LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022968.D
Acq On : 04 Oct 2019 21:29
Operator : JU
Sample : K5006-15
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJX6

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-BM092719MA.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	56	rVB	38360	57479	1.17%	0.113%
2	3.998	168	172	176	rVB	9152	12868	0.26%	0.025%
3	6.963	669	676	696	rVB	214894	388038	7.89%	0.761%
4	7.122	696	703	717	rBV	687035	1115972	22.69%	2.190%
5	7.328	731	738	749	rBV	769290	1246506	25.35%	2.446%
6	7.792	810	817	826	rVV	815008	1297197	26.38%	2.545%
7	7.869	826	830	835	rVB3	4807	7451	0.15%	0.015%
8	8.498	930	937	948	rBV	611927	998897	20.31%	1.960%
9	8.945	1001	1013	1026	rBV	921870	1489375	30.29%	2.922%
10	9.386	1082	1088	1093	rBV	19976	28612	0.58%	0.056%
11	9.663	1128	1135	1149	rBV	754849	1234377	25.10%	2.422%
12	10.204	1220	1227	1244	rBV	1177767	1927679	39.20%	3.782%
13	10.527	1277	1282	1284	rBV	6948	9161	0.19%	0.018%
14	10.580	1284	1291	1304	rVB	1215657	2017069	41.02%	3.958%
15	10.716	1309	1314	1326	rBV	81971	146898	2.99%	0.288%
16	11.880	1507	1512	1517	rVB	12036	16151	0.33%	0.032%
17	12.174	1556	1562	1570	rVB	16508	27622	0.56%	0.054%
18	13.045	1707	1710	1719	rVB2	5439	7021	0.14%	0.014%
19	13.833	1838	1844	1849	rBV	2013280	2844435	57.84%	5.581%
20	13.880	1849	1852	1861	rVB	181286	251164	5.11%	0.493%
21	14.121	1884	1893	1907	rBV	2455376	3644239	74.10%	7.151%
22	14.427	1938	1945	1955	rVB	1844006	2717507	55.26%	5.332%
23	14.627	1973	1979	1994	rBV	125057	212050	4.31%	0.416%
24	14.845	2011	2016	2023	rBV4	7374	11485	0.23%	0.023%
25	15.233	2078	2082	2087	rBV3	3113	5482	0.11%	0.011%
26	15.421	2107	2114	2125	rBV	2825826	4218547	85.78%	8.278%
27	15.533	2127	2133	2145	rVV	810603	1094432	22.25%	2.147%
28	15.657	2149	2154	2160	rVB	31813	41235	0.84%	0.081%
29	16.204	2241	2247	2252	rBV4	10081	14529	0.30%	0.029%
30	16.951	2368	2374	2377	rBV5	6365	9102	0.19%	0.018%
31	17.168	2404	2411	2418	rBV2	1873065	2677762	54.45%	5.254%
32	17.262	2421	2427	2441	rVV2	3199853	4458954	90.67%	8.749%
33	18.062	2558	2563	2572	rBV	148871	200928	4.09%	0.394%
34	18.362	2612	2614	2618	rBV5	4164	6444	0.13%	0.013%

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Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJX6

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-BM092719MA.M
Title : SVOA CALIBRATION

35	18.997	2719	2722	2725	rBV5	3959	6291	0.13%	0.012%
36	19.192	2751	2755	2759	rBV	30931	39234	0.80%	0.077%
37	19.345	2777	2781	2785	rBV	58962	76566	1.56%	0.150%
38	19.445	2794	2798	2802	rVB	25750	31969	0.65%	0.063%
39	19.556	2811	2817	2824	rBV	3551465	4617644	93.90%	9.061%
40	21.062	3069	3073	3081	rBV	216632	306359	6.23%	0.601%
41	21.344	3116	3121	3126	rBV	1923643	2386685	48.53%	4.683%
42	21.503	3145	3148	3152	rBV	107227	107360	2.18%	0.211%
43	21.938	3219	3222	3227	rBV	207552	240542	4.89%	0.472%
44	22.409	3298	3302	3307	rBV	291564	365337	7.43%	0.717%
45	22.921	3385	3389	3395	rVB	322654	448622	9.12%	0.880%
46	23.462	3474	3481	3494	rVB	2370098	4917857	100.00%	9.650%
47	23.603	3499	3505	3519	rVB	1325790	2547915	51.81%	4.999%
48	24.156	3595	3599	3606	rVB	235866	434477	8.83%	0.853%

Sum of corrected areas: 50963526

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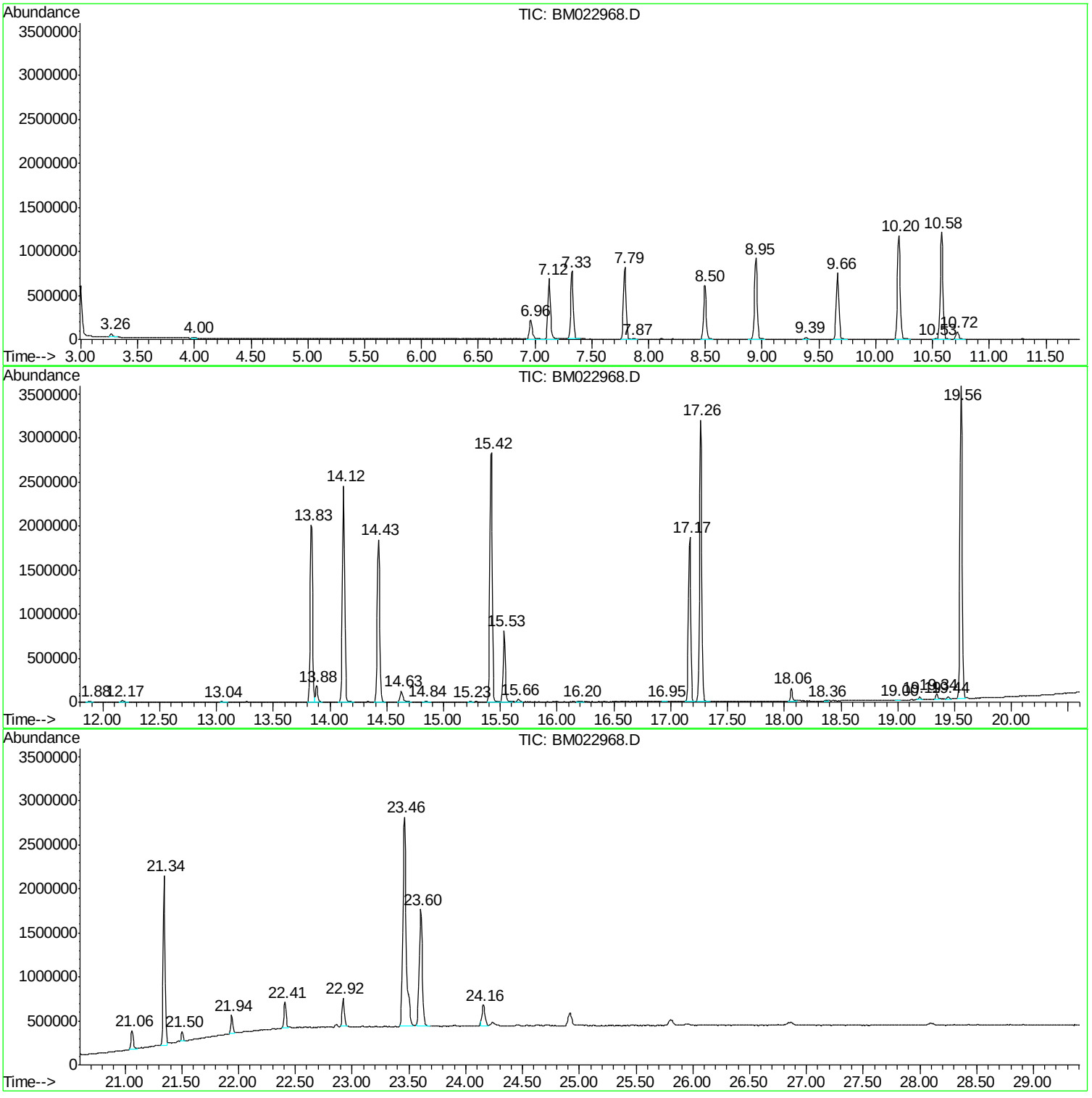
Instrument :
BNA_M
ClientSampleId :
ETJX6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : ETJX6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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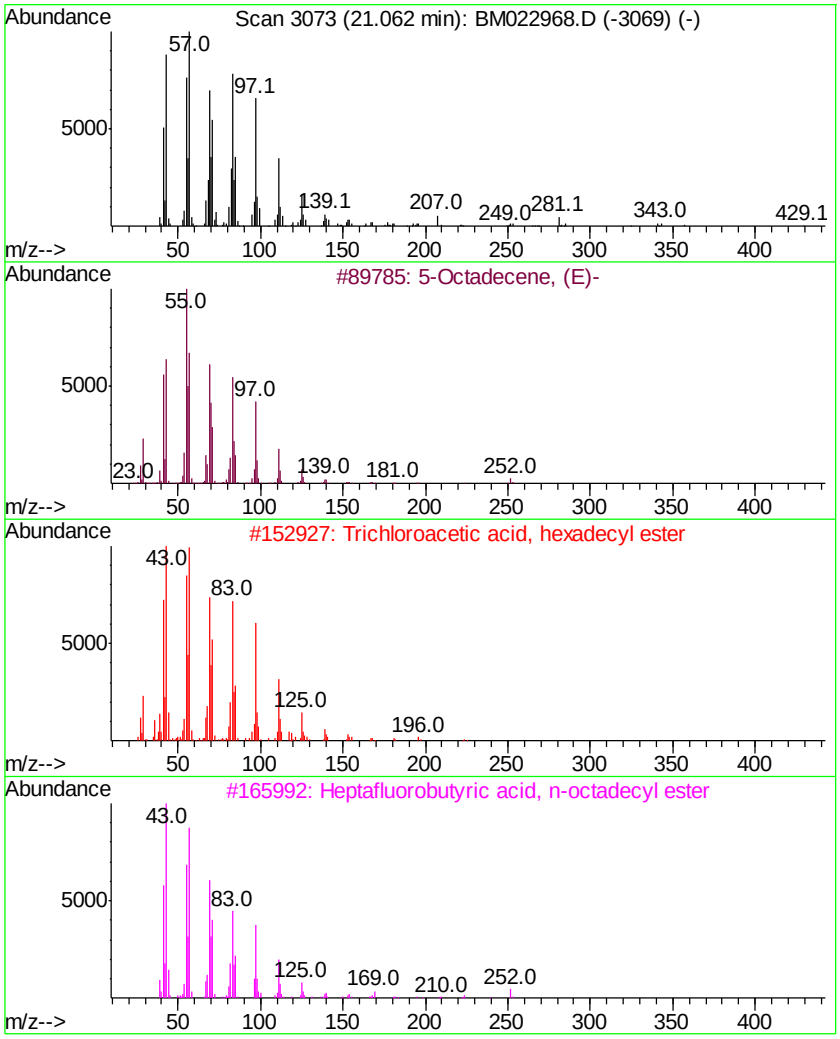
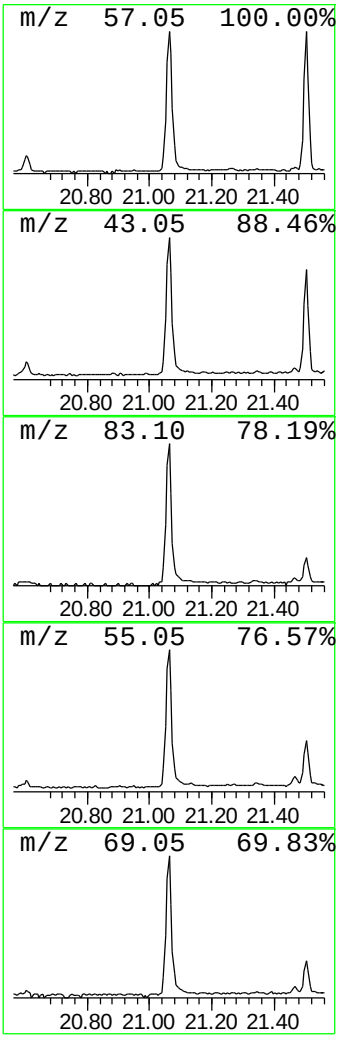
Peak Number 1 (DEL) Alkane: Cyclic21.06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.57 ng/ul	306359	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Cyclooctacosane	392	C28H56	000297-24-5	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





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Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJX6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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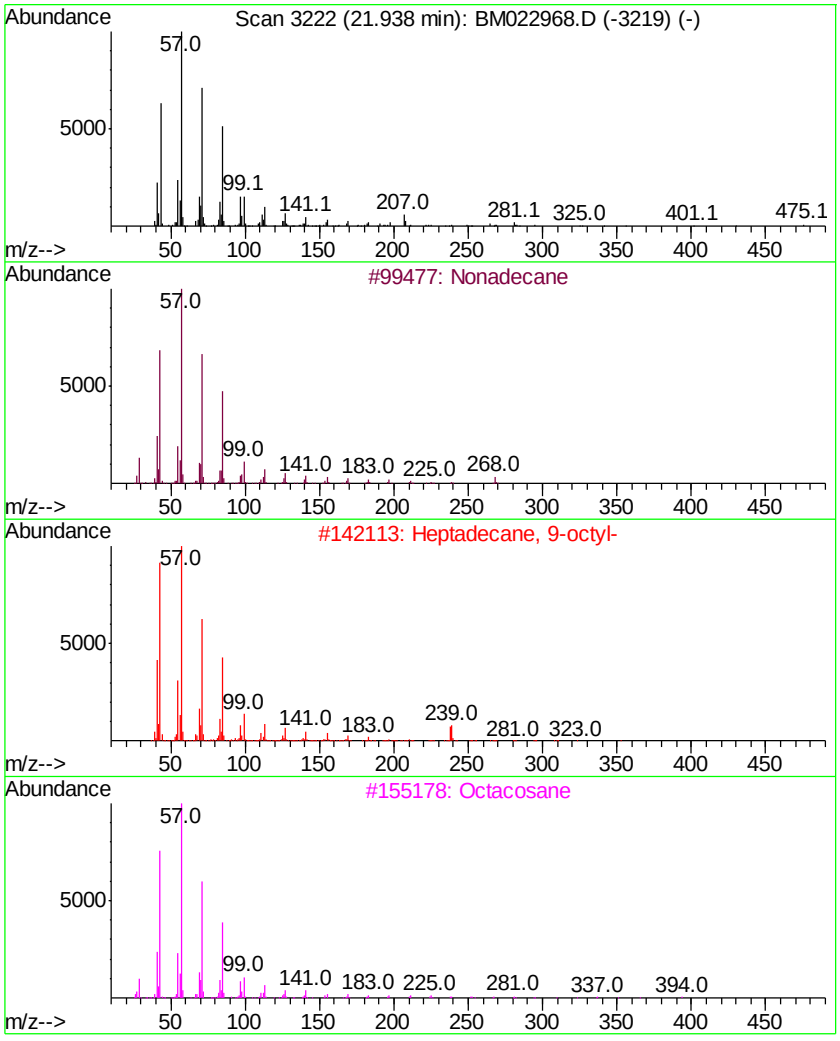
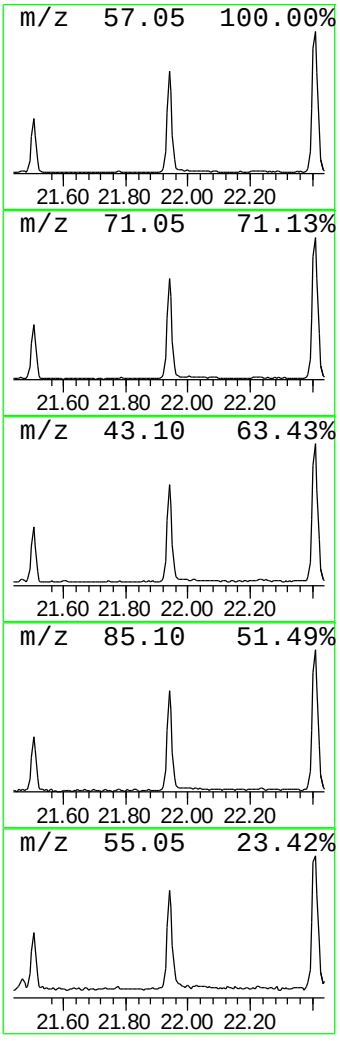
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	2.02 ng/ul	240542	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane	282	C20H42	000112-95-8	89





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Instrument : BNA_M
ClientSampleId : ETJX6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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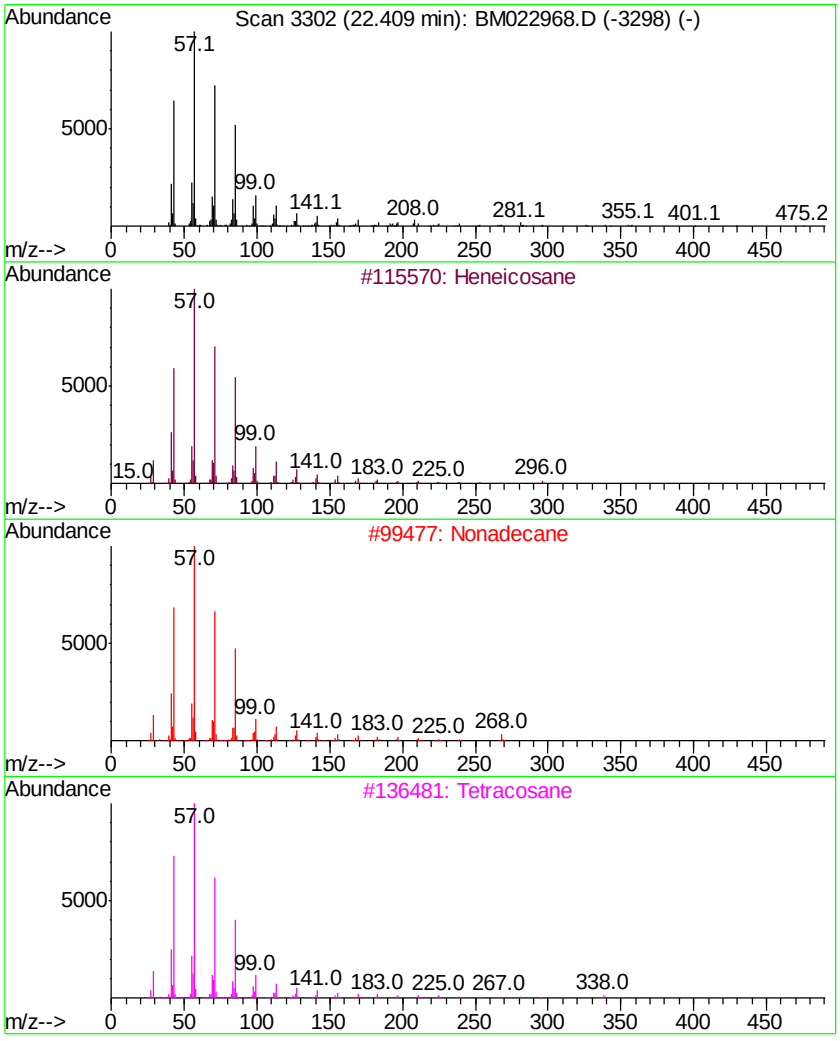
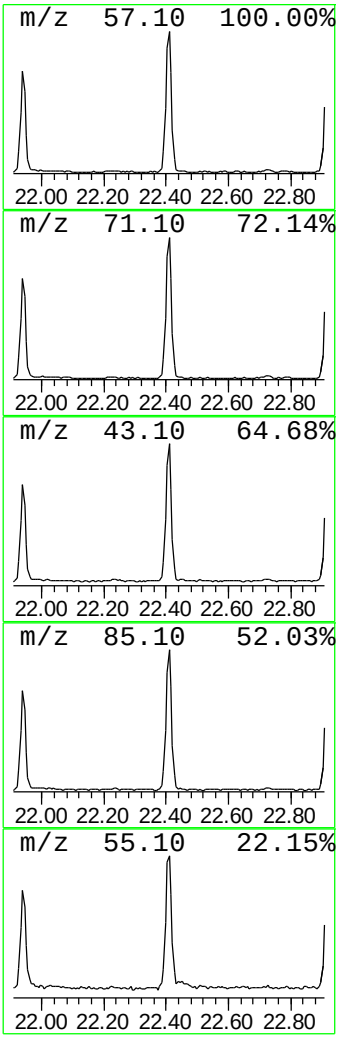
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	3.06 ng/ul	365337	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Nonadecane	268	C19H40	000629-92-5	95
3	Tetracosane	338	C24H50	000646-31-1	90
4	Nonacosane	408	C29H60	000630-03-5	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





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Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJX6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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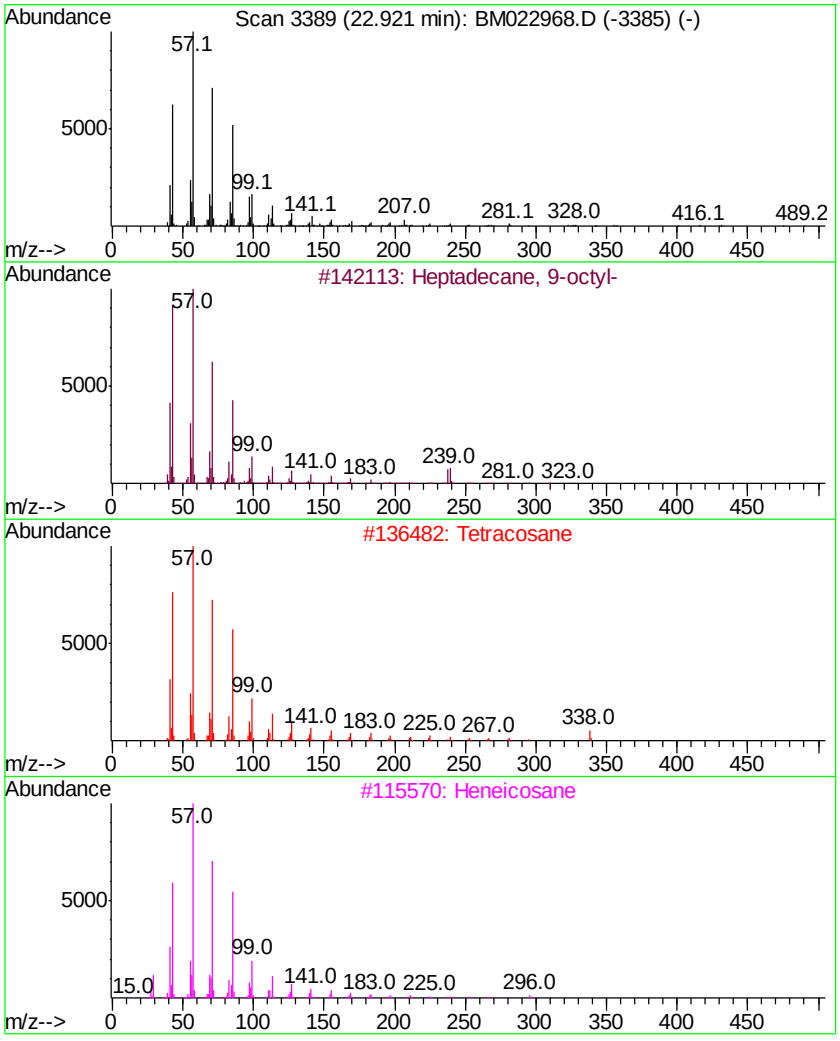
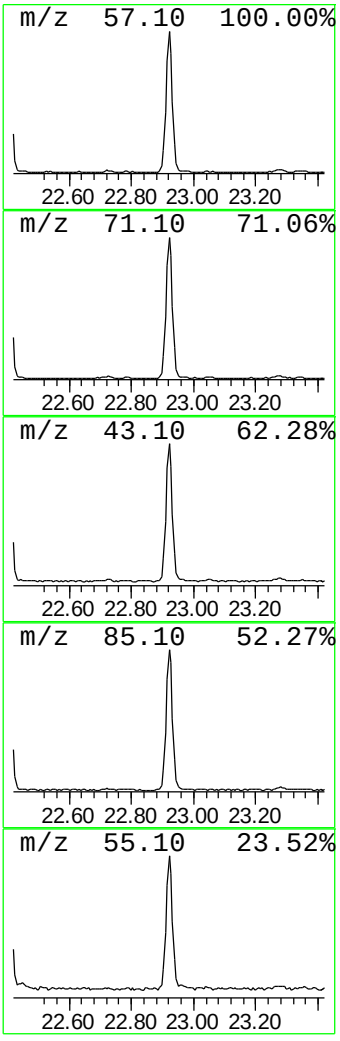
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	3.52 ng/ul	448622	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





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ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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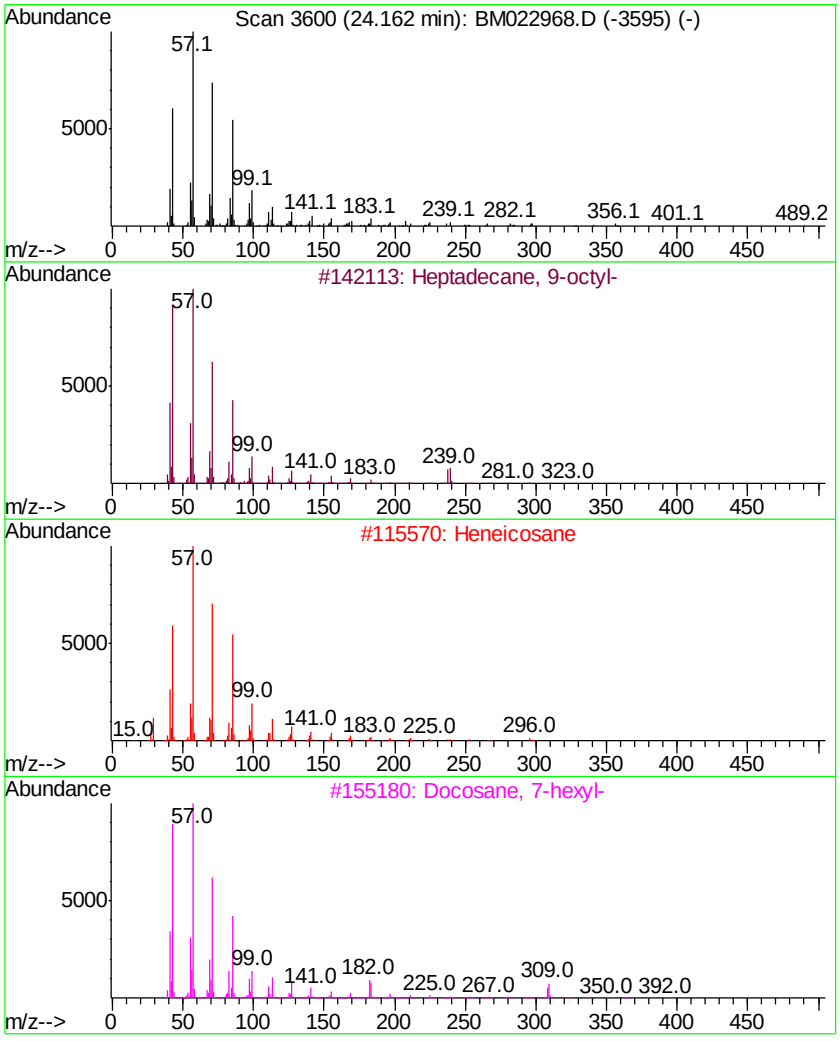
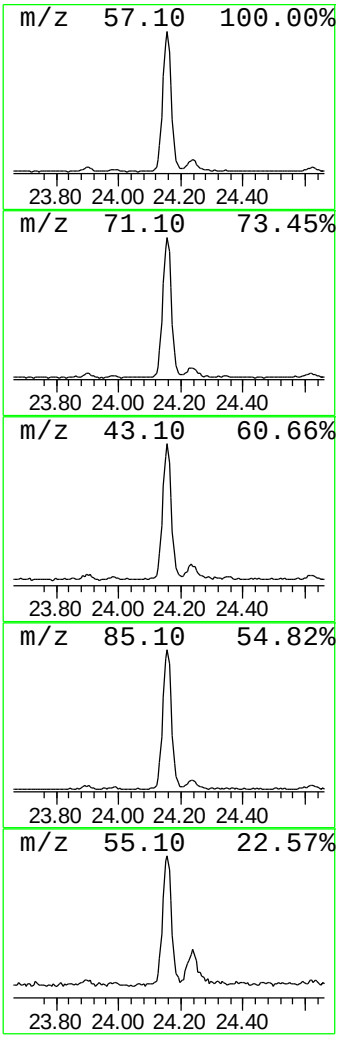
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	3.41 ng/ul	434477	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Nonacosane	408	C29H60	000630-03-5	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: Cyc...	21.06	2.6	ng/ul	306359	5	21.34	2386690	20.0
(DEL) Alkane: Str...	21.94	2.0	ng/ul	240542	5	21.34	2386690	20.0
(DEL) Alkane: Str...	22.41	3.1	ng/ul	365337	5	21.34	2386690	20.0
(DEL) Alkane: Str...	22.92	3.5	ng/ul	448622	6	23.60	2547920	20.0
(DEL) Alkane: Str...	24.16	3.4	ng/ul	434477	6	23.60	2547920	20.0