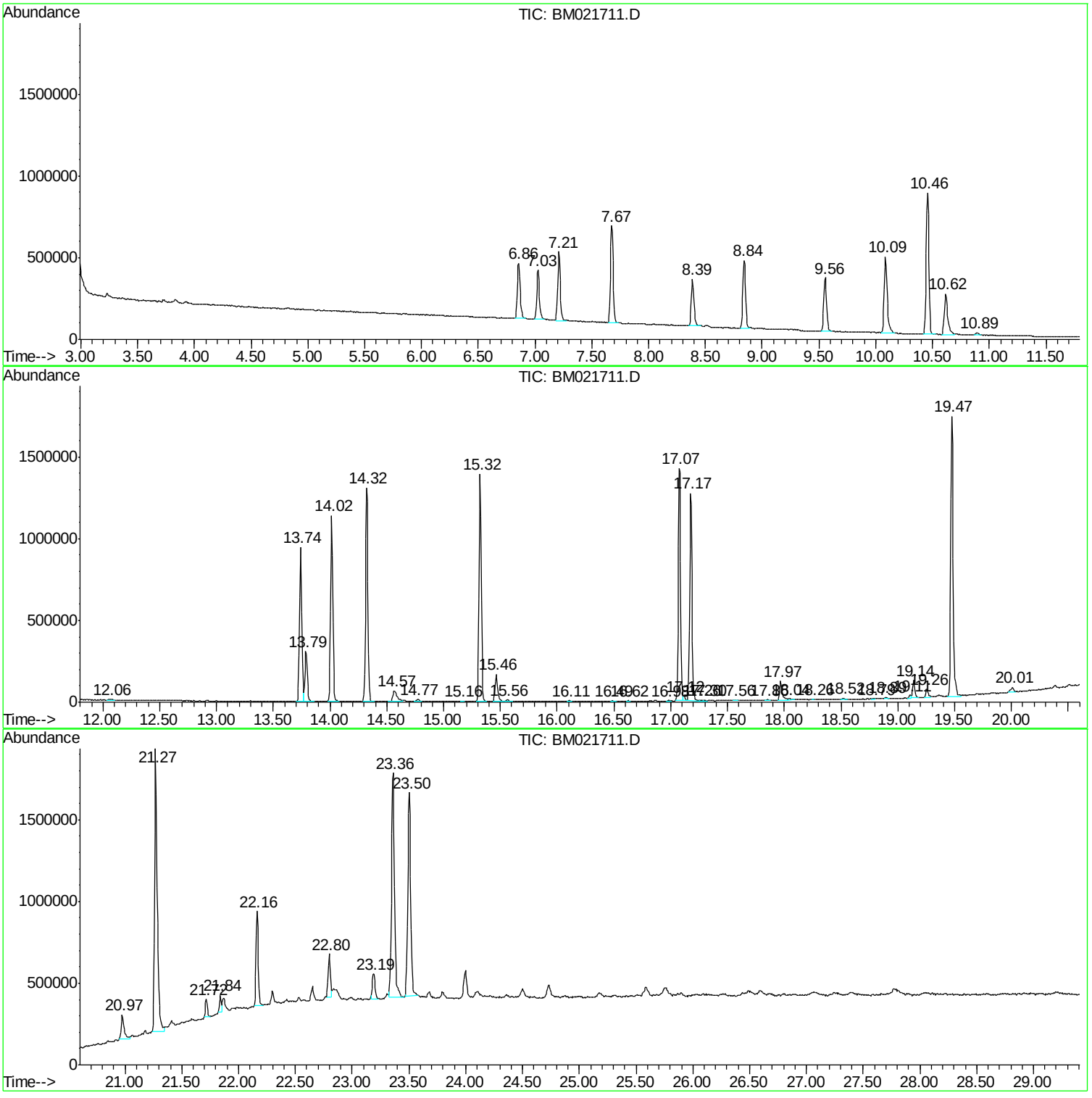
Sample : K3863-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.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\BM072919\
Data File : BM021711.D
Acq On : 30 Jul 2019 01:51
Operator : HP/JU
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Instrument : BNA_M
ClientSampleId : A52G5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

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

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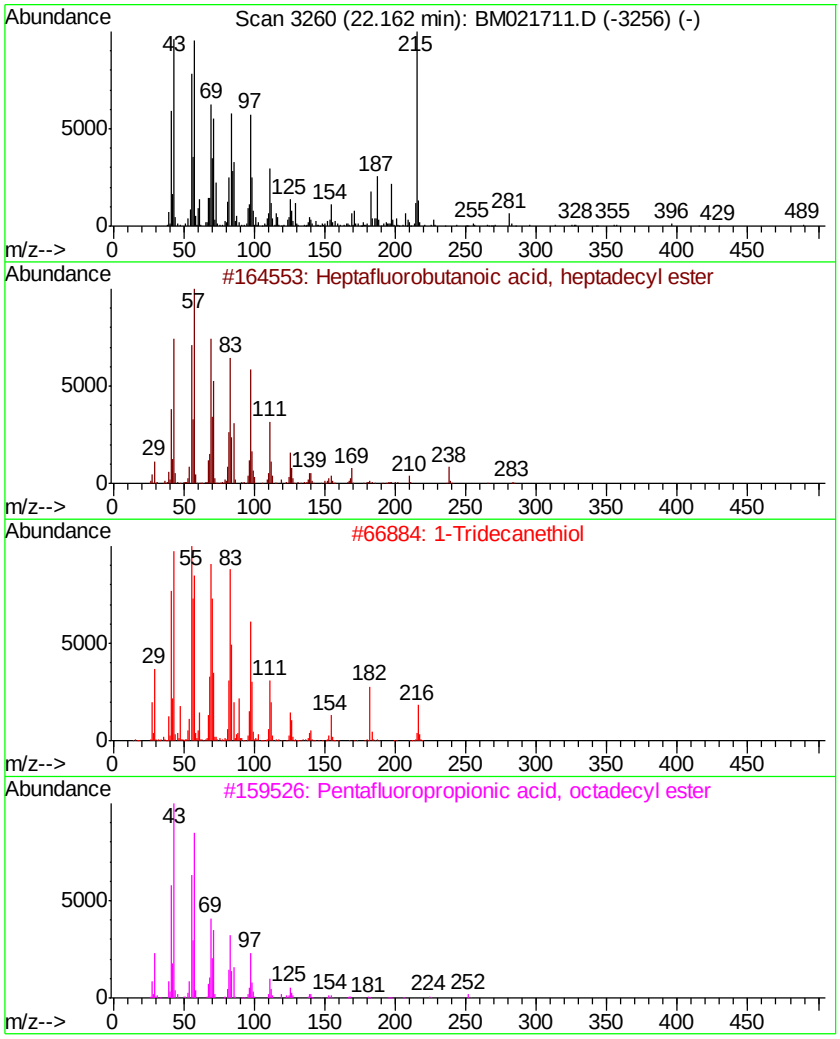
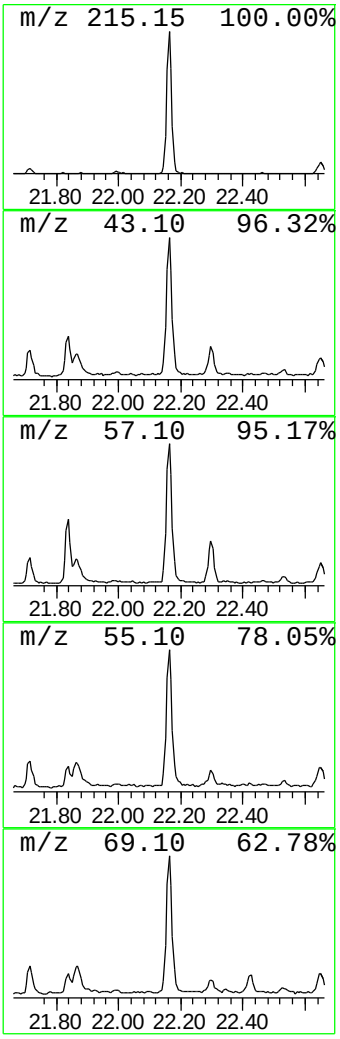
Peak Number 1 Heptafluorobutanoic acid, h... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	5.49 ng/ul	763936	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	56
2	1-Tridecanethiol	216	C13H28S	019484-26-5	50
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	42
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	42
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	42





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Sample : K3863-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52G5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

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

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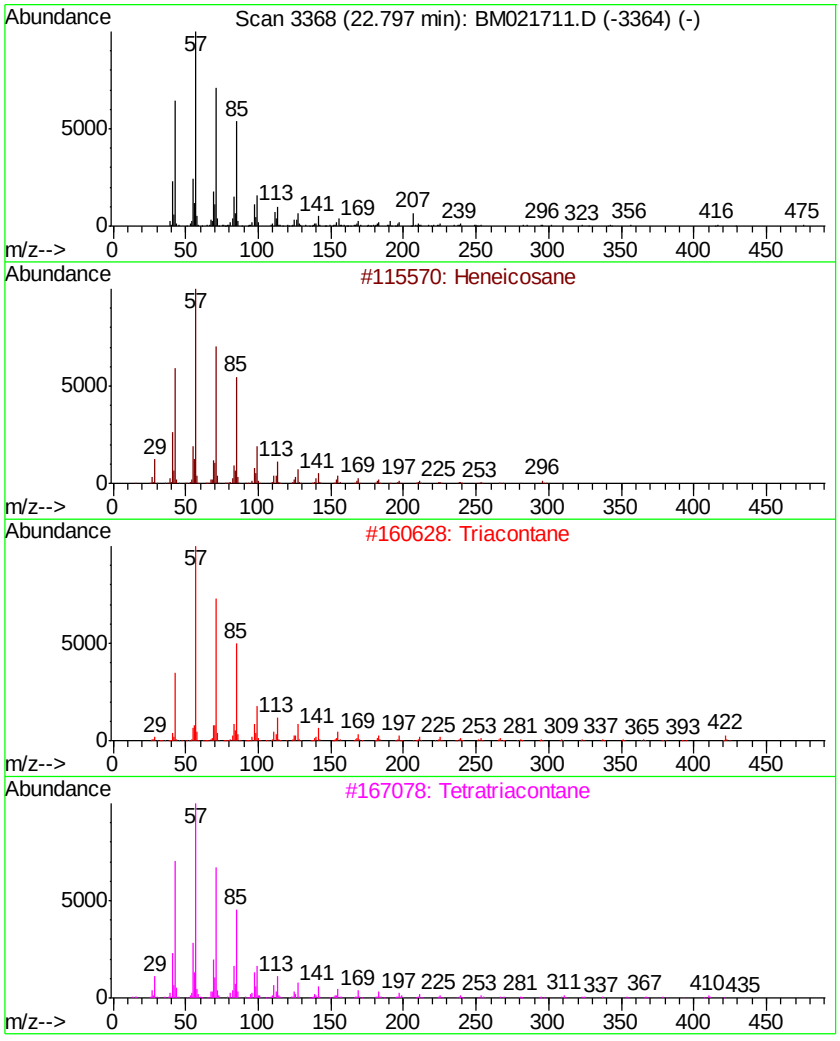
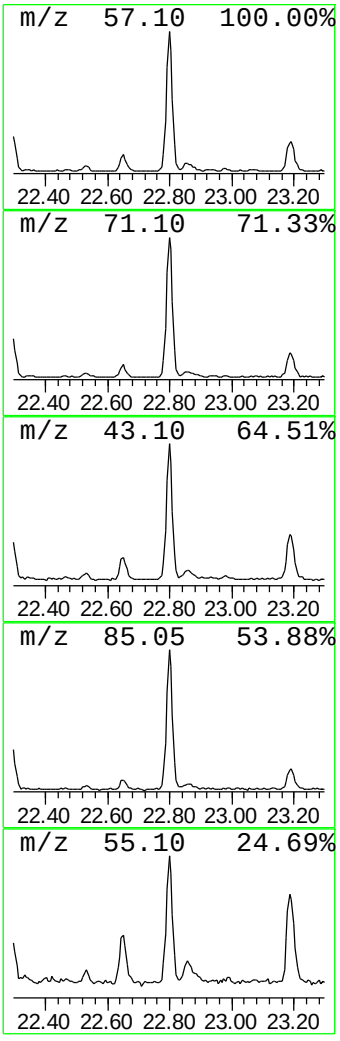
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	3.21 ng/ul	367206	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Triacontane	422	C30H62	000638-68-6	90
3	Tetratriacontane	479	C34H70	014167-59-0	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Tetracosane	338	C24H50	000646-31-1	87





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Instrument : BNA_M
ClientSampleId : A52G5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

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

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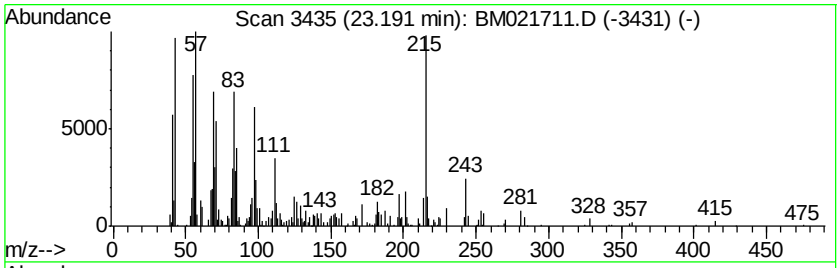
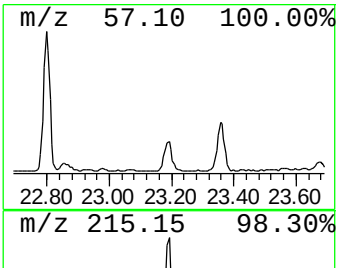
Peak Number 3 (DEL) Alkane: Cyclic23.19 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	2.21 ng/ul	252261	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	47
2	Cyclopentadecane	210	C15H30	000295-48-7	47
3	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	38
4	Cyclopentadecane	210	C15H30	000295-48-7	38
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	38





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.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
Heptafluorobutano...	22.16	5.5	ng/ul	763936	5	21.27	2784280	20.0
(DEL) Alkane: Str...	22.80	3.2	ng/ul	367206	6	23.50	2286790	20.0
(DEL) Alkane: Cyc...	23.19	2.2	ng/ul	252261	6	23.50	2286790	20.0