LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024409.D
Acq On : 31 Dec 2019 23:04
Operator : JU
Sample : K6314-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF14

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-BM121719MA.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	2.981	13	16	29	rVB2	59604	114426	2.33%	0.238%
2	3.240	56	60	70	rVB4	21590	53315	1.09%	0.111%
3	6.616	628	634	653	rBV2	181368	433012	8.82%	0.902%
4	6.758	653	658	676	rBV	572121	1022824	20.83%	2.131%
5	6.946	684	690	708	rVB	709200	1209728	24.63%	2.521%
6	7.405	761	768	779	rBV	749633	1238541	25.22%	2.581%
7	7.493	781	783	790	rVB7	5722	10598	0.22%	0.022%
8	8.134	886	892	911	rBV	521279	970394	19.76%	2.022%
9	8.563	958	965	978	rBV	698430	1293257	26.33%	2.695%
10	8.981	1032	1036	1042	rVB2	21372	33433	0.68%	0.070%
11	9.275	1077	1086	1103	rBV	594305	1059264	21.57%	2.207%
12	9.816	1172	1178	1209	rBV	660560	1559540	31.76%	3.249%
13	10.169	1231	1238	1252	rVB	1043330	1762626	35.89%	3.673%
14	10.369	1266	1272	1281	rBV3	23119	63484	1.29%	0.132%
15	11.798	1511	1515	1527	rVB5	7718	19191	0.39%	0.040%
16	13.492	1797	1803	1809	rBV	1604283	2374847	48.36%	4.948%
17	13.545	1809	1812	1823	rVB	68396	111999	2.28%	0.233%
18	13.757	1841	1848	1865	rBV	1902014	2859504	58.23%	5.958%
19	13.998	1885	1889	1894	rBV3	4648	6406	0.13%	0.013%
20	14.069	1894	1901	1914	rBV	1560035	2273978	46.30%	4.738%
21	14.375	1947	1953	1970	rBV5	42760	167529	3.41%	0.349%
22	14.628	1993	1996	2002	rVB4	3412	5391	0.11%	0.011%
23	14.892	2038	2041	2046	rVV6	4207	5836	0.12%	0.012%
24	14.957	2048	2052	2056	rVB4	6156	7766	0.16%	0.016%
25	15.075	2065	2072	2085	rBV	2483069	3623002	73.77%	7.549%
26	15.233	2094	2099	2110	rBV	565078	940875	19.16%	1.960%
27	15.316	2110	2113	2119	rVB2	32810	52395	1.07%	0.109%
28	15.828	2195	2200	2204	rBV4	6428	11608	0.24%	0.024%
29	15.863	2204	2206	2210	rVB4	9818	9931	0.20%	0.021%
30	16.622	2329	2335	2338	rBV5	11344	14972	0.30%	0.031%
31	16.827	2364	2370	2380	rBV	1886863	2570172	52.34%	5.355%
32	16.927	2381	2387	2401	rVV	2785217	3912143	79.66%	8.151%
33	17.063	2408	2410	2416	rVB6	3857	6186	0.13%	0.013%
34	17.251	2439	2442	2445	rVB4	3874	5346	0.11%	0.011%

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Instrument : BNA_M
ClientSampleId : BFF14

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
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Title : SVOA CALIBRATION

35	17.751	2521	2527	2535	rBV	70316	117604	2.39%	0.245%
36	17.822	2537	2539	2542	rVV3	5030	6581	0.13%	0.014%
37	18.051	2574	2578	2581	rBV5	8522	11834	0.24%	0.025%
38	18.421	2639	2641	2645	rVB4	4094	5613	0.11%	0.012%
39	18.692	2684	2687	2693	rVB6	14280	19430	0.40%	0.040%
40	18.733	2693	2694	2700	rBV6	5659	7795	0.16%	0.016%
41	18.880	2714	2719	2722	rBV	27450	44736	0.91%	0.093%
42	19.051	2744	2748	2751	rBV4	29404	41173	0.84%	0.086%
43	19.127	2758	2761	2766	rVB	21116	24709	0.50%	0.051%
44	19.239	2774	2780	2786	rBV	3384204	4573423	93.13%	9.529%
45	19.316	2791	2793	2802	rVB9	24276	38548	0.78%	0.080%
46	19.821	2876	2879	2883	rVB	51193	52230	1.06%	0.109%
47	20.321	2959	2964	2967	rBV2	116281	155500	3.17%	0.324%
48	20.786	3039	3043	3050	rBV	456897	596214	12.14%	1.242%
49	21.045	3082	3087	3097	rBV	2070413	2958033	60.23%	6.163%
50	21.221	3114	3117	3123	rBV	219334	241748	4.92%	0.504%
51	21.639	3185	3188	3196	rBV	224990	311528	6.34%	0.649%
52	22.080	3259	3263	3266	rBV	237754	308250	6.28%	0.642%
53	22.551	3340	3343	3349	rVB	247220	298929	6.09%	0.623%
54	23.033	3419	3425	3430	rBV	2900064	4910914	100.00%	10.232%
55	23.162	3442	3447	3457	rVB2	1708323	3103687	63.20%	6.467%
56	23.668	3530	3533	3541	rVB	220949	362868	7.39%	0.756%

Sum of corrected areas: 47994866

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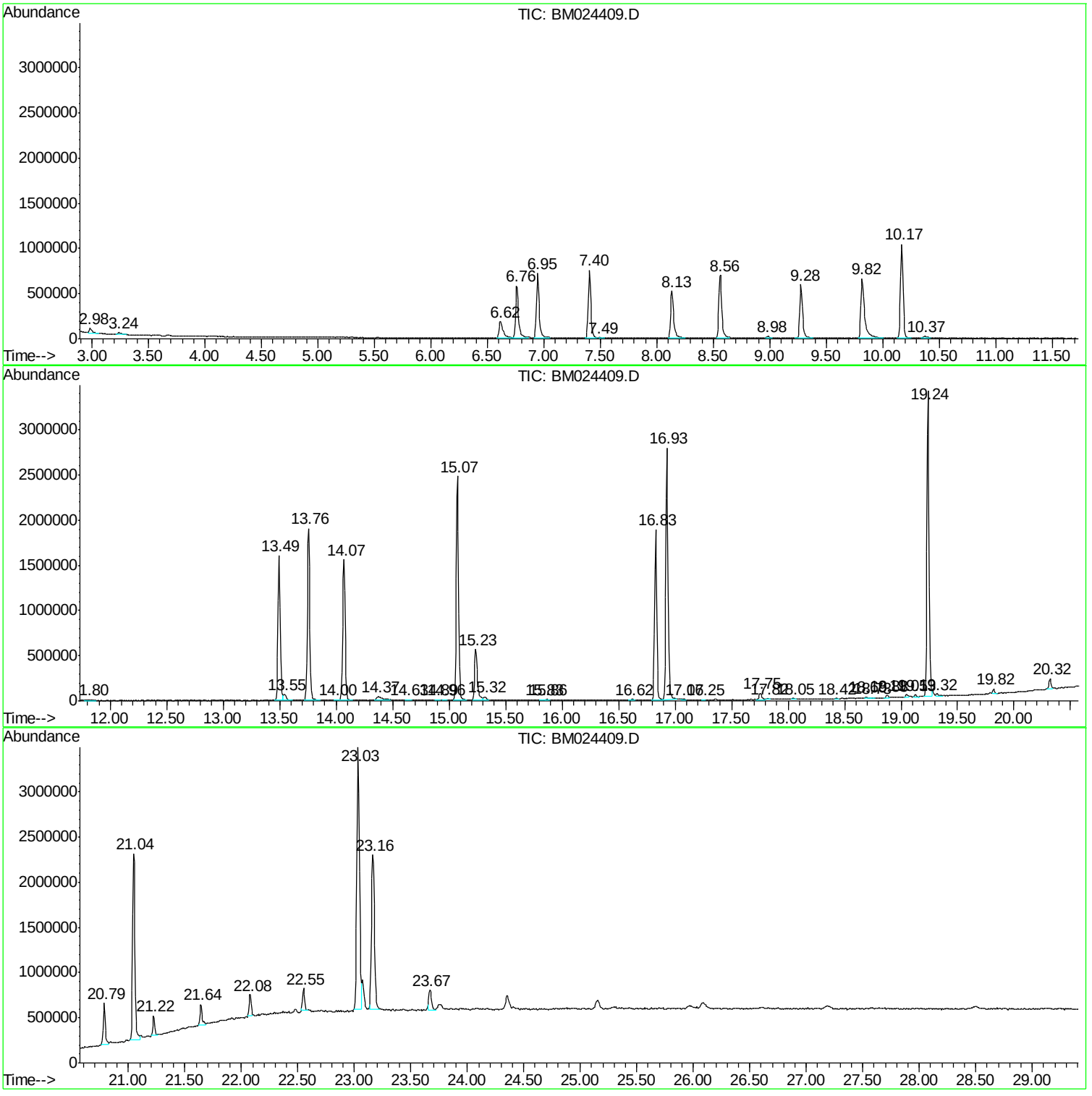
Instrument :
BNA_M
ClientSampleId :
BFF14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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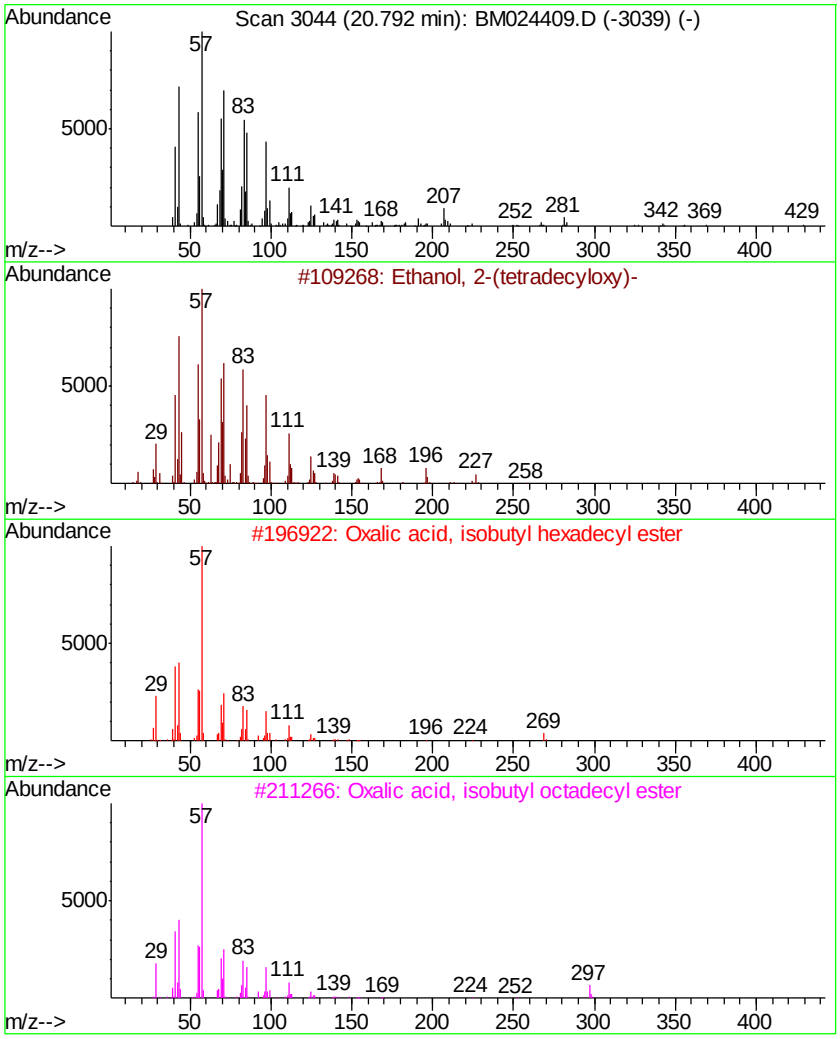
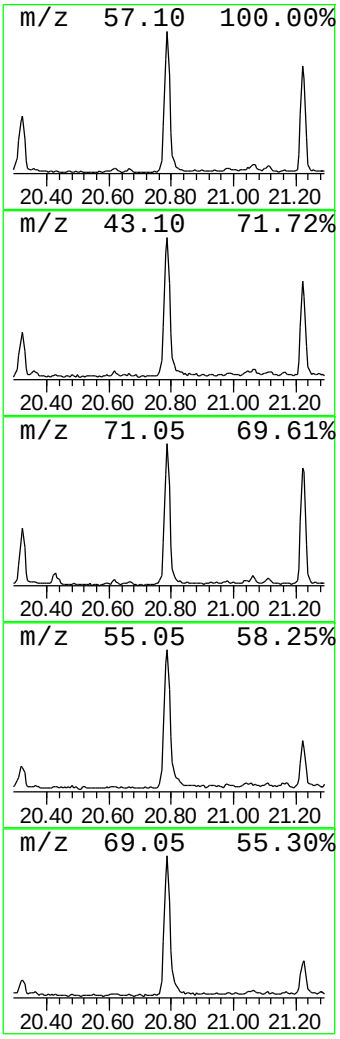
Peak Number 1 Ethanol, 2-(tetradecyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	4.03 ng/ul	596214	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	90
3	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	76





Library Search Compound Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

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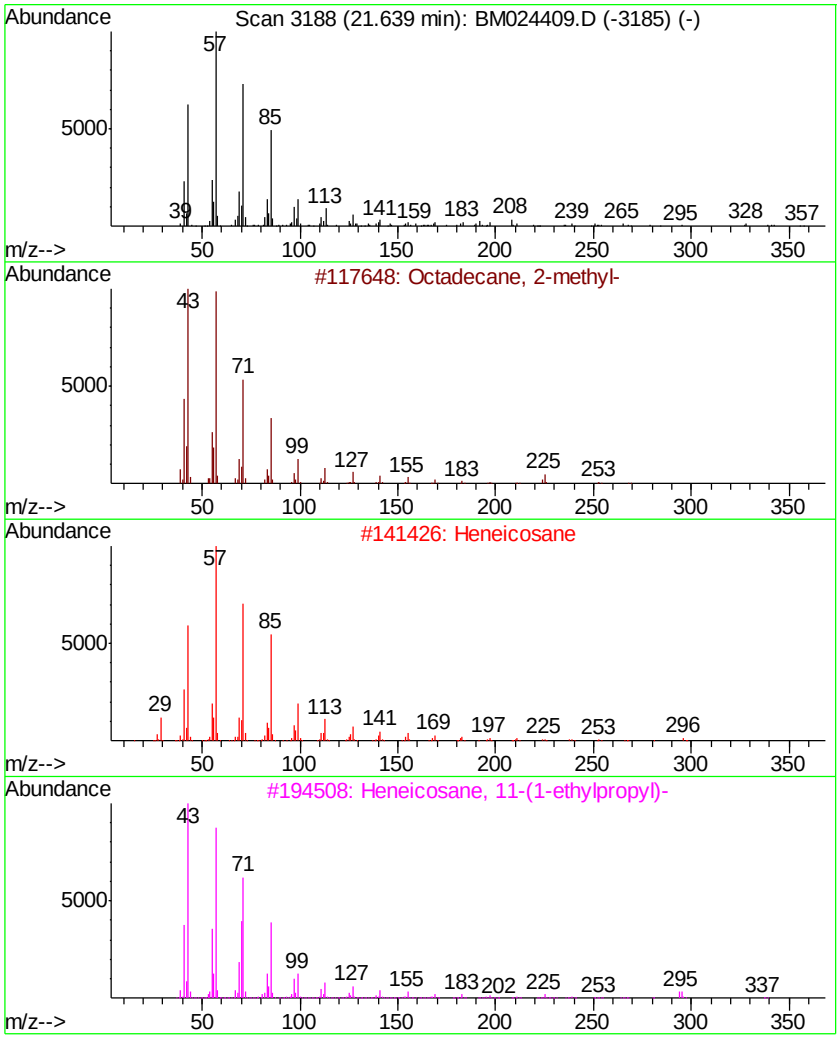
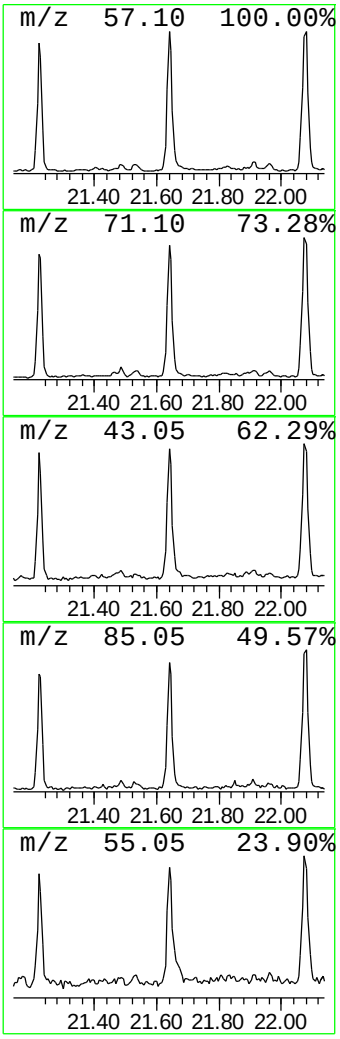
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	2.11 ng/ul	311528	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	Nonadecane	268	C19H40	000629-92-5	87





Library Search Compound Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

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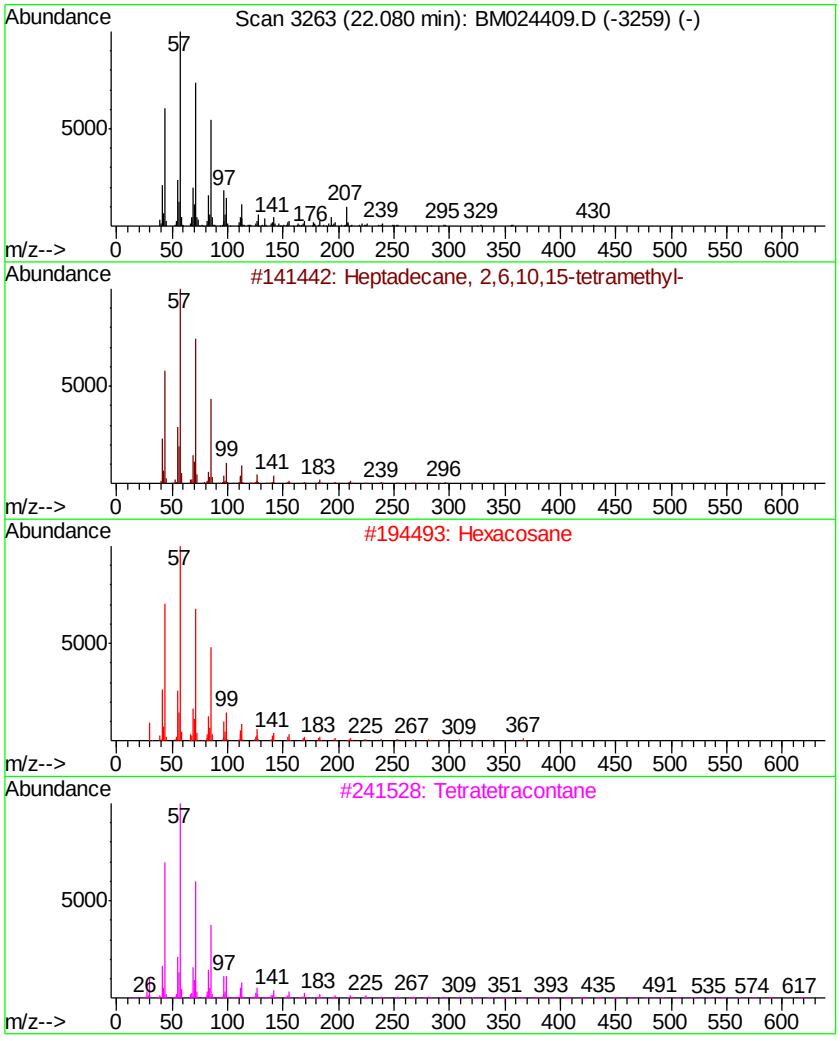
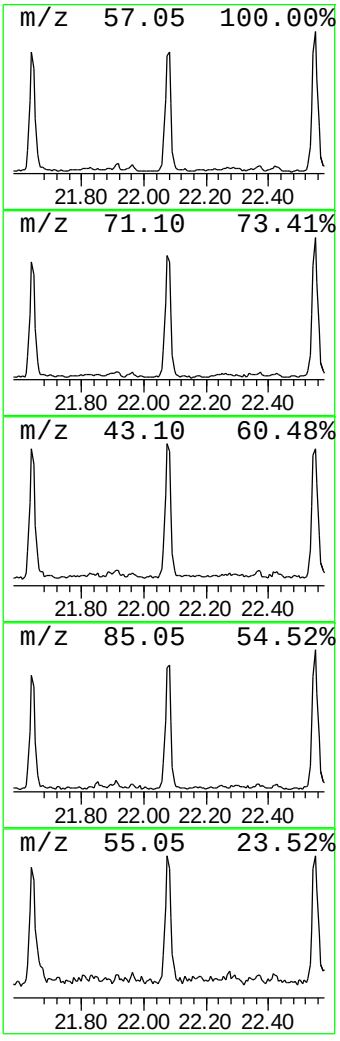
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	2.08 ng/ul	308250	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	86





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFF14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

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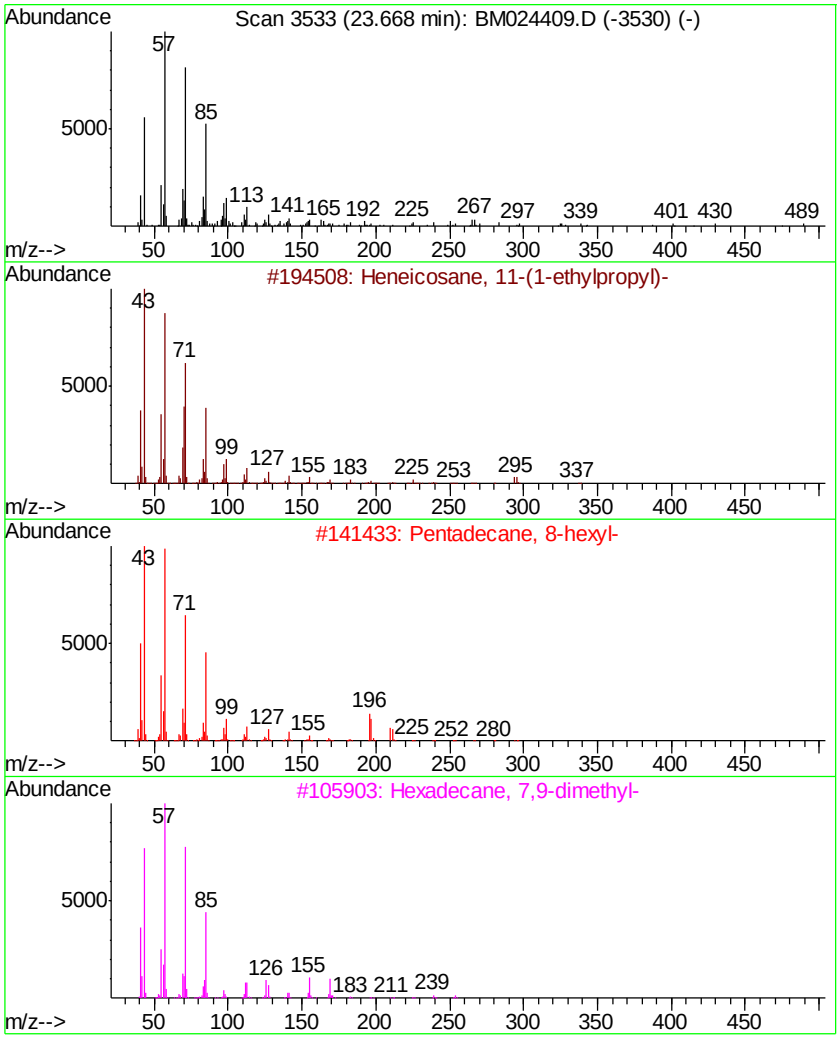
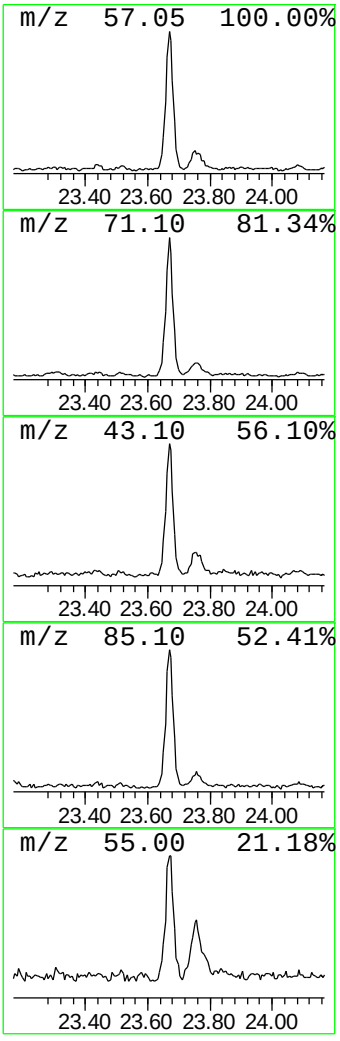
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	2.34 ng/ul	362868	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	87
4	Docosane	310	C22H46	000629-97-0	86
5	Octadecane	254	C18H38	000593-45-3	83





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
Ethanol, 2-(tetra...	20.79	4.0	ng/ul	596214	5	21.04	2958030	20.0
(DEL) Alkane: Str...	21.64	2.1	ng/ul	311528	5	21.04	2958030	20.0
(DEL) Alkane: Str...	22.08	2.1	ng/ul	308250	5	21.04	2958030	20.0
(DEL) Alkane: Str...	23.67	2.3	ng/ul	362868	6	23.16	3103690	20.0