LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021481.D
Acq On : 16 Jul 2019 23:29
Operator : HP/JU
Sample : K3787-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C91

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-BM070819MA.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	3.263	44	47	53	rBV2	40103	57679	1.06%	0.130%
2	6.904	661	666	677	rVB2	142742	252341	4.66%	0.569%
3	7.069	689	694	705	rVB	512284	813273	15.00%	1.834%
4	7.257	720	726	734	rBV	597228	948853	17.51%	2.139%
5	7.722	799	805	815	rVB	608114	984591	18.17%	2.220%
6	8.433	920	926	938	rVB	423448	701305	12.94%	1.581%
7	8.886	996	1003	1015	rVB	687914	1157194	21.35%	2.609%
8	9.604	1118	1125	1137	rVB	539026	931122	17.18%	2.099%
9	10.063	1199	1203	1208	rBV3	5152	9622	0.18%	0.022%
10	10.133	1208	1215	1232	rBV	755253	1431406	26.41%	3.227%
11	10.510	1271	1279	1286	rBV	824024	1360528	25.10%	3.068%
12	10.675	1301	1307	1318	rVB2	39669	85276	1.57%	0.192%
13	11.733	1482	1487	1491	rBV5	8332	12176	0.22%	0.027%
14	12.121	1546	1553	1557	rBV2	9861	16970	0.31%	0.038%
15	12.968	1694	1697	1701	rBV4	5547	7741	0.14%	0.017%
16	13.251	1741	1745	1750	rVB3	4617	6374	0.12%	0.014%
17	13.786	1830	1836	1841	rVV	1562660	2172038	40.07%	4.897%
18	13.833	1841	1844	1852	rVB	149510	198623	3.66%	0.448%
19	14.063	1876	1883	1897	rVB	1840069	2718608	50.16%	6.130%
20	14.368	1929	1935	1943	rBV2	1203400	1801579	33.24%	4.062%
21	14.580	1964	1971	1972	rBV2	9315	11748	0.22%	0.026%
22	14.610	1972	1976	1989	rVB2	39910	93468	1.72%	0.211%
23	14.827	2009	2013	2019	rBV5	2892	7297	0.13%	0.016%
24	15.210	2074	2078	2083	rVB3	5692	8704	0.16%	0.020%
25	15.362	2098	2104	2117	rBV	2379675	3382508	62.41%	7.627%
26	15.498	2122	2127	2142	rVV	446829	720966	13.30%	1.626%
27	15.604	2142	2145	2150	rVB2	24763	34606	0.64%	0.078%
28	16.080	2221	2226	2232	rVB4	6728	11155	0.21%	0.025%
29	16.151	2234	2238	2242	rBV3	8244	11202	0.21%	0.025%
30	16.868	2356	2360	2363	rBV3	7538	11102	0.20%	0.025%
31	16.909	2365	2367	2370	rVB2	5184	5730	0.11%	0.013%
32	17.121	2396	2403	2410	rBV	1537984	2126187	39.23%	4.794%
33	17.221	2413	2420	2432	rBV	2590221	3703225	68.32%	8.350%
34	17.515	2464	2470	2477	rBV6	8349	19938	0.37%	0.045%

LSC Area Percent Report

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Sample : K3787-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C91

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-BM070819MA.M
Title : SVOA CALIBRATION

35	17.603	2482	2485	2490	rBV4	9081	14124	0.26%	0.032%
36	18.009	2550	2554	2565	rBV2	93860	165063	3.05%	0.372%
37	18.298	2599	2603	2607	rBV2	17222	22796	0.42%	0.051%
38	18.933	2708	2711	2719	rBV3	33703	50307	0.93%	0.113%
39	19.150	2745	2748	2752	rBV	62772	84974	1.57%	0.192%
40	19.297	2769	2773	2781	rBV4	63417	122699	2.26%	0.277%
41	19.515	2804	2810	2816	rBV	3375847	4559525	84.12%	10.280%
42	20.050	2898	2901	2906	rBV2	98691	114614	2.11%	0.258%
43	20.550	2983	2986	2989	rBV2	218159	228567	4.22%	0.515%
44	21.015	3062	3065	3069	rBV	353446	388654	7.17%	0.876%
45	21.309	3111	3115	3123	rBV	1815455	2427220	44.78%	5.473%
46	21.450	3136	3139	3143	rVB	423306	428927	7.91%	0.967%
47	21.886	3210	3213	3221	rVB	492583	589373	10.87%	1.329%
48	22.350	3289	3292	3304	rVB	580157	765958	14.13%	1.727%
49	22.856	3375	3378	3385	rVB	490236	662065	12.21%	1.493%
50	23.427	3468	3475	3486	rVB	2947300	5420111	100.00%	12.221%
51	23.568	3494	3499	3508	rVB	1335857	2491892	45.97%	5.618%

Sum of corrected areas: 44352004

LSC Report - Integrated Chromatogram

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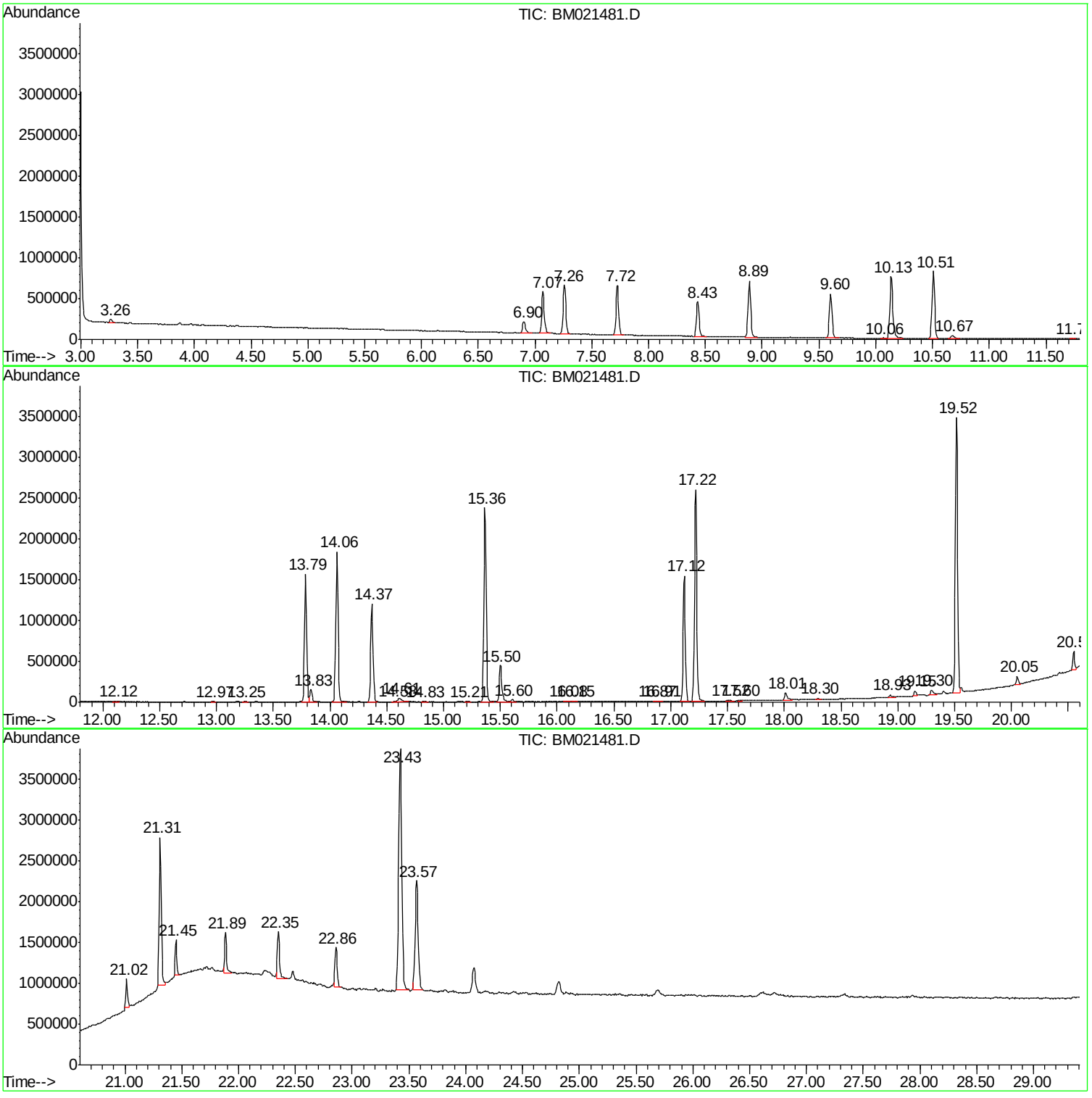
Acq On : 16 Jul 2019 23:29
Operator : HP/JU
Sample : K3787-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C91

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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\BM071619\
Data File : BM021481.D
Acq On : 16 Jul 2019 23:29
Operator : HP/JU
Sample : K3787-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C91

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

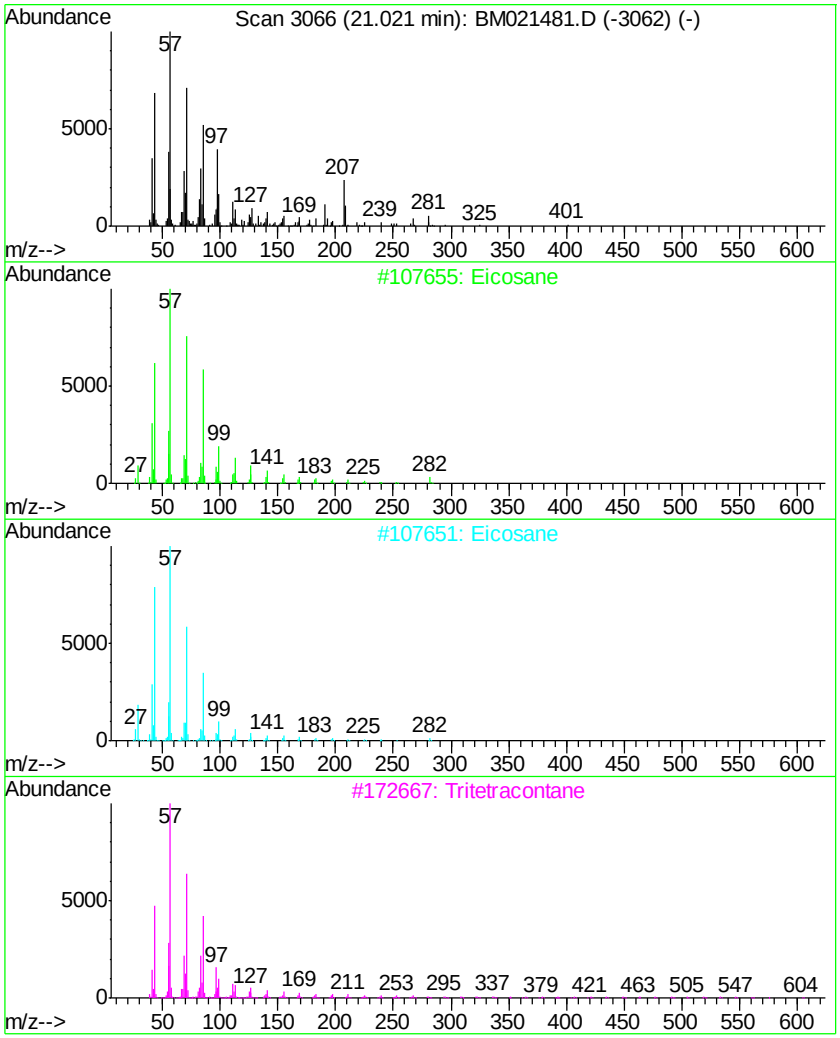
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

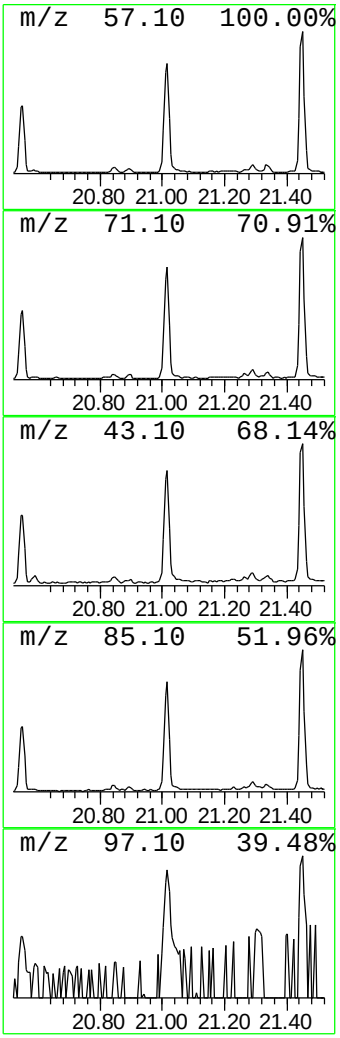
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.20 ng/ul	388654	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane	282	C20H42	000112-95-8	93
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
5	Tetratetracontane	619	C44H90	007098-22-8	90





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Data File : BM021481.D
Acq On : 16 Jul 2019 23:29
Operator : HP/JU
Sample : K3787-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C91

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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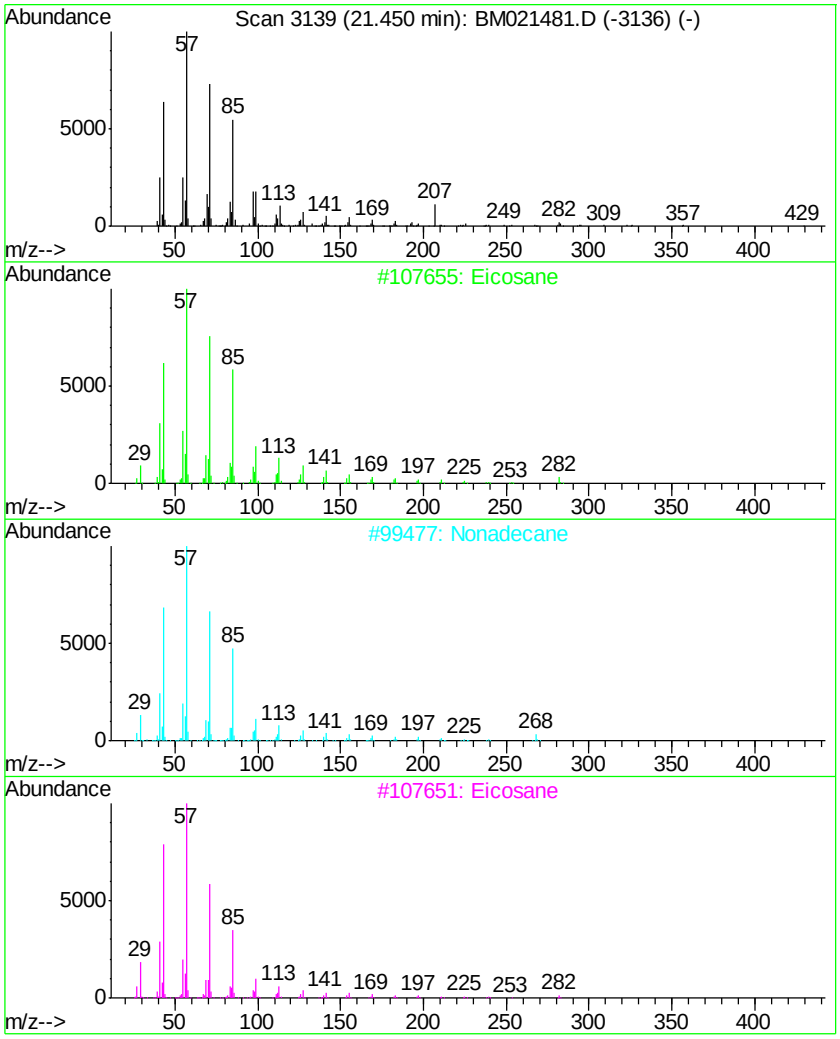
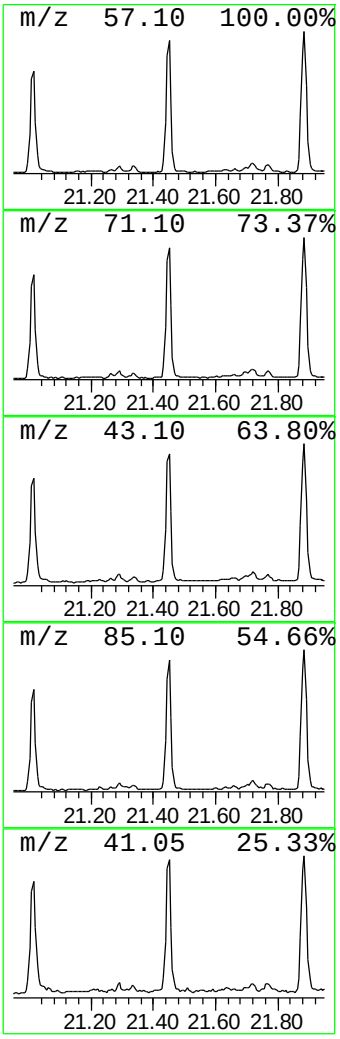
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	3.53 ng/ul	428927	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Nonadecane	268	C19H40	000629-92-5	94
3	Eicosane	282	C20H42	000112-95-8	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

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Data File : BM021481.D
Acq On : 16 Jul 2019 23:29
Operator : HP/JU
Sample : K3787-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C91

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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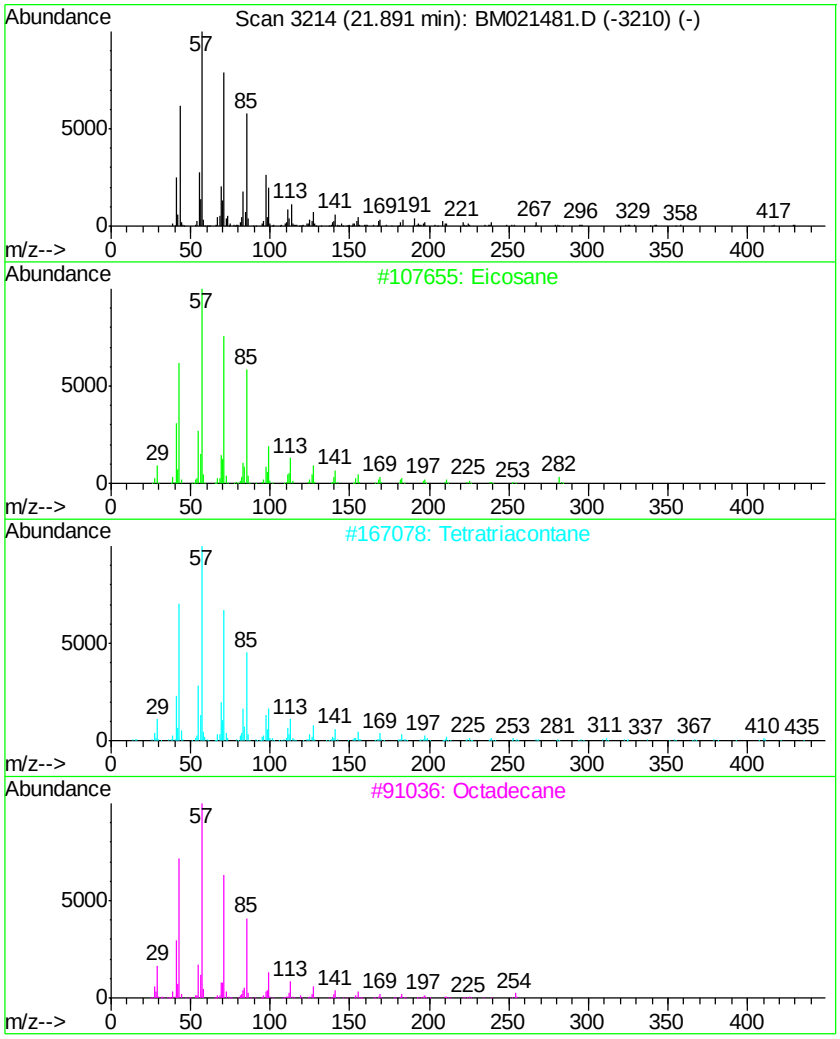
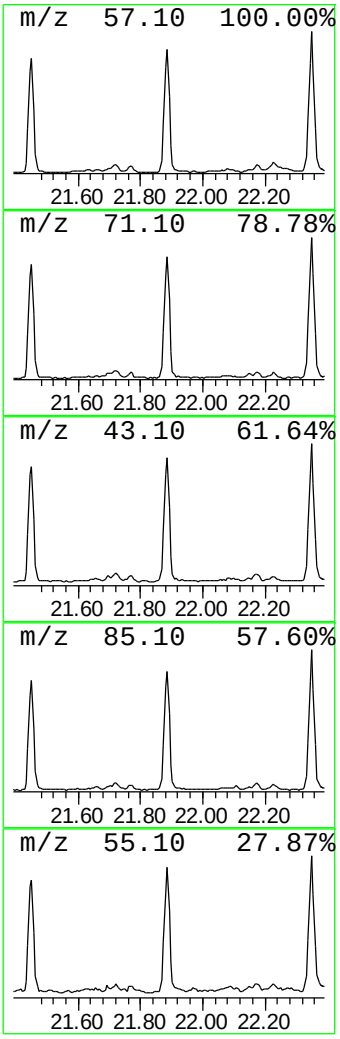
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	4.86 ng/ul	589373	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Tetratriacontane	479	C34H70	014167-59-0	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Sample : K3787-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0C91

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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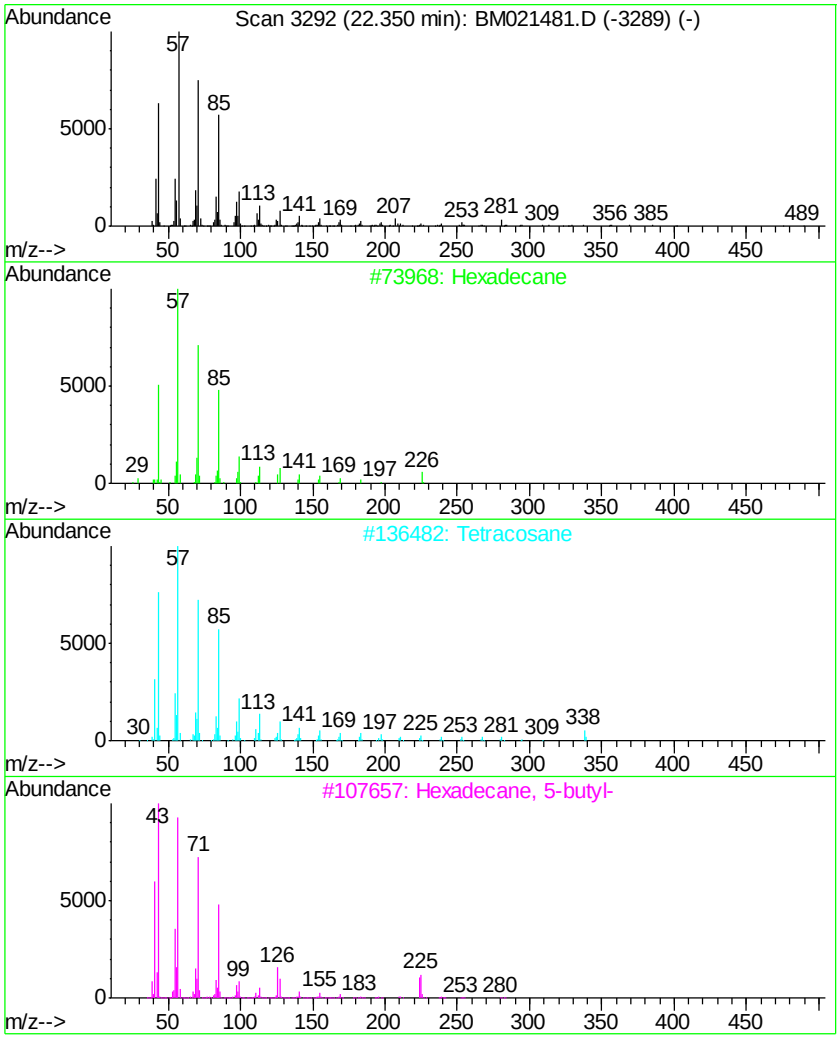
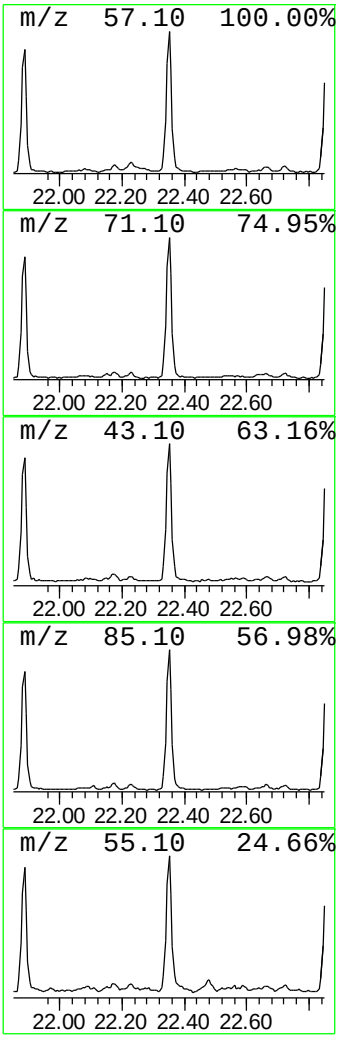
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	6.31 ng/ul	765958	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





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Misc :
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Instrument : BNA_M
ClientSampleId : C0C91

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

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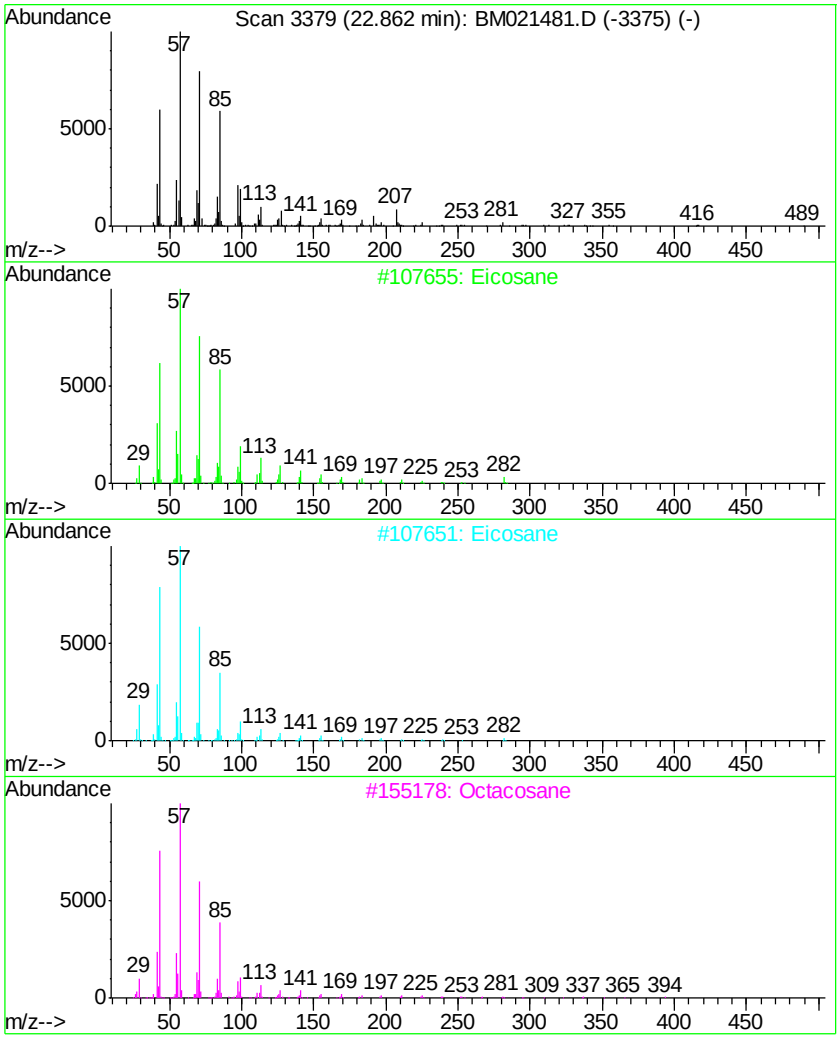
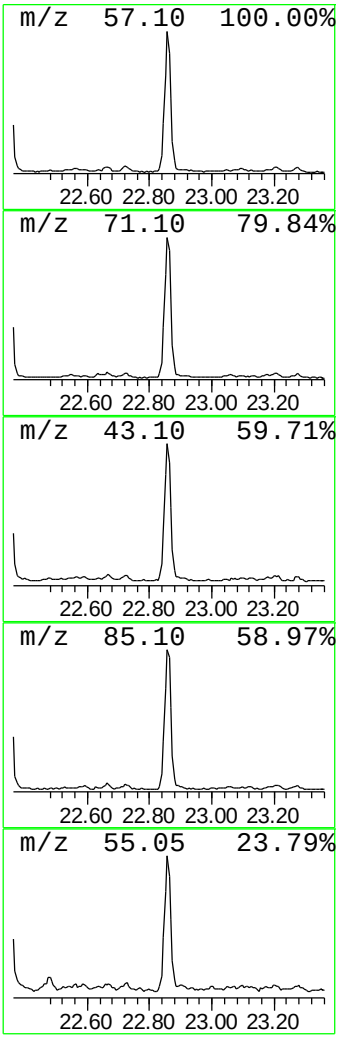
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	5.31 ng/ul	662065	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane	282	C20H42	000112-95-8	95
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87





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
(DEL) Alkane: Str...	21.02	3.2	ng/ul	388654	5	21.31	2427220	20.0
(DEL) Alkane: Str...	21.45	3.5	ng/ul	428927	5	21.31	2427220	20.0
(DEL) Alkane: Str...	21.89	4.9	ng/ul	589373	5	21.31	2427220	20.0
(DEL) Alkane: Str...	22.35	6.3	ng/ul	765958	5	21.31	2427220	20.0
(DEL) Alkane: Str...	22.86	5.3	ng/ul	662065	6	23.57	2491890	20.0