LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017806.D
Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

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-BM111918MA.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	3.022	3	6	8	rBV2	31250	32288	0.15%	0.020%
2	3.069	12	14	16	rVV	28668	26432	0.12%	0.017%
3	3.105	16	20	27	rVB	739273	740158	3.45%	0.464%
4	3.422	71	74	80	rVB	30010	32129	0.15%	0.020%
5	3.875	145	151	156	rBV2	18887	29447	0.14%	0.018%
6	4.957	330	335	342	rBV4	15961	29199	0.14%	0.018%
7	7.069	686	694	701	rVB5	21765	49306	0.23%	0.031%
8	7.481	759	764	770	rBV3	12374	22863	0.11%	0.014%
9	7.587	773	782	798	rBV	834667	1505163	7.01%	0.943%
10	7.716	800	804	810	rVB4	12725	24086	0.11%	0.015%
11	10.133	1209	1215	1220	rBV3	24398	39811	0.19%	0.025%
12	10.351	1245	1252	1269	rBV	1110027	2123846	9.89%	1.331%
13	13.551	1791	1796	1803	rBV4	11645	23414	0.11%	0.015%
14	13.721	1817	1825	1829	rBV5	11405	23618	0.11%	0.015%
15	14.233	1905	1912	1920	rBV2	1853929	3027512	14.10%	1.897%
16	14.298	1920	1923	1928	rVB	46314	70334	0.33%	0.044%
17	14.651	1977	1983	1990	rBV2	37496	70022	0.33%	0.044%
18	15.298	2087	2093	2099	rBV2	74500	132020	0.61%	0.083%
19	15.504	2125	2128	2133	rVB6	17860	23927	0.11%	0.015%
20	15.592	2139	2143	2150	rVB3	21645	38466	0.18%	0.024%
21	15.751	2166	2170	2174	rVV4	15881	24675	0.11%	0.015%
22	15.798	2174	2178	2184	rVV3	38291	62826	0.29%	0.039%
23	15.986	2202	2210	2214	rVV5	37854	86514	0.40%	0.054%
24	16.027	2214	2217	2222	rVB6	14855	21713	0.10%	0.014%
25	16.286	2256	2261	2267	rBV4	42293	83007	0.39%	0.052%
26	16.527	2298	2302	2305	rBV5	15562	23261	0.11%	0.015%
27	16.721	2330	2335	2336	rBV5	16007	22330	0.10%	0.014%
28	16.810	2346	2350	2357	rVB2	65973	105417	0.49%	0.066%
29	16.986	2374	2380	2384	rBV	2387483	3396412	15.81%	2.128%
30	17.027	2384	2387	2399	rVV	838536	1324269	6.17%	0.830%
31	17.127	2400	2404	2409	rVV	76313	134457	0.63%	0.084%
32	17.174	2409	2412	2419	rVB7	47930	84092	0.39%	0.053%
33	17.374	2441	2446	2449	rBV3	62439	91920	0.43%	0.058%
34	17.415	2449	2453	2458	rVB5	48362	77398	0.36%	0.048%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017806.D
Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

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-BM111918MA.M
Title : SVOA CALIBRATION

35	17.645	2488	2492	2497	rBV2	73092	115618	0.54%	0.072%
36	17.704	2497	2502	2508	rVB2	167302	245724	1.14%	0.154%
37	17.786	2511	2516	2521	rBV	349710	486740	2.27%	0.305%
38	17.868	2526	2530	2533	rBV	63203	87603	0.41%	0.055%
39	17.915	2533	2538	2543	rVV3	125550	224382	1.04%	0.141%
40	18.062	2558	2563	2566	rBV2	160070	245432	1.14%	0.154%
41	18.098	2566	2569	2572	rBV2	133562	175080	0.82%	0.110%
42	18.162	2577	2580	2588	rVB	366308	520854	2.43%	0.326%
43	18.233	2589	2592	2594	rBV4	28046	32286	0.15%	0.020%
44	18.274	2594	2599	2606	rVB	617939	831411	3.87%	0.521%
45	18.374	2613	2616	2621	rBV	46705	62948	0.29%	0.039%
46	18.462	2627	2631	2634	rBV3	72900	93723	0.44%	0.059%
47	18.609	2650	2656	2661	rBV3	133820	233040	1.09%	0.146%
48	18.680	2664	2668	2672	rVB3	90239	124098	0.58%	0.078%
49	18.751	2677	2680	2684	rVB4	52984	68958	0.32%	0.043%
50	18.827	2691	2693	2696	rBV2	36250	46114	0.21%	0.029%
51	18.915	2705	2708	2714	rVB3	102851	136304	0.63%	0.085%
52	19.056	2727	2732	2737	rBV	1147736	1571210	7.32%	0.985%
53	19.115	2737	2742	2749	rVV	1202076	1574777	7.33%	0.987%
54	19.203	2752	2757	2762	rVB	350152	472940	2.20%	0.296%
55	19.268	2765	2768	2771	rBV4	54489	68463	0.32%	0.043%
56	19.339	2777	2780	2784	rVB6	39662	48644	0.23%	0.030%
57	19.421	2785	2794	2804	rBV2	836641	1415220	6.59%	0.887%
58	19.503	2804	2808	2812	rBV2	89783	126532	0.59%	0.079%
59	19.586	2819	2822	2824	rBV3	61654	77622	0.36%	0.049%
60	19.774	2851	2854	2858	rVB3	173796	216076	1.01%	0.135%
61	19.839	2859	2865	2870	rVV	1333645	1785587	8.31%	1.119%
62	19.915	2874	2878	2882	rVV2	498235	671690	3.13%	0.421%
63	19.950	2882	2884	2890	rVB	194850	211971	0.99%	0.133%
64	20.021	2894	2896	2901	rBV	55218	87653	0.41%	0.055%
65	20.121	2910	2913	2917	rVB4	88002	97902	0.46%	0.061%
66	20.198	2922	2926	2930	rVV	382224	455560	2.12%	0.285%
67	20.250	2932	2935	2942	rBV7	86459	137270	0.64%	0.086%
68	20.356	2950	2953	2957	rBV5	122249	143602	0.67%	0.090%
69	20.450	2965	2969	2973	rBV	598445	678699	3.16%	0.425%
70	20.509	2973	2979	2986	rVV5	197587	463911	2.16%	0.291%
71	20.662	3001	3005	3011	rVB3	246021	319923	1.49%	0.200%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017806.D
Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

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-BM111918MA.M
Title : SVOA CALIBRATION

72	20.721	3013	3015	3020	rVB6	84541	91687	0.43%	0.057%
73	20.915	3044	3048	3055	rVB	1689291	2031968	9.46%	1.273%
74	21.192	3089	3095	3098	rBV2	2599965	3886873	18.10%	2.435%
75	21.221	3098	3100	3107	rVB	718413	988285	4.60%	0.619%
76	21.356	3118	3123	3130	rVB	3766092	4204111	19.57%	2.634%
77	21.780	3190	3195	3201	rVB	6654262	7917846	36.87%	4.961%
78	22.056	3240	3242	3246	rVB	267567	307124	1.43%	0.192%
79	22.233	3267	3272	3285	rVB	9617455	11838461	55.12%	7.418%
80	22.533	3320	3323	3327	rVB	395120	457775	2.13%	0.287%
81	22.727	3349	3356	3370	rVB	11914494	18222777	84.85%	11.418%
82	23.056	3408	3412	3418	rVB	651560	944872	4.40%	0.592%
83	23.274	3442	3449	3455	rBV	11527086	17778478	82.78%	11.140%
84	23.374	3461	3466	3473	rVB2	1340873	2451481	11.41%	1.536%
85	23.644	3508	3512	3520	rVB2	481786	869184	4.05%	0.545%
86	23.891	3546	3554	3562	rBV	11351114	21477595	100.00%	13.458%
87	24.321	3622	3627	3635	rVB	704611	1408602	6.56%	0.883%
88	24.609	3667	3676	3687	rVB	6920306	14508414	67.55%	9.091%
89	25.103	3757	3760	3770	rVB2	406404	899617	4.19%	0.564%
90	25.438	3808	3817	3830	rVB	4910595	12911766	60.12%	8.090%
91	26.409	3974	3982	3994	rVB2	1706152	5170162	24.07%	3.240%
92	27.568	4171	4179	4192	rVB2	986413	3268978	15.22%	2.048%

Sum of corrected areas: 159593955

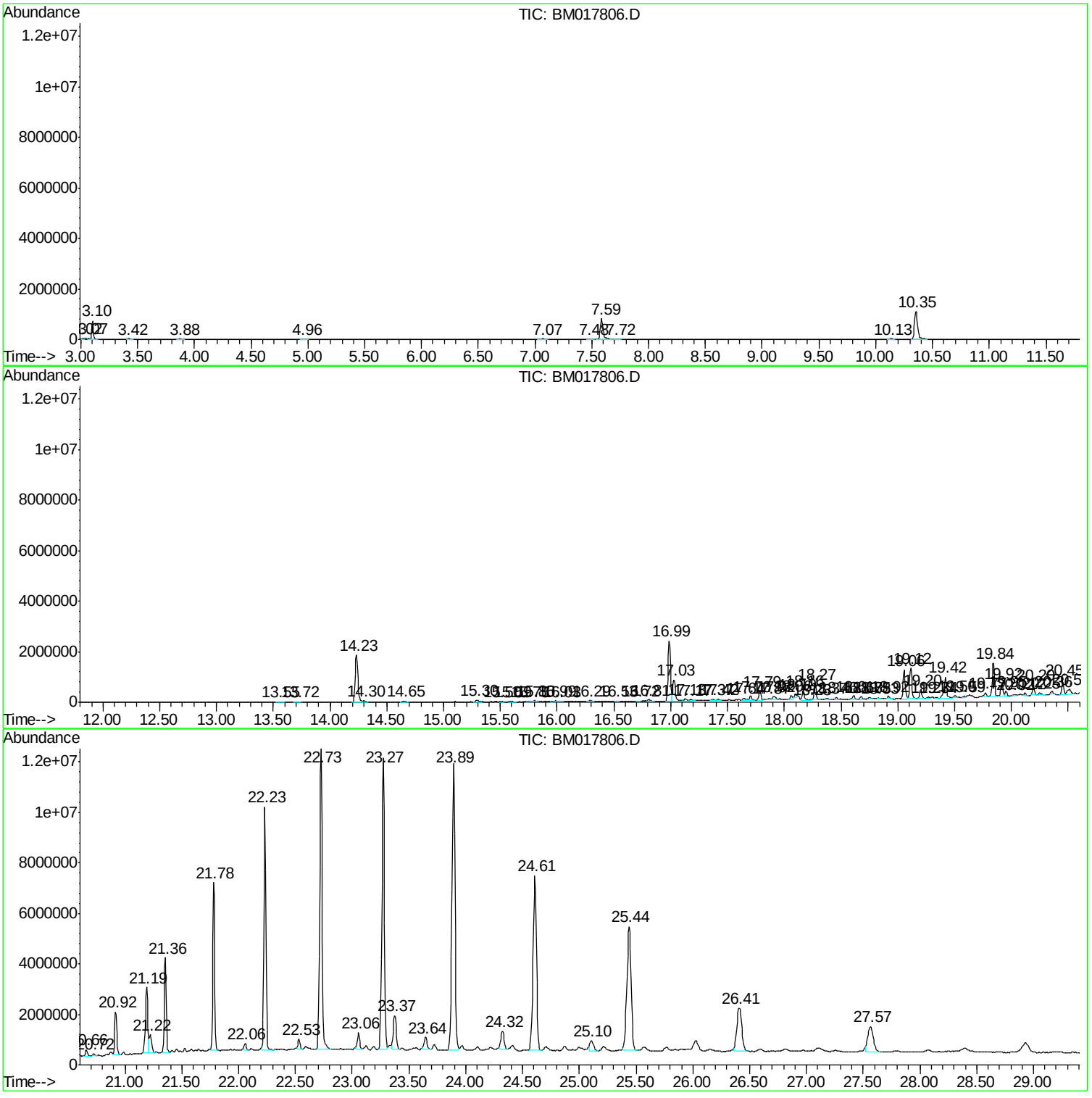
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017806.D
Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.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\BM112918\
Data File : BM017806.D
Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

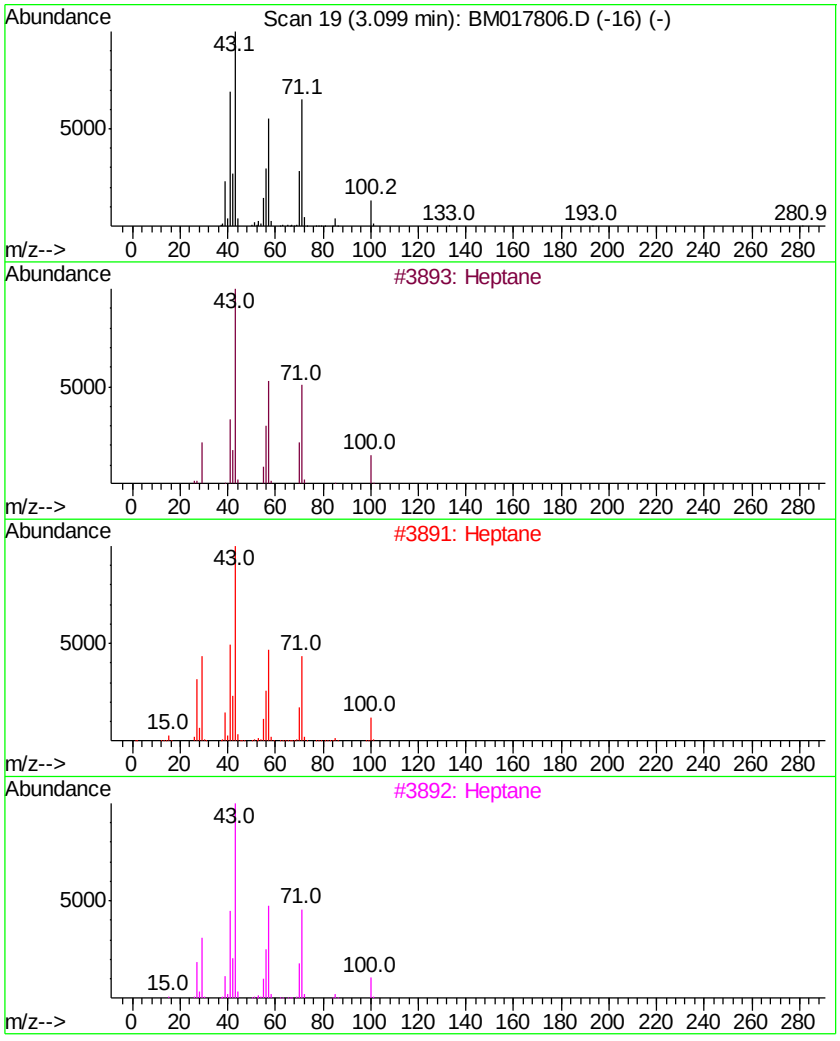
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

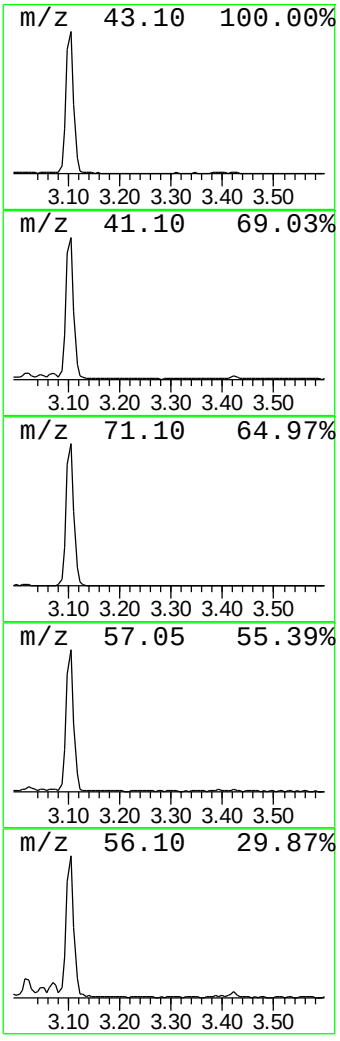
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	9.83 ng/ul	740158	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	87
4	Heptane	100	C7H16	000142-82-5	87
5	Decane, 4-methyl-	156	C11H24	002847-72-5	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017806.D
Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

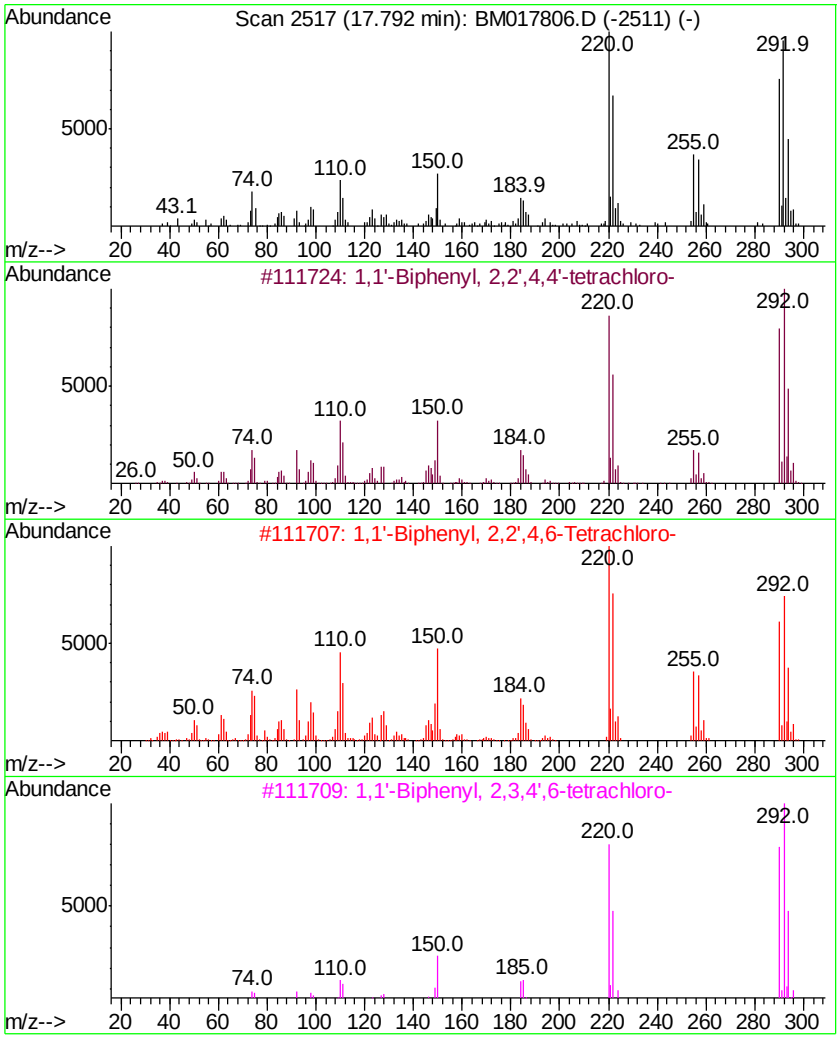
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

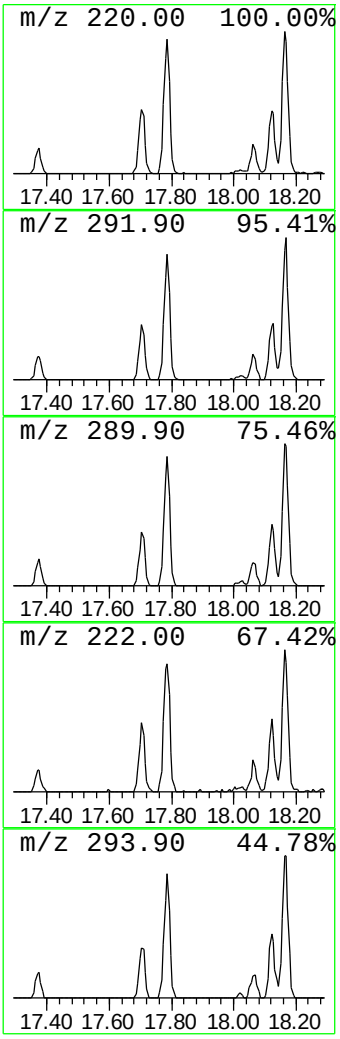
****

Peak Number 2 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.87 ng/ul	486740	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017806.D
Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

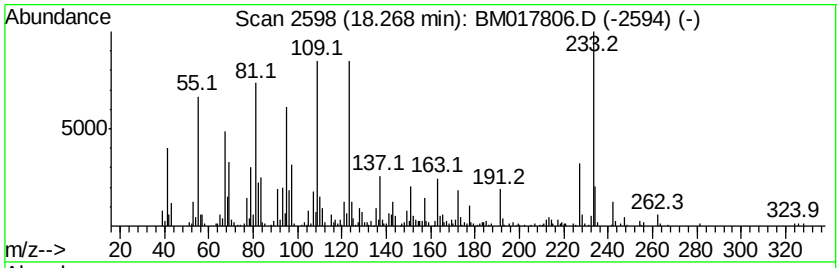
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

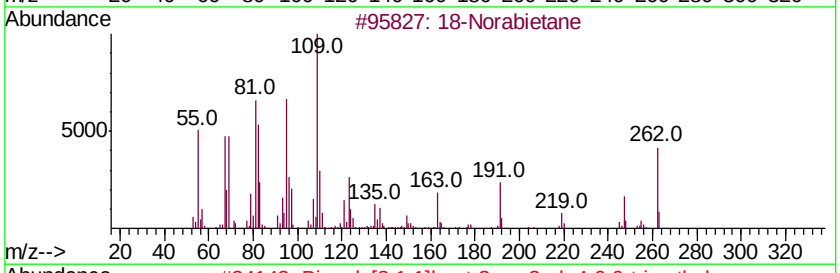
****

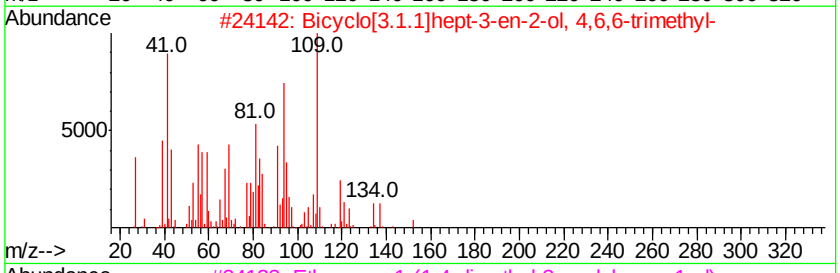
Peak Number 4 unknown-01 Concentration Rank 18

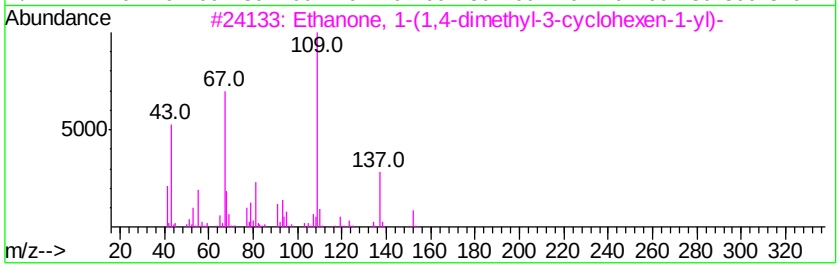
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	4.90 ng/ul	831411	Phenanthrene-d10	16.99

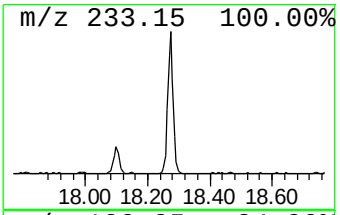
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	38
2	Bicyclo[3.1.1]hept-3-en-2-ol, 4,...	152	C10H16O	000473-67-6	22
3	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	18
4	Acetonitrile, 2-(4-methoxyphenoxy)-	163	C9H9NO2	022446-12-4	14
5	2-(2-Ethyl-1,3-dimethyl-cyclopen...	182	C12H22O	1000186-82-4	14

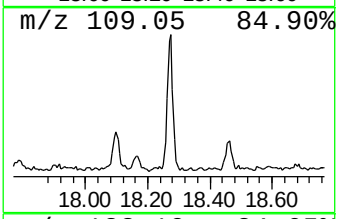


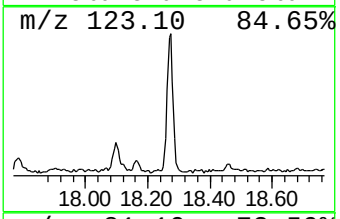


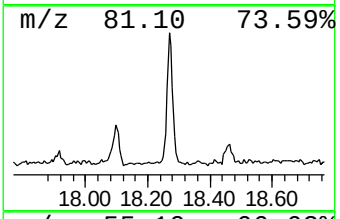


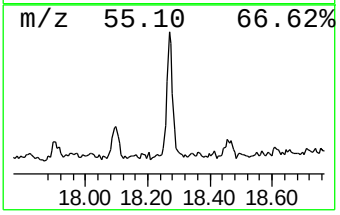












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017806.D
Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

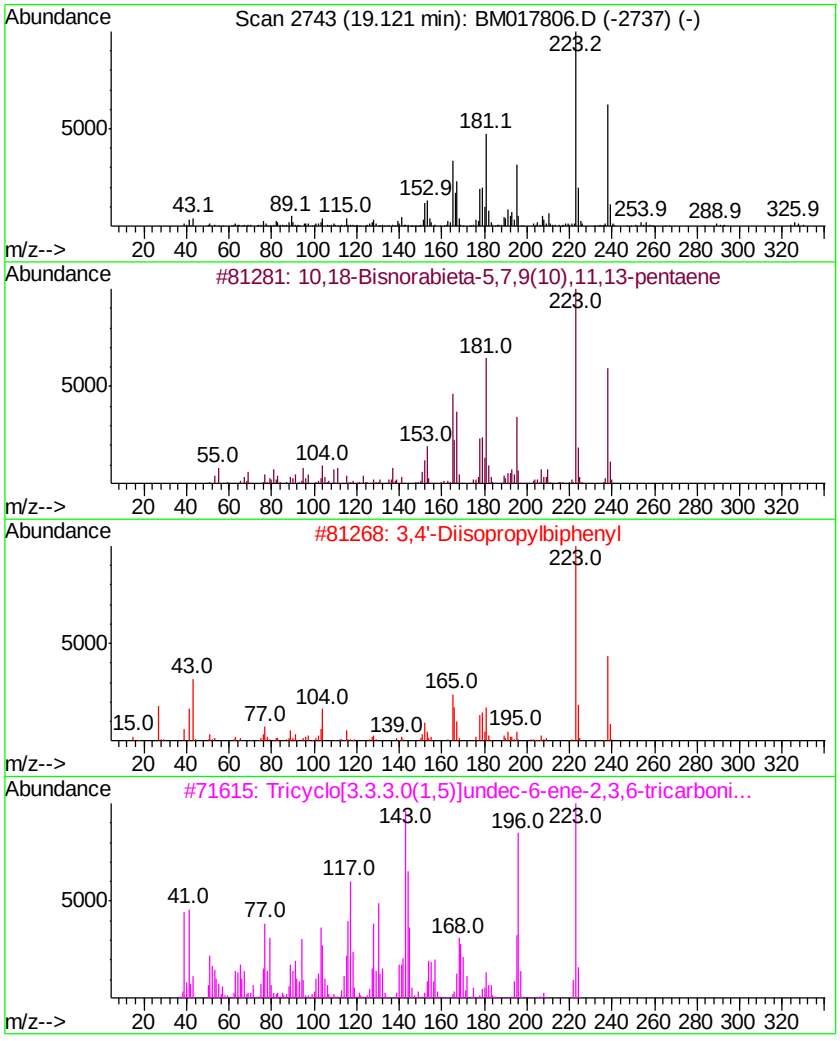
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

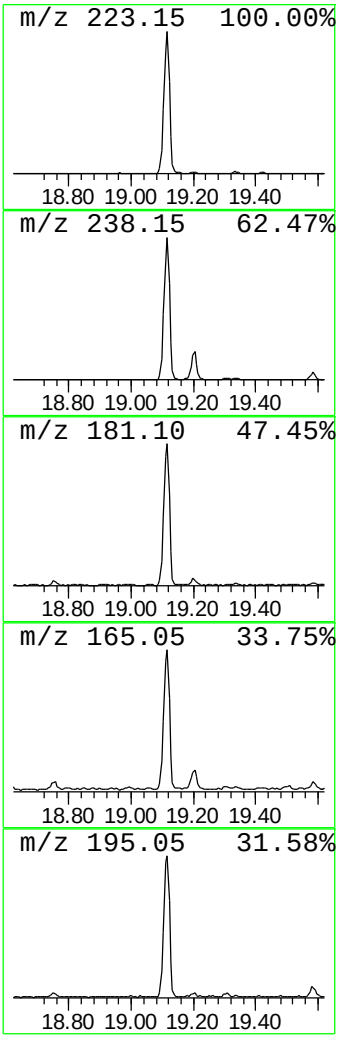
****

Peak Number 5 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	8.10 ng/ul	1574780	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	68
3	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	64
4	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	60
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	58





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Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

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Quant Title : SVOA CALIBRATION

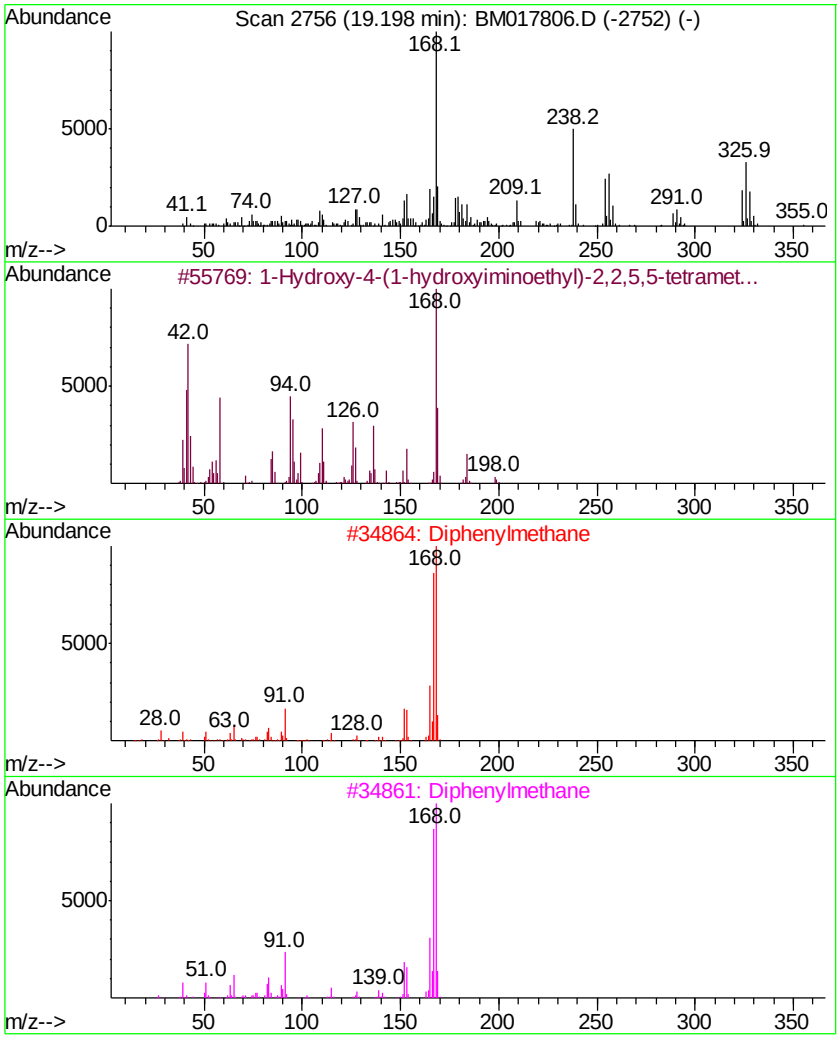
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

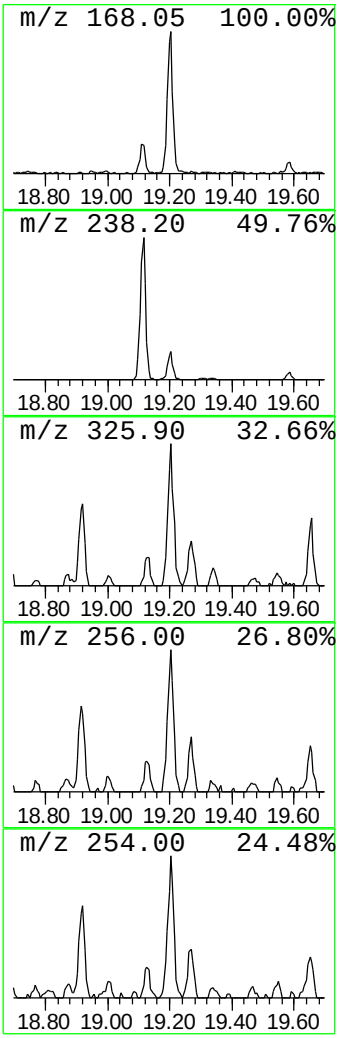
****

Peak Number 6 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.43 ng/ul	472940	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxy-4-(1-hydroxyiminoethyl...	199	C9H17N3O2	060829-58-5	30
2	Diphenylmethane	168	C13H12	000101-81-5	25
3	Diphenylmethane	168	C13H12	000101-81-5	25
4	Pyridine, 3-methyl-2-phenyl-	169	C12H11N	010273-90-2	25
5	N-Nitrosodiphenylamine	198	C12H10N2O	000086-30-6	22





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ClientSampleId : CB4J8

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Quant Title : SVOA CALIBRATION

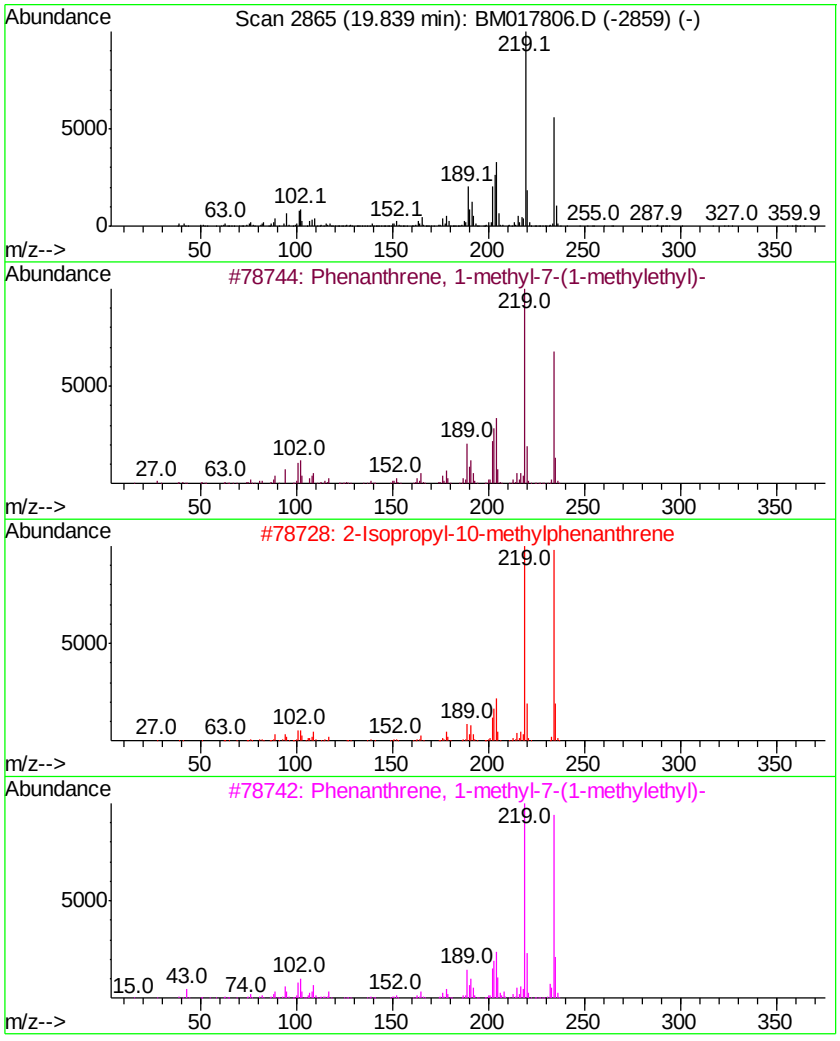
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

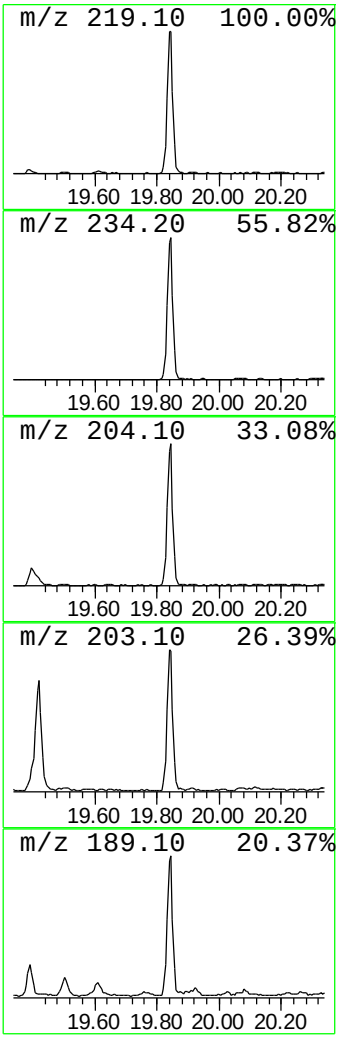
****

Peak Number 7 Phenanthrene, 1-methyl-7-(1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	9.19 ng/ul	1785590	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	94
4	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	94
5	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	68





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ClientSampleId : CB4J8

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Quant Title : SVOA CALIBRATION

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

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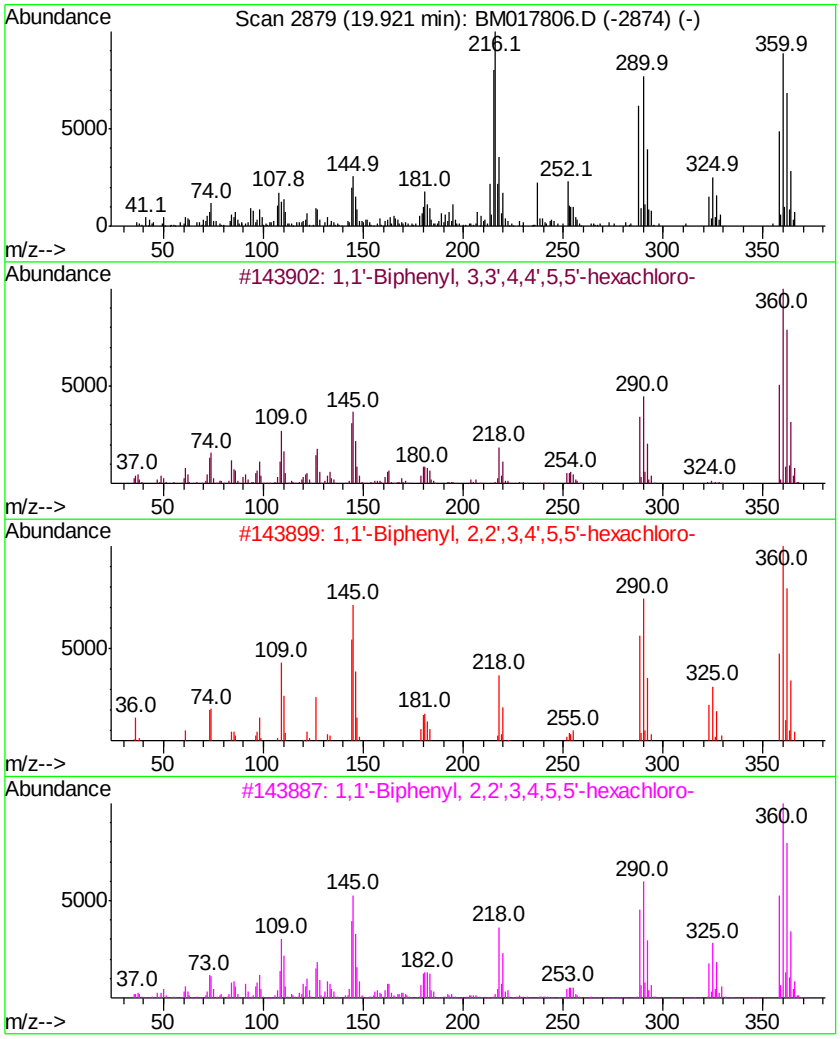
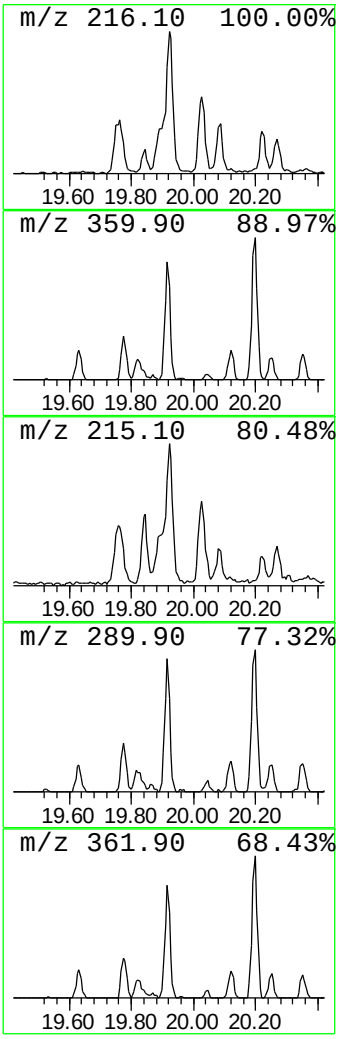
Peak Number 8 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	3.46 ng/ul	671690	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
5	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99





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Instrument : BNA_M
ClientSampleId : CB4J8

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Quant Title : SVOA CALIBRATION

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

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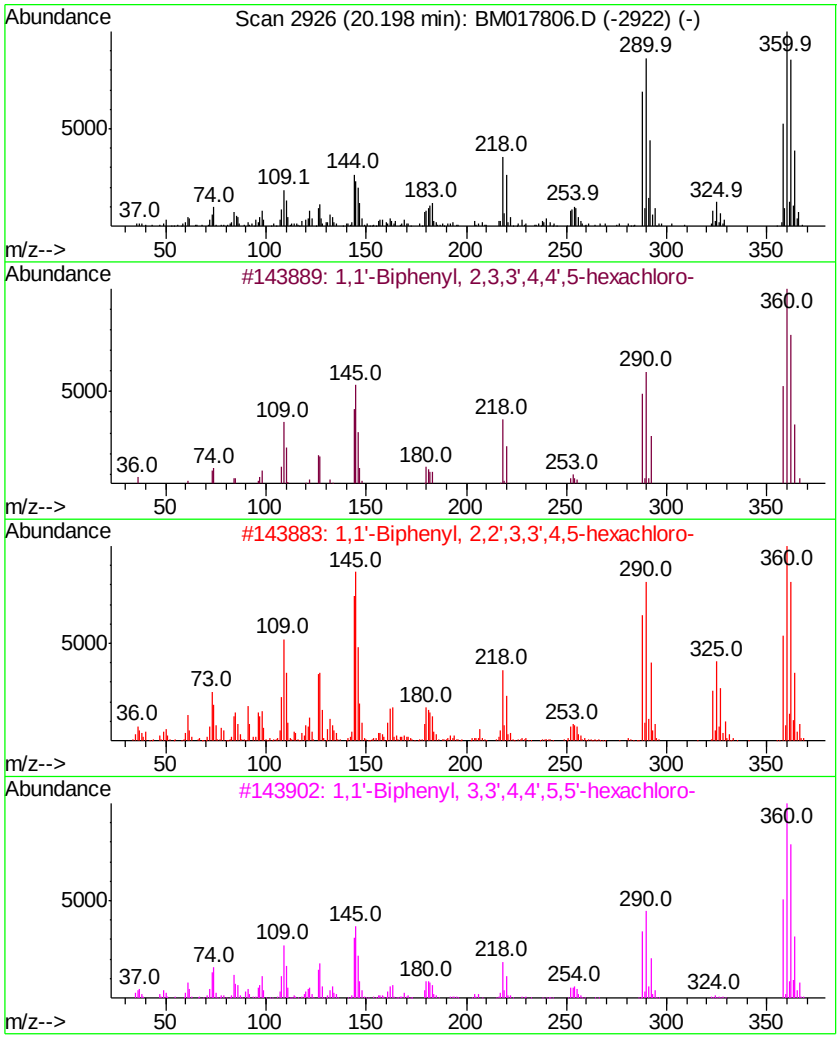
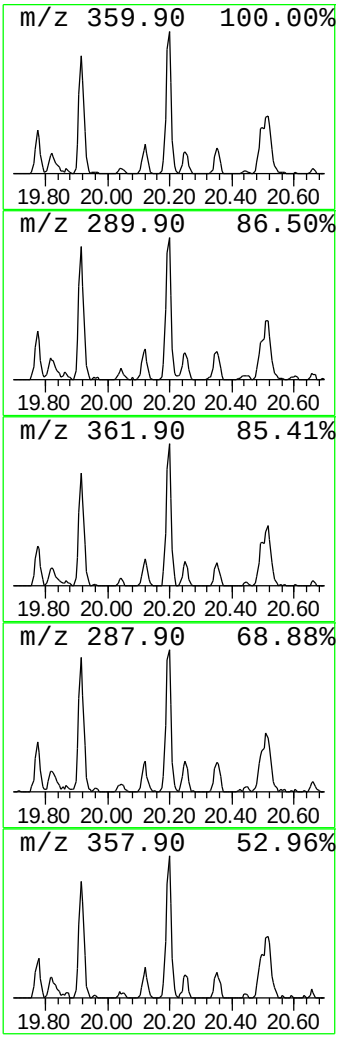
Peak Number 9 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	2.34 ng/ul	455560	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	98
2	1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	96
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	96
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	96
5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	96





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Instrument : BNA_M
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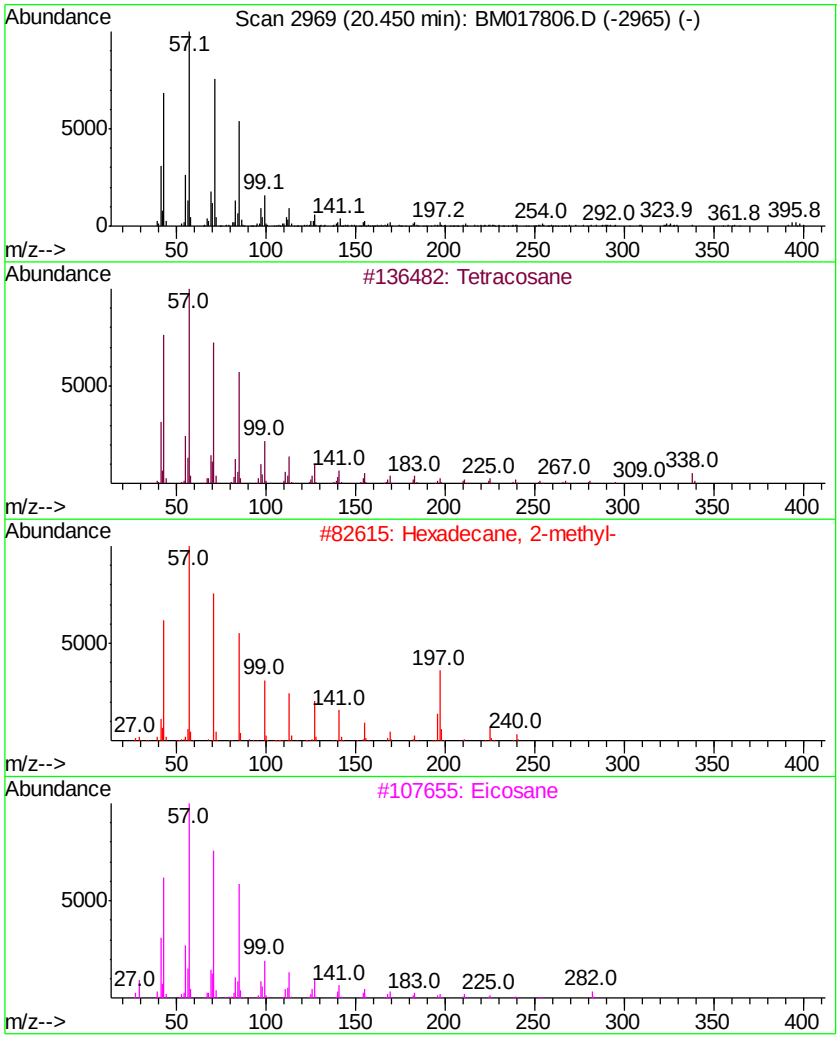
Quant Title : SVOA CALIBRATION

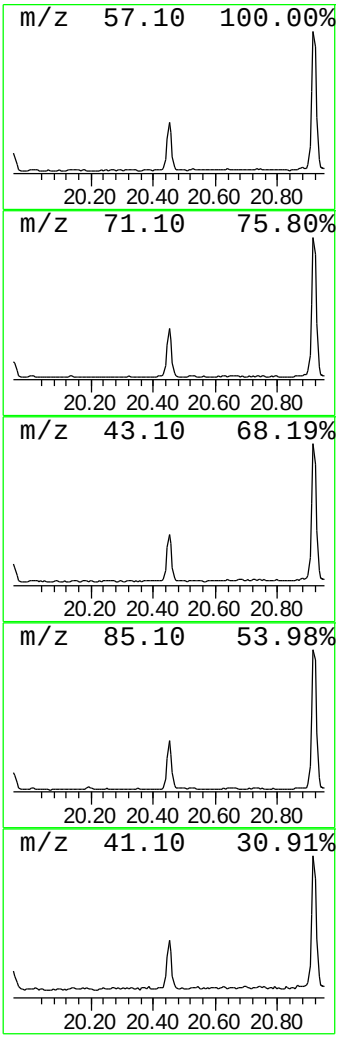
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	3.49 ng/ul	678699	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	93
3	Eicosane	282	C20H42	000112-95-8	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Tetracosane	338	C24H50	000646-31-1	87





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Instrument : BNA_M
ClientSampleId : CB4J8

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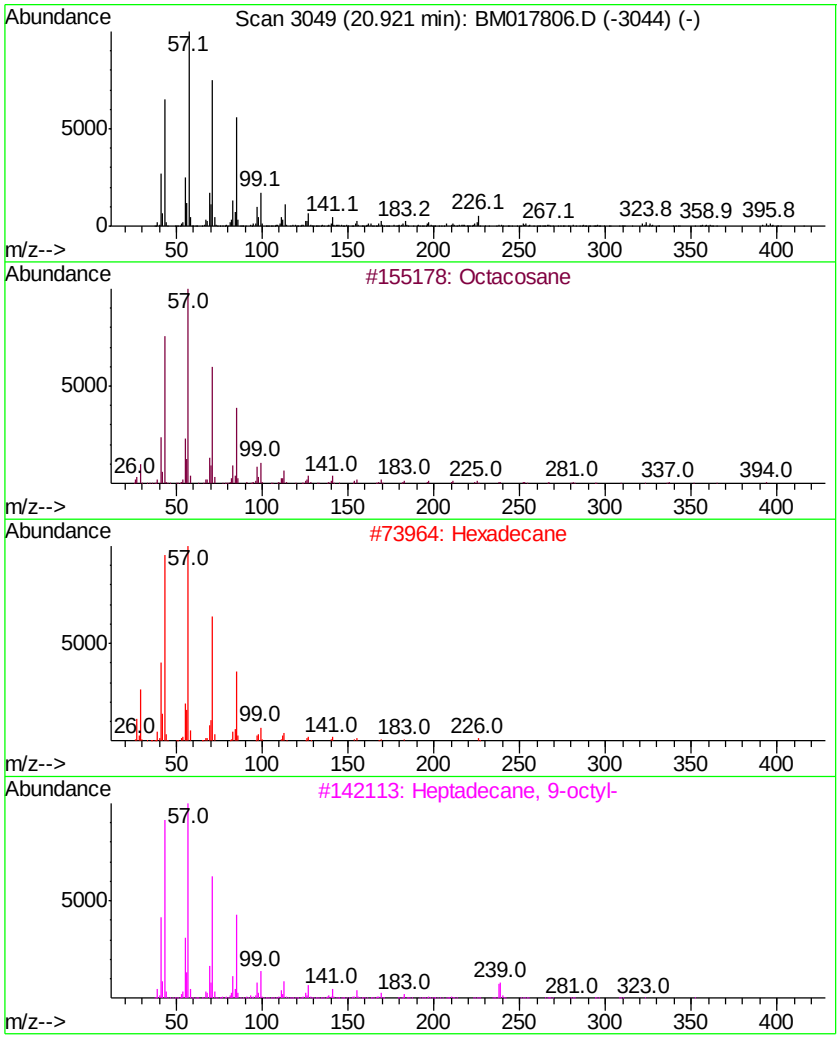
Quant Title : SVOA CALIBRATION

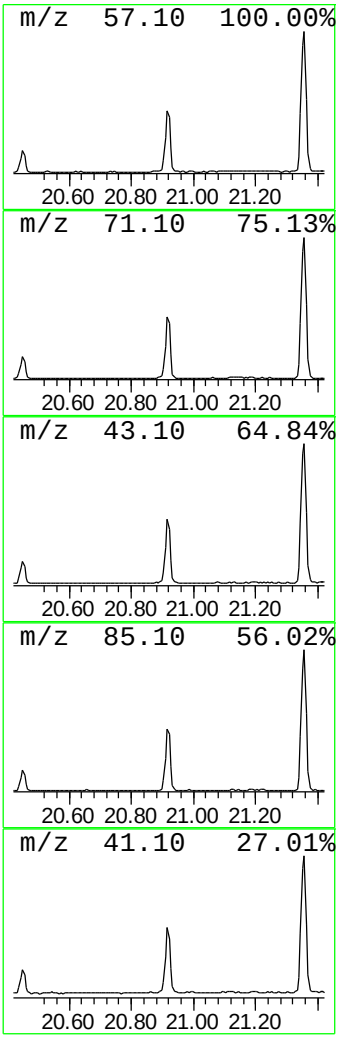
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	10.46 ng/ul	2031970	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Hexadecane	226	C16H34	000544-76-3	95
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4	Hexadecane	226	C16H34	000544-76-3	94
5	Hexadecane	226	C16H34	000544-76-3	94





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

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Quant Title : SVOA CALIBRATION

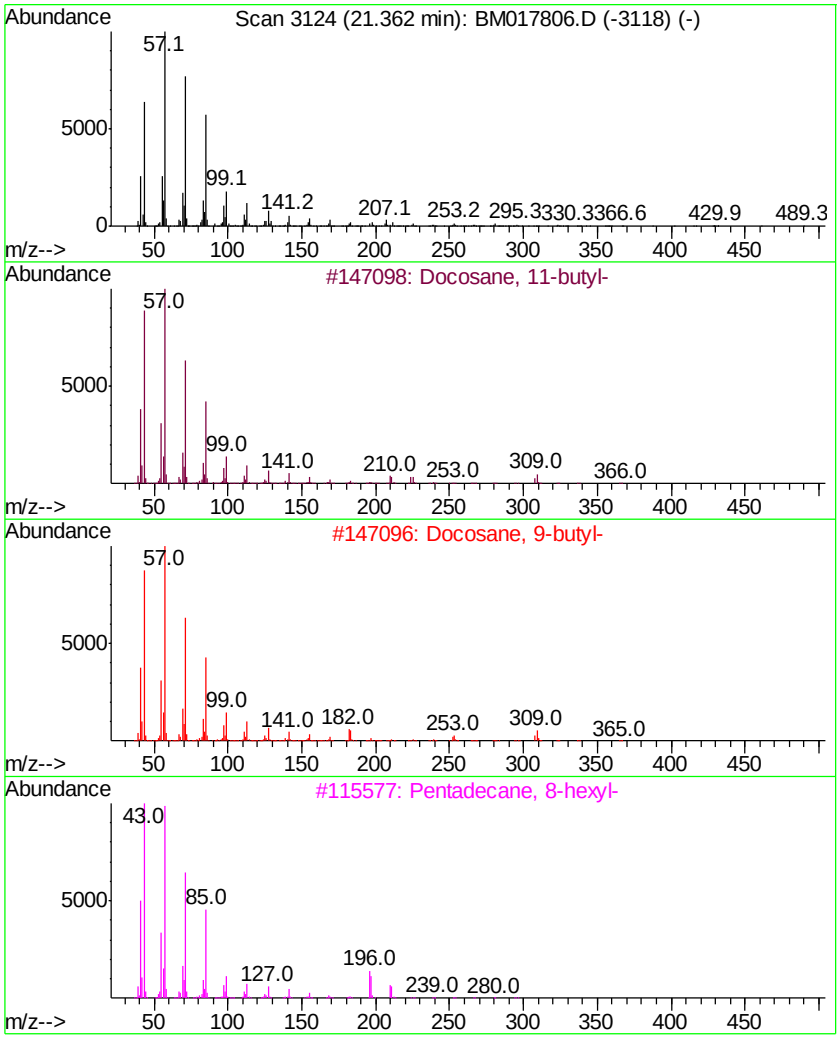
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

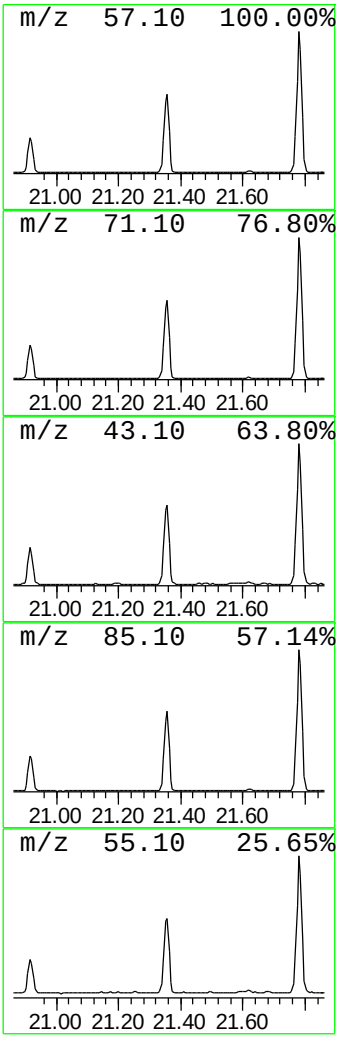
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	21.63 ng/ul	4204110	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	95
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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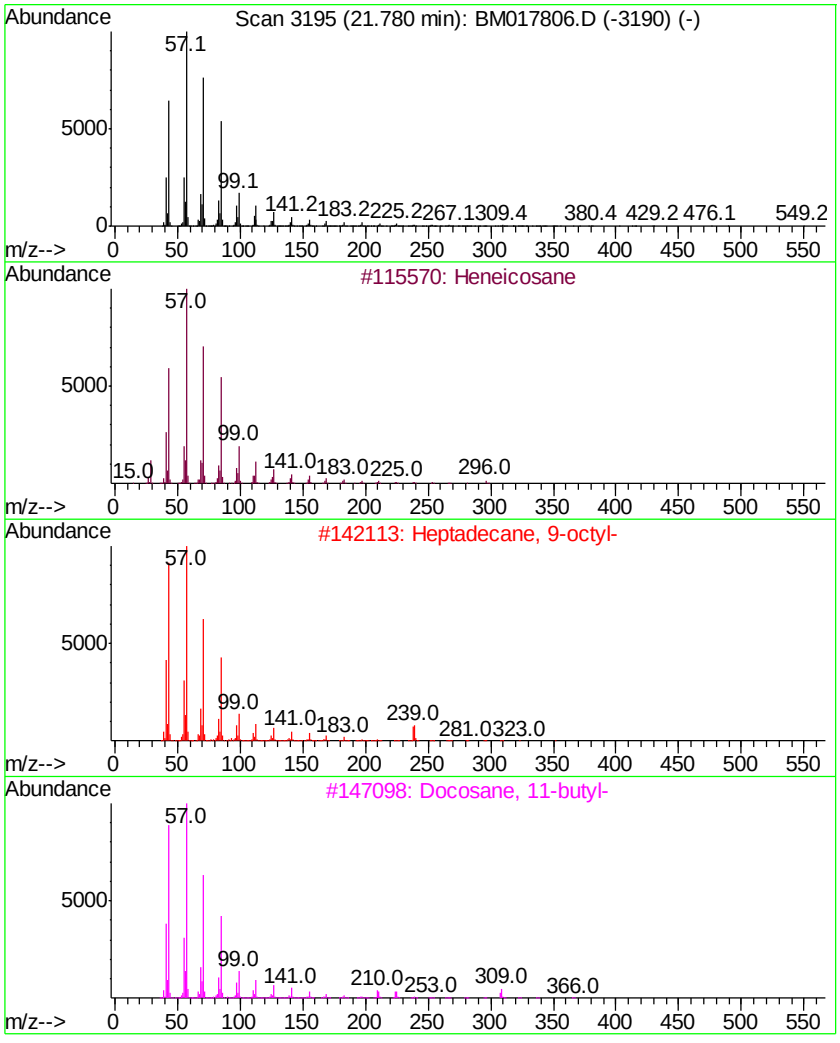
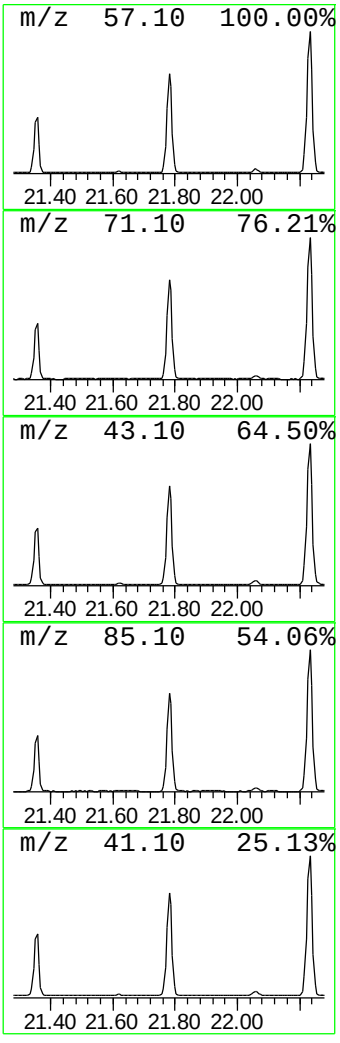
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.78	40.74 ng/ul	7917850	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Tetratetracontane	619	C44H90	007098-22-8	90





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Instrument : BNA_M
ClientSampleId : CB4J8

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Quant Title : SVOA CALIBRATION

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

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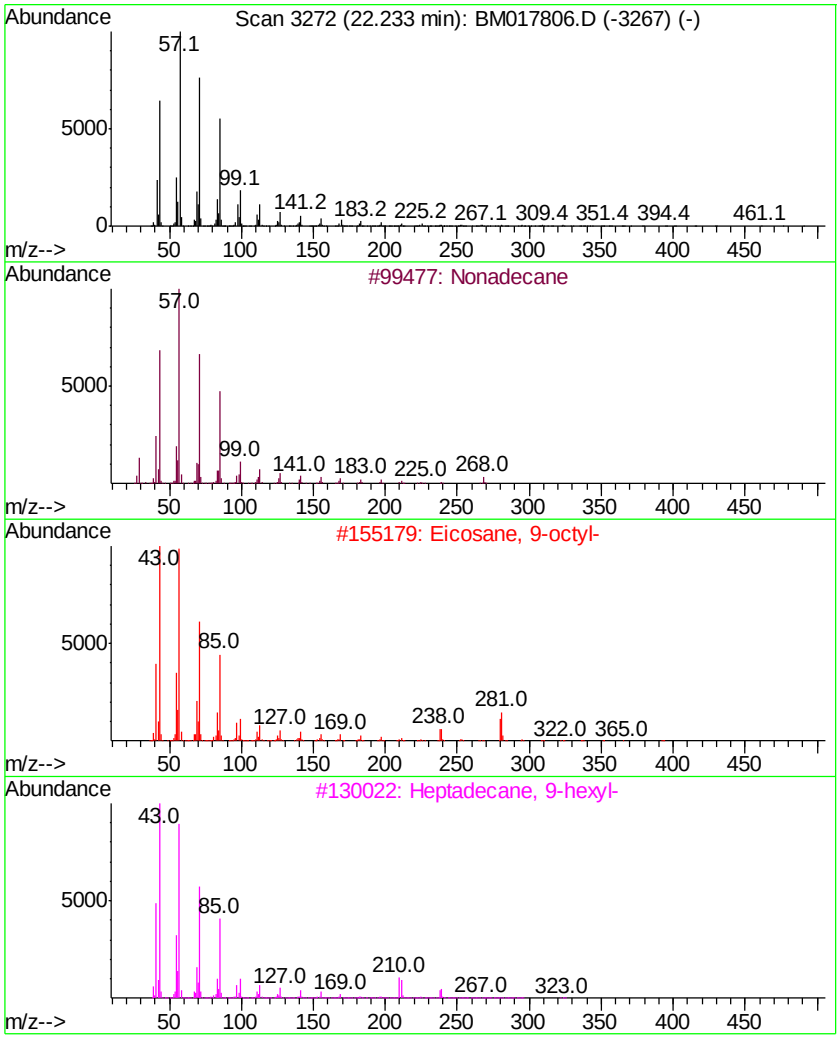
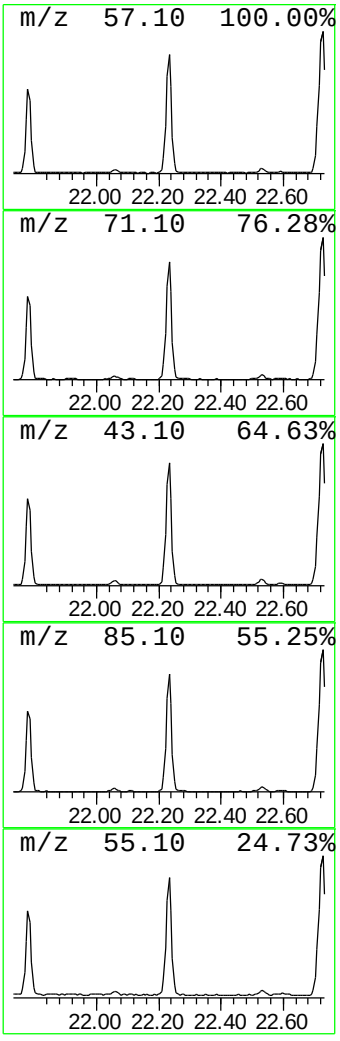
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	60.92 ng/ul	11838500	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
5	Heptacosane	380	C27H56	000593-49-7	91





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Instrument : BNA_M
ClientSampleId : CB4J8

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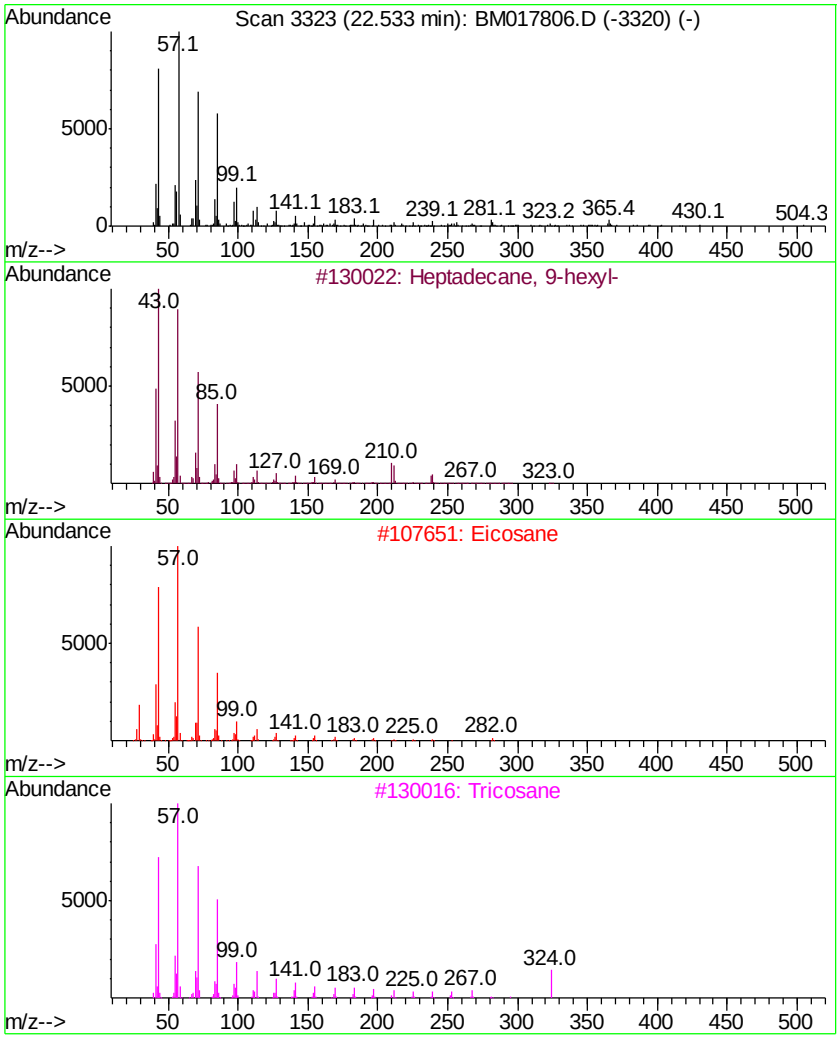
Quant Title : SVOA CALIBRATION

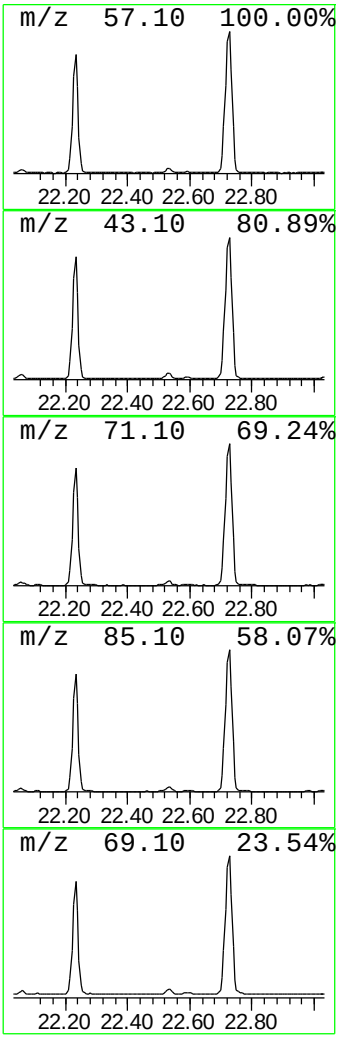
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	3.73 ng/ul	457775	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
2	Eicosane	282	C20H42	000112-95-8	92
3	Tricosane	324	C23H48	000638-67-5	91
4	Nonacosane	408	C29H60	000630-03-5	87
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	87





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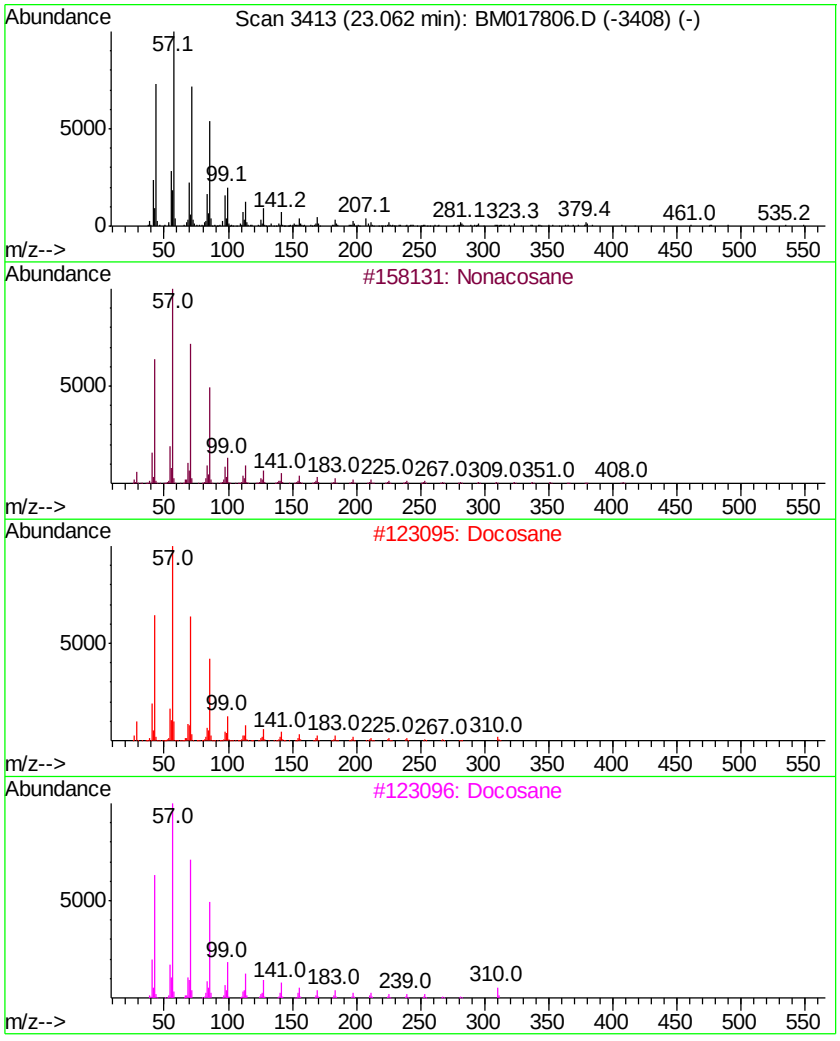
Quant Title : SVOA CALIBRATION

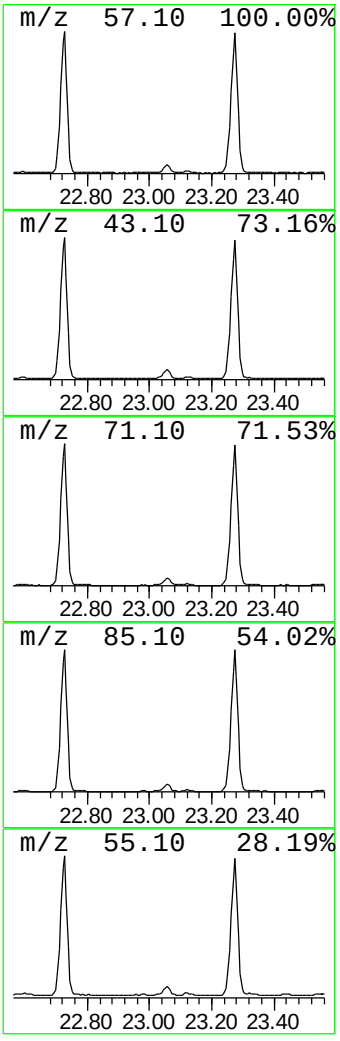
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	7.71 ng/ul	944872	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	95
2	Docosane	310	C22H46	000629-97-0	93
3	Docosane	310	C22H46	000629-97-0	93
4	Hexacosane, 9-octyl-	479	C34H70	055429-83-9	90
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90





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Instrument : BNA_M
ClientSampleId : CB4J8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

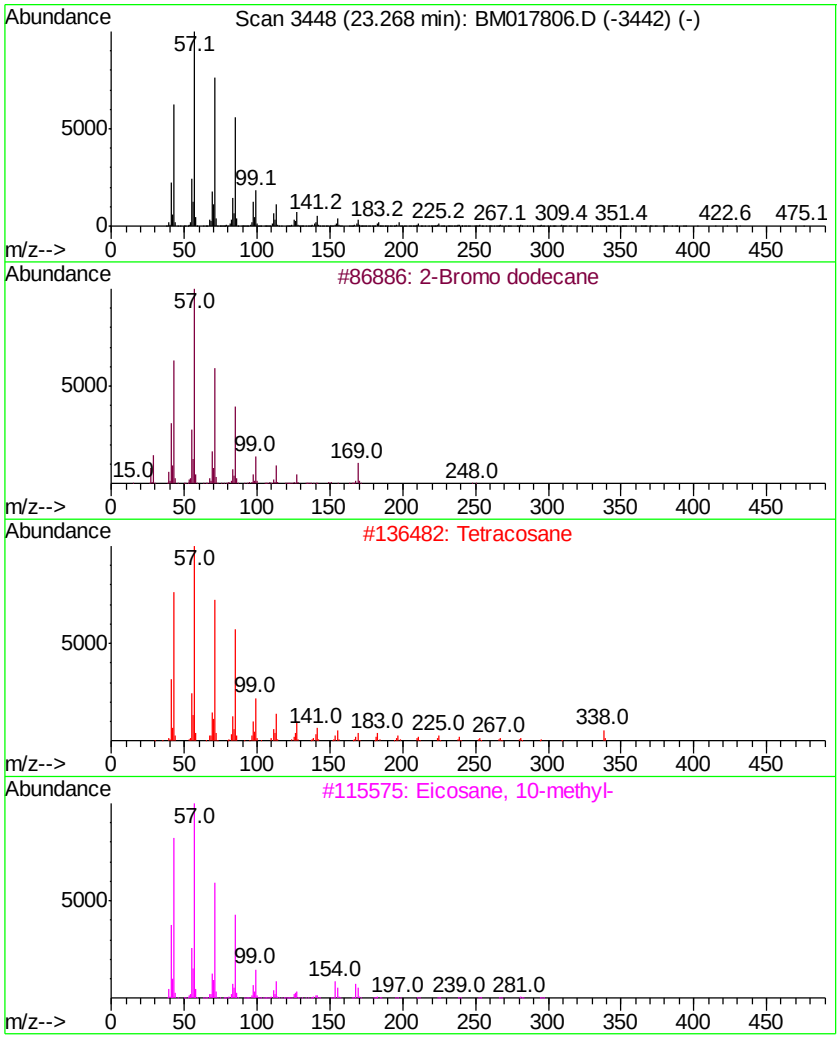
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

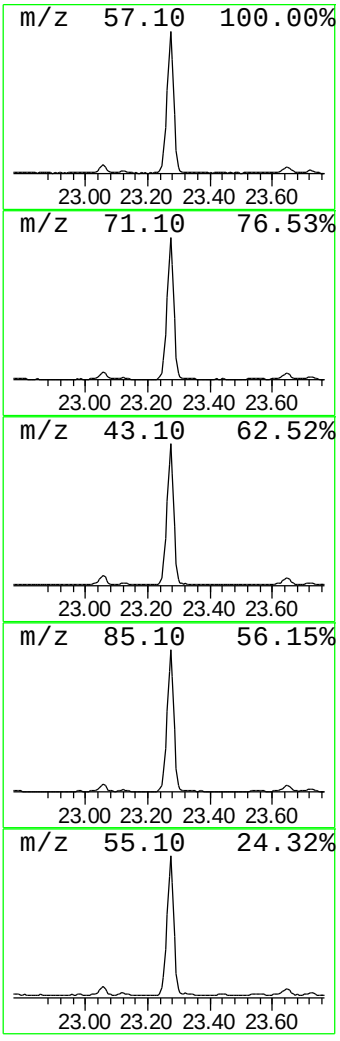
****

Peak Number 18 2-Bromo dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	145.04 ng/ul	17778500	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Tetracosane	338	C24H50	000646-31-1	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BM017806.D
Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

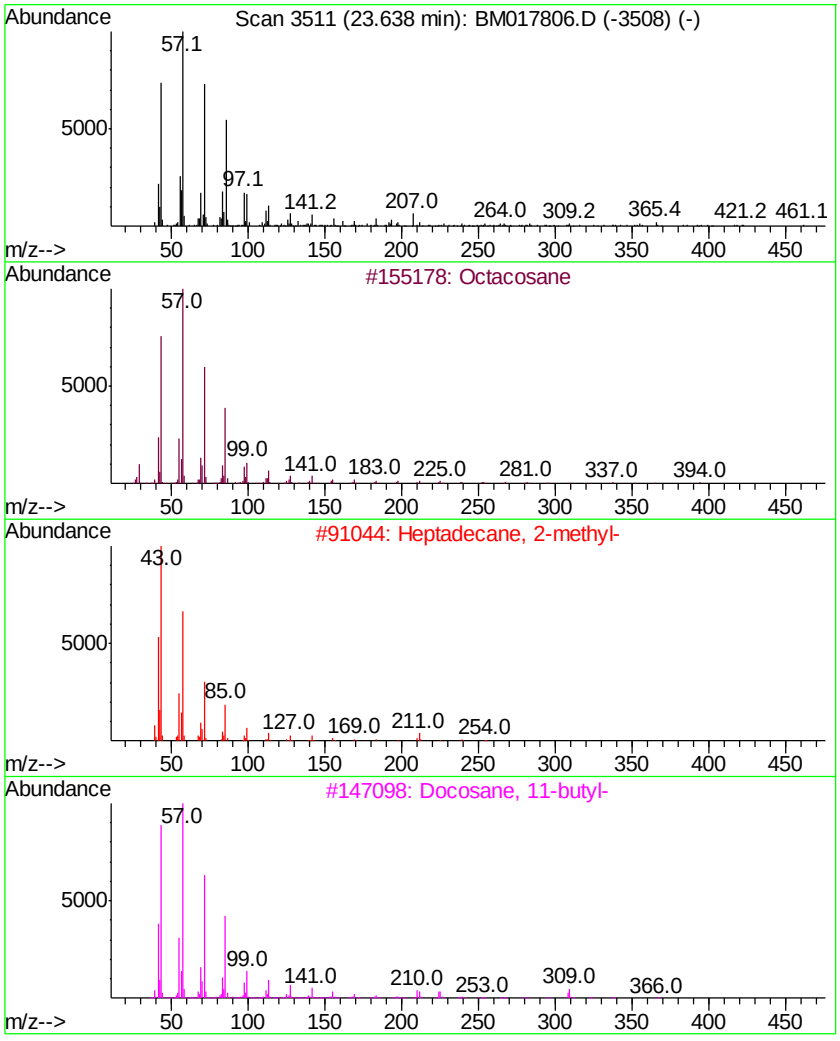
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

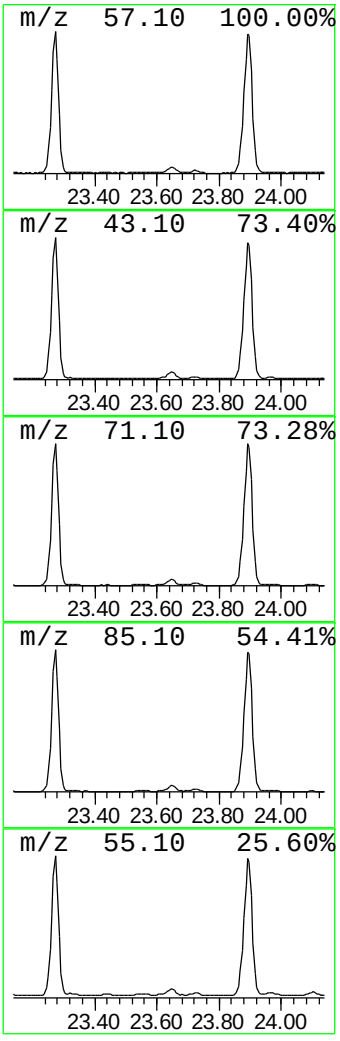
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.64	7.09 ng/ul	869184	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





Library Search Compound Report

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Data File : BM017806.D
Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

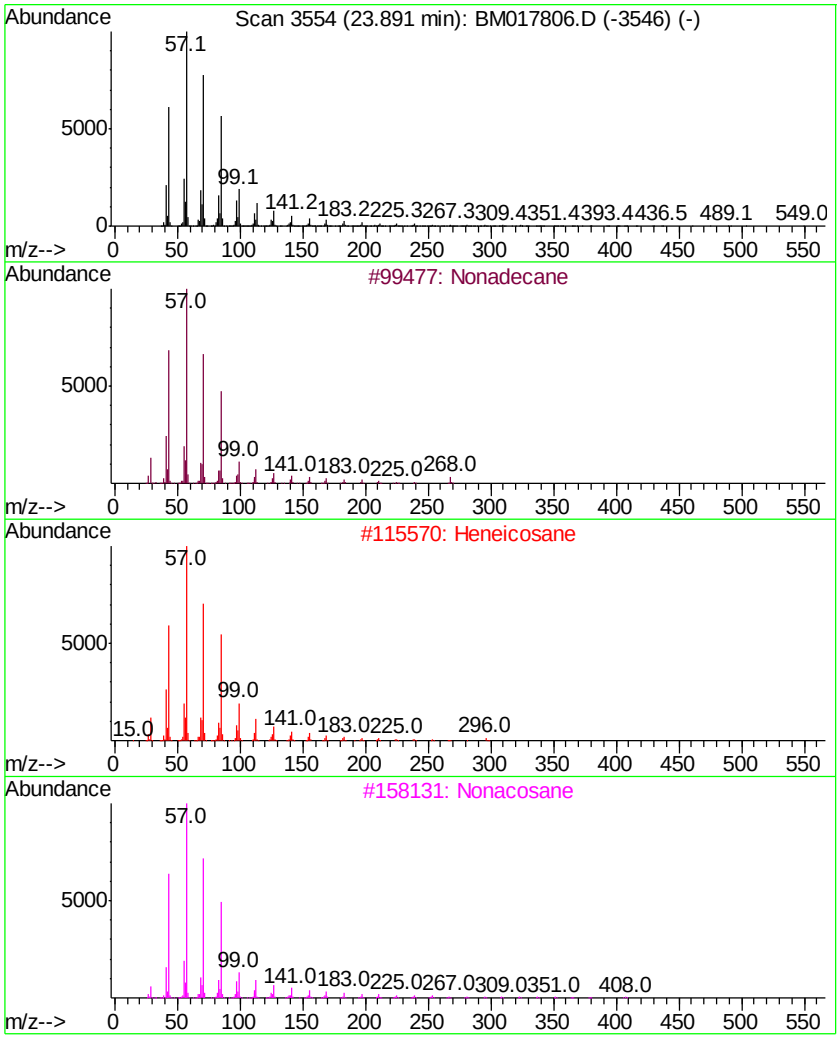
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

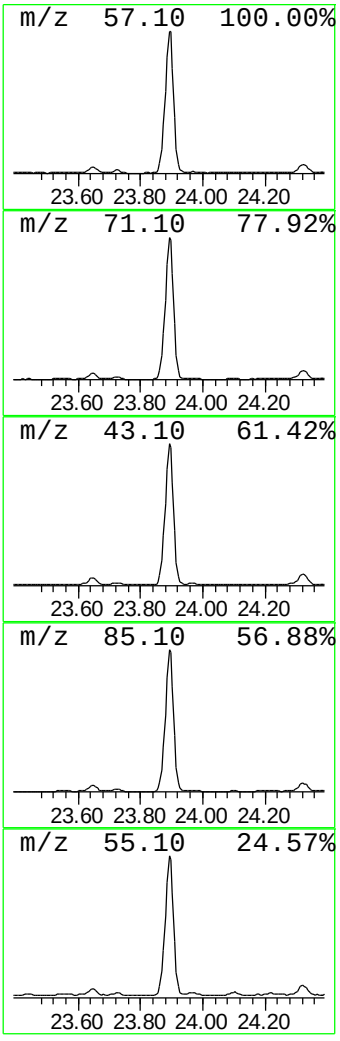
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	175.22 ng/ul	21477600	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





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Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

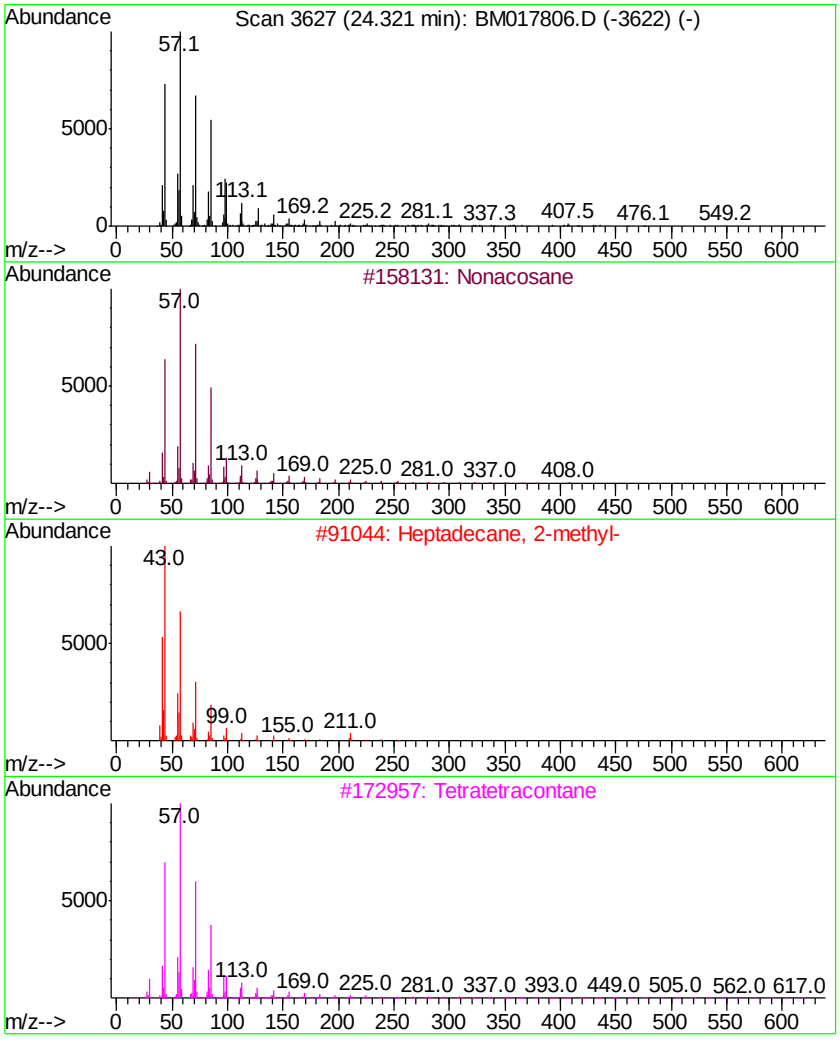
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

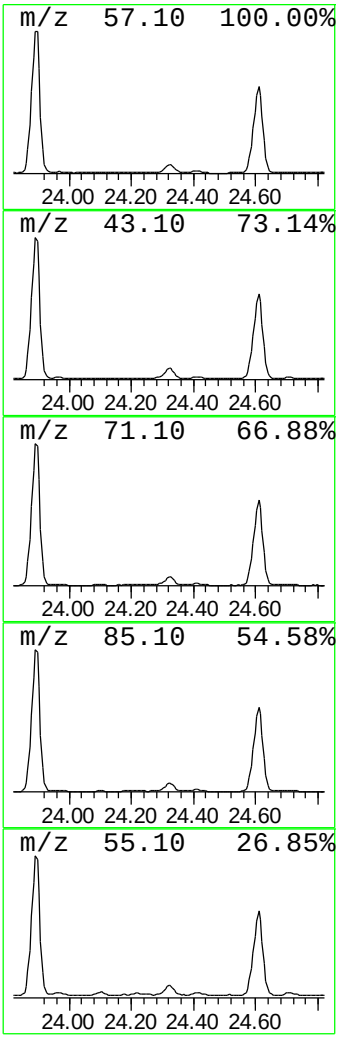
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.32	11.49 ng/ul	1408600	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	93
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	83
3	Tetratetracontane	619	C44H90	007098-22-8	81
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	76
5	Triacontane	422	C30H62	000638-68-6	72





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Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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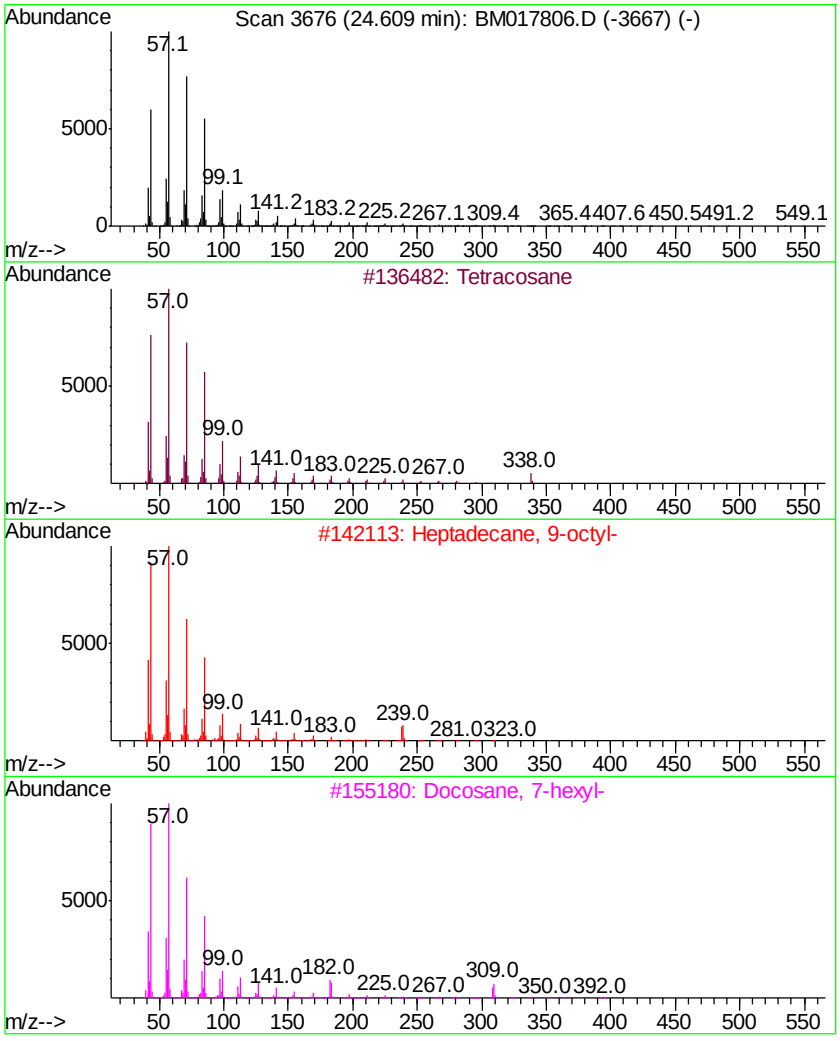
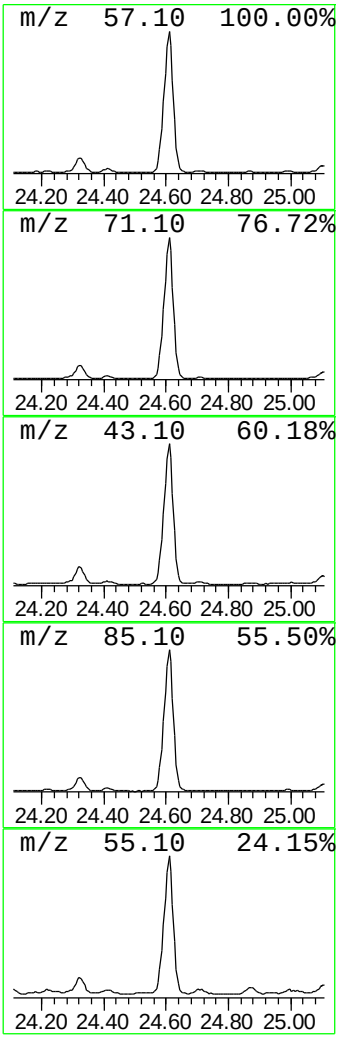
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	118.36 ng/ul	14508400	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	94
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
5	Nonacosane	408	C29H60	000630-03-5	91





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Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

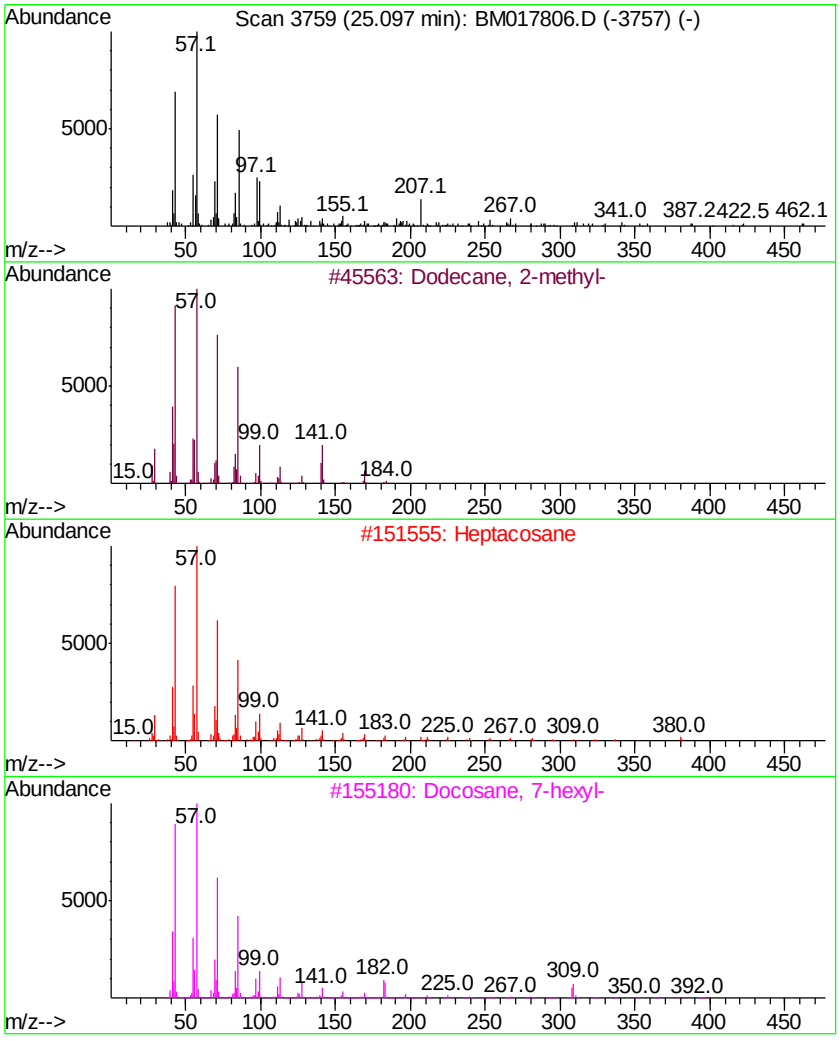
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

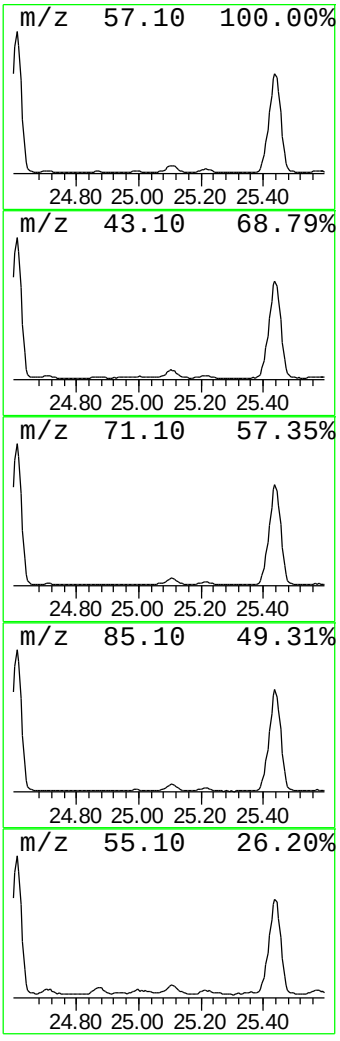
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	7.34 ng/ul	899617	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	70
2	Heptacosane	380	C27H56	000593-49-7	62
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	58
4	Tetracosane	338	C24H50	000646-31-1	58
5	Eicosane	282	C20H42	000112-95-8	58





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Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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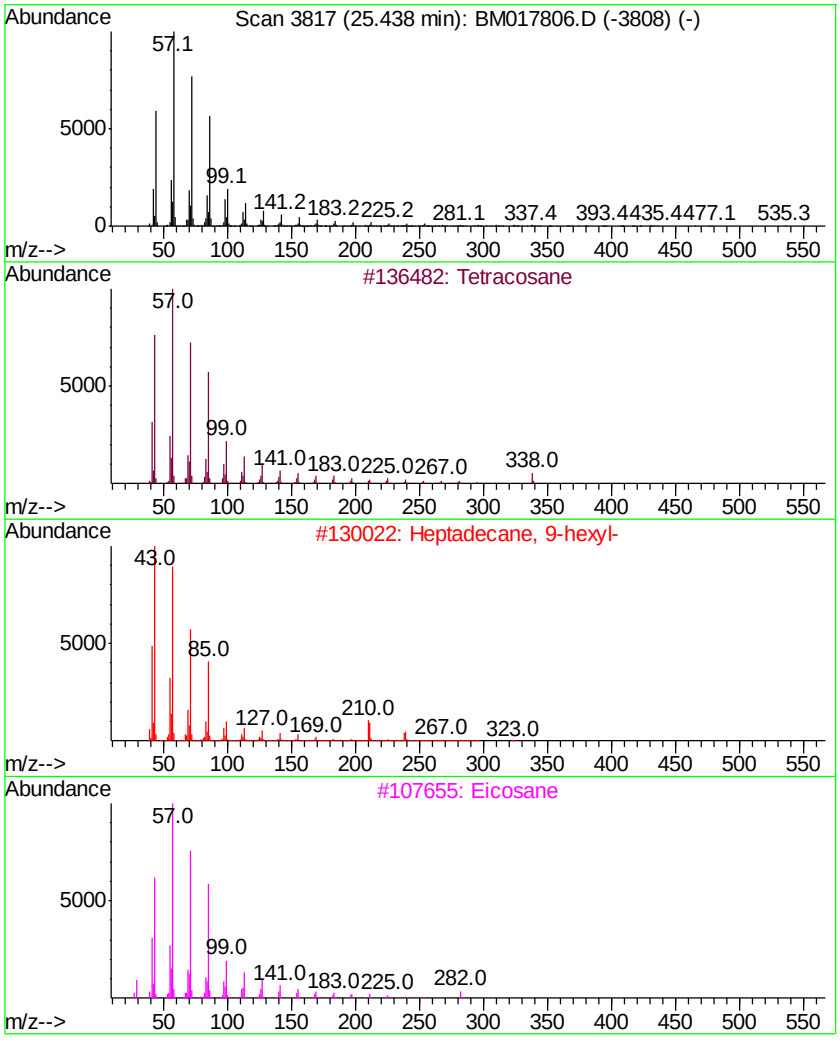
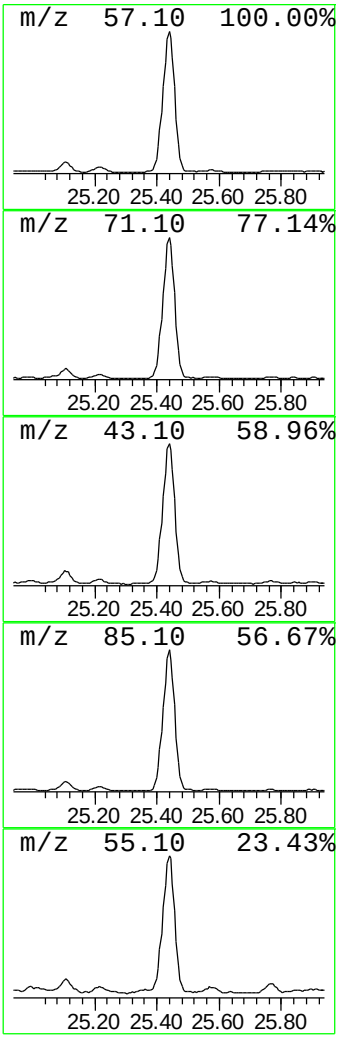
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.44	105.34 ng/ul	12911800	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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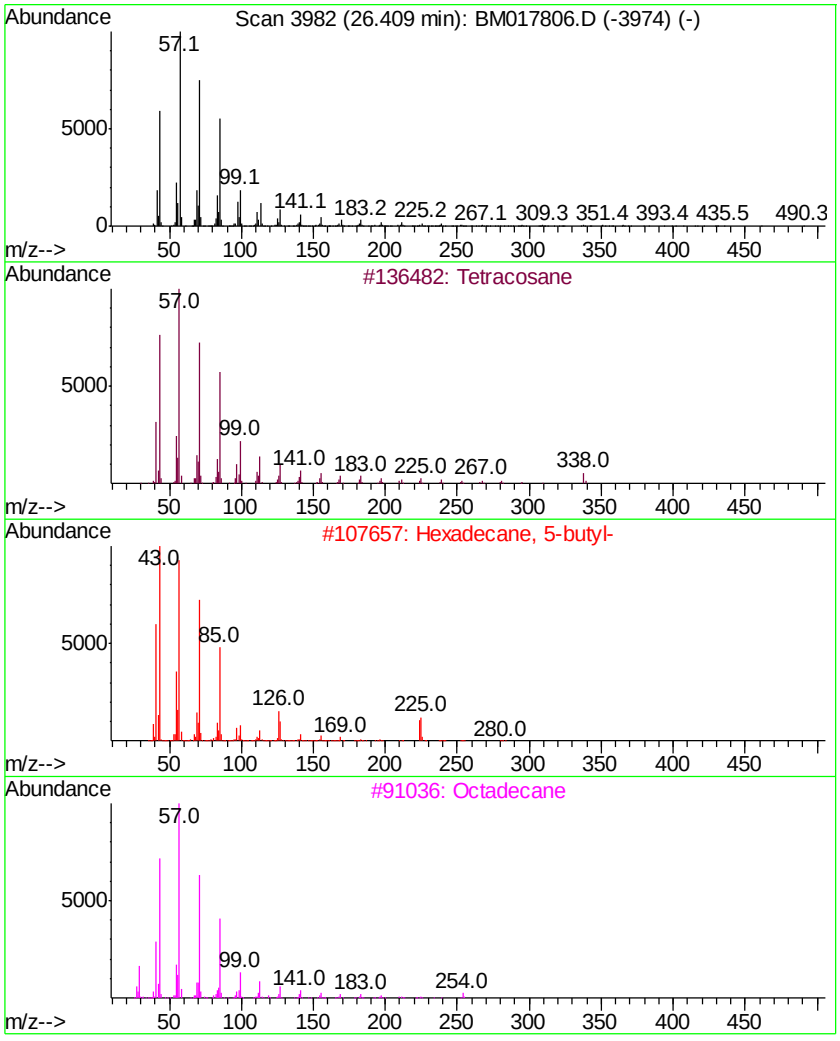
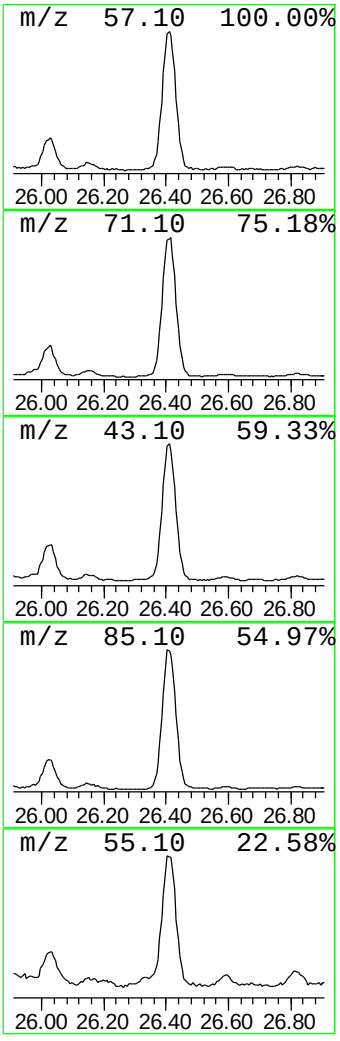
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.41	42.18 ng/ul	5170160	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
3	Octadecane	254	C18H38	000593-45-3	93
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
5	Docosane, 5-butyl-	366	C26H54	055282-16-1	93





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Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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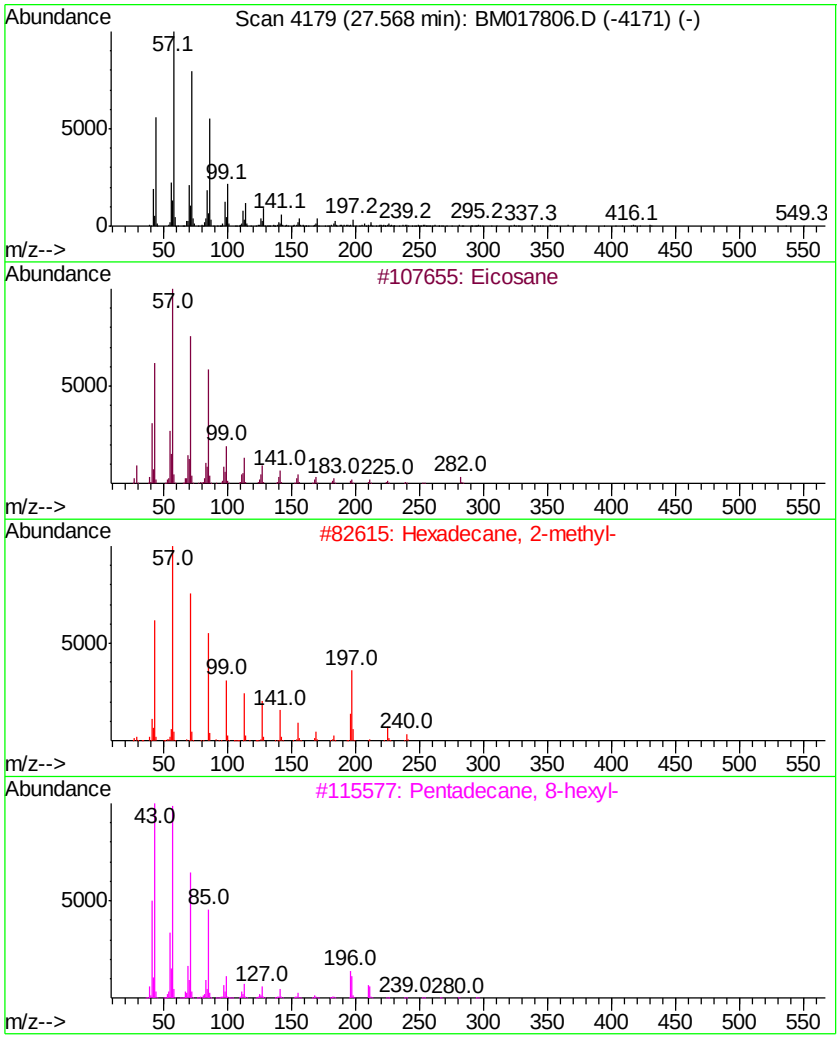
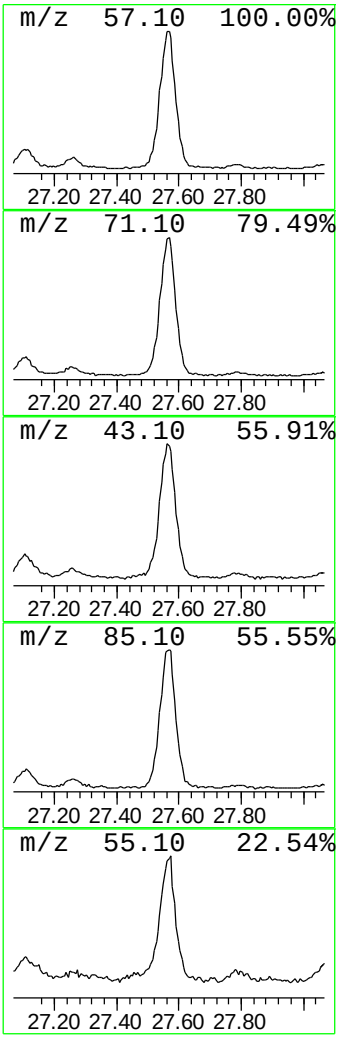
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.57	26.67 ng/ul	3268980	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetratetracontane	619	C44H90	007098-22-8	90





Tentatively Identified Compound (LSC) summary

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Data File : BM017806.D
Acq On : 29 Nov 2018 21:22
Operator : JU/SJ
Sample : J6038-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB4J8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
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...	3.10	9.8	ng/ul	740158	1	7.59	1505160	20.0
1,1'-Biphenyl, 2,...	17.79	2.9	ng/ul	486740	4	16.99	3396410	20.0
unknown-01	18.27	4.9	ng/ul	831411	4	16.99	3396410	20.0
10,18-Bisnorabiet...	19.12	8.1	ng/ul	1574780	5	21.19	3886870	20.0
unknown-02	19.20	2.4	ng/ul	472940	5	21.19	3886870	20.0
Phenanthrene, 1-m...	19.84	9.2	ng/ul	1785590	5	21.19	3886870	20.0
1,1'-Biphenyl, 3,...	19.92	3.5	ng/ul	671690	5	21.19	3886870	20.0
1,1'-Biphenyl, 2,...	20.20	2.3	ng/ul	455560	5	21.19	3886870	20.0
(DEL) Alkane: Str...	20.45	3.5	ng/ul	678699	5	21.19	3886870	20.0
(DEL) Alkane: Str...	20.92	10.5	ng/ul	2031970	5	21.19	3886870	20.0
(DEL) Alkane: Str...	21.36	21.6	ng/ul	4204110	5	21.19	3886870	20.0
(DEL) Alkane: Str...	21.78	40.7	ng/ul	7917850	5	21.19	3886870	20.0
(DEL) Alkane: Str...	22.23	60.9	ng/ul	11838500	5	21.19	3886870	20.0
(DEL) Alkane: Str...	22.53	3.7	ng/ul	457775	6	23.38	2451480	20.0
(DEL) Alkane: Str...	23.06	7.7	ng/ul	944872	6	23.38	2451480	20.0
2-Bromo dodecane	23.27	145.0	ng/ul	17778500	6	23.38	2451480	20.0
(DEL) Alkane: Str...	23.64	7.1	ng/ul	869184	6	23.38	2451480	20.0
(DEL) Alkane: Str...	23.89	175.2	ng/ul	21477600	6	23.38	2451480	20.0
(DEL) Alkane: Str...	24.32	11.5	ng/ul	1408600	6	23.38	2451480	20.0
(DEL) Alkane: Str...	24.61	118.4	ng/ul	14508400	6	23.38	2451480	20.0
(DEL) Alkane: Str...	25.10	7.3	ng/ul	899617	6	23.38	2451480	20.0
(DEL) Alkane: Str...	25.44	105.3	ng/ul	12911800	6	23.38	2451480	20.0
(DEL) Alkane: Str...	26.41	42.2	ng/ul	5170160	6	23.38	2451480	20.0
(DEL) Alkane: Str...	27.57	26.7	ng/ul	3268980	6	23.38	2451480	20.0