LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042126.D
Acq On : 10 Aug 2019 15:22
Operator : HP/JU
Sample : K4184-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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_G\METHODS\SOM-EPA-BG080319MA.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	3.150	6	10	29	rVB	509526	834586	24.28%	1.998%
2	3.420	52	56	64	rVB	17217	28516	0.83%	0.068%
3	3.708	102	105	109	rBV3	2996	5220	0.15%	0.012%
4	4.184	182	186	191	rVB2	5312	8636	0.25%	0.021%
5	5.118	337	345	349	rBV4	2682	4890	0.14%	0.012%
6	6.528	568	585	586	rBV2	19594	48131	1.40%	0.115%
7	6.687	598	612	617	rBV5	35169	156762	4.56%	0.375%
8	6.898	636	648	649	rBV	65478	168135	4.89%	0.403%
9	7.198	687	699	712	rVB3	118778	371602	10.81%	0.890%
10	7.363	720	727	738	rVB	195286	340169	9.90%	0.815%
11	7.574	756	763	772	rBV	234264	414197	12.05%	0.992%
12	7.968	823	830	836	rBV4	1874	4663	0.14%	0.011%
13	8.044	836	843	852	rBV	336172	591635	17.21%	1.417%
14	8.755	956	964	977	rBV	185076	332217	9.66%	0.796%
15	9.114	1017	1025	1026	rBV6	13433	24224	0.70%	0.058%
16	9.208	1034	1041	1051	rBV	241494	470754	13.69%	1.127%
17	9.384	1068	1071	1074	rVV5	3568	4762	0.14%	0.011%
18	9.454	1076	1083	1093	rVB4	23994	71393	2.08%	0.171%
19	9.660	1114	1118	1121	rVB4	2964	3890	0.11%	0.009%
20	9.942	1156	1166	1173	rBV	219266	411206	11.96%	0.985%
21	10.130	1194	1198	1200	rVB3	3309	3919	0.11%	0.009%
22	10.483	1250	1258	1273	rBV	374315	716901	20.85%	1.717%
23	10.641	1280	1285	1286	rBV2	3199	3932	0.11%	0.009%
24	10.864	1315	1323	1336	rBV	461781	868483	25.26%	2.080%
25	11.522	1431	1435	1439	rBV4	2759	4194	0.12%	0.010%
26	11.669	1454	1460	1463	rBV4	3123	5379	0.16%	0.013%
27	11.875	1491	1495	1505	rVB5	3838	7282	0.21%	0.017%
28	12.016	1515	1519	1523	rVV3	2902	5555	0.16%	0.013%
29	12.063	1523	1527	1532	rVB4	9311	13975	0.41%	0.033%
30	12.351	1571	1576	1581	rBV3	4423	8094	0.24%	0.019%
31	12.451	1589	1593	1600	rVB2	7771	14510	0.42%	0.035%
32	13.062	1693	1697	1703	rBV7	3993	7465	0.22%	0.018%
33	13.309	1730	1739	1746	rBV3	10884	20634	0.60%	0.049%
34	13.403	1750	1755	1758	rBV5	2285	3907	0.11%	0.009%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042126.D
Acq On : 10 Aug 2019 15:22
Operator : HP/JU
Sample : K4184-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	13.444	1760	1762	1766	rVB3	2802	3684	0.11%	0.009%
36	13.591	1781	1787	1795	rBV4	22425	42086	1.22%	0.101%
37	14.096	1867	1873	1877	rBV	723705	1076088	31.30%	2.577%
38	14.143	1877	1881	1888	rVV	415610	622071	18.10%	1.490%
39	14.202	1888	1891	1894	rVV4	3692	5589	0.16%	0.013%
40	14.390	1911	1923	1936	rVV	847606	1345773	39.15%	3.223%
41	14.560	1947	1952	1956	rVB6	4180	7284	0.21%	0.017%
42	14.695	1963	1975	1985	rBV	783038	1275813	37.11%	3.055%
43	14.895	2002	2009	2023	rBV	46135	109803	3.19%	0.263%
44	15.007	2024	2028	2032	rVB7	4853	8353	0.24%	0.020%
45	15.107	2040	2045	2048	rBV4	12493	16024	0.47%	0.038%
46	15.212	2061	2063	2066	rBV4	3395	3702	0.11%	0.009%
47	15.430	2094	2100	2103	rBV	143566	228251	6.64%	0.547%
48	15.500	2103	2112	2124	rVB2	524660	1449393	42.16%	3.471%
49	15.688	2133	2144	2156	rBV2	1577169	3437610	100.00%	8.232%
50	15.806	2158	2164	2173	rVB	294808	454433	13.22%	1.088%
51	15.935	2182	2186	2192	rVB5	11919	19220	0.56%	0.046%
52	16.023	2194	2201	2204	rBV7	6942	16662	0.48%	0.040%
53	16.240	2233	2238	2245	rVB5	13249	26961	0.78%	0.065%
54	16.376	2259	2261	2262	rBV2	5741	4093	0.12%	0.010%
55	16.405	2264	2266	2272	rVB5	10712	11619	0.34%	0.028%
56	16.475	2274	2278	2285	rVB8	11113	19433	0.57%	0.047%
57	16.569	2289	2294	2295	rBV4	4907	5887	0.17%	0.014%
58	16.616	2298	2302	2303	rBV4	7298	9933	0.29%	0.024%
59	16.840	2336	2340	2349	rBV9	11468	27681	0.81%	0.066%
60	17.092	2379	2383	2387	rBV7	10226	17326	0.50%	0.041%
61	17.198	2397	2401	2404	rBV5	11771	19011	0.55%	0.046%
62	17.304	2416	2419	2423	rVB5	8753	11184	0.33%	0.027%
63	17.445	2437	2443	2448	rBV2	959132	1444165	42.01%	3.458%
64	17.492	2448	2451	2455	rVV	236311	332264	9.67%	0.796%
65	17.545	2455	2460	2469	rVB	1175591	1742846	50.70%	4.173%
66	17.721	2486	2490	2494	rBV3	9583	15545	0.45%	0.037%
67	17.938	2524	2527	2531	rVB5	17422	24367	0.71%	0.058%
68	18.115	2555	2557	2562	rVB6	13006	15960	0.46%	0.038%
69	18.338	2590	2595	2603	rBV	266522	410800	11.95%	0.984%
70	18.632	2643	2645	2648	rBV3	9816	10376	0.30%	0.025%
71	18.820	2673	2677	2680	rBV3	19783	31969	0.93%	0.077%

LSC Area Percent Report

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Acq On : 10 Aug 2019 15:22
Operator : HP/JU
Sample : K4184-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

72	19.260	2748	2752	2756	rBV2	78636	114756	3.34%	0.275%
73	19.319	2756	2762	2772	rVB2	1292305	2086306	60.69%	4.996%
74	19.466	2784	2787	2797	rVB	26013	53679	1.56%	0.129%
75	19.548	2797	2801	2805	rBV	41090	53769	1.56%	0.129%
76	19.607	2805	2811	2820	rBV3	81775	150195	4.37%	0.360%
77	19.830	2843	2849	2855	rBV	1463482	2104230	61.21%	5.039%
78	20.177	2905	2908	2913	rVB	63370	76853	2.24%	0.184%
79	20.365	2937	2940	2944	rVB	67685	75584	2.20%	0.181%
80	20.406	2944	2947	2951	rVB5	25471	28815	0.84%	0.069%
81	20.577	2974	2976	2979	rVB2	29342	25580	0.74%	0.061%
82	20.735	2999	3003	3007	rVB2	133635	174316	5.07%	0.417%
83	20.864	3021	3025	3028	rVB2	90462	111311	3.24%	0.267%
84	21.276	3090	3095	3107	rBV	222634	391831	11.40%	0.938%
85	21.376	3108	3112	3122	rVB	239737	385651	11.22%	0.923%
86	21.546	3134	3141	3149	rBV2	924366	1557978	45.32%	3.731%
87	21.728	3166	3172	3179	rVB2	905830	1562312	45.45%	3.741%
88	21.857	3189	3194	3202	rBV	168986	255756	7.44%	0.612%
89	21.934	3202	3207	3212	rVB	172357	248466	7.23%	0.595%
90	22.498	3298	3303	3308	rBV	201935	323356	9.41%	0.774%
91	22.557	3308	3313	3319	rVB	204358	326028	9.48%	0.781%
92	23.221	3420	3426	3430	rBV2	231694	458006	13.32%	1.097%
93	23.268	3430	3434	3442	rVB	251097	455806	13.26%	1.091%
94	24.061	3562	3569	3571	rBV2	223603	465716	13.55%	1.115%
95	24.689	3665	3676	3683	rBV	722025	2118211	61.62%	5.072%
96	24.783	3683	3692	3704	rVV	791461	2192210	63.77%	5.249%
97	24.919	3705	3715	3722	rVV	569515	1632603	47.49%	3.909%
98	25.013	3722	3731	3751	rVB3	663737	2724161	79.25%	6.523%
99	26.223	3927	3937	3952	rVB2	217434	836364	24.33%	2.003%
100	27.627	4166	4176	4189	rVB3	129021	488332	14.21%	1.169%

Sum of corrected areas: 41761258

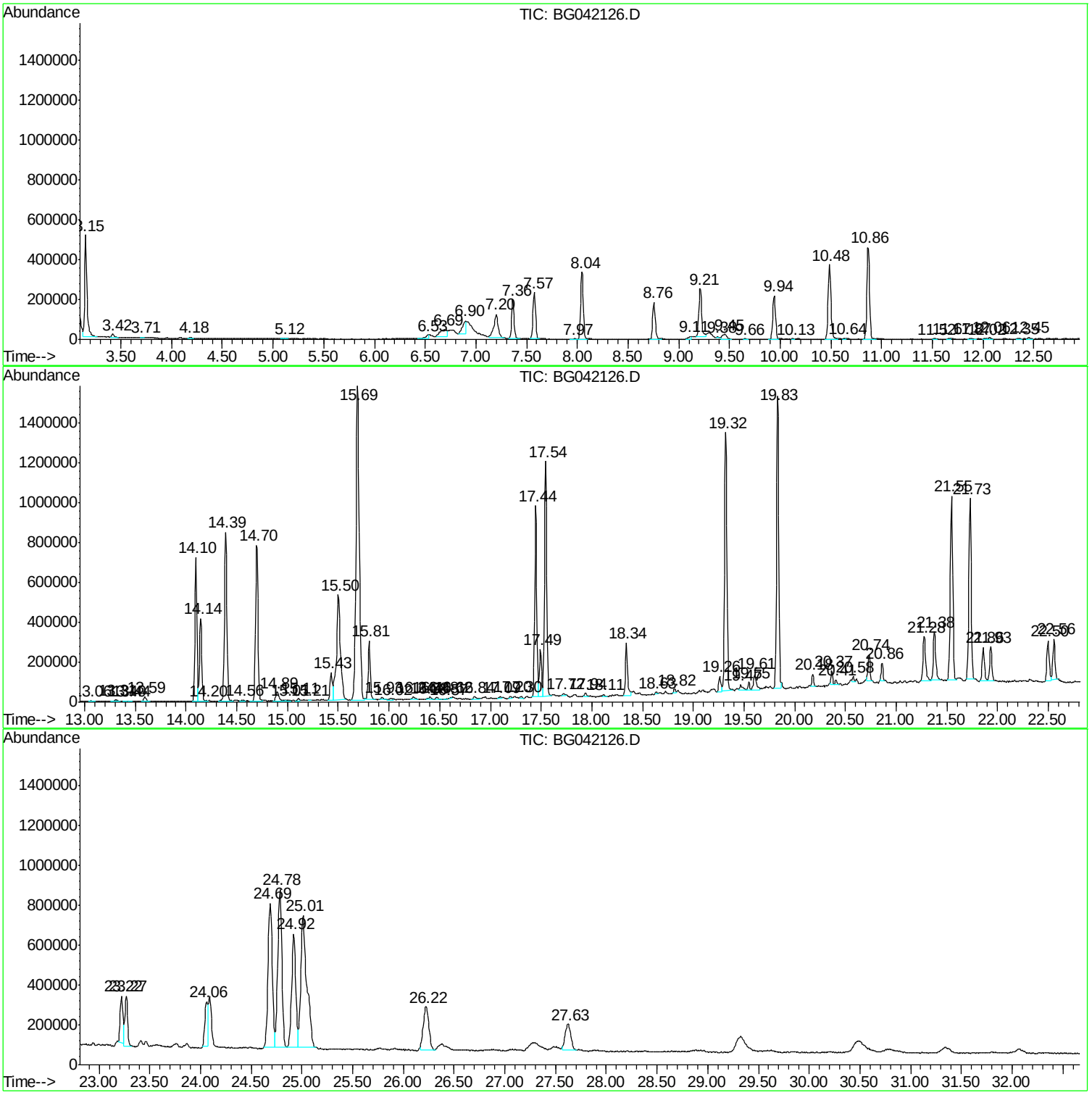
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042126.D
Acq On : 10 Aug 2019 15:22
Operator : HP/JU
Sample : K4184-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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 G\DATA\BG081019\
Data File : BG042126.D
Acq On : 10 Aug 2019 15:22
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

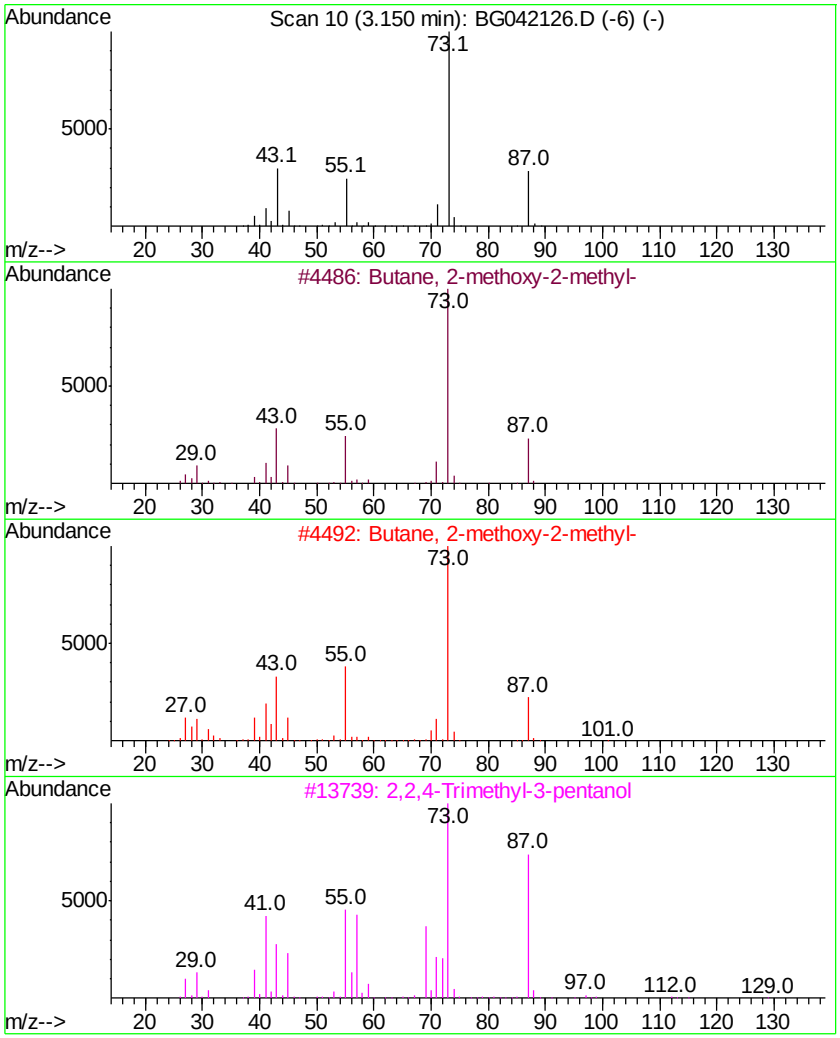
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

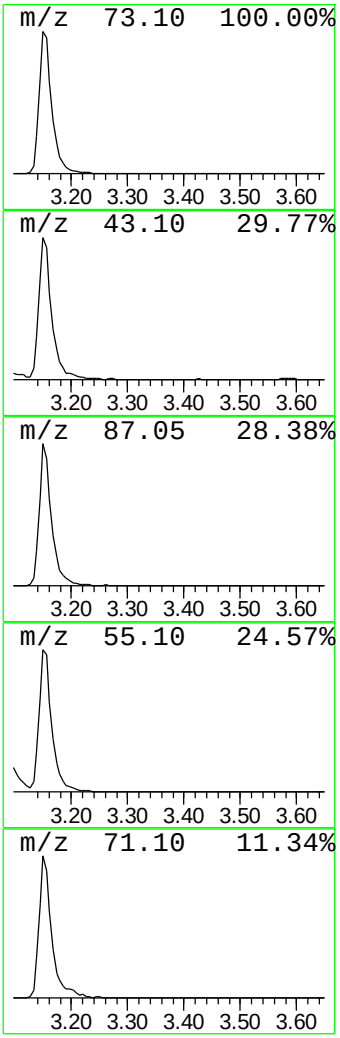
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	28.21 ng/ul	834586	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042126.D
Acq On : 10 Aug 2019 15:22
Operator : HP/JU
Sample : K4184-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

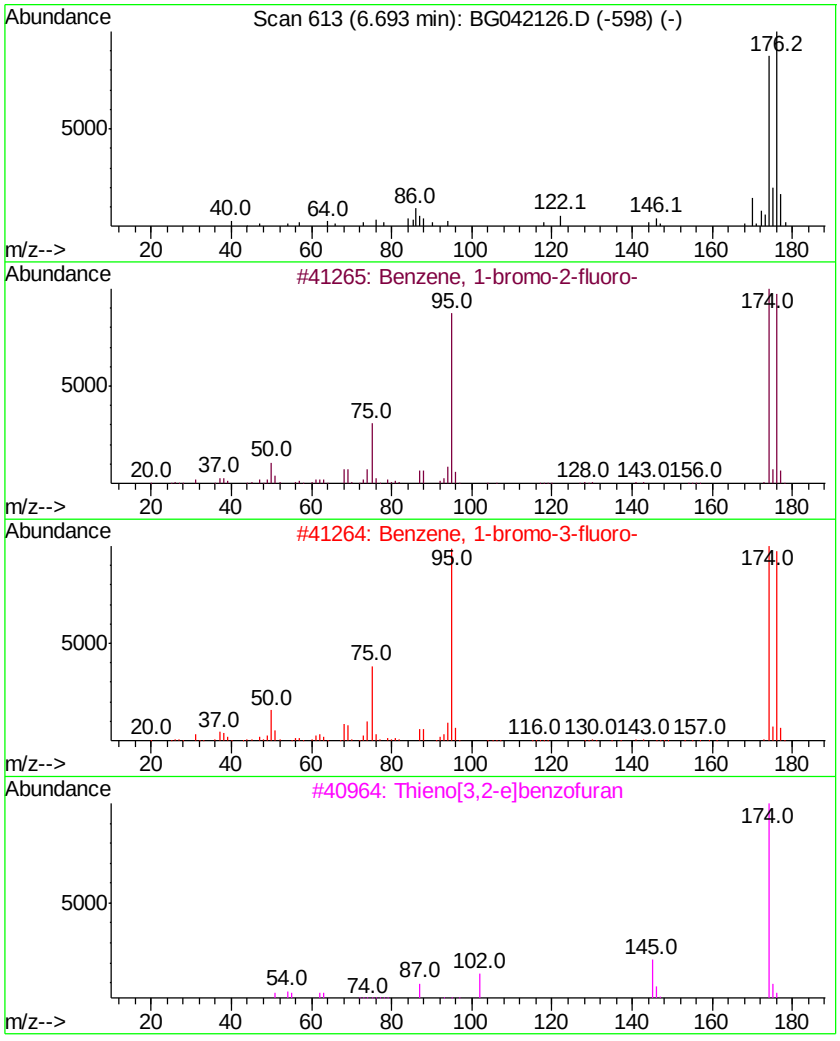
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

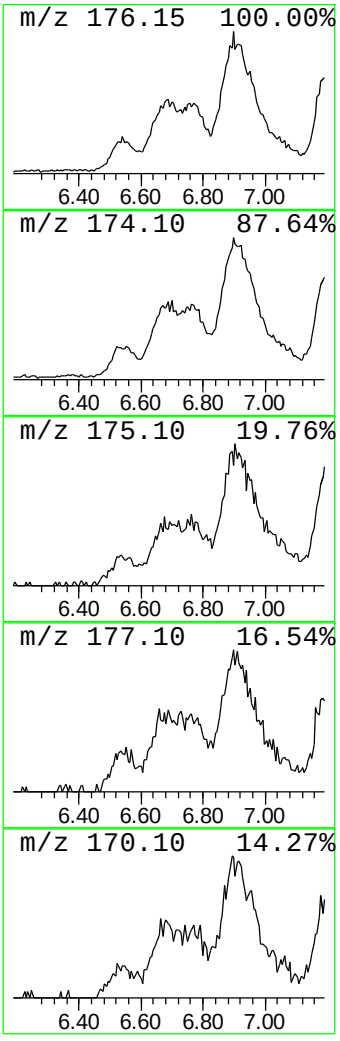
****

Peak Number 2 Benzene, 1-bromo-2-fluoro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	5.30 ng/ul	156762	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-fluoro-	174	C6H4BrF	001072-85-1	64
2	Benzene, 1-bromo-3-fluoro-	174	C6H4BrF	001073-06-9	39
3	Thieno[3,2-e]benzofuran	174	C10H6OS	000438-27-7	35
4	2,3-Dimethylchromone	174	C11H10O2	017584-90-6	35
5	Furo[3,2-E]-2,1,3-benzoxadiazole...	174	C9H6N2O2	216218-89-2	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
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Sample : K4184-08
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Instrument : BNA_G
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

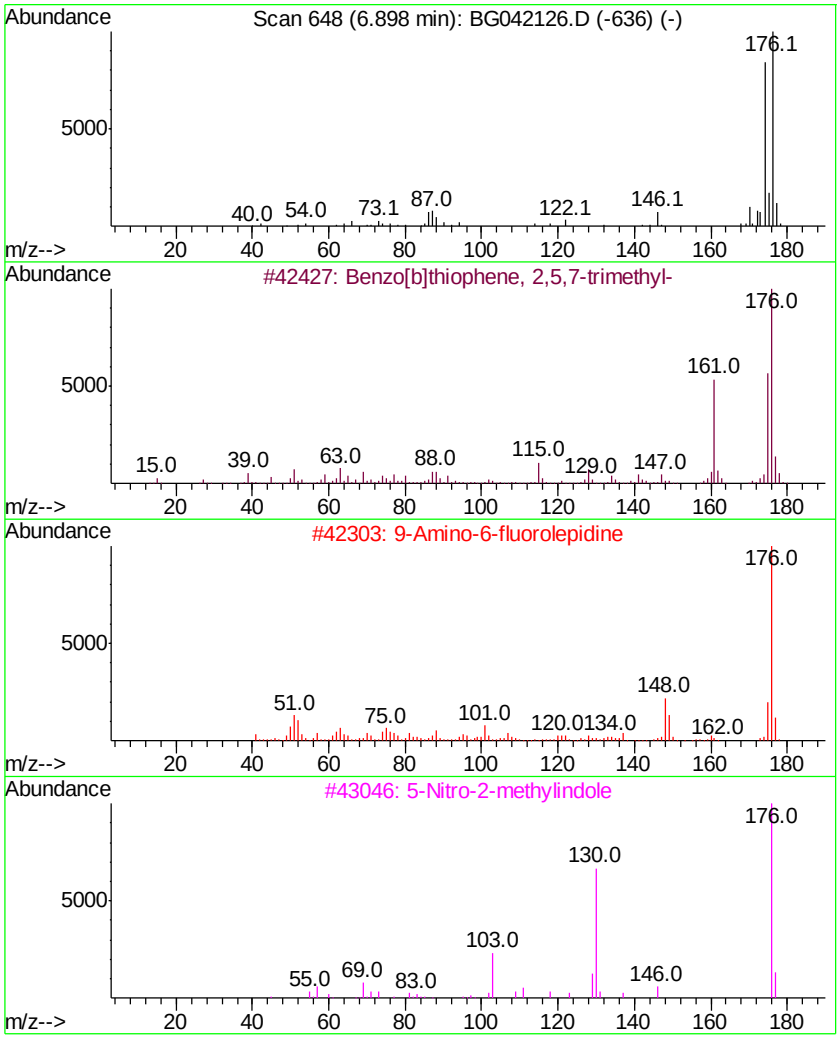
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

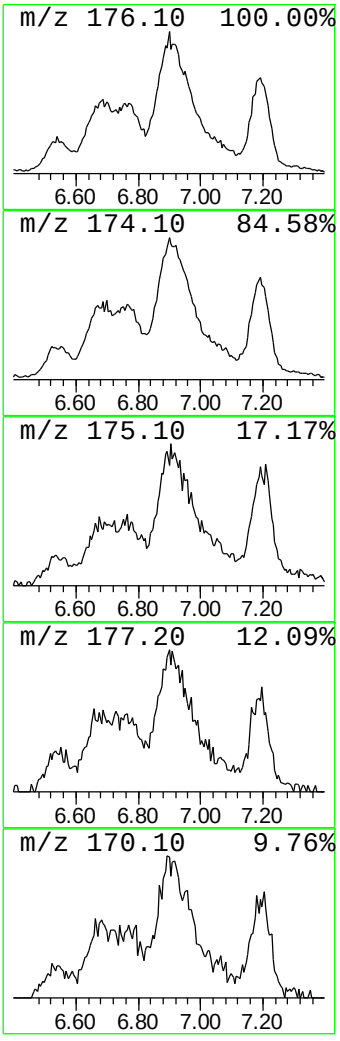
****

Peak Number 3 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	5.68 ng/ul	168135	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,5,7-trimethyl-	176	C11H12S	016587-65-8	17
2	9-Amino-6-fluorolepidine	176	C10H9FN2	064993-16-4	17
3	5-Nitro-2-methylindole	176	C9H8N2O2	007570-47-0	17
4	Thieno[3,2-e]benzofuran	174	C10H6OS	000438-27-7	16
5	1,2-Dihydro-1,3-dimethyl-2-oxoqu...	174	C10H10N2O	003149-25-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042126.D
Acq On : 10 Aug 2019 15:22
Operator : HP/JU
Sample : K4184-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

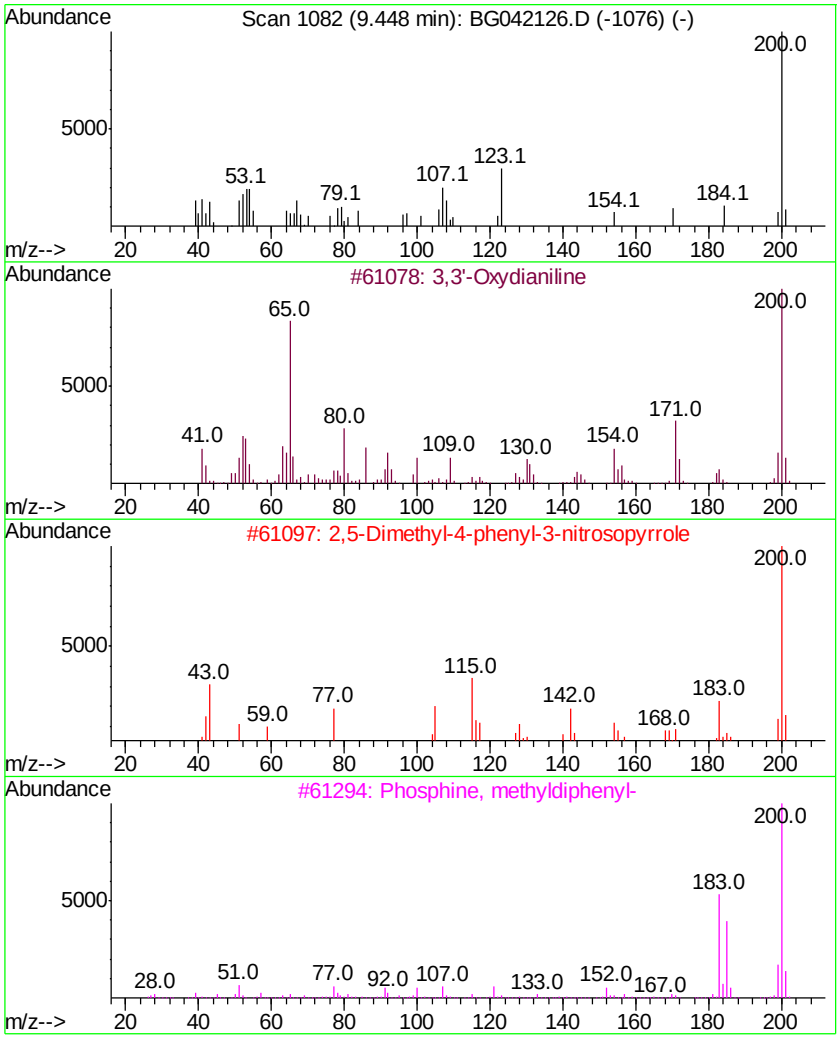
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

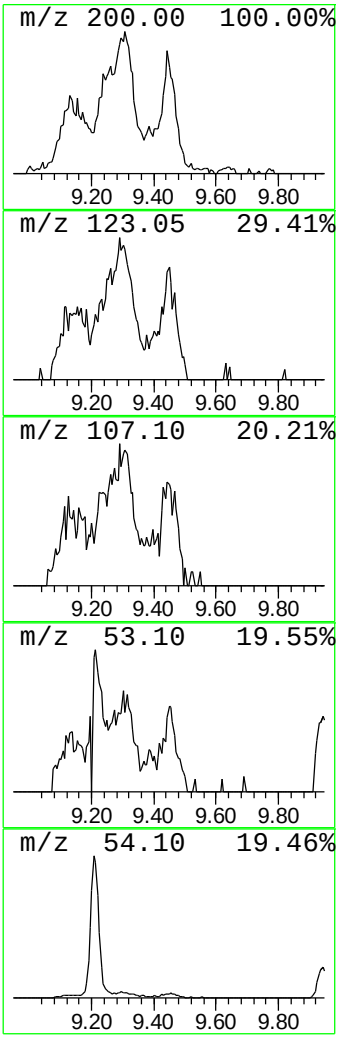
****

Peak Number 4 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	2.41 ng/ul	71393	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Oxydianiline	200	C12H12N2O	015268-07-2	42
2	2,5-Dimethyl-4-phenyl-3-nitrosop...	200	C12H12N2O	075096-70-7	27
3	Phosphine, methyldiphenyl-	200	C13H13P	001486-28-8	25
4	4,7-Phosphinidenephosphindole, 1...	292	C12H22O4P2	016182-90-4	25
5	4(3H)-Pyrimidinone, 2,6-dimethyl...	200	C12H12N2O	032363-53-4	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042126.D
Acq On : 10 Aug 2019 15:22
Operator : HP/JU
Sample : K4184-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

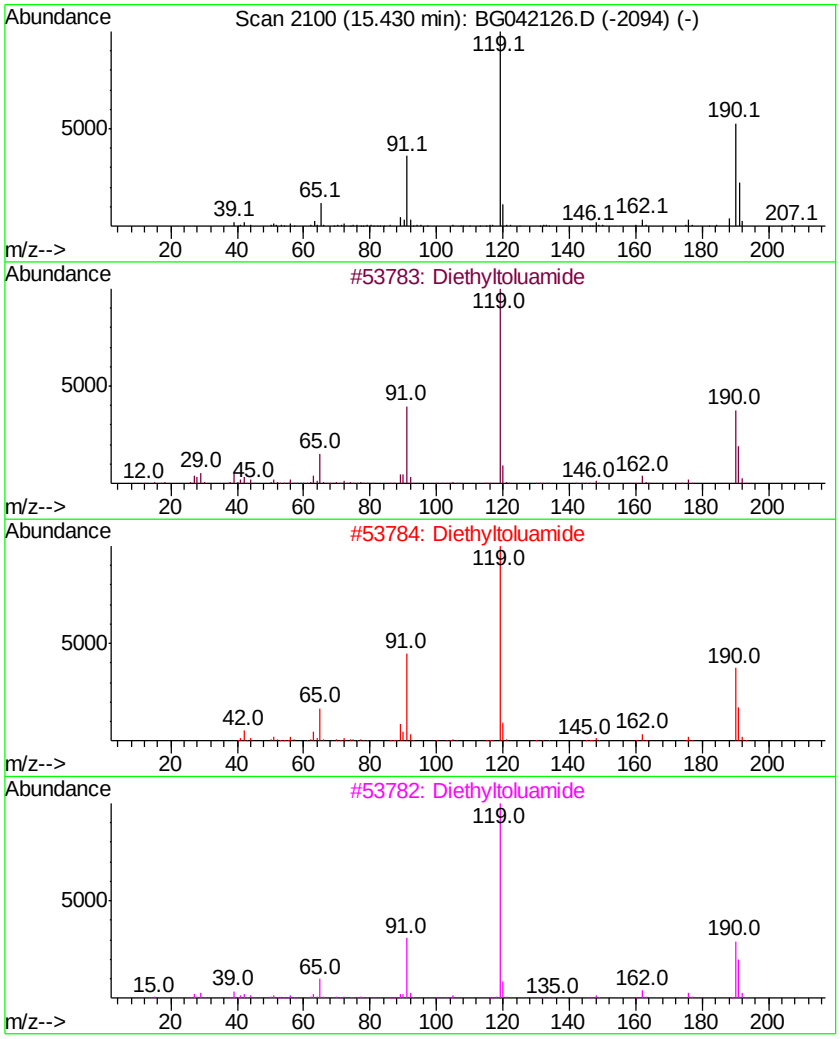
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

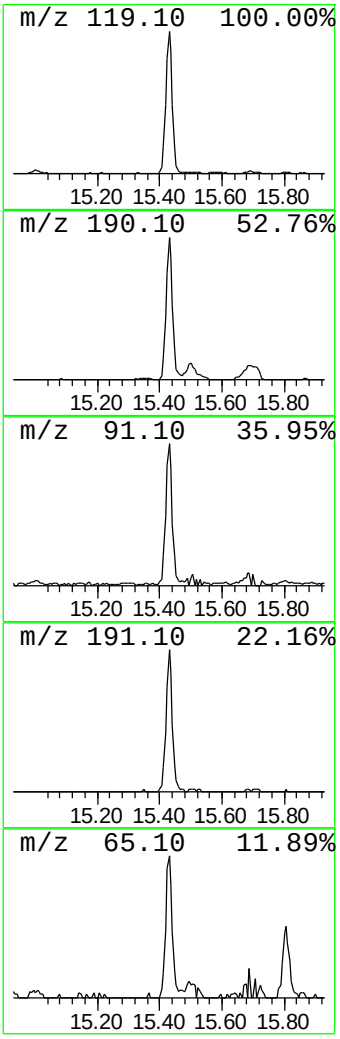
****

Peak Number 5 Diethyltoluamide Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	3.58 ng/ul	228251	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Diethyltoluamide	191	C12H17NO	000134-62-3	95
3	Diethyltoluamide	191	C12H17NO	000134-62-3	94
4	Diethyltoluamide	191	C12H17NO	000134-62-3	93
5	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87





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Acq On : 10 Aug 2019 15:22
Operator : HP/JU
Sample : K4184-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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Quant Title : SVOA CALIBRATION

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

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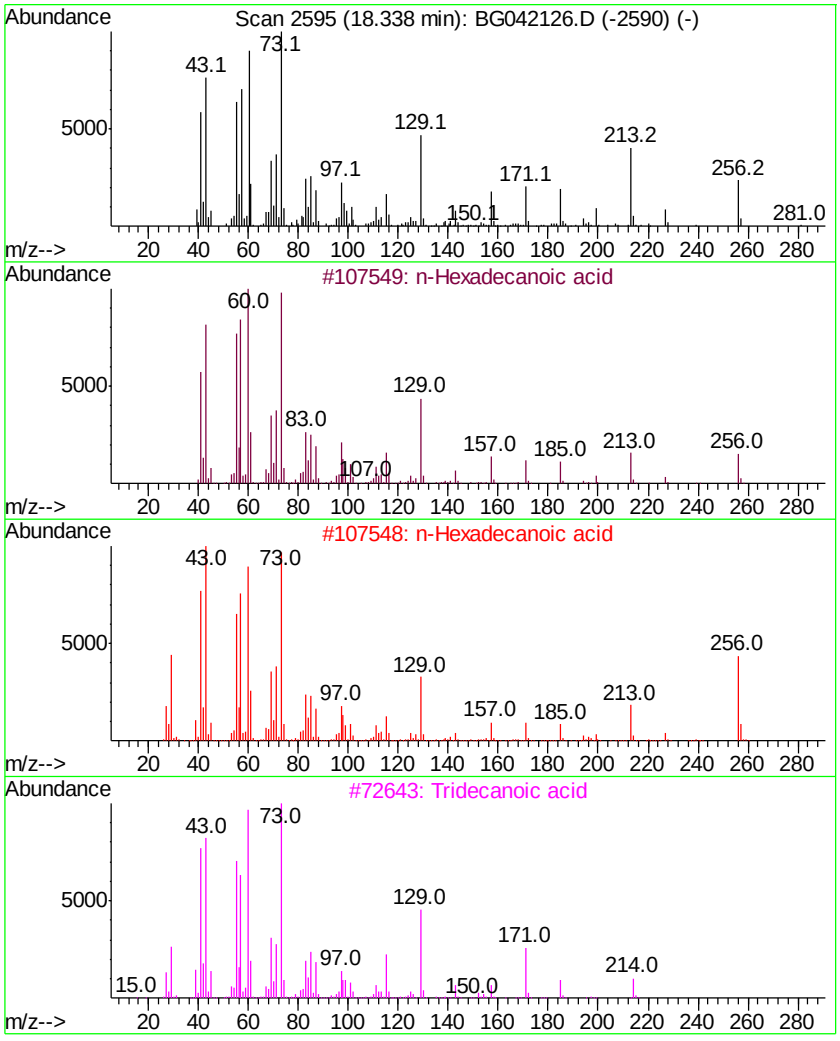
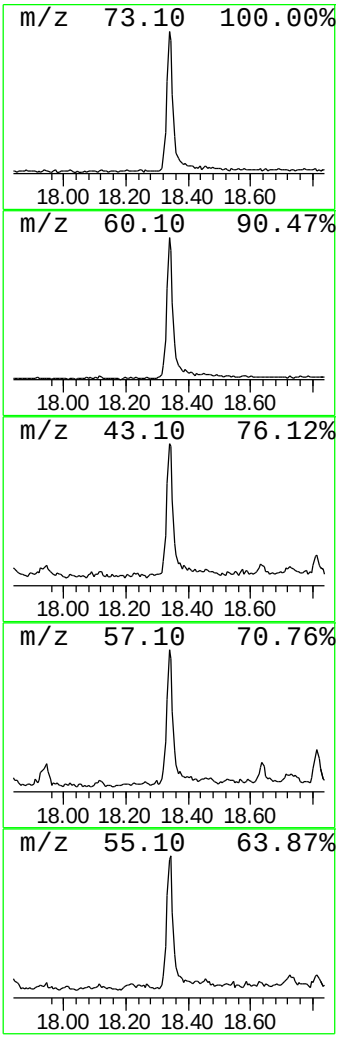
Peak Number 7 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	5.69 ng/ul	410800	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





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Instrument : BNA_G
ClientSampleId : C0AA7

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Quant Title : SVOA CALIBRATION

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

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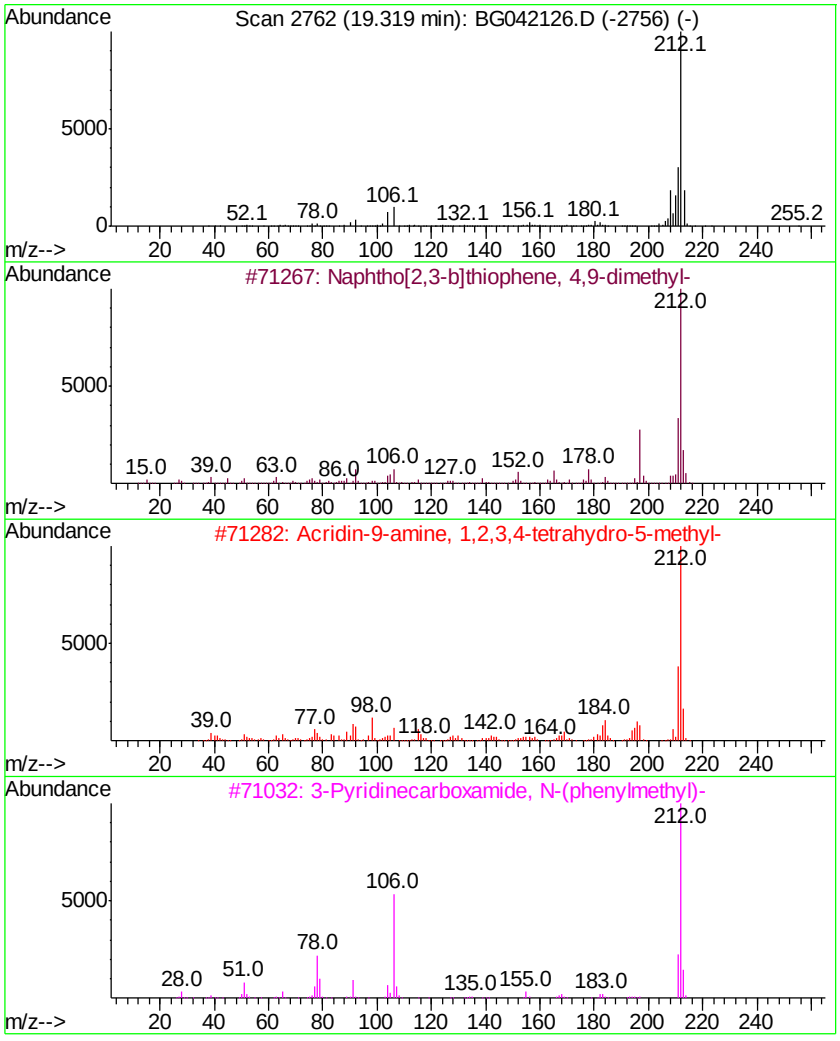
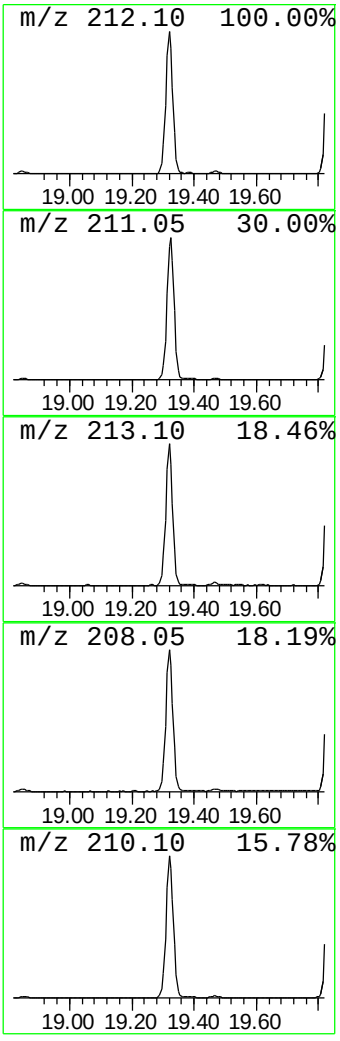
Peak Number 8 Naphtho[2,3-b]thiophene, 4,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	28.89 ng/ul	2086310	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	72
2	Acridin-9-amine, 1,2,3,4-tetrahy...	212	C14H16N2	005778-78-9	72
3	3-Pyridinecarboxamide, N-(phenyl...	212	C13H12N2O	002503-55-1	64
4	1,3-Diamino-5,6-dihydrobenzo[fg...	212	C12H12N4	016061-72-6	64
5	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	58





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Instrument : BNA_G
ClientSampleId : C0AA7

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Quant Title : SVOA CALIBRATION

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

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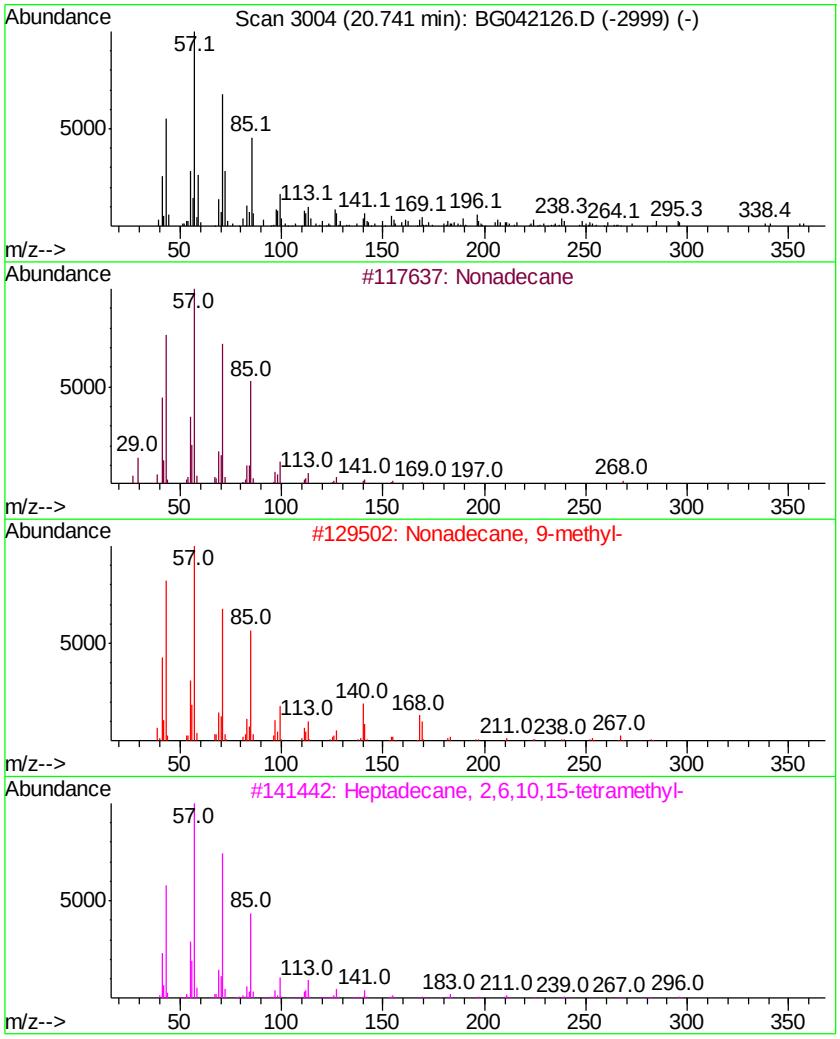
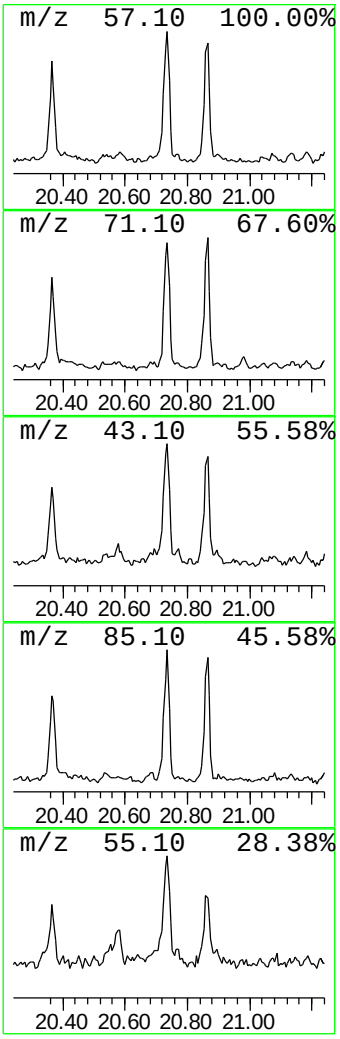
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	2.23 ng/ul	174316	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
4	Tridecane	184	C13H28	000629-50-5	86
5	Hexacosane	366	C26H54	000630-01-3	81





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Operator : HP/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : C0AA7

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Quant Title : SVOA CALIBRATION

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

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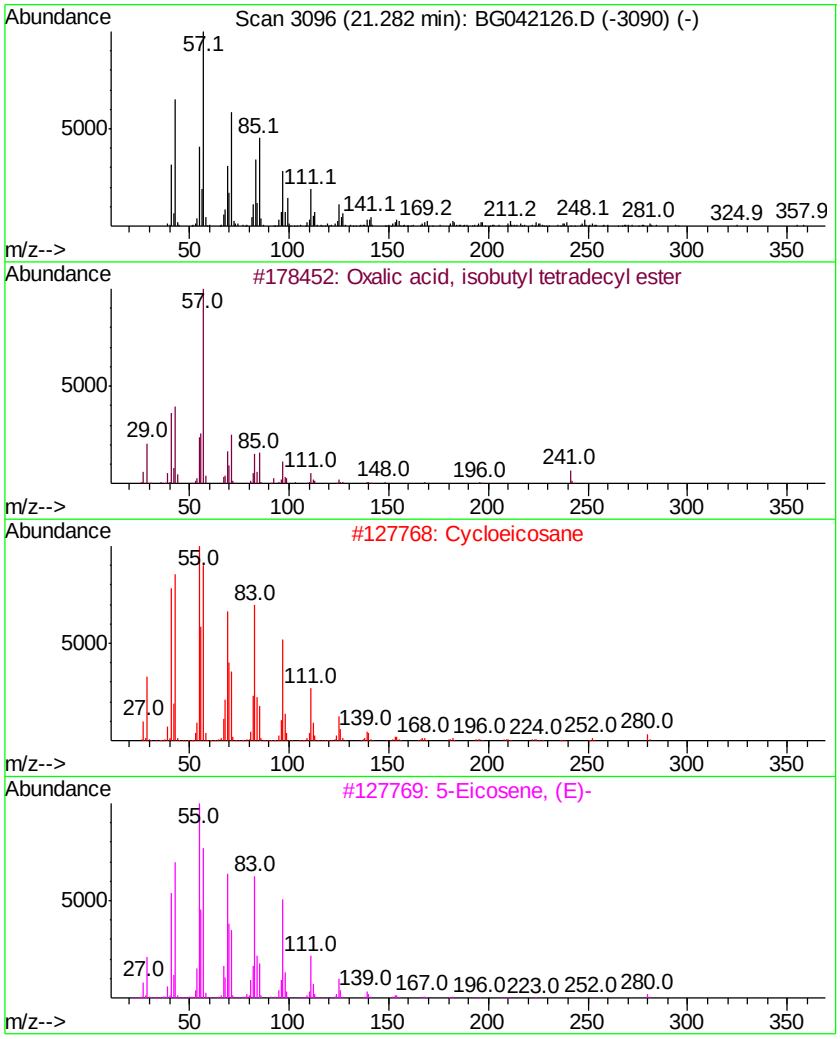
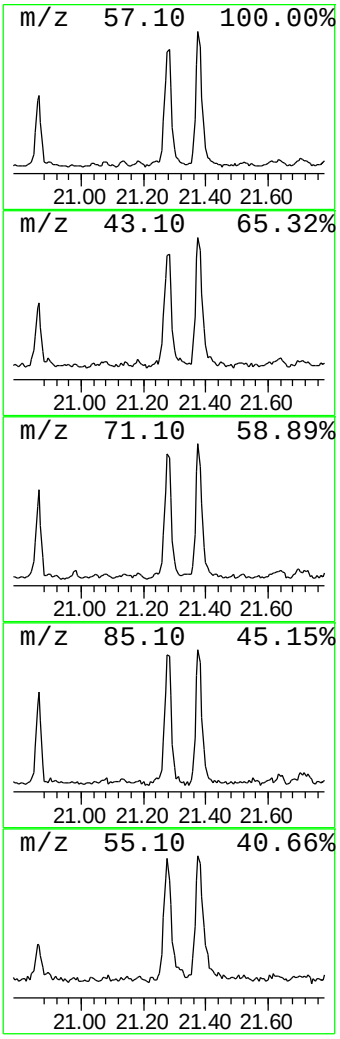
Peak Number 10 Oxalic acid, isobutyl tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	5.02 ng/ul	391831	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2	Cycloeicosane	280	C20H40	000296-56-0	89
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	89
4	1-Heptadecene	238	C17H34	006765-39-5	89
5	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	87





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Instrument : BNA_G
ClientSampleId : C0AA7

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Quant Title : SVOA CALIBRATION

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

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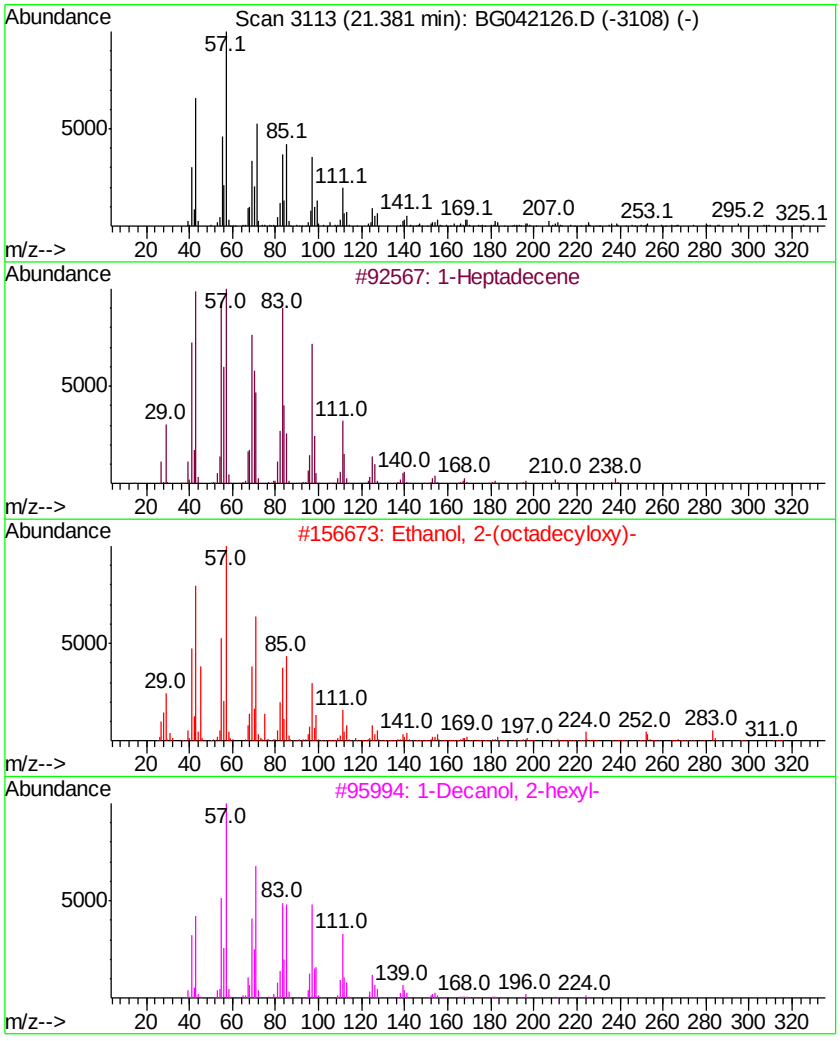
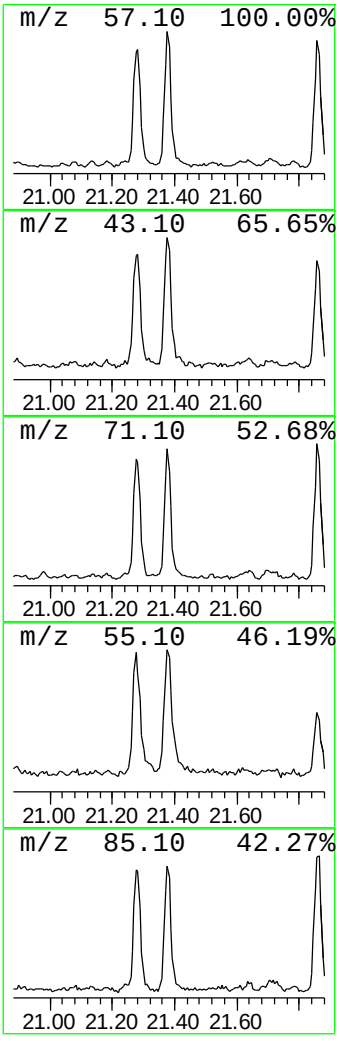
Peak Number 11 (DEL) Alkane: Cyclic21.38 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	4.94 ng/ul	385651	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	95
2	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	90
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
4	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	87
5	Dodecane	170	C12H26	000112-40-3	83





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

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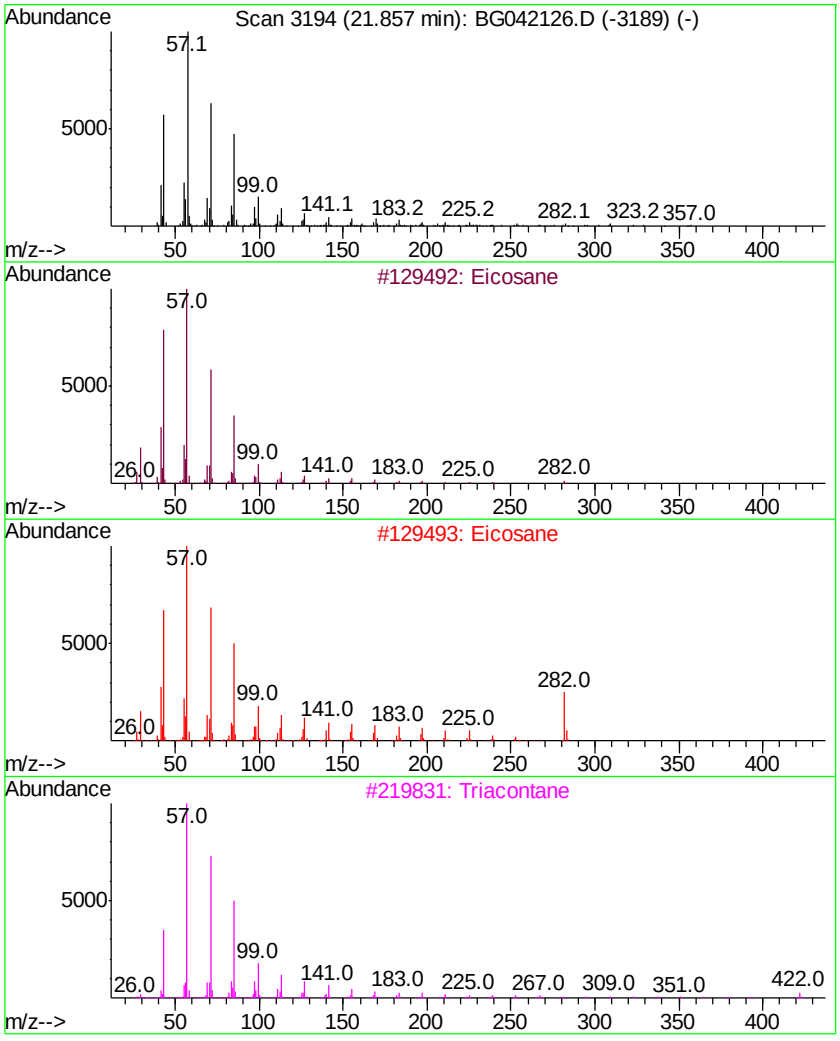
Quant Title : SVOA CALIBRATION

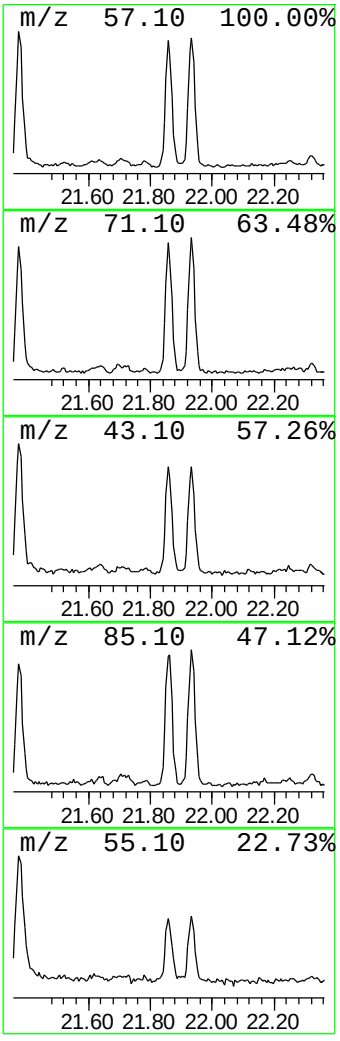
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	3.27 ng/ul	255756	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	95
3	Triacontane	422	C30H62	000638-68-6	90
4	Docosane	310	C22H46	000629-97-0	90
5	Octacosane	394	C28H58	000630-02-4	90





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AA7

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Quant Title : SVOA CALIBRATION

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

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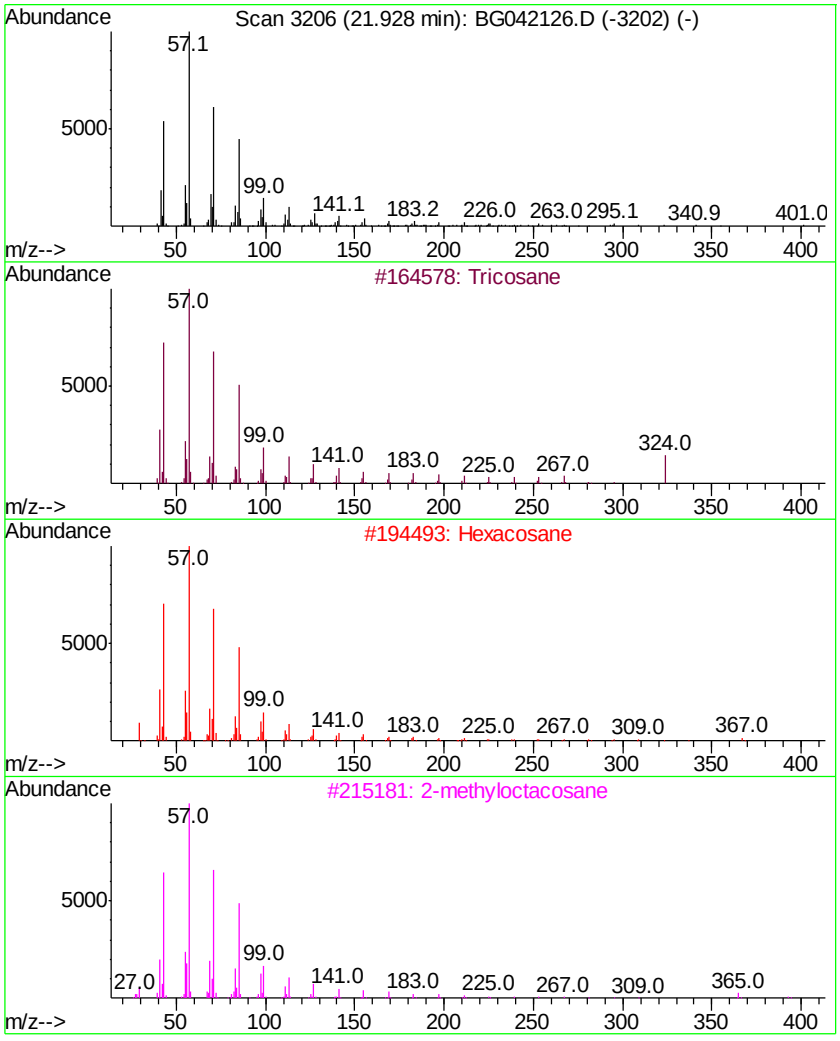
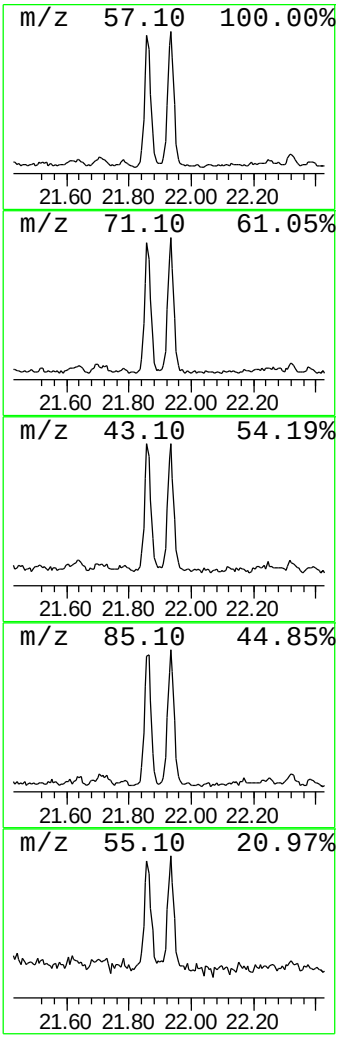
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	3.18 ng/ul	248466	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	98
2	Hexacosane	366	C26H54	000630-01-3	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Docosane	310	C22H46	000629-97-0	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Quant Title : SVOA CALIBRATION

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

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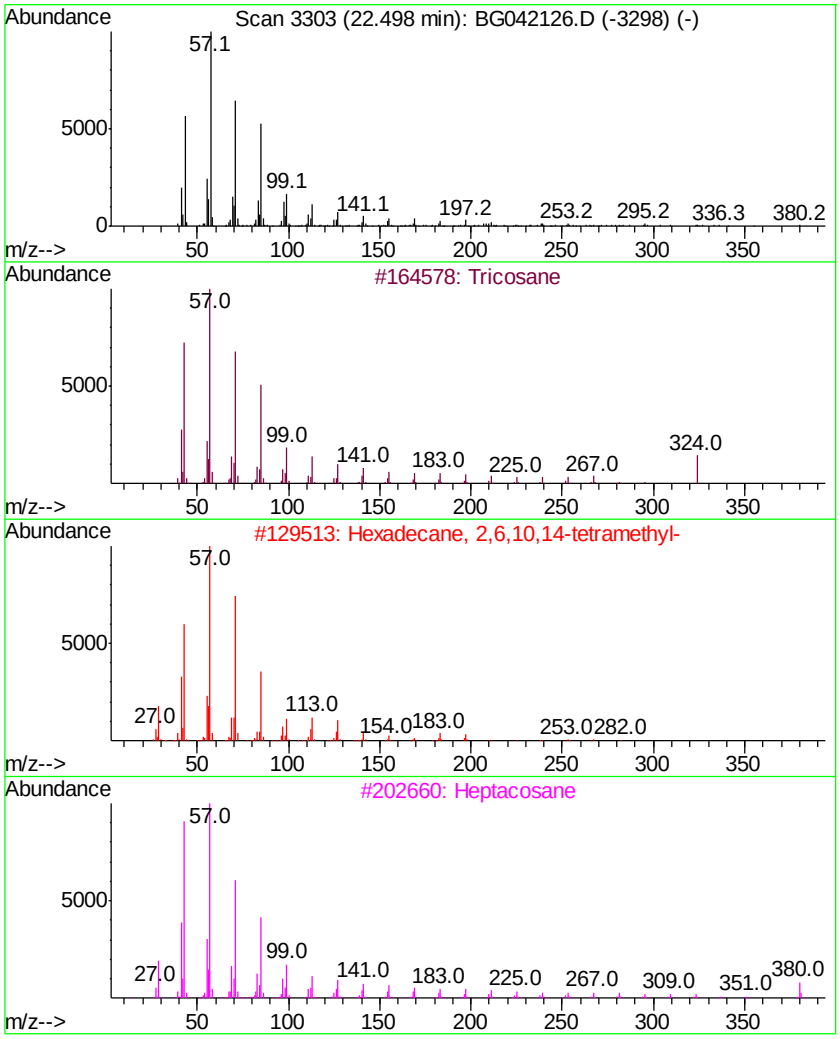
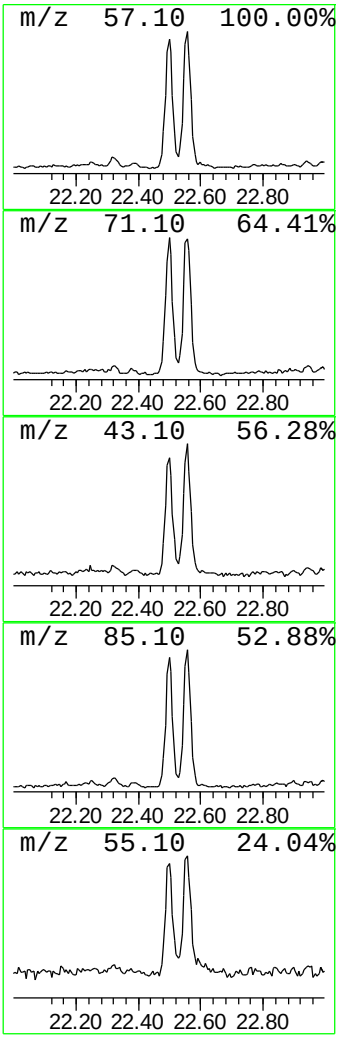
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	4.14 ng/ul	323356	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	97
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
3	Heptacosane	380	C27H56	000593-49-7	94
4	Pentadecane	212	C15H32	000629-62-9	91
5	Tetracosane	338	C24H50	000646-31-1	90





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ClientSampleId : C0AA7

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Quant Title : SVOA CALIBRATION

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

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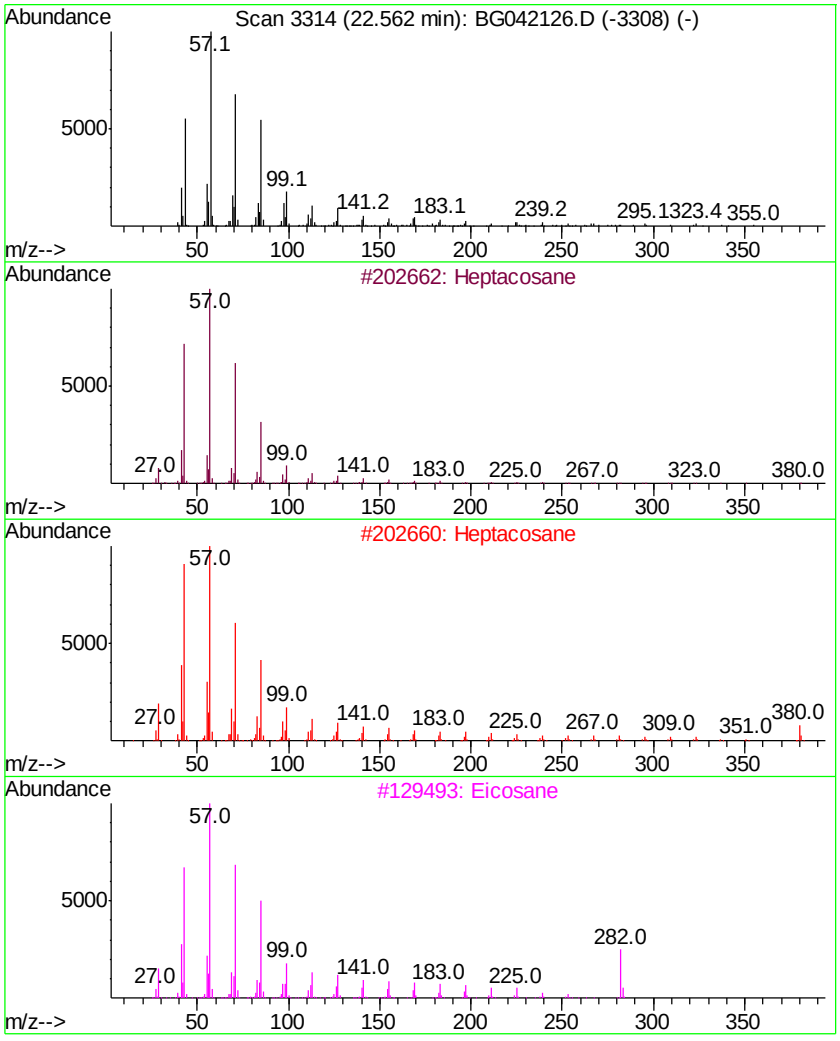
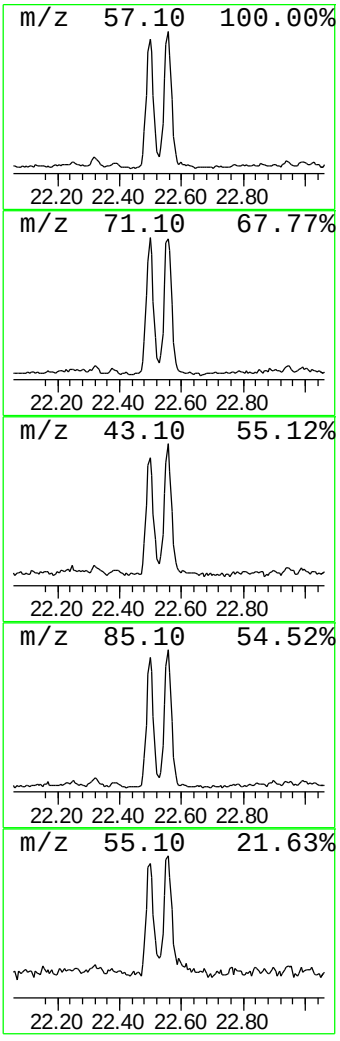
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	4.17 ng/ul	326028	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Heptacosane	380	C27H56	000593-49-7	94
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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Instrument : BNA_G
ClientSampleId : C0AA7

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Quant Title : SVOA CALIBRATION

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

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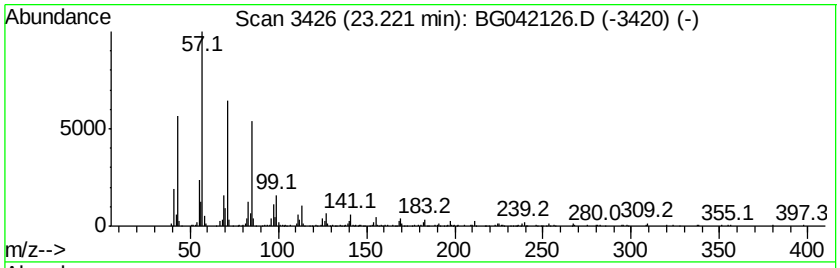
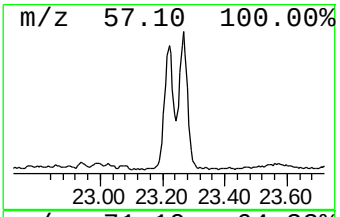
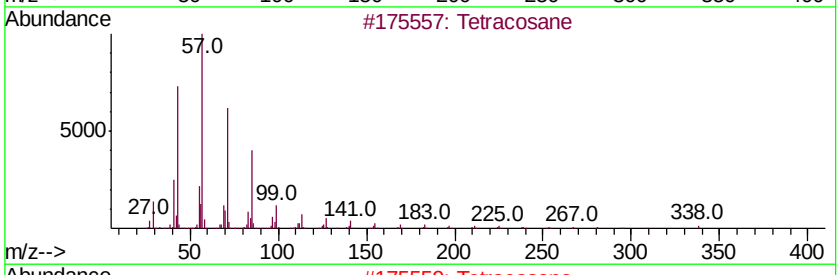
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

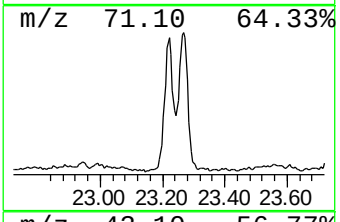
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	5.86 ng/ul	458006	Chrysene-d12	21.73

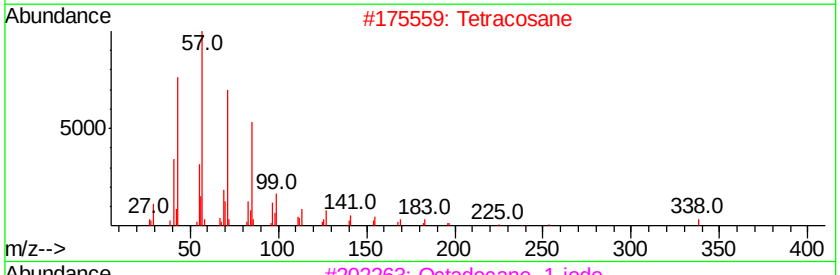
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Tetracosane	338	C24H50	000646-31-1	93
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Hexacosane	366	C26H54	000630-01-3	90

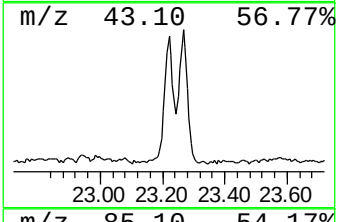


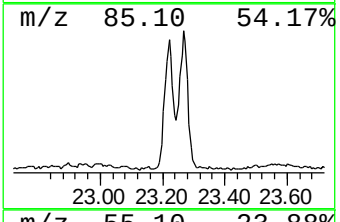


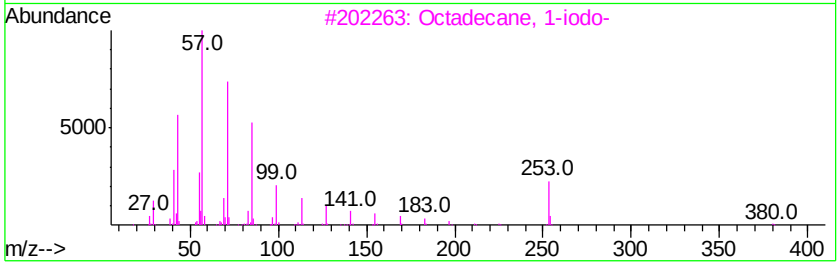


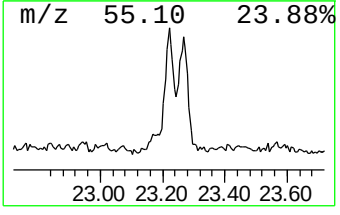












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Sample : K4184-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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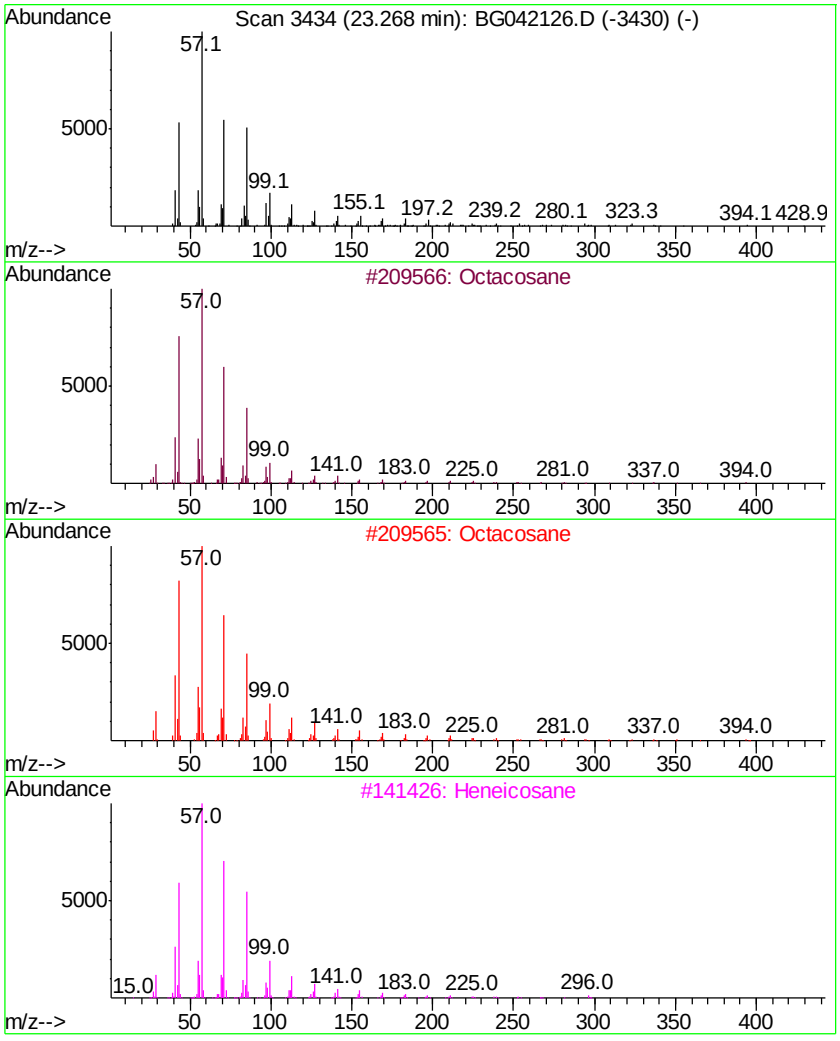
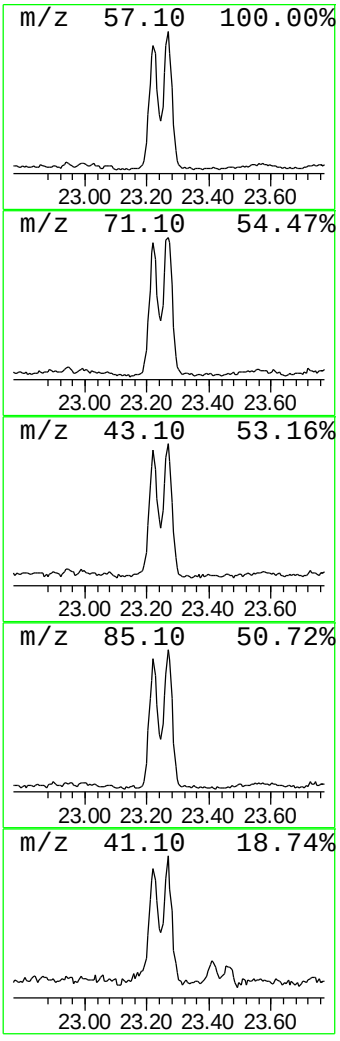
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	5.84 ng/ul	455806	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Octacosane	394	C28H58	000630-02-4	97
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane	282	C20H42	000112-95-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042126.D
Acq On : 10 Aug 2019 15:22
Operator : HP/JU
Sample : K4184-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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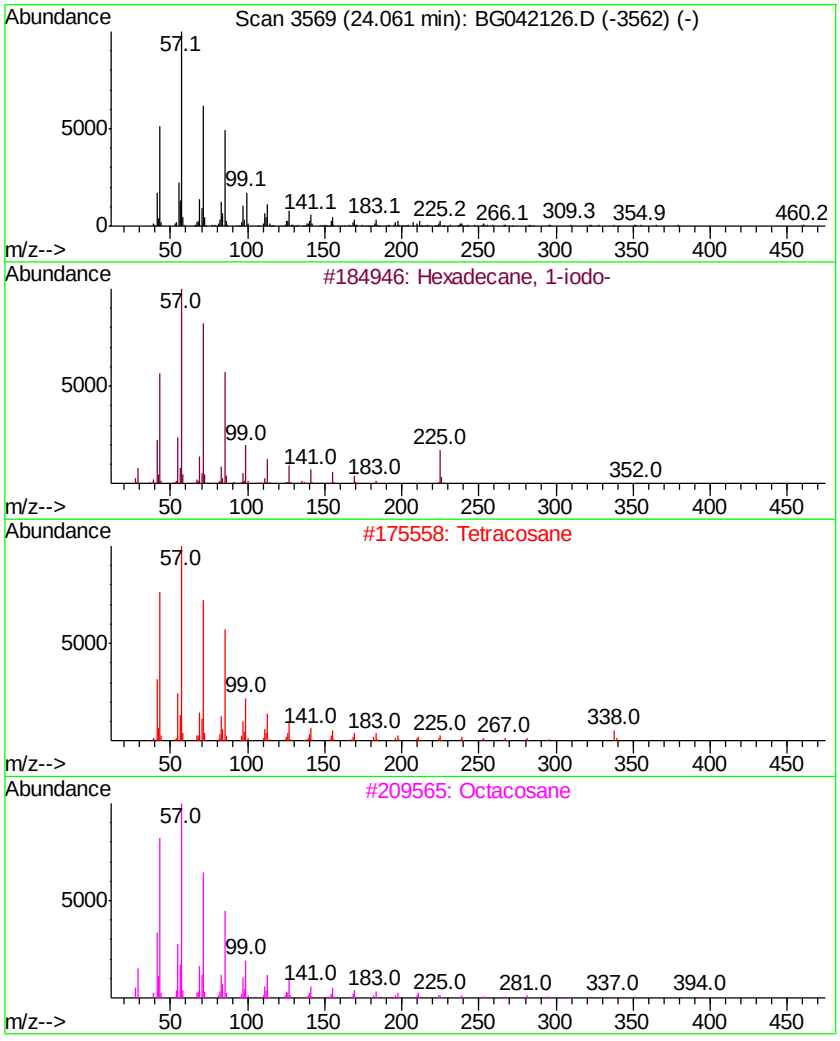
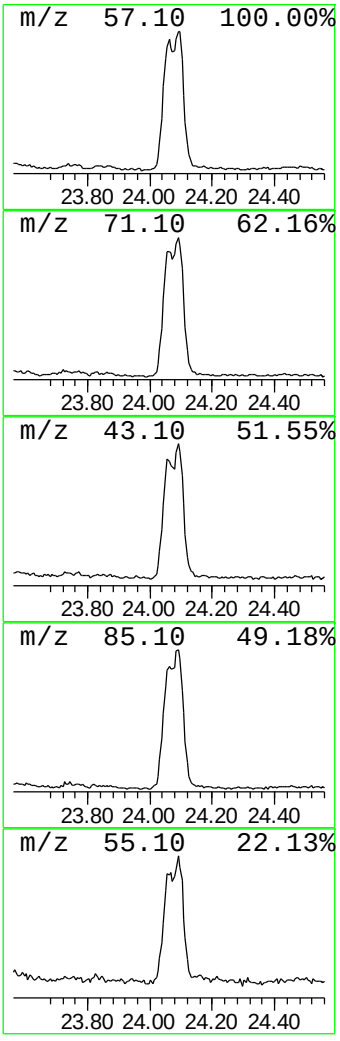
Peak Number 19 Hexadecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	3.42 ng/ul	465716	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Nonacosane	408	C29H60	000630-03-5	91
5	Triacontane	422	C30H62	000638-68-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042126.D
Acq On : 10 Aug 2019 15:22
Operator : HP/JU
Sample : K4184-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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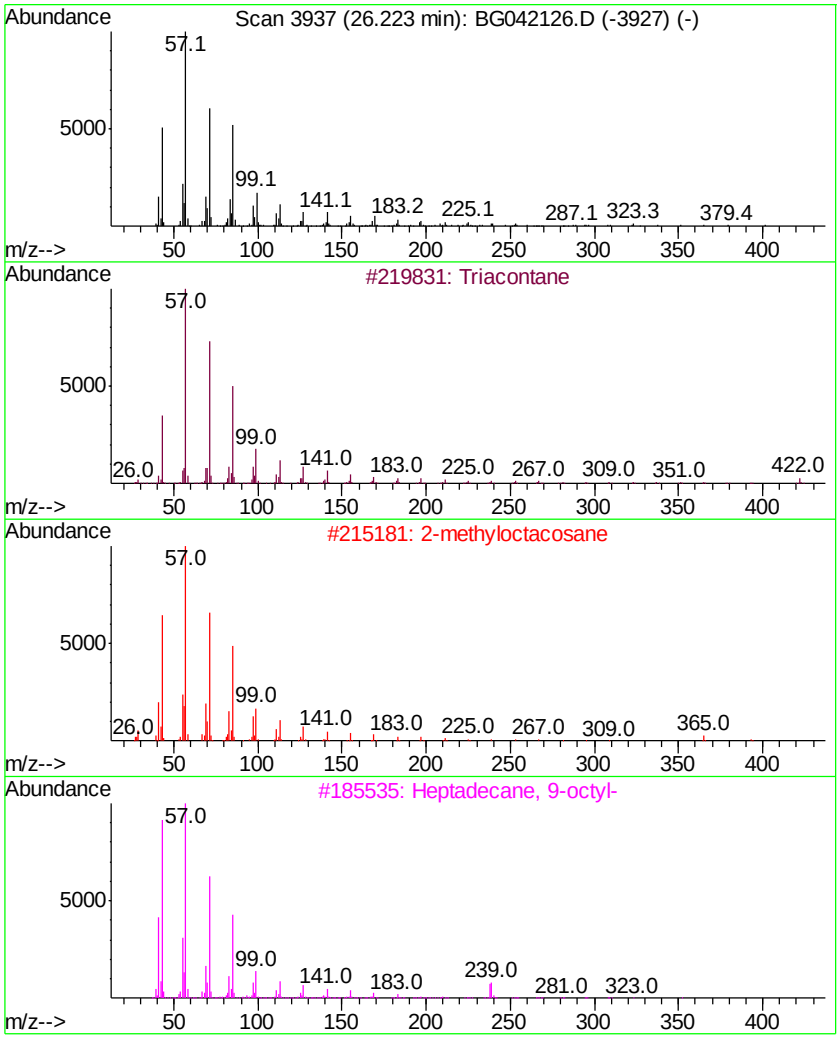
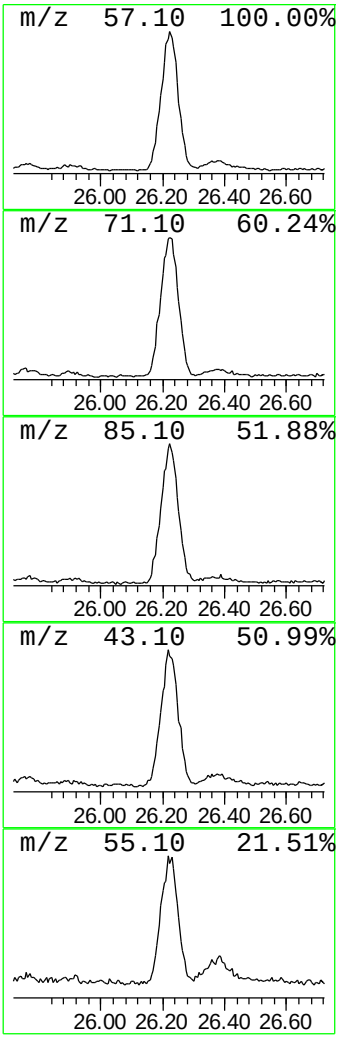
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.22	6.14 ng/ul	836364	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042126.D
Acq On : 10 Aug 2019 15:22
Operator : HP/JU
Sample : K4184-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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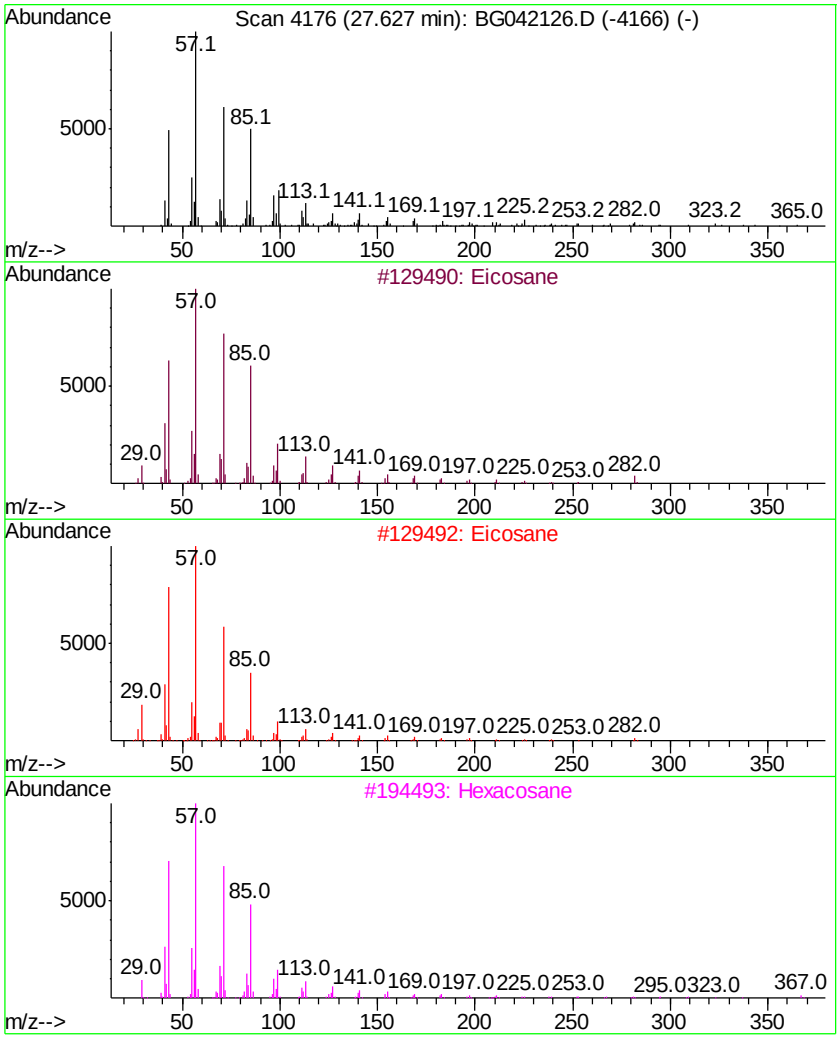
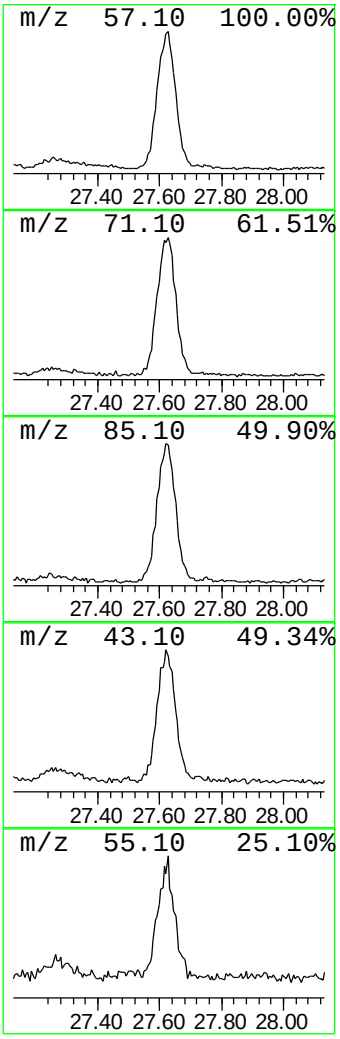
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.63	3.59 ng/ul	488332	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane	282	C20H42	000112-95-8	96
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081019\
Data File : BG042126.D
Acq On : 10 Aug 2019 15:22
Operator : HP/JU
Sample : K4184-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
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
Butane, 2-methoxy...	3.15	28.2	ng/ul	834586	1	8.04	591635	20.0
Benzene, 1-bromo-...	6.69	5.3	ng/ul	156762	1	8.04	591635	20.0
unknown-01	6.90	5.7	ng/ul	168135	1	8.04	591635	20.0
unknown-02	9.45	2.4	ng/ul	71393	1	8.04	591635	20.0
Diethyltoluamide	15.43	3.6	ng/ul	228251	3	14.70	1275810	20.0
n-Hexadecanoic acid	18.34	5.7	ng/ul	410800	4	17.44	1444170	20.0
Naphtho[2,3-b]thi...	19.32	28.9	ng/ul	2086310	4	17.44	1444170	20.0
(DEL) Alkane: Str...	20.74	2.2	ng/ul	174316	5	21.73	1562310	20.0
Oxalic acid, isob...	21.28	5.0	ng/ul	391831	5	21.73	1562310	20.0
(DEL) Alkane: Cyc...	21.38	4.9	ng/ul	385651	5	21.73	1562310	20.0
(DEL) Alkane: Str...	21.86	3.3	ng/ul	255756	5	21.73	1562310	20.0
(DEL) Alkane: Str...	21.93	3.2	ng/ul	248466	5	21.73	1562310	20.0
(DEL) Alkane: Str...	22.50	4.1	ng/ul	323356	5	21.73	1562310	20.0
(DEL) Alkane: Str...	22.56	4.2	ng/ul	326028	5	21.73	1562310	20.0
(DEL) Alkane: Str...	23.22	5.9	ng/ul	458006	5	21.73	1562310	20.0
(DEL) Alkane: Str...	23.27	5.8	ng/ul	455806	5	21.73	1562310	20.0
Hexadecane, 1-iodo-	24.06	3.4	ng/ul	465716	6	25.01	2724160	20.0
(DEL) Alkane: Str...	26.22	6.1	ng/ul	836364	6	25.01	2724160	20.0
(DEL) Alkane: Str...	27.63	3.6	ng/ul	488332	6	25.01	2724160	20.0