LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103119\
Data File : BM023562.D
Acq On : 01 Nov 2019 16:45
Operator : JU
Sample : K5511-09
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM5

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-BM102319MA.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	3.146	24	27	34	rVB	109669	148613	1.26%	0.133%
2	6.787	641	646	657	rVB	531037	942029	7.98%	0.845%
3	6.951	668	674	683	rBV	1439910	2354323	19.94%	2.111%
4	7.146	701	707	716	rVB	1711157	2771967	23.48%	2.485%
5	7.604	779	785	796	rVB	1608406	2568821	21.76%	2.303%
6	8.316	900	906	918	rBV	1400605	2284815	19.35%	2.049%
7	8.757	974	981	993	rVB	1898677	3173036	26.88%	2.845%
8	9.222	1056	1060	1063	rVB3	16189	24596	0.21%	0.022%
9	9.475	1096	1103	1112	rBV	1546814	2539995	21.51%	2.277%
10	10.010	1187	1194	1212	rBV	2226459	3813993	32.30%	3.420%
11	10.381	1250	1257	1267	rBV	2132510	3565662	30.20%	3.197%
12	10.528	1274	1282	1293	rBV	174404	336422	2.85%	0.302%
13	11.981	1523	1529	1535	rBV	37610	64375	0.55%	0.058%
14	13.675	1809	1817	1822	rBV	4232637	5842041	49.48%	5.238%
15	13.722	1822	1825	1832	rVB	247560	325053	2.75%	0.291%
16	13.945	1855	1863	1878	rBV	4932241	7245269	61.37%	6.496%
17	14.257	1909	1916	1923	rBV	3128340	4573728	38.74%	4.101%
18	14.310	1923	1925	1931	rVB6	24341	31552	0.27%	0.028%
19	14.474	1946	1953	1967	rBV2	301433	641151	5.43%	0.575%
20	14.692	1988	1990	1996	rVB7	18473	28437	0.24%	0.025%
21	15.022	2042	2046	2049	rBV3	12123	17753	0.15%	0.016%
22	15.092	2052	2058	2061	rVV7	6372	12205	0.10%	0.011%
23	15.139	2061	2066	2070	rVB6	9400	15518	0.13%	0.014%
24	15.251	2075	2085	2093	rBV	5830144	8610779	72.93%	7.721%
25	15.380	2101	2107	2121	rBV	1524635	2186729	18.52%	1.961%
26	15.492	2122	2126	2129	rBV2	70436	100009	0.85%	0.090%
27	15.774	2170	2174	2179	rVB5	18283	30511	0.26%	0.027%
28	15.939	2195	2202	2210	rBV	141927	275281	2.33%	0.247%
29	16.039	2216	2219	2226	rVB4	30067	46702	0.40%	0.042%
30	16.110	2227	2231	2235	rVV2	9088	12309	0.10%	0.011%
31	16.168	2237	2241	2247	rVV8	12910	23756	0.20%	0.021%
32	16.227	2248	2251	2255	rVB5	11400	13973	0.12%	0.013%
33	16.274	2255	2259	2263	rBV6	12240	22369	0.19%	0.020%
34	16.416	2280	2283	2290	rBV8	15329	29625	0.25%	0.027%

LSC Area Percent Report

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Acq On : 01 Nov 2019 16:45
Operator : JU
Sample : K5511-09
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM5

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-BM102319MA.M
Title : SVOA CALIBRATION

35	16.486	2292	2295	2297	rBV3	10186	12656	0.11%	0.011%
36	16.686	2324	2329	2332	rBV5	13095	19969	0.17%	0.018%
37	16.792	2343	2347	2350	rBV2	18852	27637	0.23%	0.025%
38	17.004	2376	2383	2392	rBV	3659788	5120022	43.37%	4.591%
39	17.104	2393	2400	2412	rVV	6617836	9422820	79.81%	8.449%
40	17.921	2535	2539	2550	rBV	199368	346181	2.93%	0.310%
41	18.233	2590	2592	2596	rVB4	18602	14962	0.13%	0.013%
42	19.039	2725	2729	2732	rBV	73379	98552	0.83%	0.088%
43	19.209	2755	2758	2764	rBV4	89638	127874	1.08%	0.115%
44	19.292	2768	2772	2776	rVB	64546	102344	0.87%	0.092%
45	19.404	2785	2791	2798	rBV	8235312	10835102	91.77%	9.715%
46	20.945	3049	3053	3059	rBV	805796	1154508	9.78%	1.035%
47	21.203	3092	3097	3104	rBV	4352757	5760696	48.79%	5.165%
48	21.386	3125	3128	3131	rBV	304956	320056	2.71%	0.287%
49	21.809	3197	3200	3208	rBV	530247	685662	5.81%	0.615%
50	22.268	3274	3278	3283	rVB	737239	942515	7.98%	0.845%
51	22.762	3358	3362	3369	rVB	862566	1276899	10.82%	1.145%
52	23.256	3439	3446	3452	rBV	6660861	11806500	100.00%	10.586%
53	23.321	3453	3457	3462	rVV	840306	1307217	11.07%	1.172%
54	23.392	3463	3469	3478	rVB	3551878	6339864	53.70%	5.684%
55	23.950	3560	3564	3571	rVB	643599	1134943	9.61%	1.018%

Sum of corrected areas: 111530376

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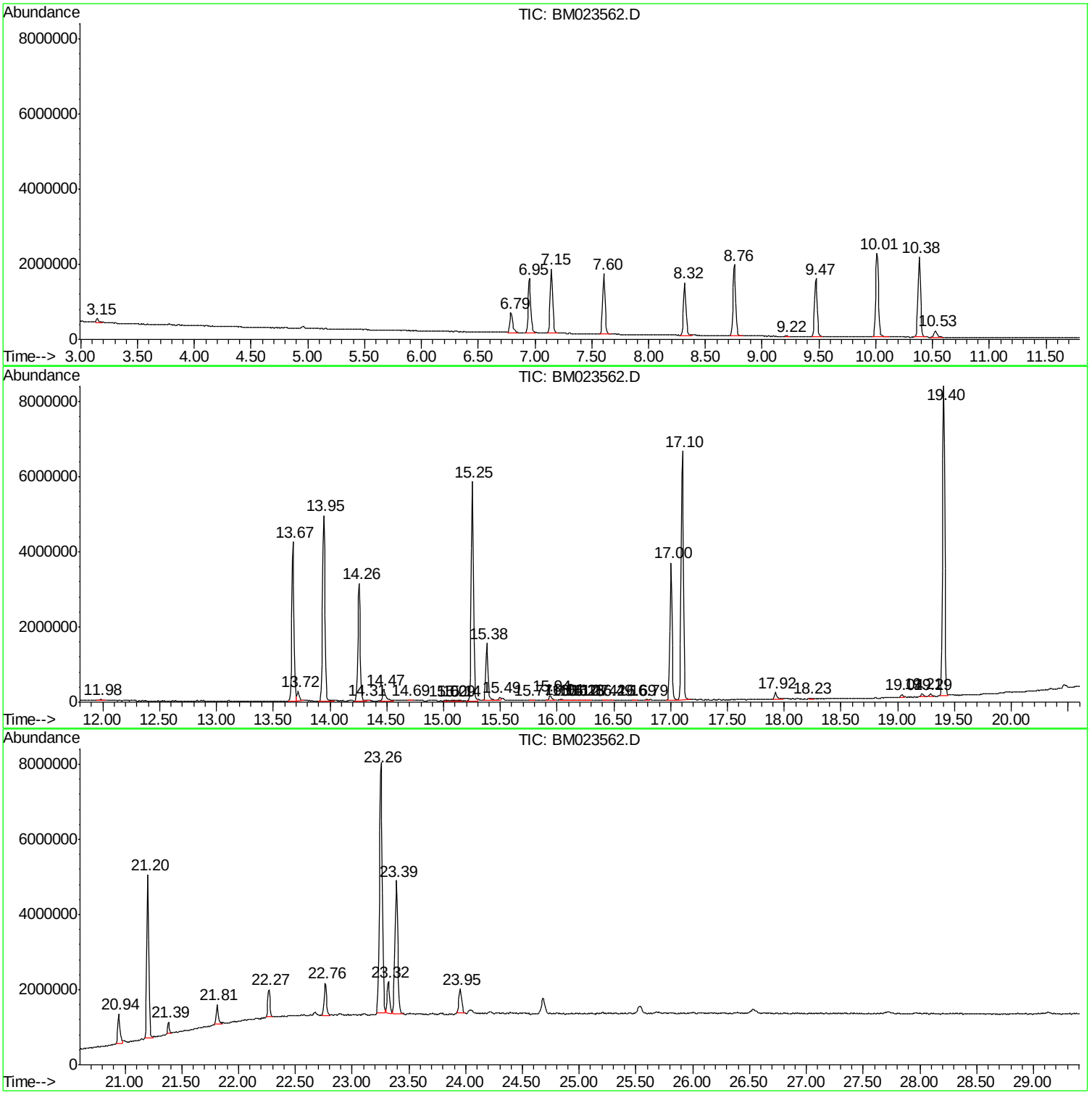
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103119\
Data File : BM023562.D
Acq On : 01 Nov 2019 16:45
Operator : JU
Sample : K5511-09
Misc :
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Instrument : BNA_M
ClientSampleId : BEJM5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

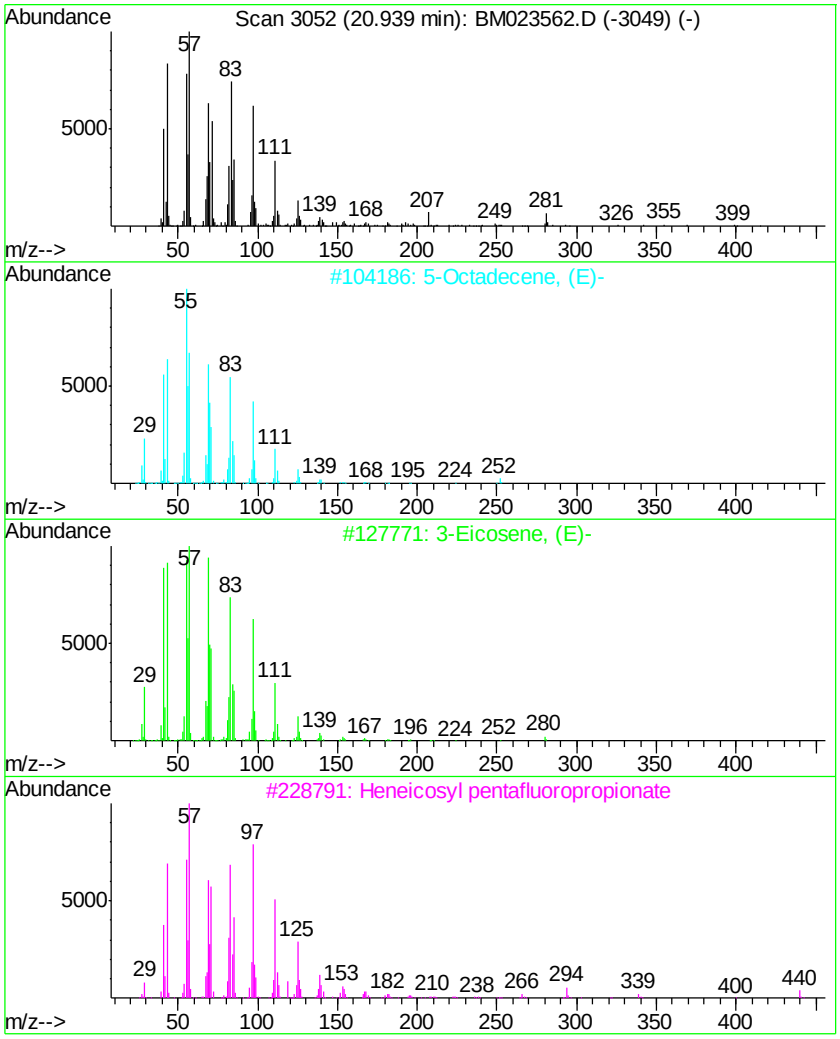
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

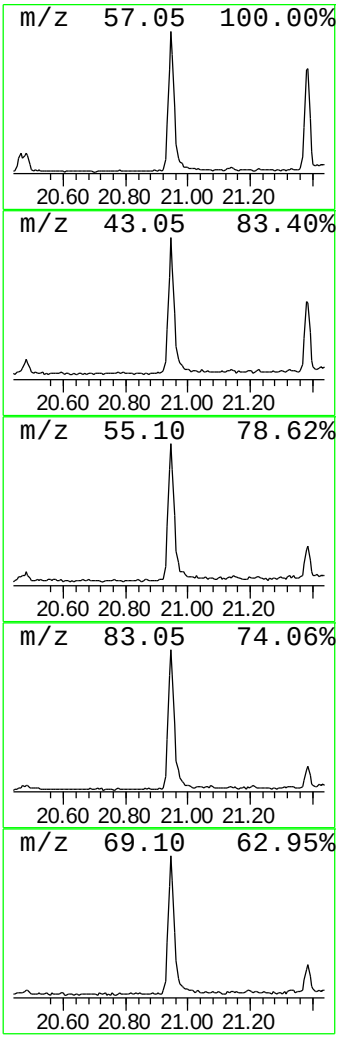
****

Peak Number 1 (DEL) Alkane: Cyclic20.94 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.01 ng/ul	1154510	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3	Heneicosyl pentafluoropropionate	458	C24H43F5O2	1000351-81-1	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103119\
Data File : BM023562.D
Acq On : 01 Nov 2019 16:45
Operator : JU
Sample : K5511-09
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

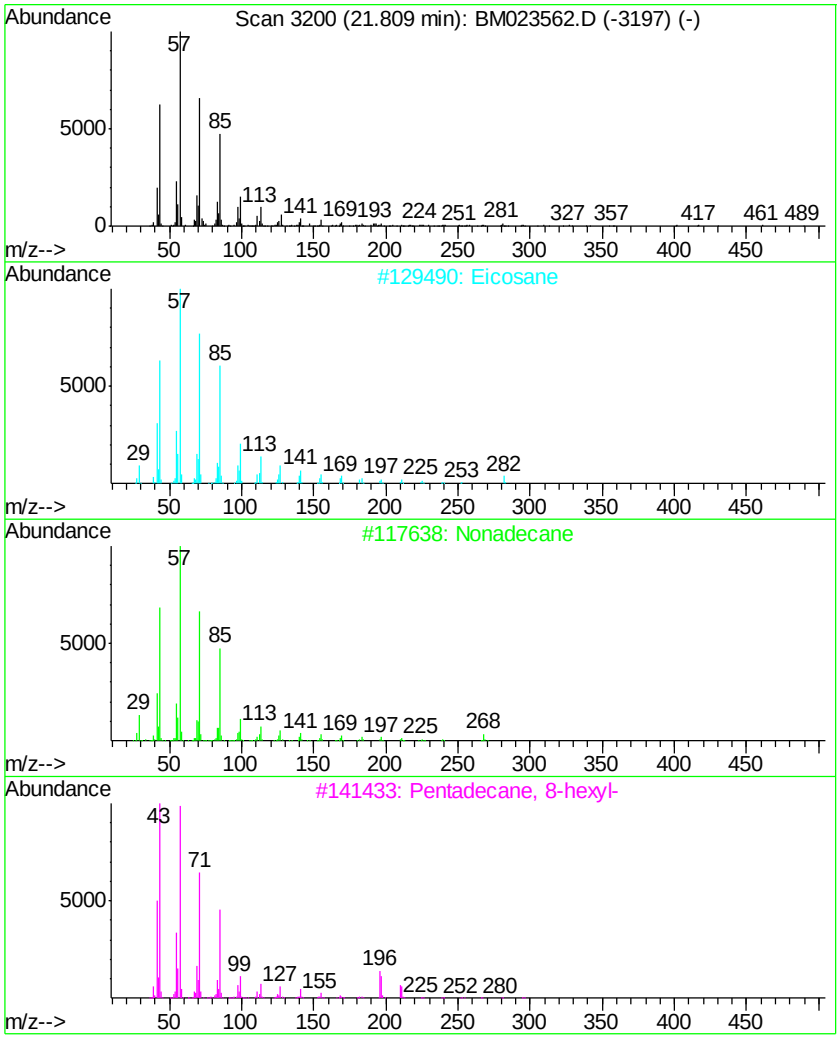
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

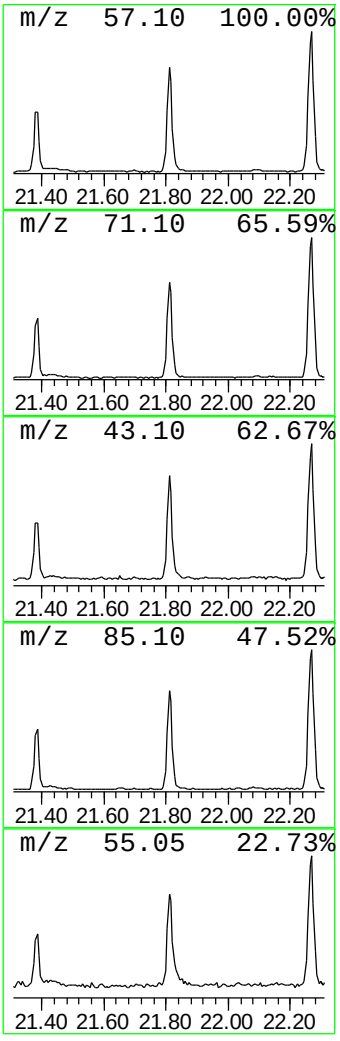
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	2.38 ng/ul	685662	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Eicosane	282	C20H42	000112-95-8	93





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Acq On : 01 Nov 2019 16:45
Operator : JU
Sample : K5511-09
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

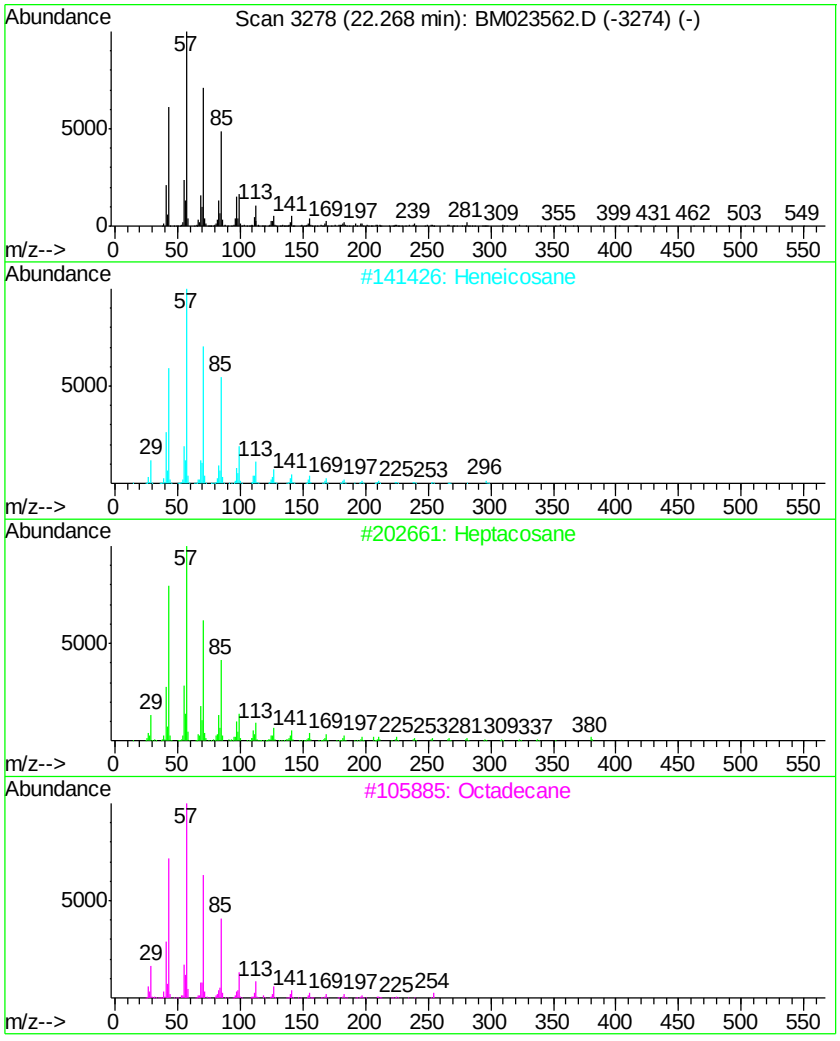
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

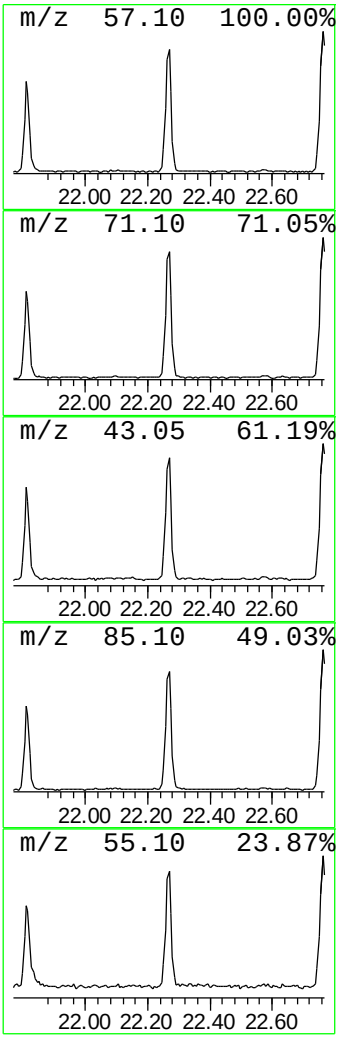
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	3.27 ng/ul	942515	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octadecane	254	C18H38	000593-45-3	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Library Search Compound Report

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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

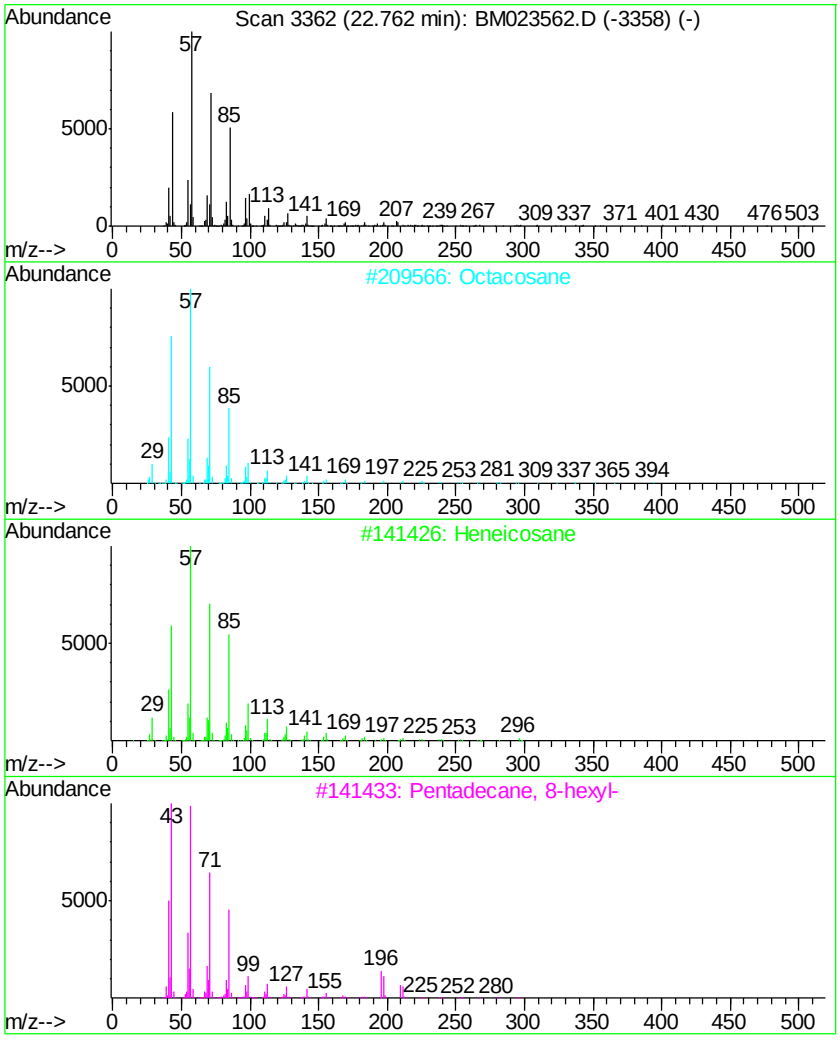
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

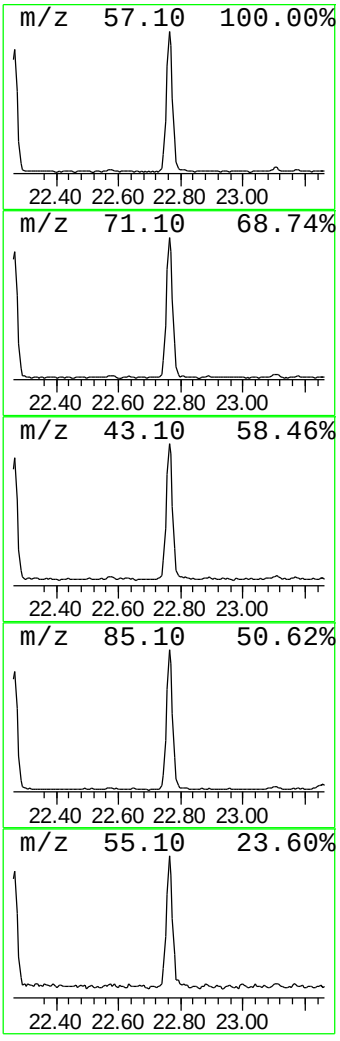
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	4.03 ng/ul	1276900	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
4	Hexatriacontane	507	C36H74	000630-06-8	86
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83





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ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJM5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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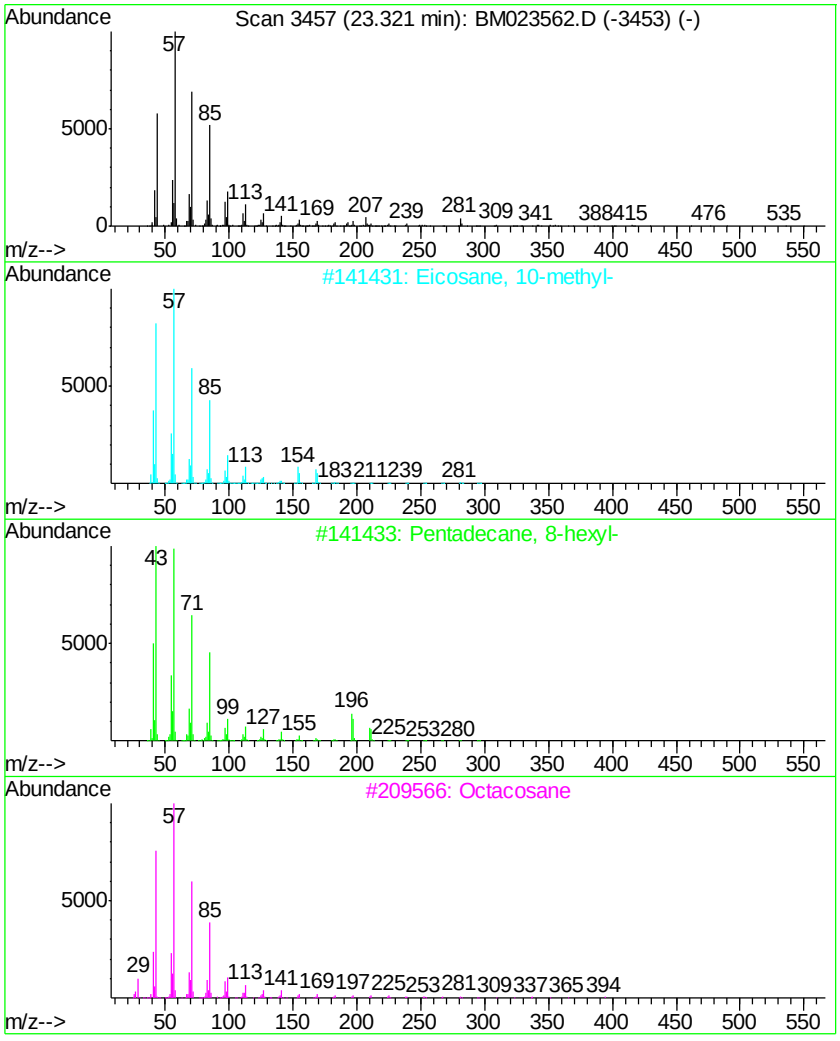
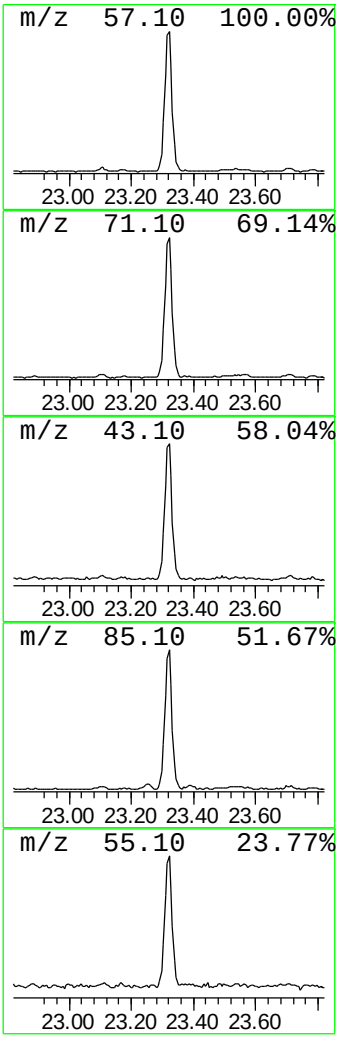
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	4.12 ng/ul	1307220	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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ClientSampleId : BEJM5

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Quant Title : SVOA CALIBRATION

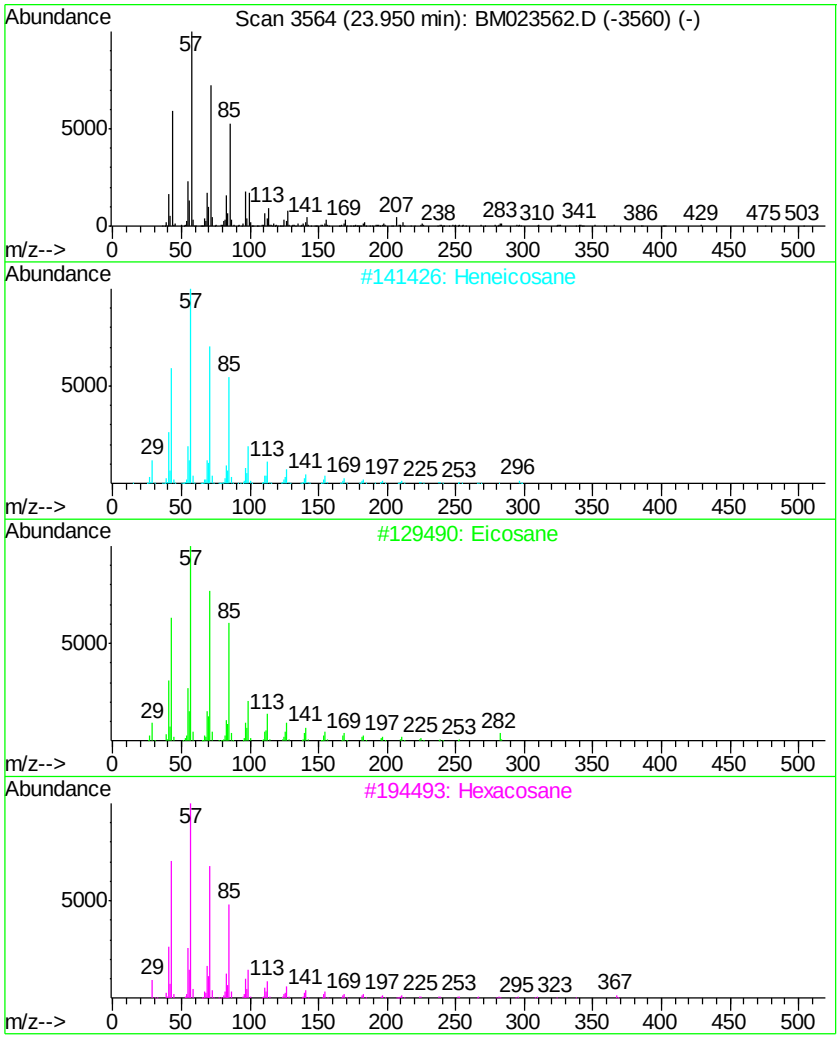
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

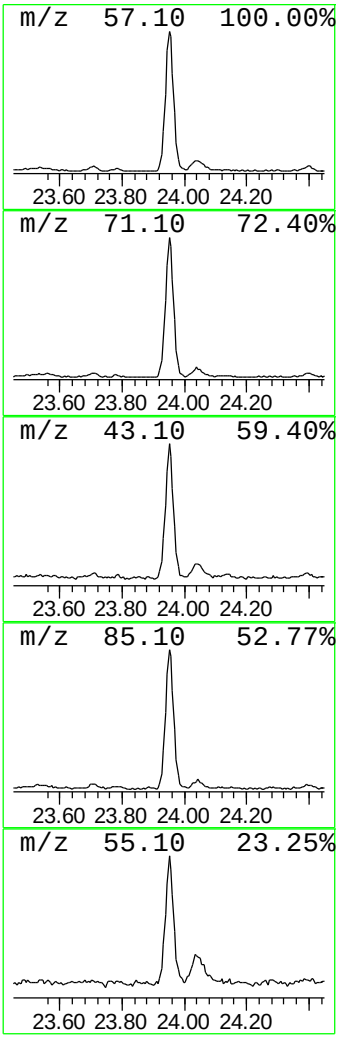
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	3.58 ng/ul	1134940	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Eicosane	282	C20H42	000112-95-8	95
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Heptadecane	240	C17H36	000629-78-7	90





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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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...	20.94	4.0	ng/ul	1154510	5	21.20	5760700	20.0
(DEL) Alkane: Str...	21.81	2.4	ng/ul	685662	5	21.20	5760700	20.0
(DEL) Alkane: Str...	22.27	3.3	ng/ul	942515	5	21.20	5760700	20.0
(DEL) Alkane: Str...	22.76	4.0	ng/ul	1276900	6	23.39	6339860	20.0
(DEL) Alkane: Str...	23.32	4.1	ng/ul	1307220	6	23.39	6339860	20.0
(DEL) Alkane: Str...	23.95	3.6	ng/ul	1134940	6	23.39	6339860	20.0