LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023497.D
Acq On : 31 Oct 2019 00:15
Operator : JU
Sample : PB124235BL
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK35

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	25	27	33	rVB	94514	120045	1.05%	0.109%
2	6.798	642	648	658	rVB	362221	620623	5.41%	0.566%
3	6.957	669	675	687	rBV	1274718	2038738	17.76%	1.860%
4	7.151	702	708	722	rVB	1415382	2241219	19.52%	2.044%
5	7.616	780	787	795	rBV	1917806	2966646	25.84%	2.706%
6	7.698	798	801	806	rVB3	23197	32588	0.28%	0.030%
7	8.328	901	908	919	rBV	999126	1622095	14.13%	1.480%
8	8.439	923	927	935	rVB2	37848	66173	0.58%	0.060%
9	8.763	975	982	993	rBV	1675172	2723179	23.72%	2.484%
10	8.904	1003	1006	1010	rVV5	12906	19167	0.17%	0.017%
11	8.939	1010	1012	1019	rVB7	8253	13493	0.12%	0.012%
12	9.480	1097	1104	1117	rBV	1318058	2166260	18.87%	1.976%
13	10.022	1188	1196	1207	rBV	1870716	3125549	27.22%	2.851%
14	10.392	1251	1259	1268	rVB	2484547	4097984	35.69%	3.738%
15	10.533	1276	1283	1291	rBV	115410	233484	2.03%	0.213%
16	11.992	1524	1531	1541	rVB3	31130	60703	0.53%	0.055%
17	12.886	1679	1683	1687	rVB5	7707	12155	0.11%	0.011%
18	13.680	1811	1818	1823	rBV	3800153	5237225	45.62%	4.777%
19	13.727	1823	1826	1834	rVB	297334	411159	3.58%	0.375%
20	13.951	1856	1864	1878	rBV	4213183	6302624	54.89%	5.749%
21	14.263	1910	1917	1929	rBV	3758941	5508111	47.97%	5.024%
22	14.480	1948	1954	1971	rBV	154170	367411	3.20%	0.335%
23	14.692	1985	1990	1991	rBV4	11599	15526	0.14%	0.014%
24	15.104	2054	2060	2064	rBV7	10117	17558	0.15%	0.016%
25	15.262	2080	2087	2097	rBV	5549603	8022607	69.88%	7.318%
26	15.386	2102	2108	2120	rVV	1505814	2102110	18.31%	1.917%
27	15.504	2123	2128	2133	rVB2	69266	105320	0.92%	0.096%
28	16.051	2217	2221	2226	rVV3	20994	29592	0.26%	0.027%
29	16.692	2326	2330	2334	rVB6	10956	16594	0.14%	0.015%
30	16.798	2344	2348	2353	rBV3	18034	26529	0.23%	0.024%
31	17.009	2378	2384	2394	rBV2	4453856	6316491	55.02%	5.761%
32	17.109	2394	2401	2416	rVV	6727226	9325750	81.23%	8.506%
33	17.927	2535	2540	2545	rBV3	100242	145667	1.27%	0.133%
34	19.045	2726	2730	2737	rBV	65811	87583	0.76%	0.080%

LSC Area Percent Report

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Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK35

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	19.215	2756	2759	2766	rBV8	35434	54701	0.48%	0.050%
36	19.297	2769	2773	2777	rVV	63054	85327	0.74%	0.078%
37	19.409	2786	2792	2799	rBV	8206501	10753143	93.66%	9.808%
38	20.944	3049	3053	3060	rBV	531691	826222	7.20%	0.754%
39	21.203	3092	3097	3104	rBV	5903373	7200455	62.71%	6.568%
40	21.386	3125	3128	3131	rBV2	256980	288736	2.51%	0.263%
41	21.815	3198	3201	3208	rBV	438623	505459	4.40%	0.461%
42	22.268	3275	3278	3283	rVB	678061	848594	7.39%	0.774%
43	22.768	3359	3363	3369	rVB	850981	1162710	10.13%	1.061%
44	23.256	3439	3446	3453	rBV	6602017	11481318	100.00%	10.472%
45	23.327	3454	3458	3463	rVV	878221	1390245	12.11%	1.268%
46	23.397	3463	3470	3483	rVB	4034760	7594700	66.15%	6.927%
47	23.962	3562	3566	3573	rVB	725861	1245679	10.85%	1.136%

Sum of corrected areas: 109635247

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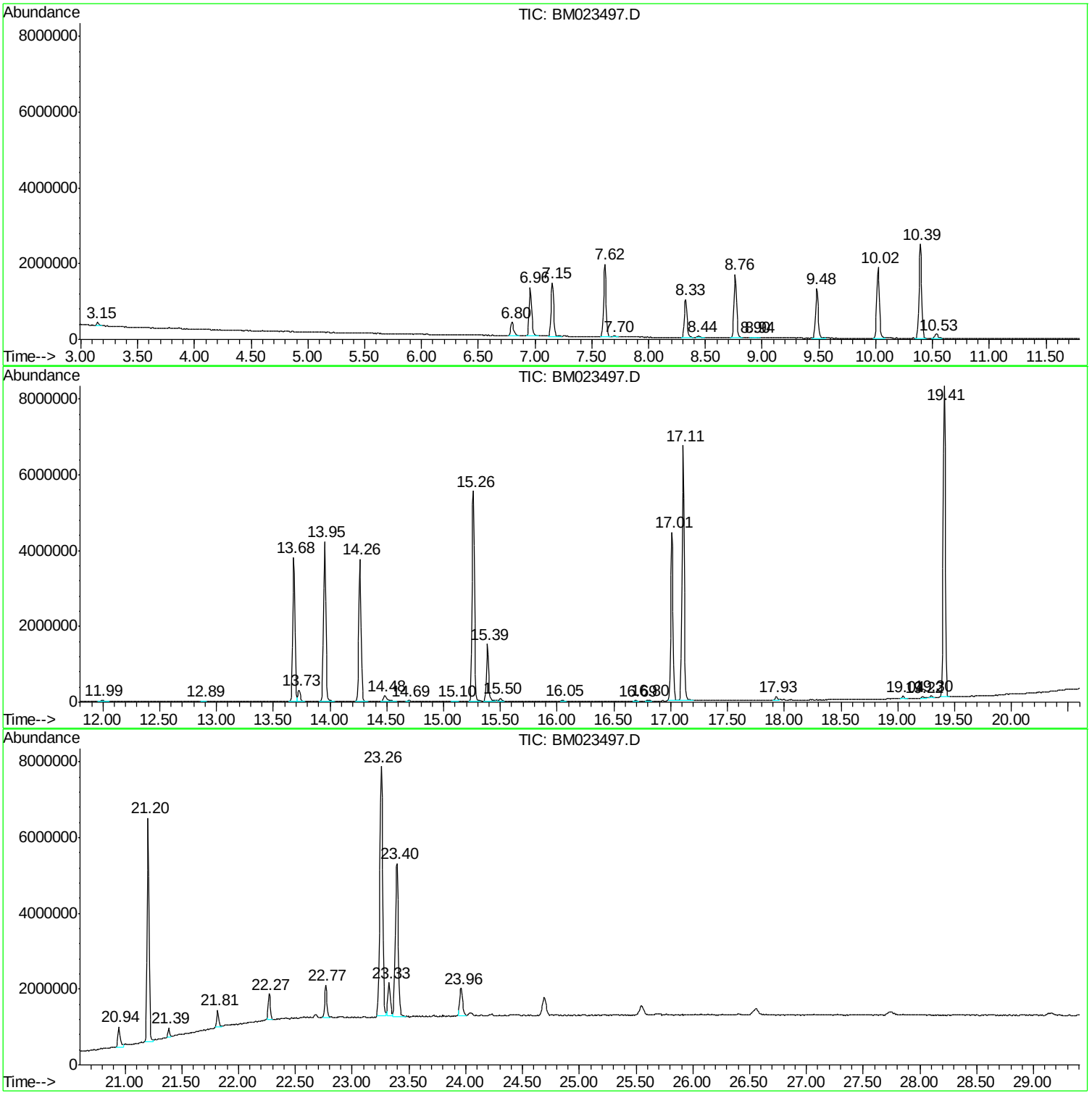
Instrument :
BNA_M
ClientSampleId :
SBLK35

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

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Acq On : 31 Oct 2019 00:15
Operator : JU
Sample : PB124235BL
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK35

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

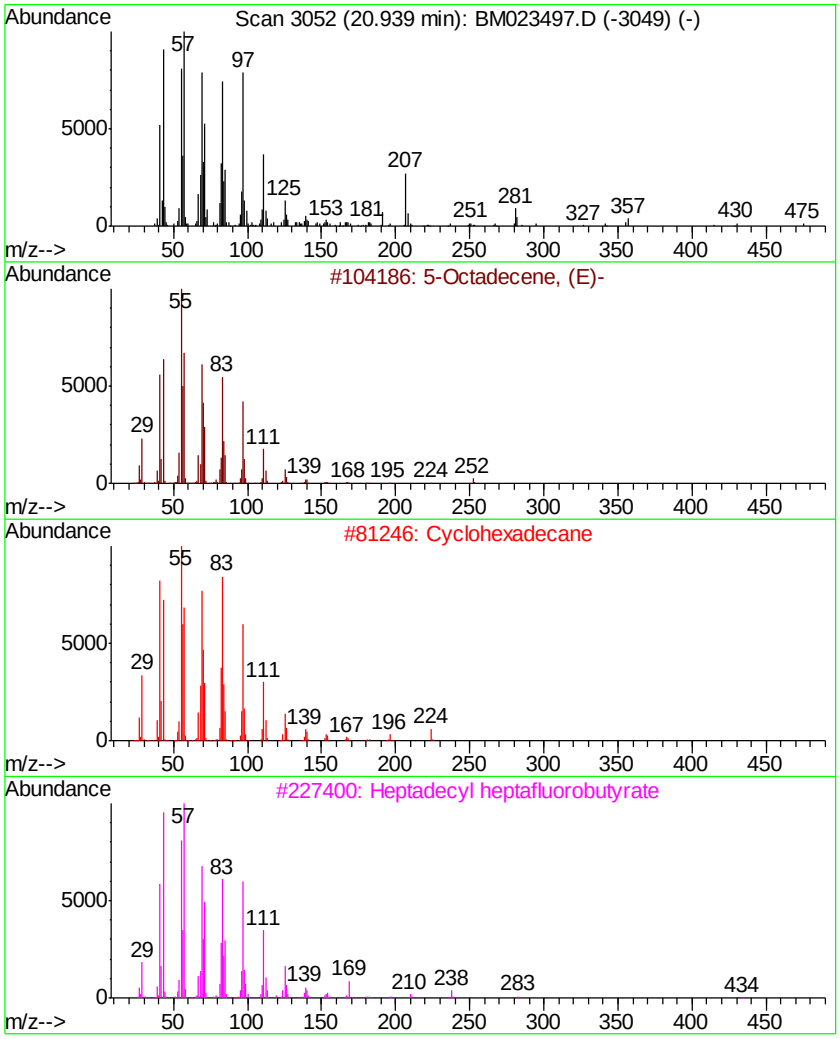
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

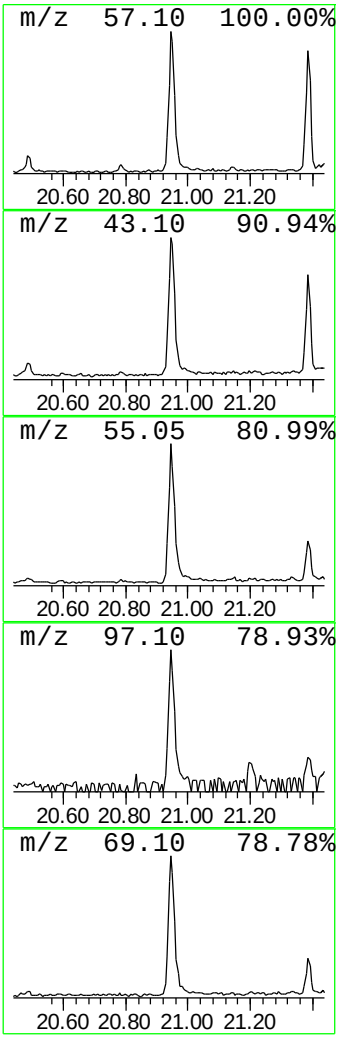
****

Peak Number 1 (DEL) Alkane: Cyclic20.94 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.29 ng/ul	826222	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
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Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK35

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

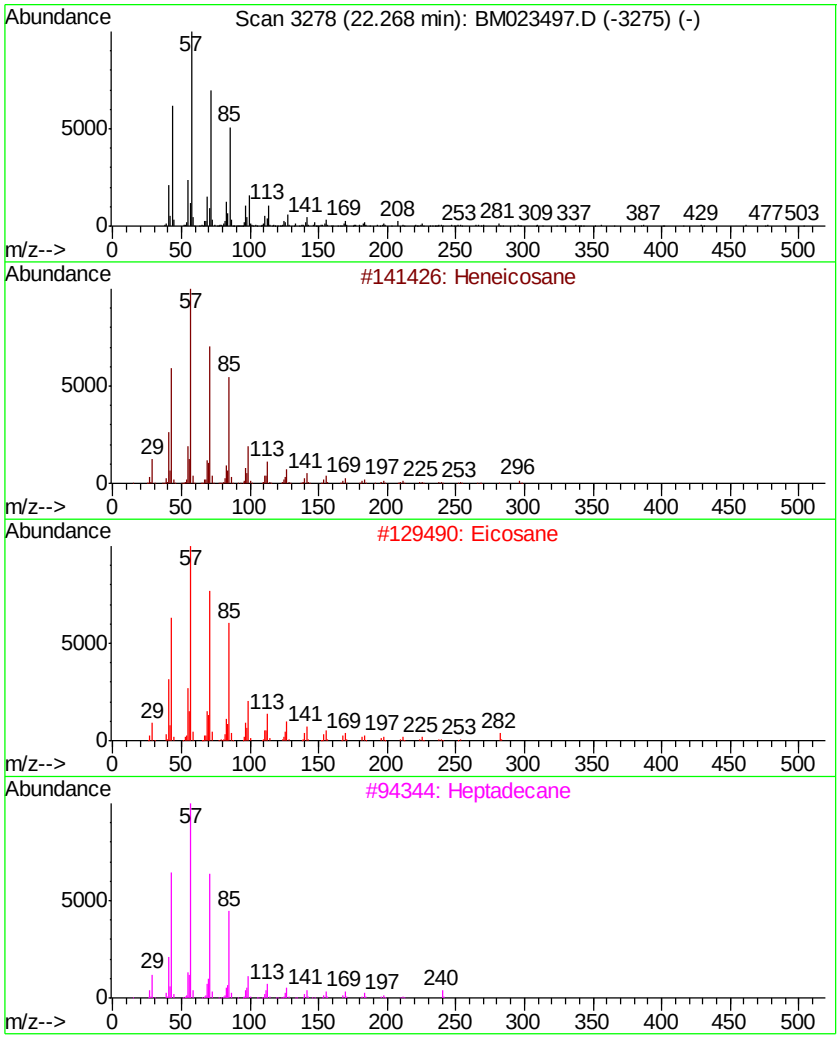
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

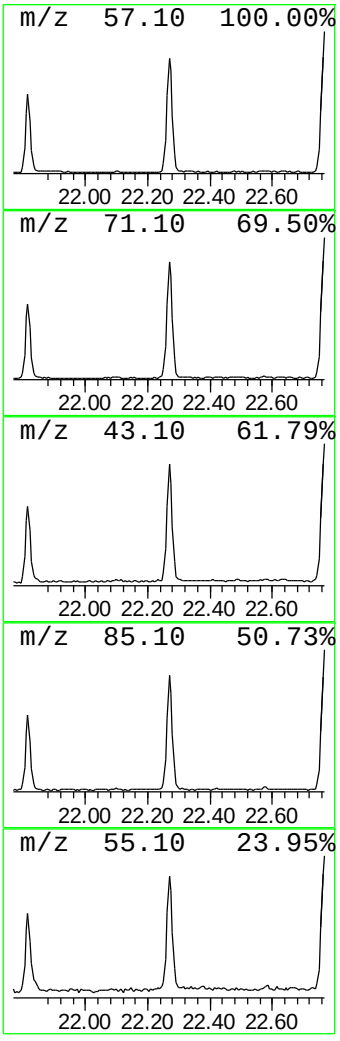
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	2.36 ng/ul	848594	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Eicosane	282	C20H42	000112-95-8	94
3	Heptadecane	240	C17H36	000629-78-7	94
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
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Operator : JU
Sample : PB124235BL
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK35

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

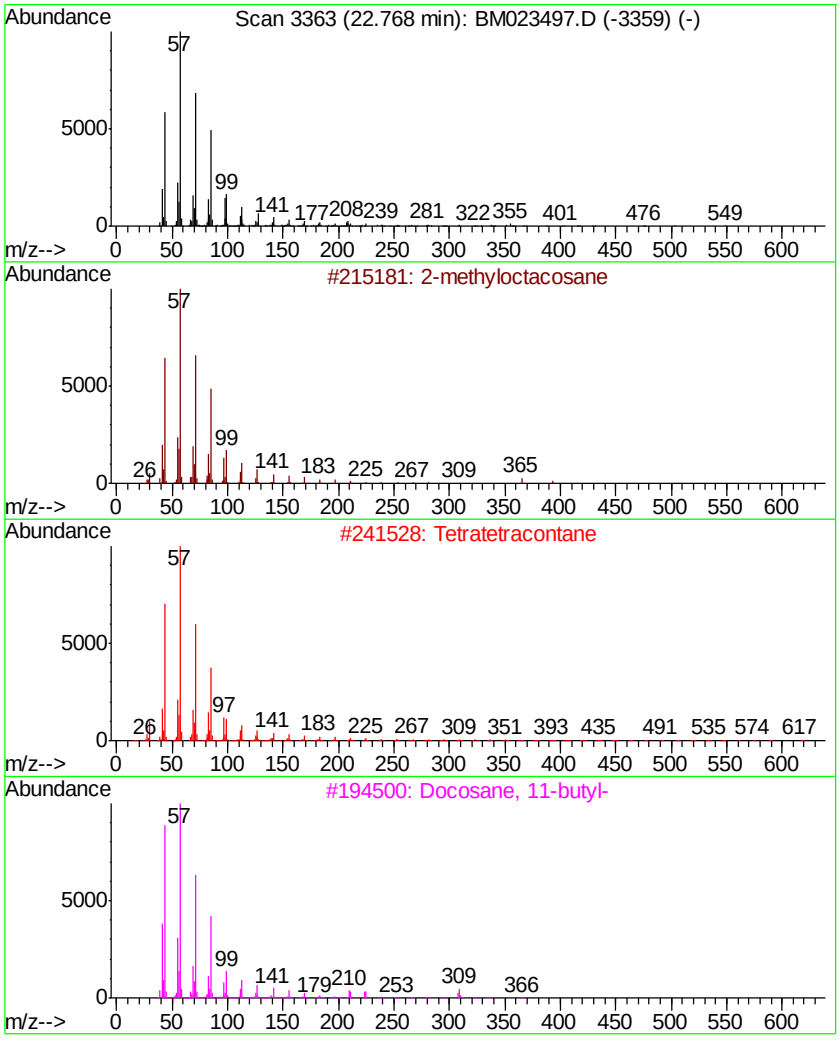
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

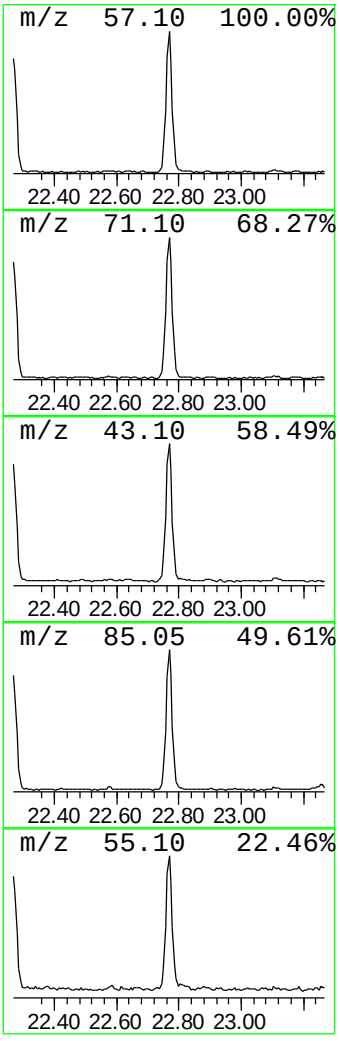
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	3.06 ng/ul	1162710	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetracosane	338	C24H50	000646-31-1	87





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Sample : PB124235BL
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK35

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

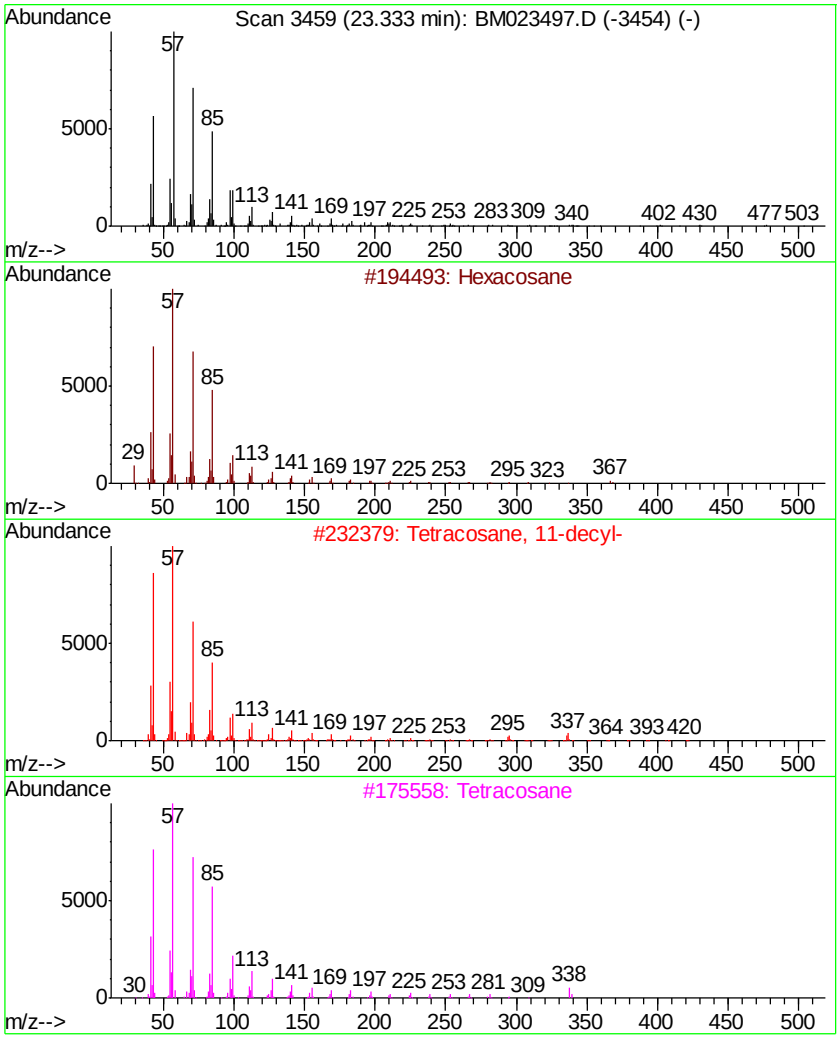
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

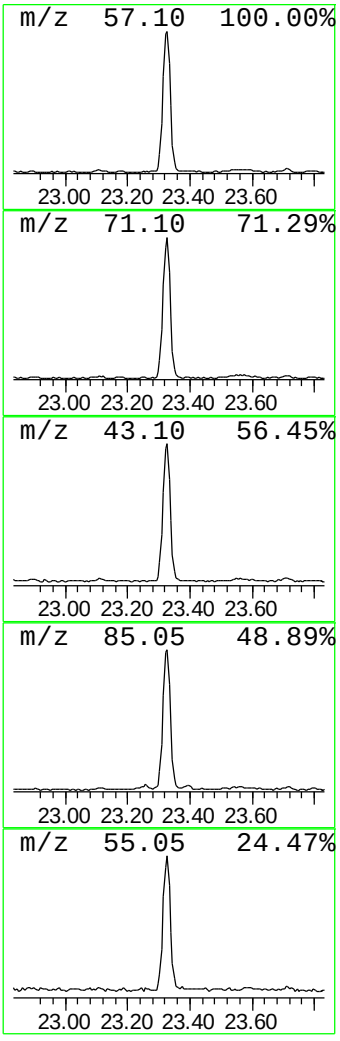
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	3.66 ng/ul	1390250	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	90





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Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SBLK35

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

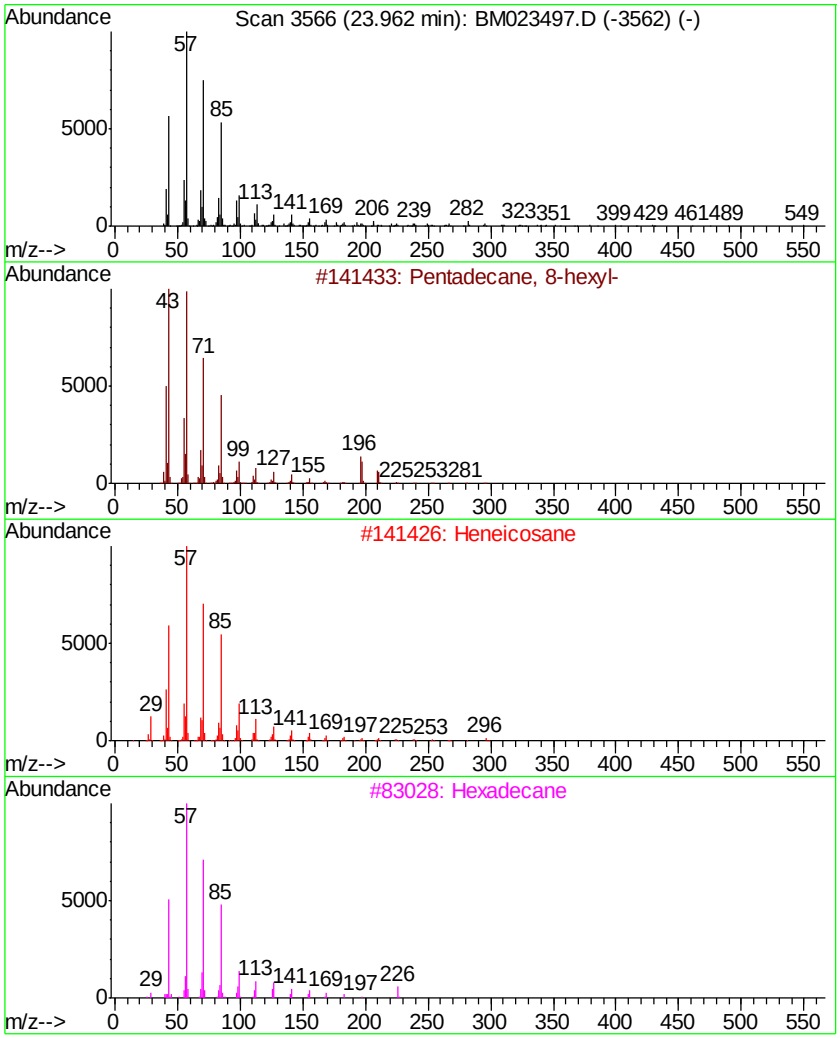
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

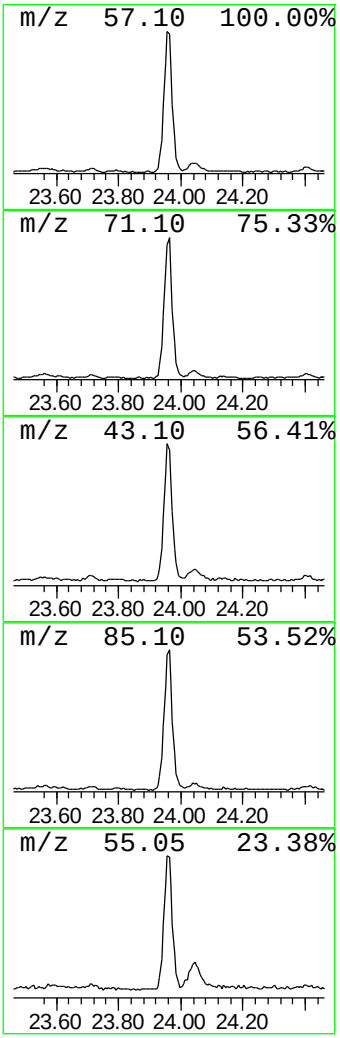
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	3.28 ng/ul	1245680	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

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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	2.3	ng/ul	826222	5	21.20	7200460	20.0
(DEL) Alkane: Str...	22.27	2.4	ng/ul	848594	5	21.20	7200460	20.0
(DEL) Alkane: Str...	22.77	3.1	ng/ul	1162710	6	23.40	7594700	20.0
(DEL) Alkane: Str...	23.33	3.7	ng/ul	1390250	6	23.40	7594700	20.0
(DEL) Alkane: Str...	23.96	3.3	ng/ul	1245680	6	23.40	7594700	20.0