LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022588.D
Acq On : 09 Sep 2019 05:07
Operator : HP/JU
Sample : K4682-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM7

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-BM090519MA.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	3.046	5	10	31	rVB	2706323	4124069	29.84%	3.547%
2	3.305	50	54	64	rVB	72405	116367	0.84%	0.100%
3	3.957	162	165	172	rVB	19894	31955	0.23%	0.027%
4	4.052	177	181	186	rVB	15062	21518	0.16%	0.019%
5	7.010	677	684	697	rVB2	404661	726829	5.26%	0.625%
6	7.181	703	713	726	rBV	1220329	1984553	14.36%	1.707%
7	7.387	741	748	759	rBV	1371592	2175301	15.74%	1.871%
8	7.857	819	828	835	rBV	1275582	2050268	14.84%	1.763%
9	7.922	835	839	846	rVB	11131	20114	0.15%	0.017%
10	8.551	938	946	957	rBV	1108232	1765175	12.77%	1.518%
11	9.004	1015	1023	1038	rBV	1623868	2589837	18.74%	2.227%
12	9.469	1097	1102	1109	rBV	37785	56802	0.41%	0.049%
13	9.728	1138	1146	1159	rBV	1181188	1900472	13.75%	1.634%
14	10.263	1229	1237	1253	rBV	2035299	3290792	23.81%	2.830%
15	10.651	1295	1303	1311	rBV	1883163	3174552	22.97%	2.730%
16	10.775	1317	1324	1333	rBV	160216	274917	1.99%	0.236%
17	11.969	1521	1527	1534	rBV	53107	81502	0.59%	0.070%
18	12.239	1566	1573	1579	rVB2	34112	55729	0.40%	0.048%
19	13.110	1716	1721	1726	rVB3	12550	20533	0.15%	0.018%
20	13.327	1754	1758	1763	rBV2	11052	15337	0.11%	0.013%
21	13.457	1776	1780	1786	rBV4	16328	22345	0.16%	0.019%
22	13.892	1847	1854	1859	rBV	4406657	5895578	42.66%	5.070%
23	13.939	1859	1862	1870	rVB	370498	488662	3.54%	0.420%
24	14.180	1892	1903	1920	rBV	4801946	6923038	50.10%	5.954%
25	14.486	1945	1955	1971	rBV	3132279	4633253	33.53%	3.985%
26	14.657	1977	1984	1994	rBV	470936	691282	5.00%	0.595%
27	14.898	2021	2025	2031	rVB3	20054	25025	0.18%	0.022%
28	15.474	2116	2123	2134	rBV	6115534	8873493	64.21%	7.631%
29	15.580	2135	2141	2155	rVV	1603142	2256755	16.33%	1.941%
30	15.715	2159	2164	2171	rVB2	71761	102069	0.74%	0.088%
31	16.257	2252	2256	2260	rBV2	32724	44029	0.32%	0.038%
32	17.004	2378	2383	2388	rBV3	14920	21143	0.15%	0.018%
33	17.221	2413	2420	2427	rBV	3923467	5354145	38.75%	4.605%
34	17.321	2428	2437	2454	rVV	7601929	10364756	75.00%	8.914%

LSC Area Percent Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM7

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-BM090519MA.M
Title : SVOA CALIBRATION

35	17.451	2457	2459	2465	rVB2	10645	14482	0.10%	0.012%
36	17.509	2465	2469	2475	rBV	16506	21790	0.16%	0.019%
37	18.121	2567	2573	2582	rBV	345235	529920	3.83%	0.456%
38	18.433	2622	2626	2631	rVB6	12123	20833	0.15%	0.018%
39	18.998	2719	2722	2727	rVB4	17053	22803	0.17%	0.020%
40	19.056	2729	2732	2737	rVB4	13752	19833	0.14%	0.017%
41	19.245	2758	2764	2768	rBV	103594	158993	1.15%	0.137%
42	19.398	2785	2790	2798	rBV	219159	325600	2.36%	0.280%
43	19.492	2802	2806	2812	rVB	70928	105951	0.77%	0.091%
44	19.609	2819	2826	2834	rBV	9536953	12644401	91.50%	10.874%
45	19.839	2862	2865	2873	rBV3	32626	39513	0.29%	0.034%
46	20.168	2918	2921	2925	rBV	62611	62117	0.45%	0.053%
47	20.662	3002	3005	3009	rVB	121291	115460	0.84%	0.099%
48	21.115	3078	3082	3091	rBV2	525027	793879	5.74%	0.683%
49	21.392	3124	3129	3136	rBV	5260149	6376501	46.14%	5.484%
50	21.562	3154	3158	3163	rBV	329902	364806	2.64%	0.314%
51	22.003	3230	3233	3243	rBV	353430	470373	3.40%	0.405%
52	22.480	3310	3314	3325	rBV	432003	603982	4.37%	0.519%
53	23.003	3399	3403	3414	rVB	444603	692931	5.01%	0.596%
54	23.538	3486	3494	3500	rBV	7313123	13818874	100.00%	11.884%
55	23.597	3500	3504	3510	rVV	491529	829164	6.00%	0.713%
56	23.680	3511	3518	3528	rVB	3745431	6895224	49.90%	5.930%
57	24.274	3614	3619	3626	rBV	347739	630503	4.56%	0.542%
58	25.056	3748	3752	3763	rVB2	242769	549169	3.97%	0.472%

Sum of corrected areas: 116279297

LSC Report - Integrated Chromatogram

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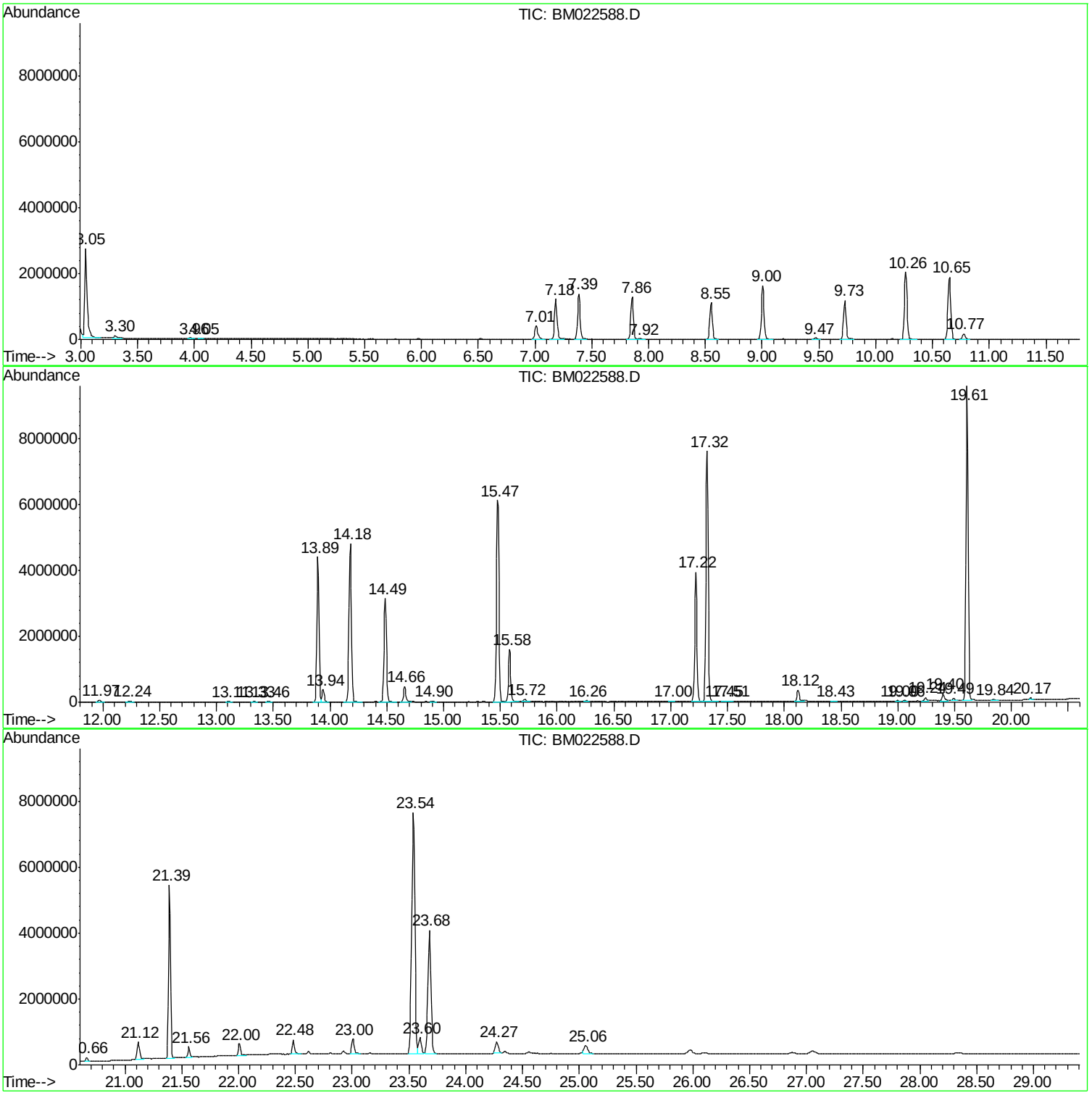
Sample : K4682-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.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\BM090819\
Data File : BM022588.D
Acq On : 09 Sep 2019 05:07
Operator : HP/JU
Sample : K4682-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

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

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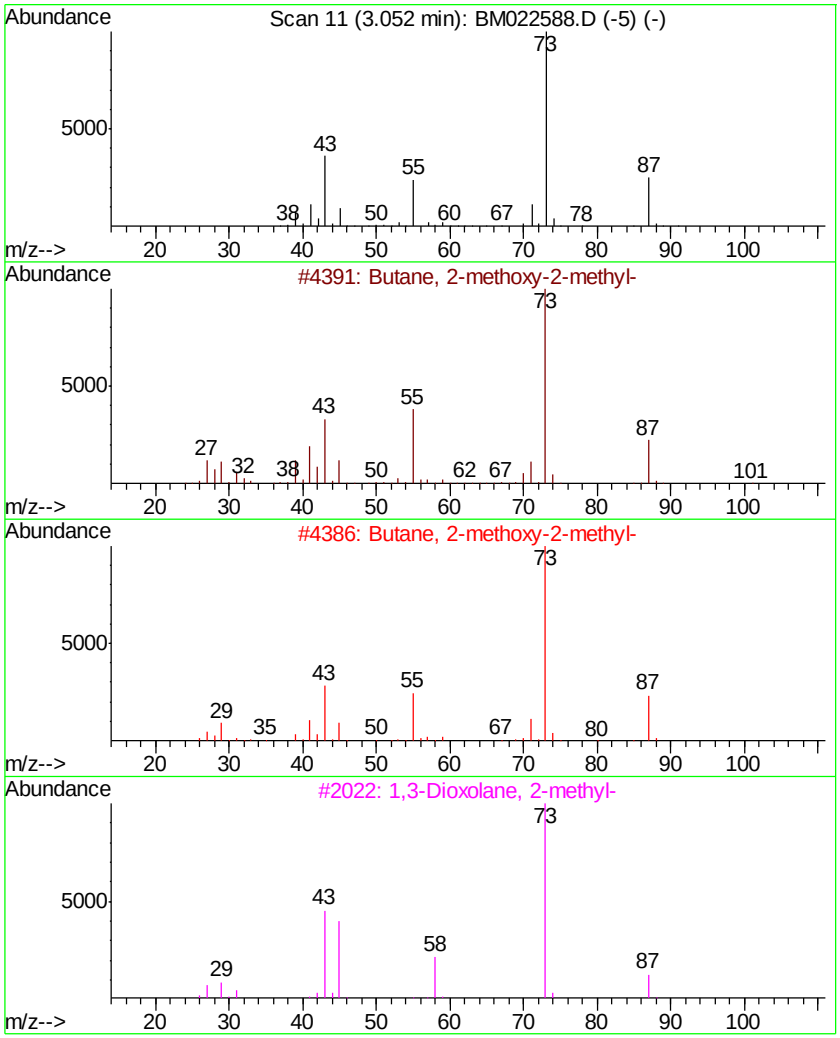
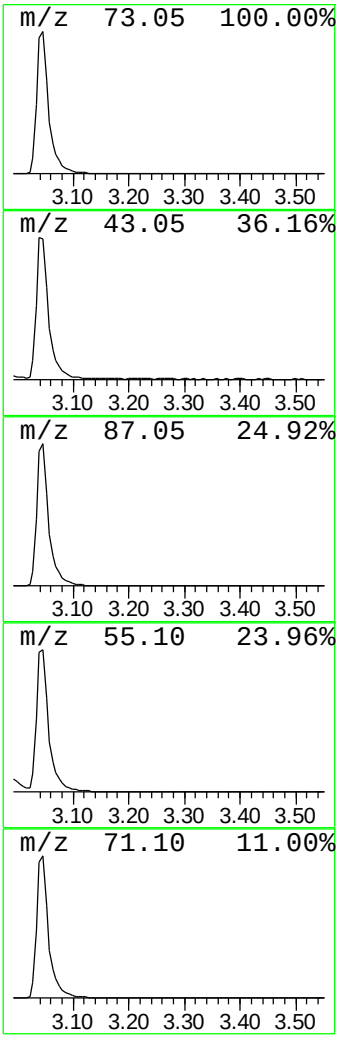
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	40.23 ng/ul	4124070	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

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

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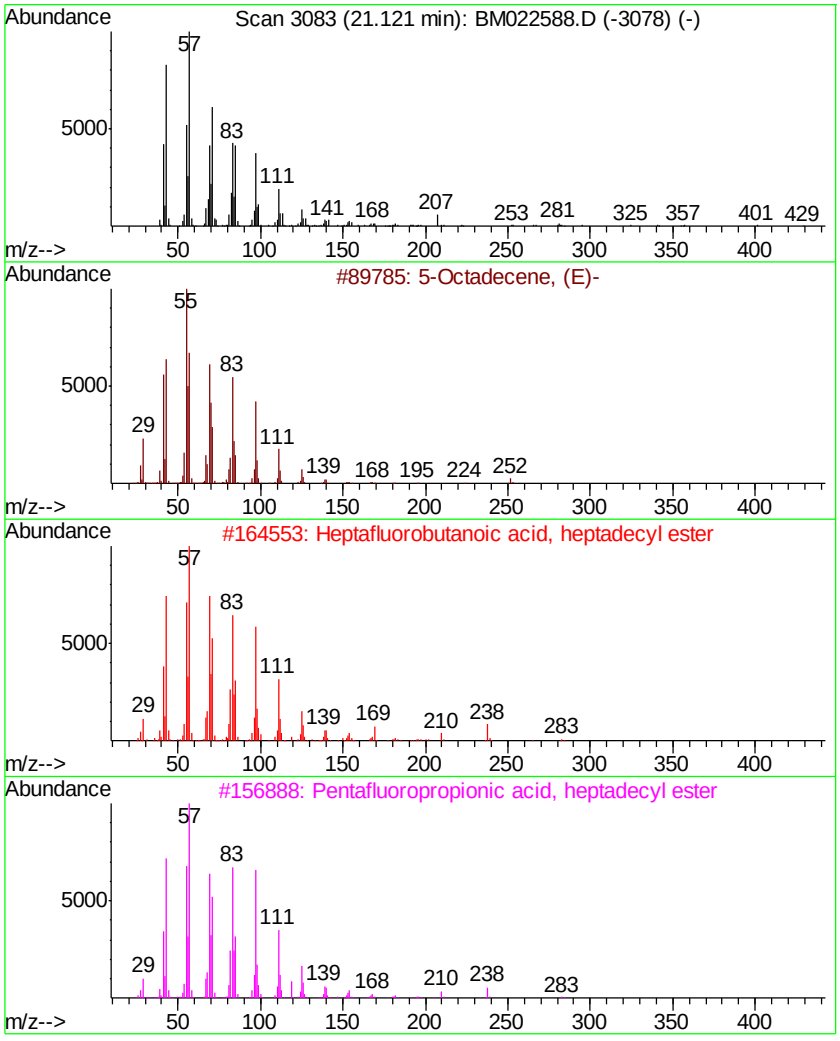
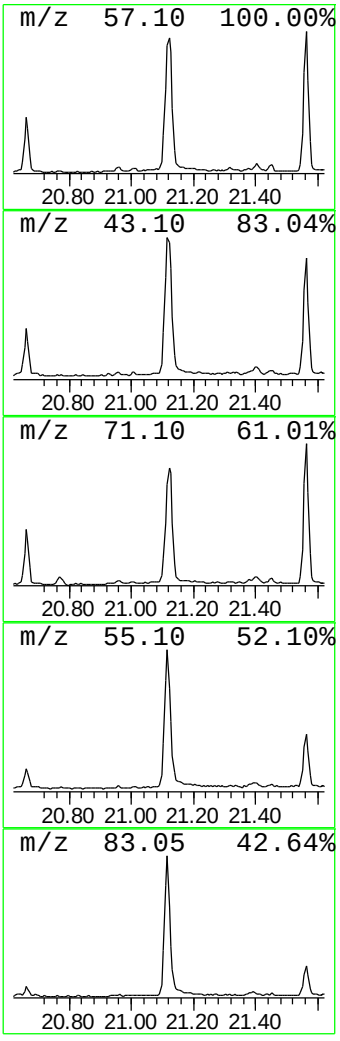
Peak Number 2 (DEL) Alkane: Cyclic21.12 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	2.49 ng/ul	793879	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0BM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

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

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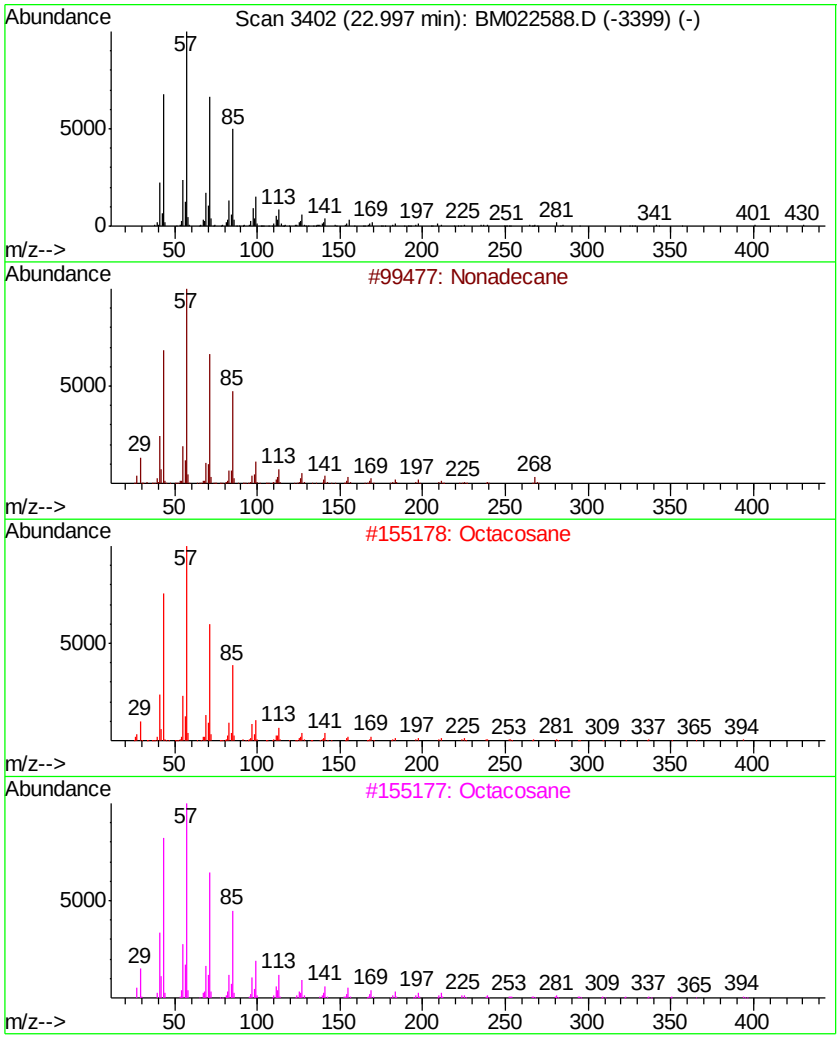
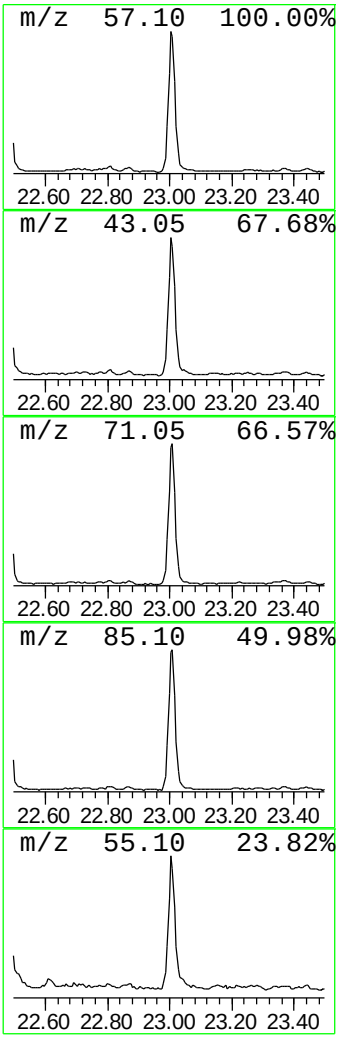
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	2.01 ng/ul	692931	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





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Instrument : BNA_M
ClientSampleId : H0BM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

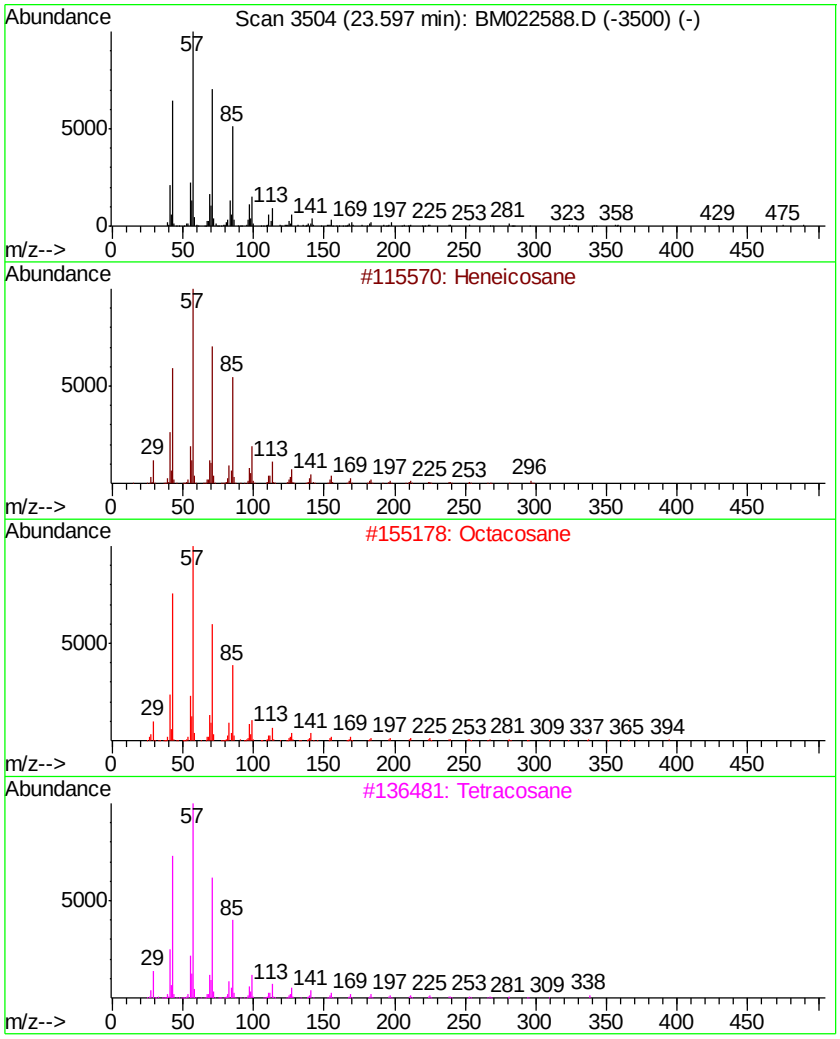
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

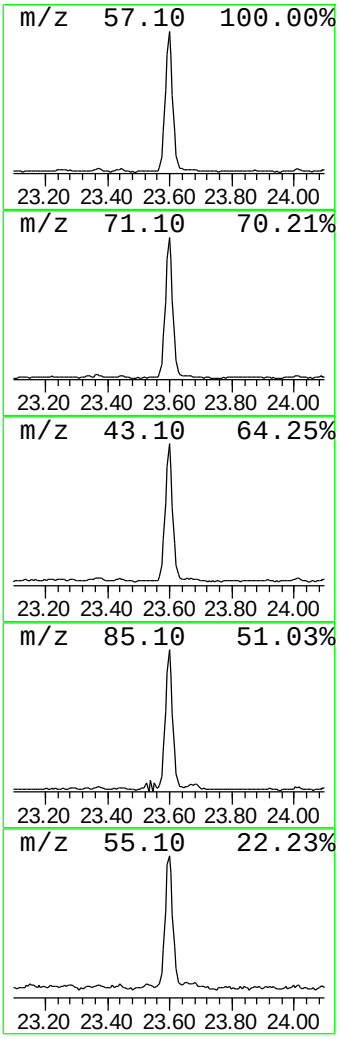
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	2.41 ng/ul	829164	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	3.05	40.2	ng/ul	4124070	1	7.86	2050270	20.0
(DEL) Alkane: Cyc...	21.12	2.5	ng/ul	793879	5	21.39	6376500	20.0
(DEL) Alkane: Str...	23.00	2.0	ng/ul	692931	6	23.68	6895220	20.0
(DEL) Alkane: Str...	23.60	2.4	ng/ul	829164	6	23.68	6895220	20.0