LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009634.D
Acq On : 07 Feb 2020 06:35
Operator : CG/JU
Sample : L1324-13 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT68

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_N\METHODS\SOM-EPA-BN020320MA.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	5.481	419	424	430	rBV	69083	111915	0.87%	0.101%
2	7.434	747	756	765	rBV	913110	1406359	10.99%	1.270%
3	10.187	1213	1224	1230	rBV	1261928	2117386	16.54%	1.912%
4	11.228	1395	1401	1407	rBV2	78919	157687	1.23%	0.142%
5	11.640	1466	1471	1476	rVV	189430	295632	2.31%	0.267%
6	11.716	1476	1484	1489	rVB3	62467	174572	1.36%	0.158%
7	12.616	1632	1637	1641	rBV	121379	173414	1.35%	0.157%
8	12.910	1683	1687	1698	rVV	375555	570151	4.45%	0.515%
9	13.040	1705	1709	1719	rVV8	52188	132065	1.03%	0.119%
10	13.492	1781	1786	1788	rVV3	125748	191755	1.50%	0.173%
11	13.522	1788	1791	1796	rVV	191736	340116	2.66%	0.307%
12	13.581	1798	1801	1805	rVV	151922	224873	1.76%	0.203%
13	13.787	1826	1836	1843	rBV	1166619	1864944	14.57%	1.684%
14	14.004	1868	1873	1878	rBV	483767	621024	4.85%	0.561%
15	14.069	1878	1884	1891	rVB2	1747162	2569464	20.07%	2.320%
16	14.628	1975	1979	1984	rVB	116574	155757	1.22%	0.141%
17	14.692	1984	1990	1995	rBV3	105740	211280	1.65%	0.191%
18	14.963	2029	2036	2041	rBV2	482776	754295	5.89%	0.681%
19	15.075	2051	2055	2060	rVB	209839	294464	2.30%	0.266%
20	15.151	2063	2068	2071	rBV	87636	122721	0.96%	0.111%
21	15.257	2079	2086	2092	rVB5	82440	161255	1.26%	0.146%
22	15.334	2095	2099	2101	rVV	73761	114500	0.89%	0.103%
23	15.375	2101	2106	2111	rVB	189156	327033	2.55%	0.295%
24	15.469	2119	2122	2127	rVB2	74173	110192	0.86%	0.099%
25	15.586	2137	2142	2148	rVB5	55664	111833	0.87%	0.101%
26	15.828	2176	2183	2186	rVV2	451481	776138	6.06%	0.701%
27	15.857	2186	2188	2196	rVB	250151	303598	2.37%	0.274%
28	16.410	2279	2282	2288	rVB3	119074	166337	1.30%	0.150%
29	16.622	2314	2318	2323	rBV	340622	419729	3.28%	0.379%
30	16.675	2323	2327	2335	rVB	163716	254568	1.99%	0.230%
31	16.828	2347	2353	2358	rBV	2121882	2747193	21.46%	2.481%
32	16.928	2365	2370	2371	rBV	138604	176776	1.38%	0.160%
33	16.957	2371	2375	2382	rVV	558434	818374	6.39%	0.739%
34	17.028	2384	2387	2394	rVB7	50410	114060	0.89%	0.103%

LSC Area Percent Report

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Sample : L1324-13 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT68

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_N\METHODS\SOM-EPA-BN020320MA.M
Title : SVOA CALIBRATION

35	17.280	2426	2430	2433	rBV3	74440	112793	0.88%	0.102%
36	17.357	2438	2443	2449	rVB2	388821	556891	4.35%	0.503%
37	17.516	2465	2470	2476	rBV3	339746	539504	4.21%	0.487%
38	17.639	2486	2491	2496	rBV3	83342	175713	1.37%	0.159%
39	17.751	2507	2510	2517	rVB	119295	176389	1.38%	0.159%
40	17.833	2519	2524	2528	rVV	185110	254052	1.98%	0.229%
41	17.898	2529	2535	2550	rVB2	824937	1602400	12.52%	1.447%
42	18.022	2553	2556	2559	rBV2	76176	112109	0.88%	0.101%
43	18.057	2559	2562	2566	rVB	232432	260048	2.03%	0.235%
44	18.186	2578	2584	2585	rBV4	68803	136704	1.07%	0.123%
45	18.210	2585	2588	2592	rVV3	148362	225985	1.77%	0.204%
46	18.257	2592	2596	2601	rVB3	199973	312465	2.44%	0.282%
47	18.433	2622	2626	2628	rBV3	128302	170573	1.33%	0.154%
48	18.557	2643	2647	2651	rVB	153465	215252	1.68%	0.194%
49	18.633	2655	2660	2667	rBV3	433679	1001565	7.82%	0.904%
50	18.698	2667	2671	2674	rVV2	567501	778475	6.08%	0.703%
51	18.727	2674	2676	2680	rVB	157814	170122	1.33%	0.154%
52	18.780	2680	2685	2692	rBV	1774641	2767202	21.62%	2.499%
53	18.898	2698	2705	2713	rVB	3700727	5067683	39.59%	4.576%
54	18.974	2713	2718	2721	rBV	207795	303550	2.37%	0.274%
55	19.051	2727	2731	2736	rVB	709787	903108	7.06%	0.815%
56	19.110	2737	2741	2744	rBV2	180145	256477	2.00%	0.232%
57	19.139	2744	2746	2748	rBV	108672	116692	0.91%	0.105%
58	19.169	2748	2751	2758	rVB	416456	604716	4.72%	0.546%
59	19.269	2758	2768	2776	rBV	9498164	12800803	100.00%	11.558%
60	19.351	2777	2782	2788	rVB2	277982	461214	3.60%	0.416%
61	19.404	2788	2791	2794	rBV3	82408	118540	0.93%	0.107%
62	19.445	2795	2798	2801	rBV2	119453	136916	1.07%	0.124%
63	19.504	2804	2808	2815	rVB3	302546	502585	3.93%	0.454%
64	19.598	2819	2824	2835	rBV3	813109	1783198	13.93%	1.610%
65	19.686	2835	2839	2842	rBV4	251903	334679	2.61%	0.302%
66	19.745	2842	2849	2850	rBV4	817689	1540832	12.04%	1.391%
67	19.827	2860	2863	2866	rBV4	160982	221233	1.73%	0.200%
68	19.869	2867	2870	2874	rVB2	342441	400090	3.13%	0.361%
69	19.927	2875	2880	2884	rVV	1370119	1676199	13.09%	1.514%
70	20.063	2899	2903	2908	rBV	1061665	1378191	10.77%	1.244%
71	20.110	2908	2911	2916	rVB	1259309	1572326	12.28%	1.420%

LSC Area Percent Report

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Sample : L1324-13 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT68

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Title : SVOA CALIBRATION

72	20.245	2931	2934	2938	rVB2	164151	211954	1.66%	0.191%
73	20.327	2944	2948	2951	rBV4	234499	343743	2.69%	0.310%
74	20.521	2978	2981	2989	rVB	511754	739771	5.78%	0.668%
75	20.686	3005	3009	3012	rBV3	469589	586017	4.58%	0.529%
76	20.727	3012	3016	3019	rBV	672585	803439	6.28%	0.725%
77	20.763	3019	3022	3030	rVB	786426	1180870	9.22%	1.066%
78	21.039	3062	3069	3073	rBV3	4227277	8595876	67.15%	7.762%
79	21.080	3073	3076	3083	rVV	3046015	4167664	32.56%	3.763%
80	21.163	3087	3090	3093	rBV2	209254	238983	1.87%	0.216%
81	21.251	3101	3105	3119	rVB	1505758	2526105	19.73%	2.281%
82	21.404	3128	3131	3135	rVB3	327110	435331	3.40%	0.393%
83	21.527	3149	3152	3155	rBV	287880	366348	2.86%	0.331%
84	21.580	3155	3161	3166	rVV	1004357	1611947	12.59%	1.455%
85	21.633	3166	3170	3176	rVB	557172	839989	6.56%	0.758%
86	21.698	3176	3181	3183	rBV2	339984	584063	4.56%	0.527%
87	21.768	3189	3193	3195	rBV2	479548	643314	5.03%	0.581%
88	21.798	3195	3198	3202	rVB	571182	704367	5.50%	0.636%
89	21.863	3207	3209	3215	rVB2	319686	411281	3.21%	0.371%
90	22.204	3263	3267	3272	rVB2	450554	658133	5.14%	0.594%
91	22.545	3319	3325	3335	rBV	2490297	6527281	50.99%	5.894%
92	22.698	3346	3351	3361	rBV	836009	1423474	11.12%	1.285%
93	22.980	3393	3399	3405	rBV	1683920	2918077	22.80%	2.635%
94	23.074	3409	3415	3421	rVV	3163570	5159980	40.31%	4.659%
95	23.163	3424	3430	3434	rVV	1674131	2963325	23.15%	2.676%
96	23.204	3434	3437	3445	rVB2	489206	1008175	7.88%	0.910%
97	23.674	3512	3517	3523	rVB4	272616	580451	4.53%	0.524%
98	23.962	3562	3566	3577	rVB2	345251	753657	5.89%	0.681%
99	25.227	3774	3781	3790	rVB	1051519	2736920	21.38%	2.471%
100	25.856	3879	3888	3897	rVB	829889	2190437	17.11%	1.978%

Sum of corrected areas: 110749706

LSC Report - Integrated Chromatogram

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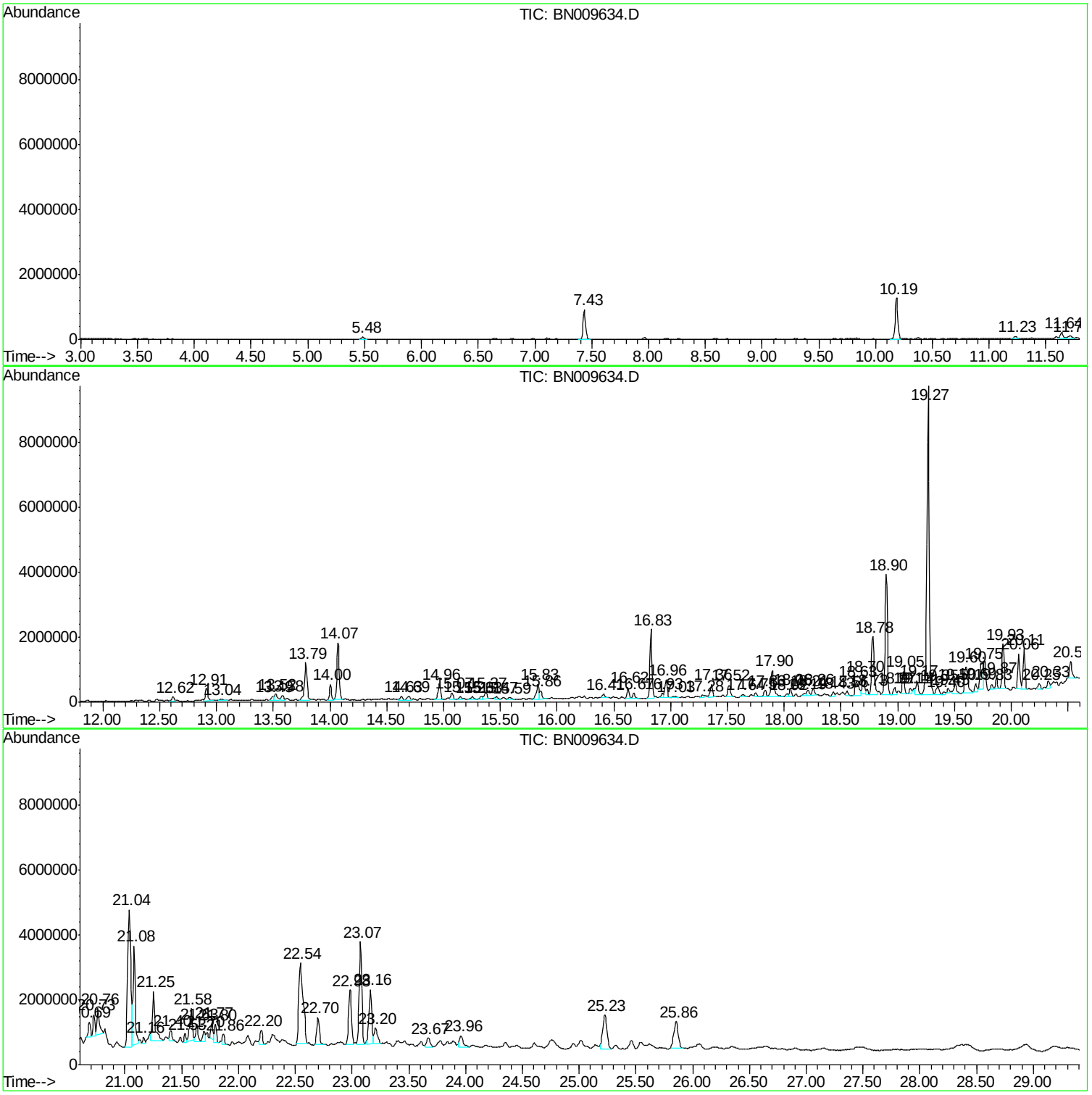
Acq On : 07 Feb 2020 06:35
Operator : CG/JU
Sample : L1324-13 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT68

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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



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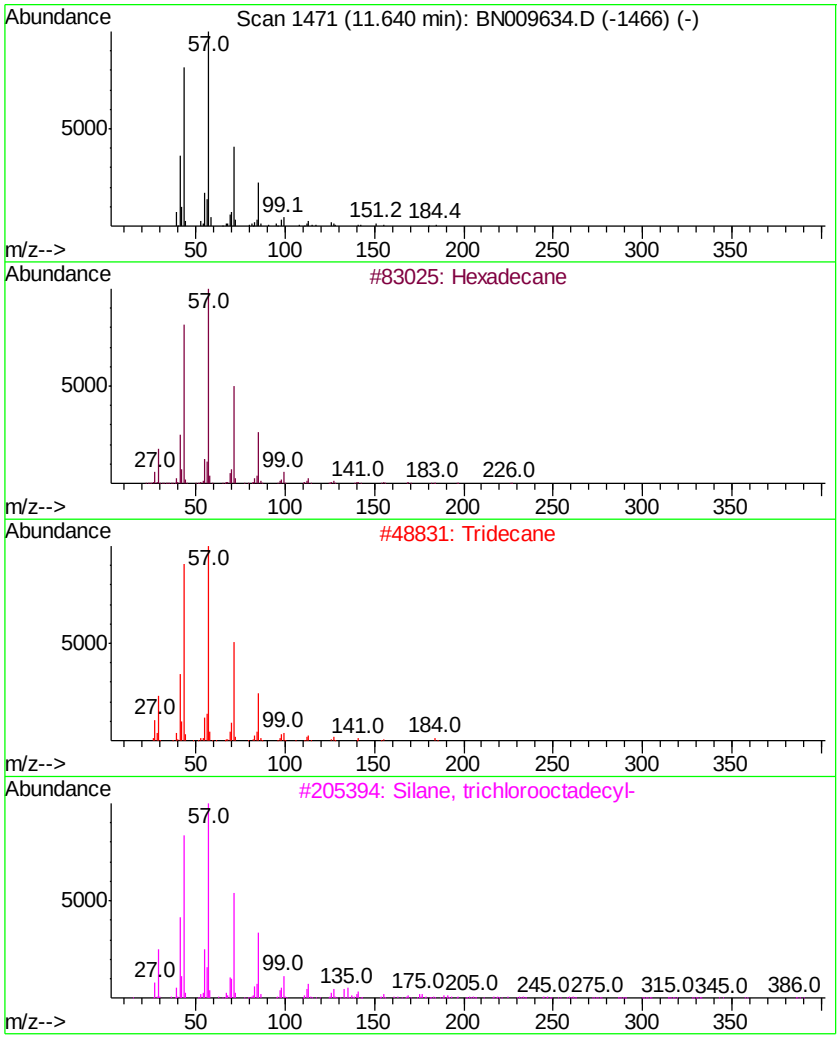
Quant Title : SVOA CALIBRATION

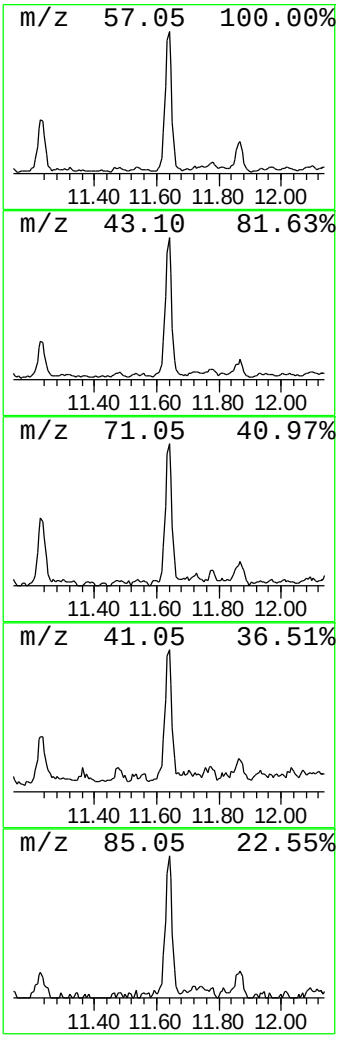
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	2.79 ng/ul	295632	Naphthalene-d8	10.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	87
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Tridecane	184	C13H28	000629-50-5	78





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

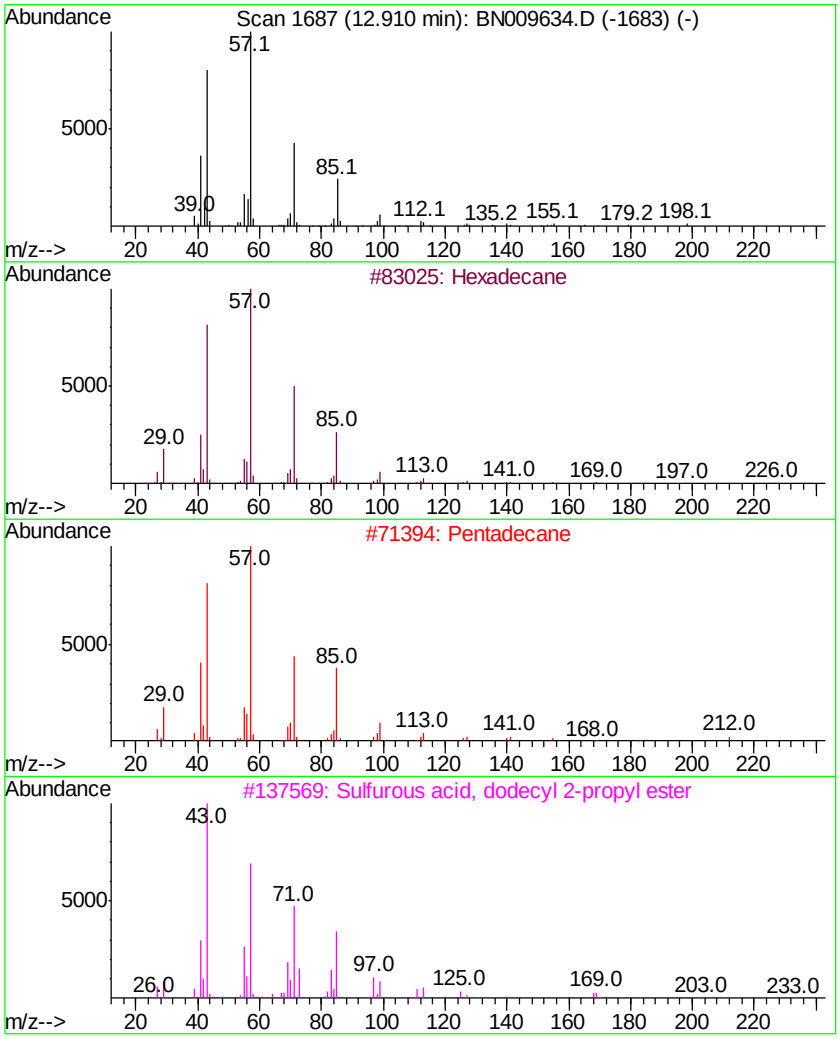
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

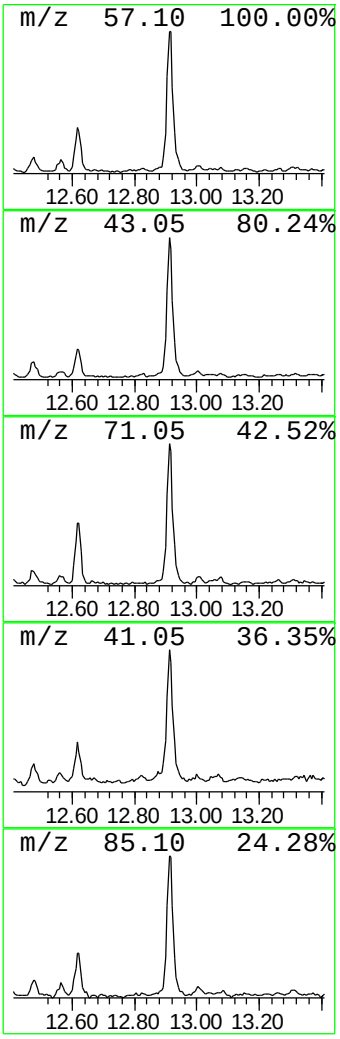
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	4.44 ng/ul	570151	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	80
3	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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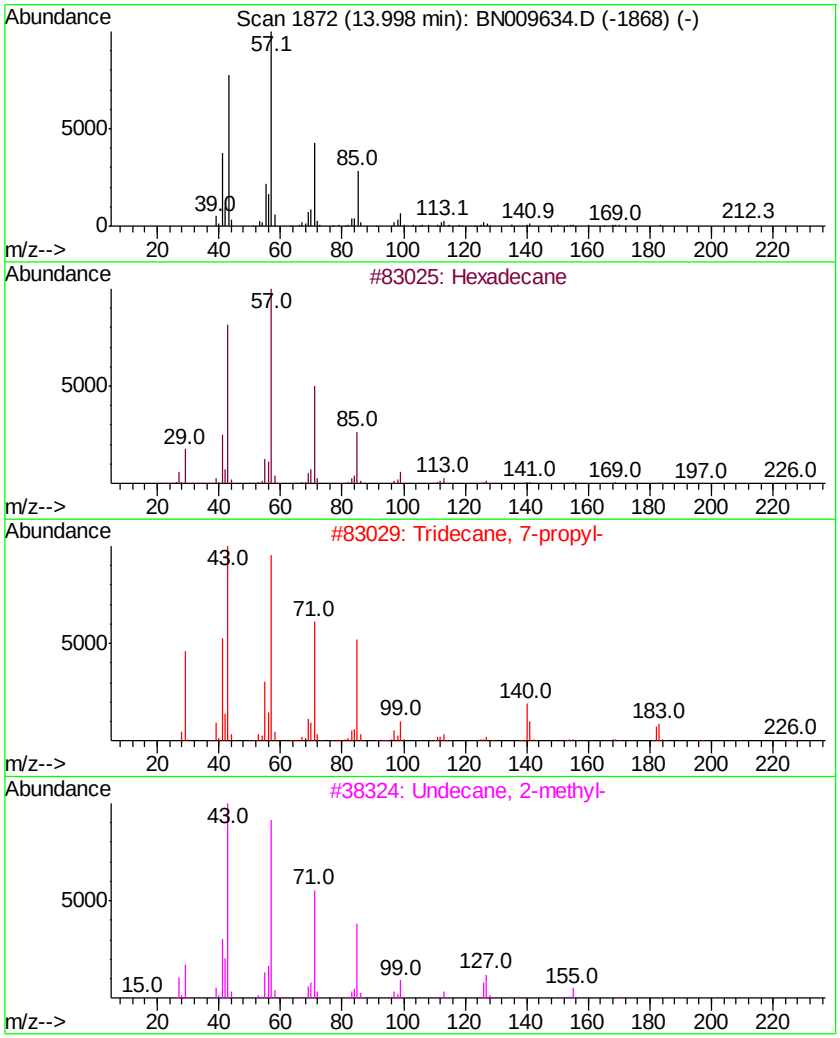
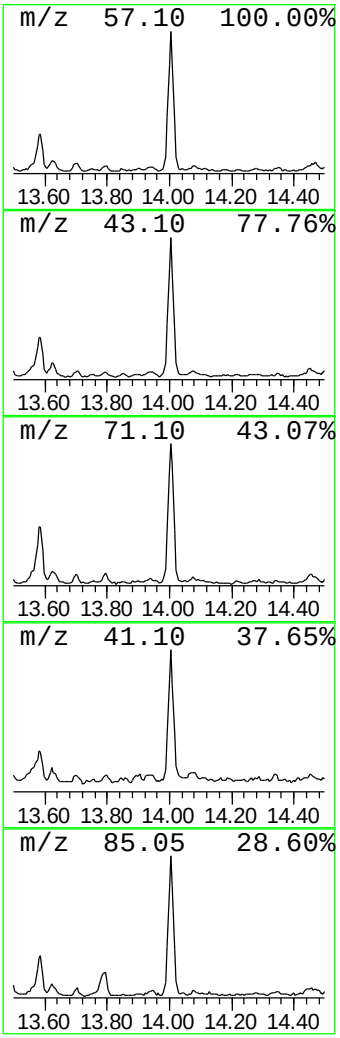
****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	4.83 ng/ul	621024	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Pentadecane	212	C15H32	000629-62-9	80





Library Search Compound Report

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Data File : BN009634.D
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Operator : CG/JU
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Misc :
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Instrument : BNA_N
ClientSampleId : GAT68

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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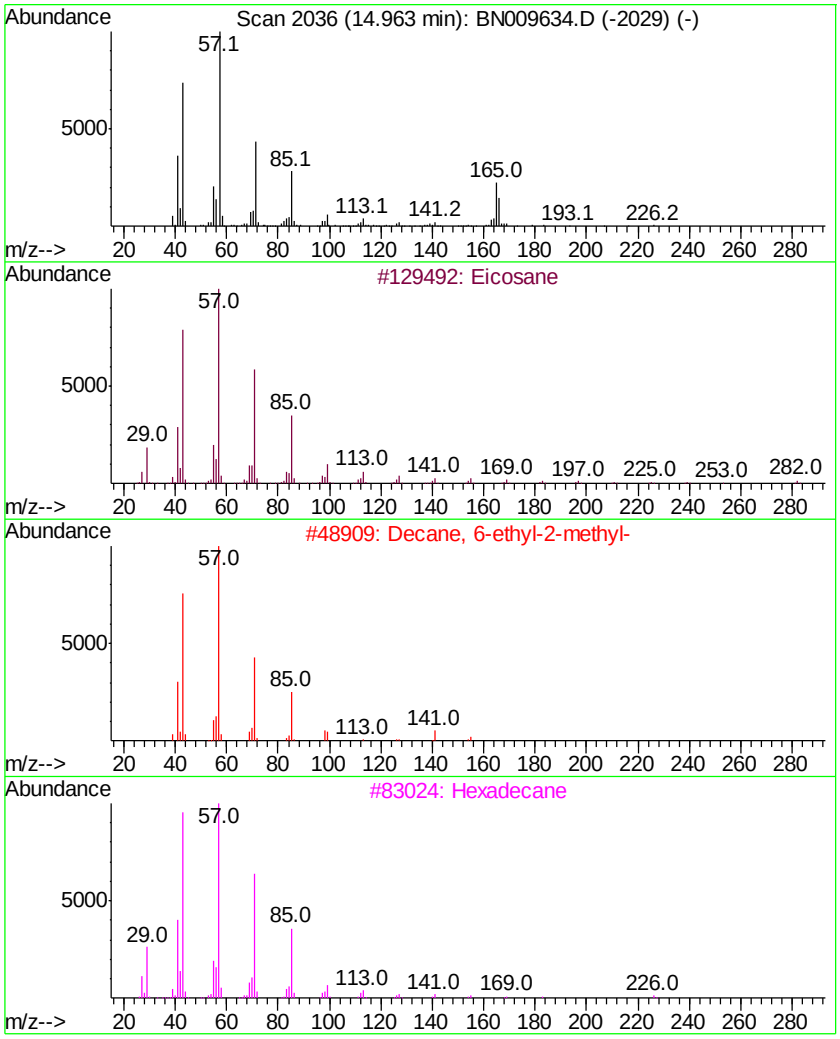
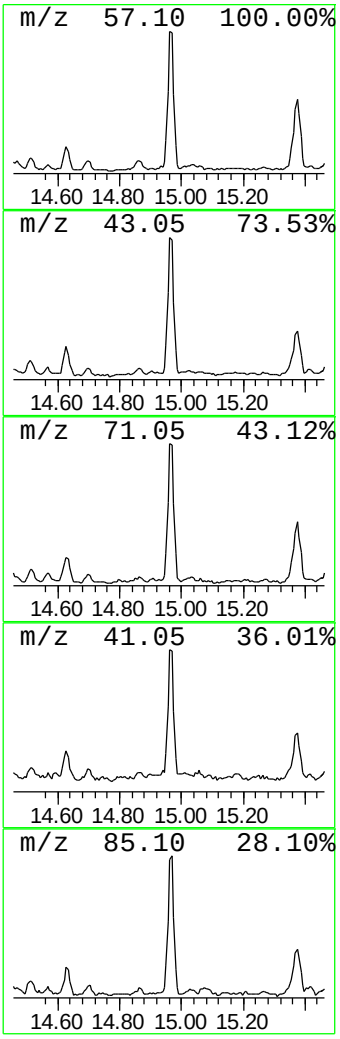
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	5.87 ng/ul	754295	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	58
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50
3	Hexadecane	226	C16H34	000544-76-3	49
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	49
5	Tridecane	184	C13H28	000629-50-5	49





Library Search Compound Report

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Misc :
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Instrument : BNA_N
ClientSampleId : GAT68

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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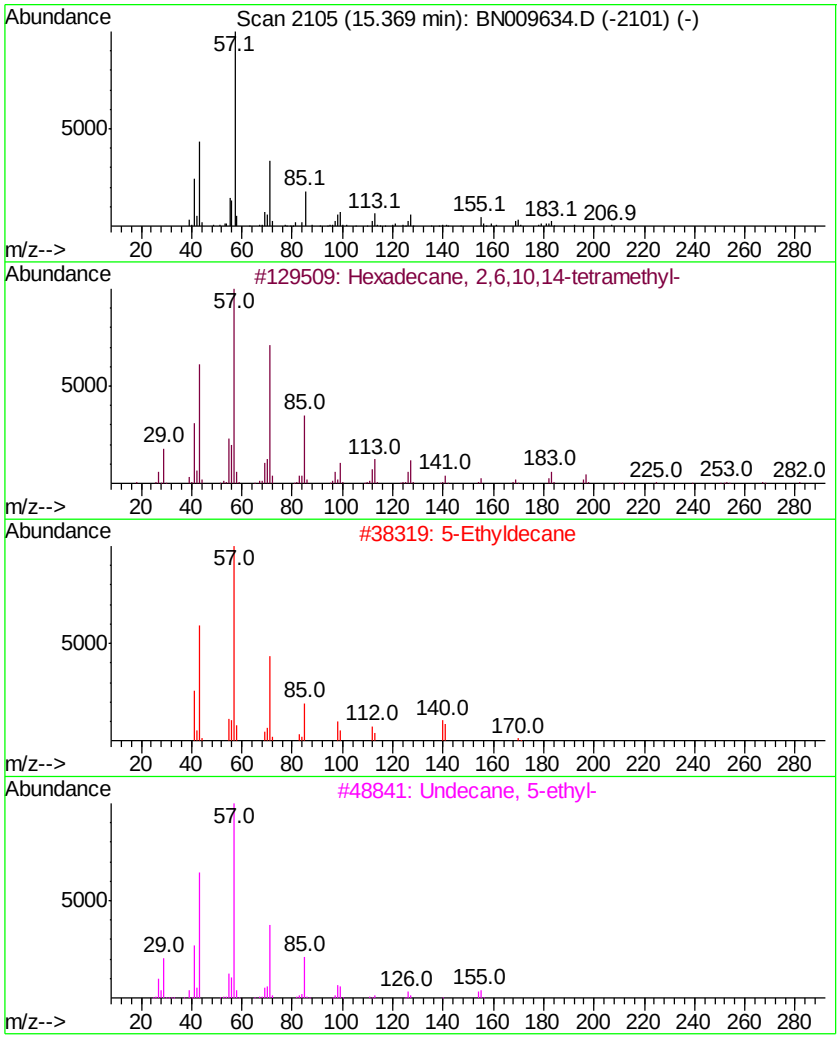
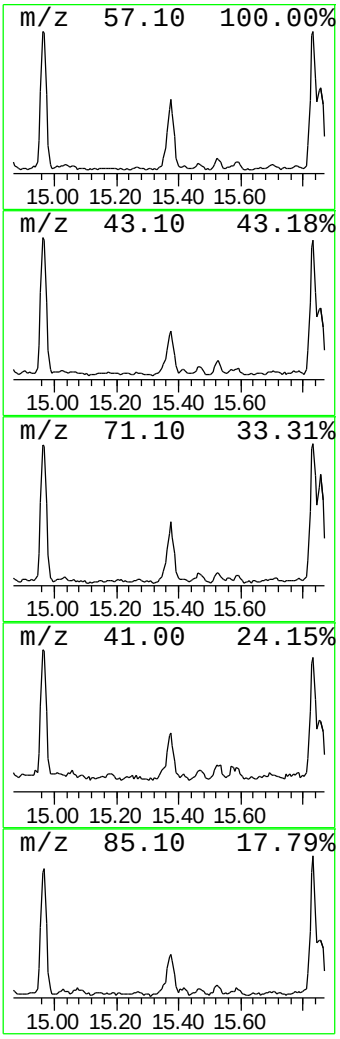
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	2.55 ng/ul	327033	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
2	5-Ethyldecane	170	C12H26	017302-36-2	59
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
5	3-Undecanone	170	C11H22O	002216-87-7	53





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Sample : L1324-13 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT68

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Quant Title : SVOA CALIBRATION

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

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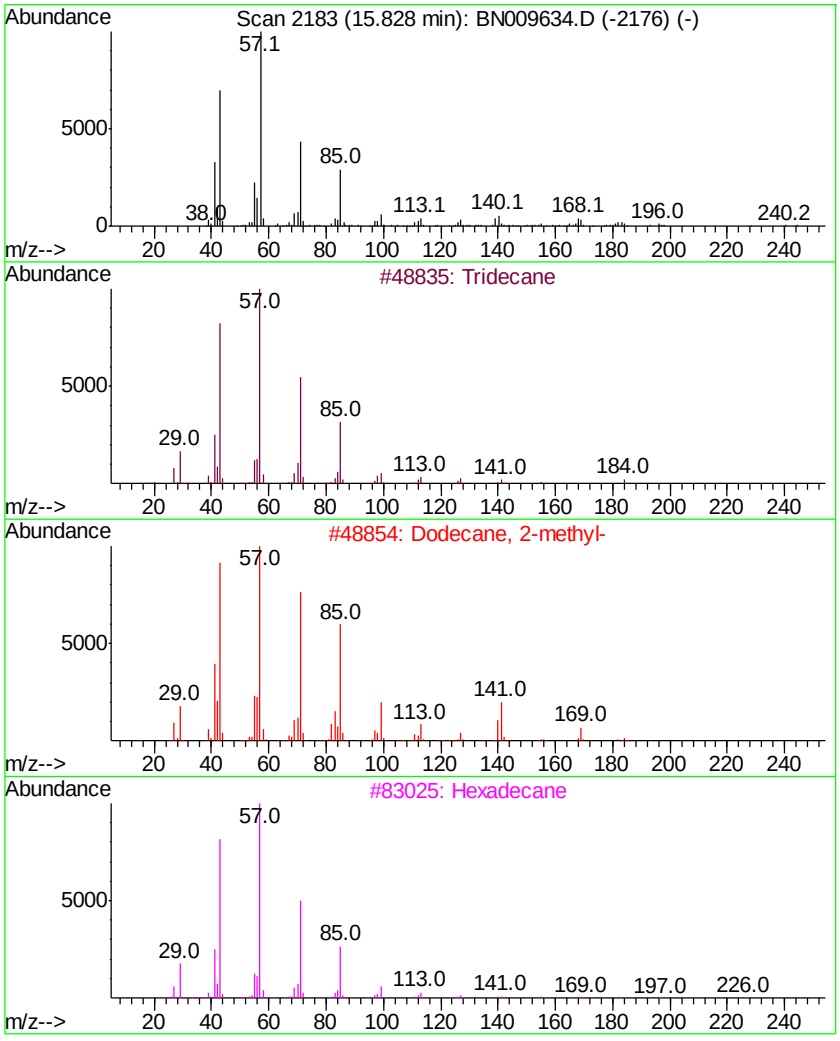
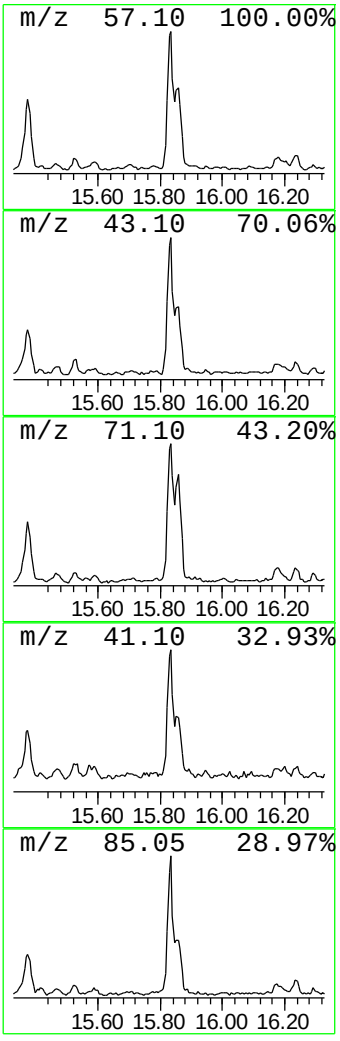
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	5.65 ng/ul	776138	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	76
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	76
3	Hexadecane	226	C16H34	000544-76-3	74
4	Eicosane	282	C20H42	000112-95-8	72
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	72





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Quant Title : SVOA CALIBRATION

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

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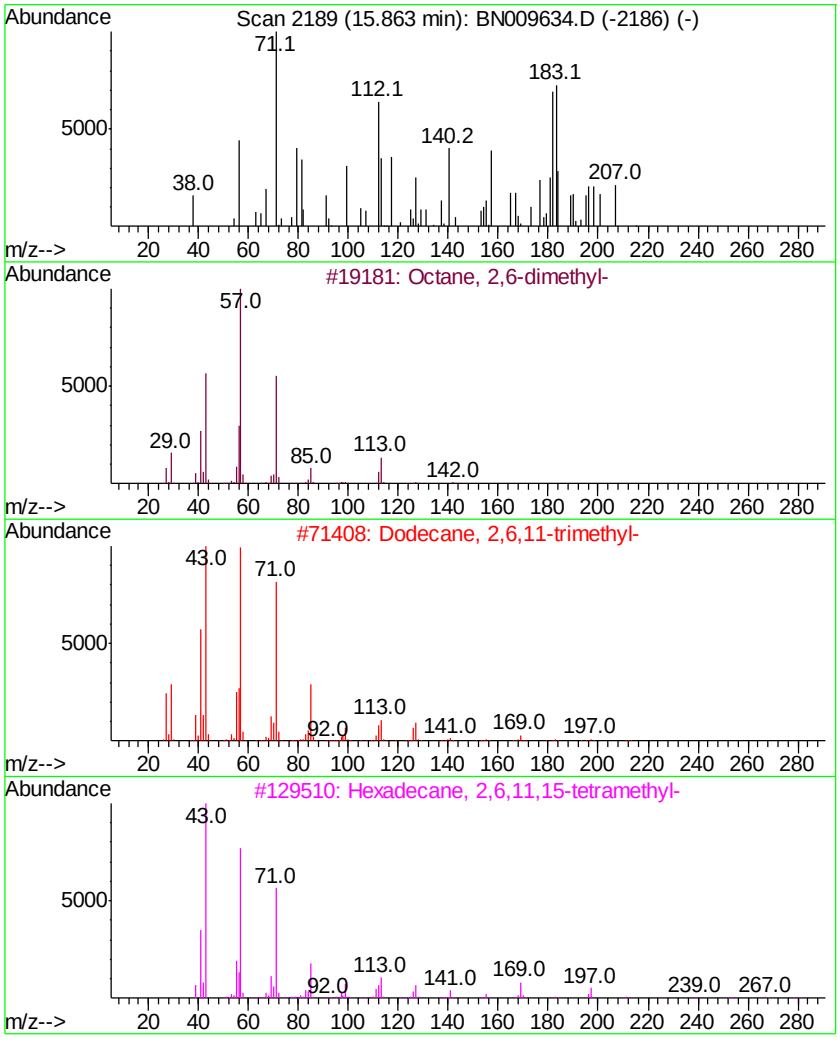
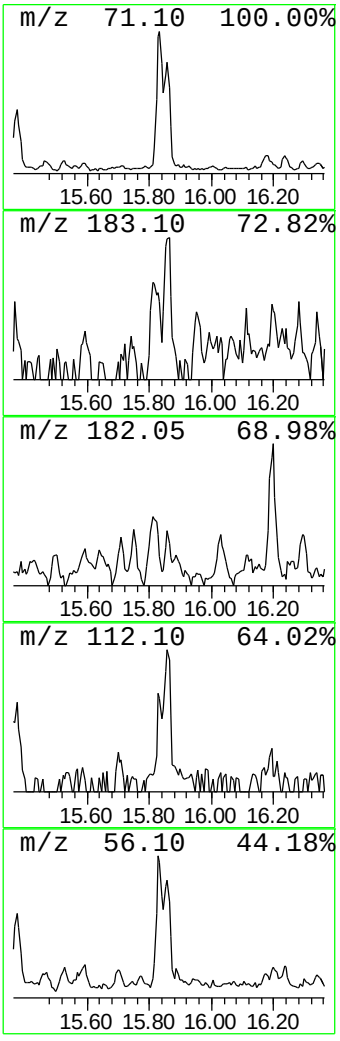
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.21 ng/ul	303598	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	59
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	53





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Quant Title : SVOA CALIBRATION

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

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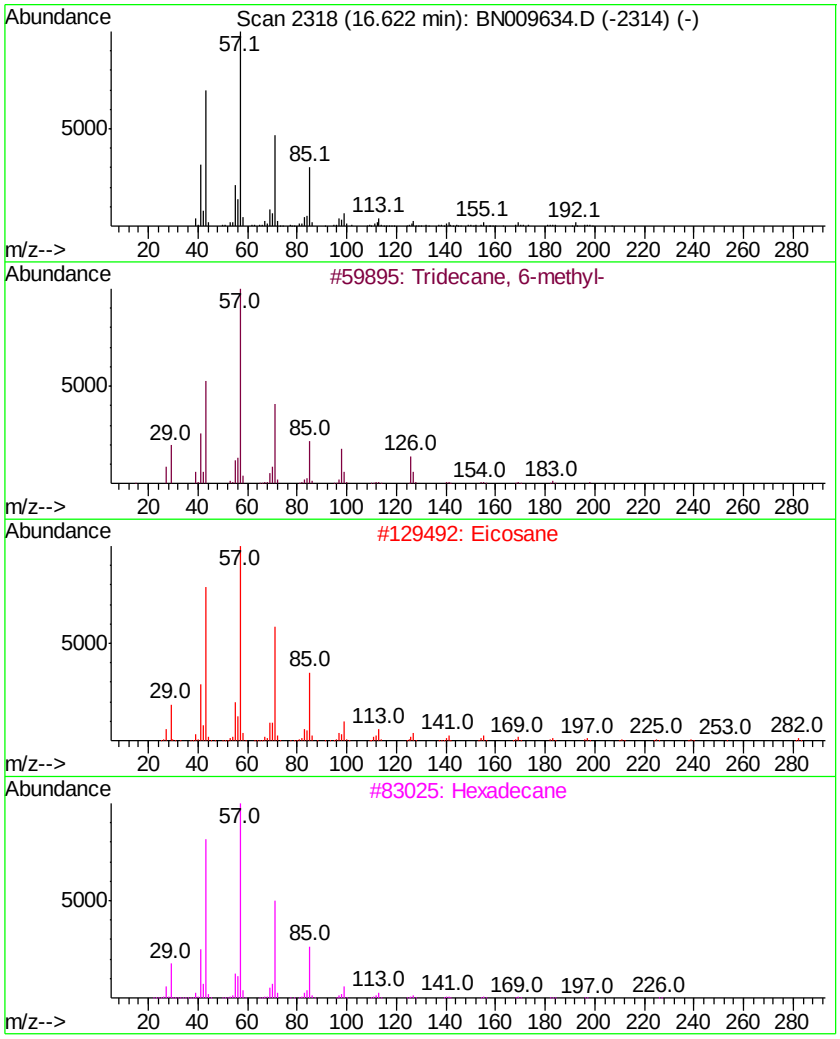
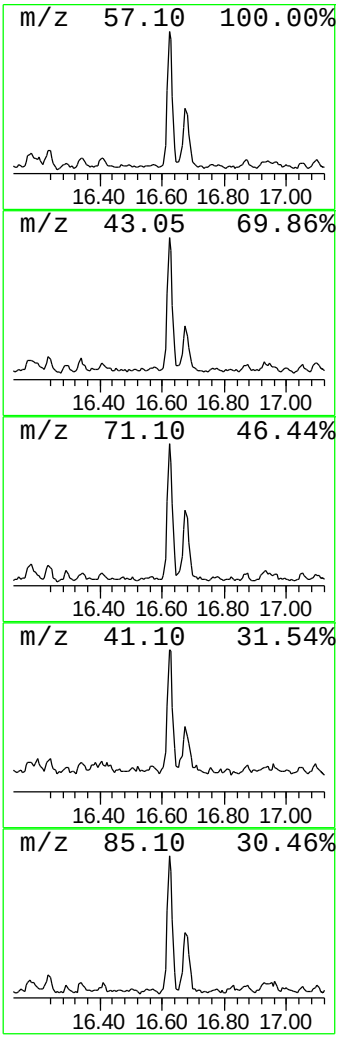
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	3.06 ng/ul	419729	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tetradecane	198	C14H30	000629-59-4	87





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ClientSampleId : GAT68

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Quant Title : SVOA CALIBRATION

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

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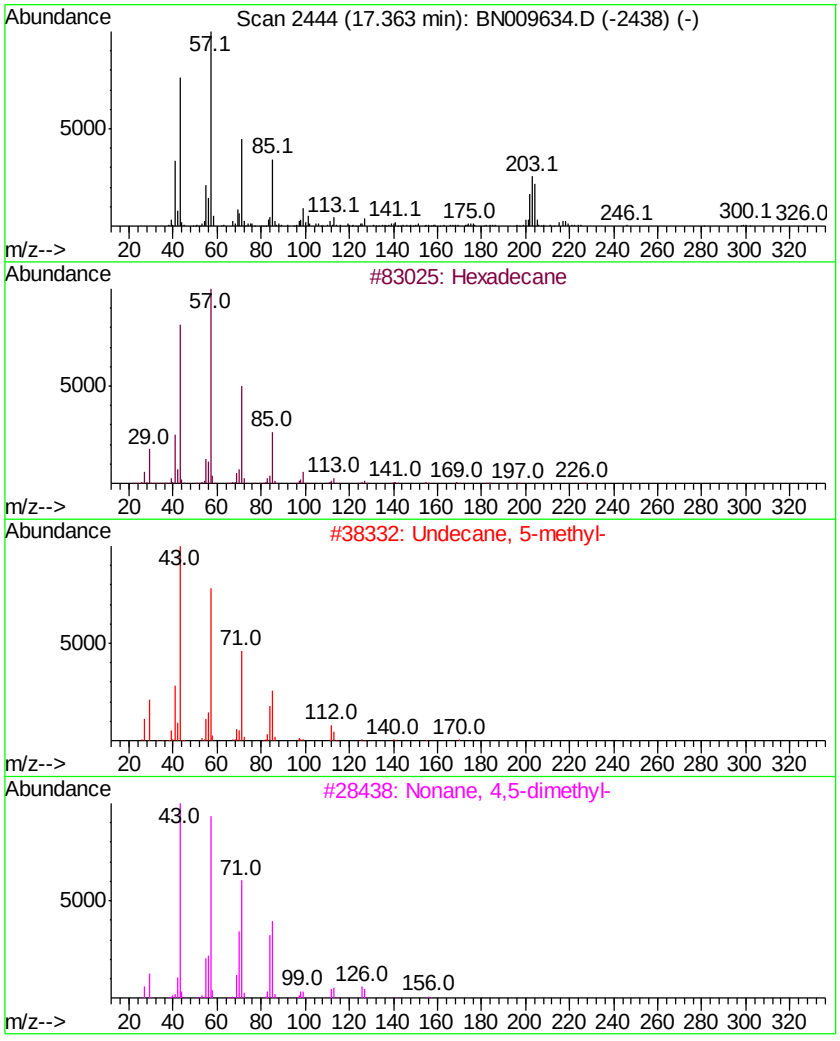
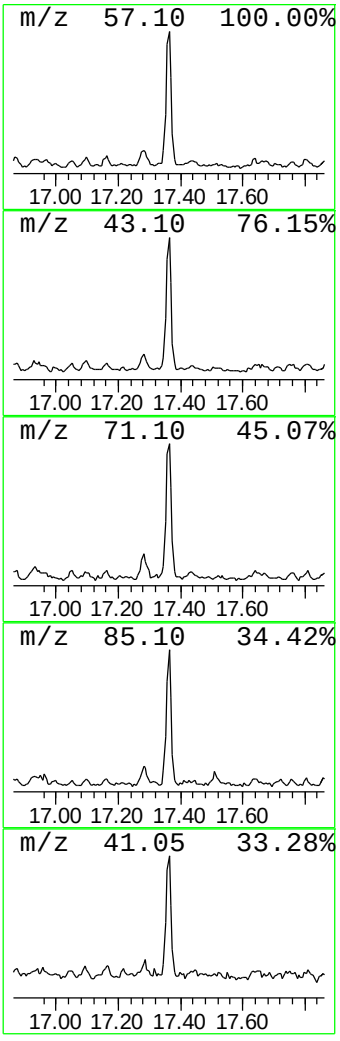
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	4.05 ng/ul	556891	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	38
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	30
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	30
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	30
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	30





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Quant Title : SVOA CALIBRATION

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

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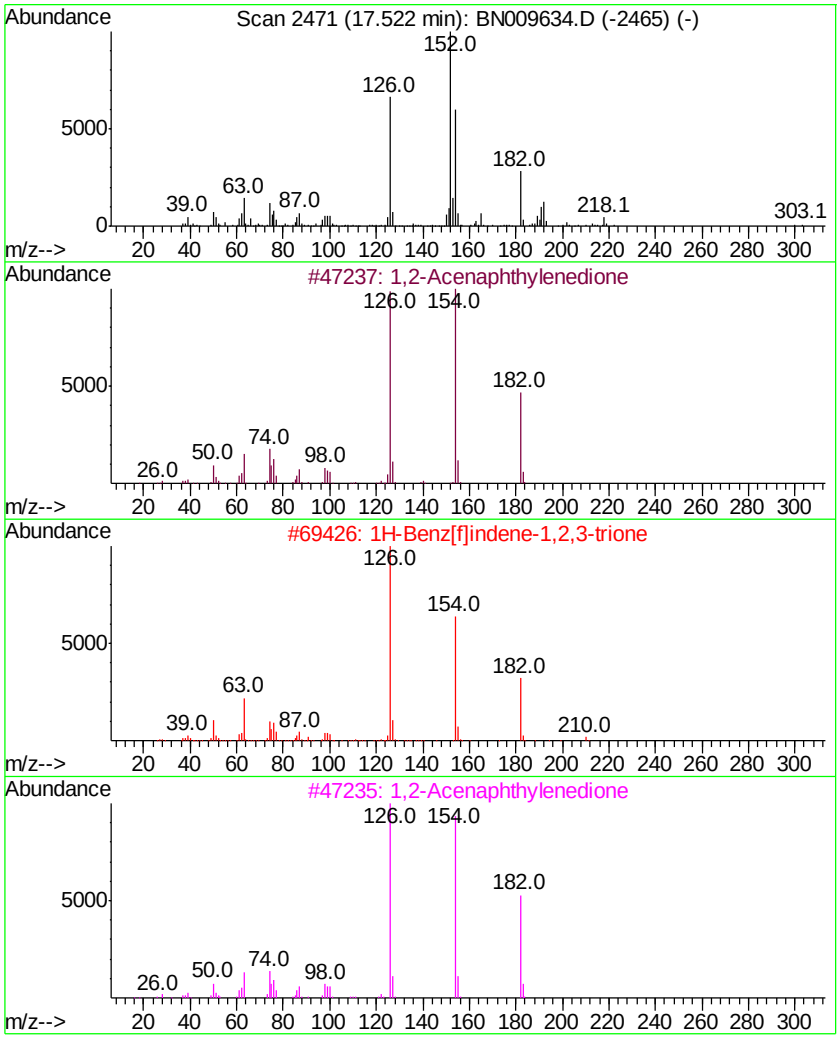
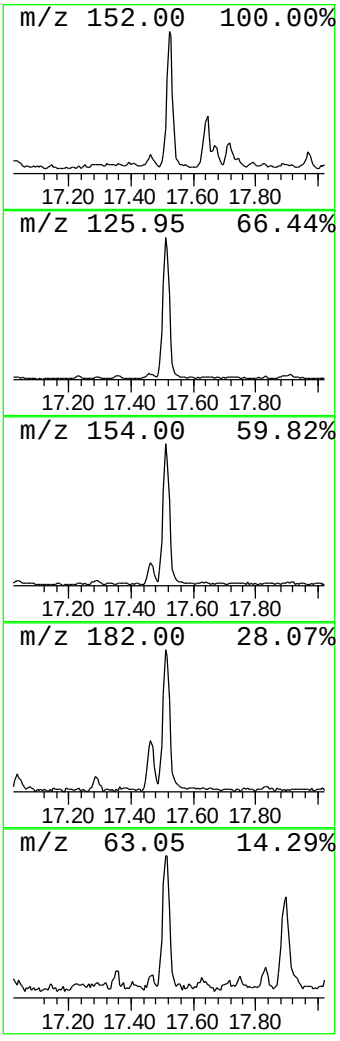
Peak Number 10 1,2-Acenaphthylenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	3.93 ng/ul	539504	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	97
2	1H-Benz[f]indene-1,2,3-trione	210	C13H6O3	020927-01-9	97
3	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	96
4	1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	89
5	1H-Benz[f]indene-1,3(2H)-dione, ...	228	C13H8O4	038627-57-5	43





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Quant Title : SVOA CALIBRATION

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

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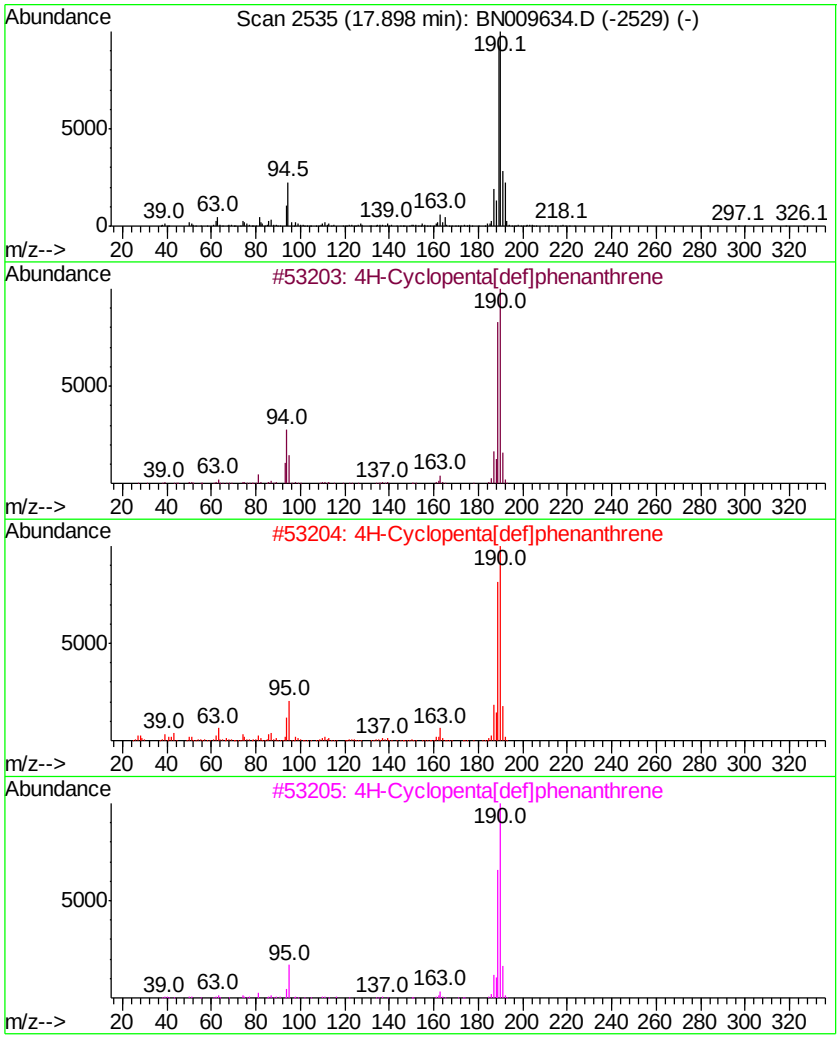
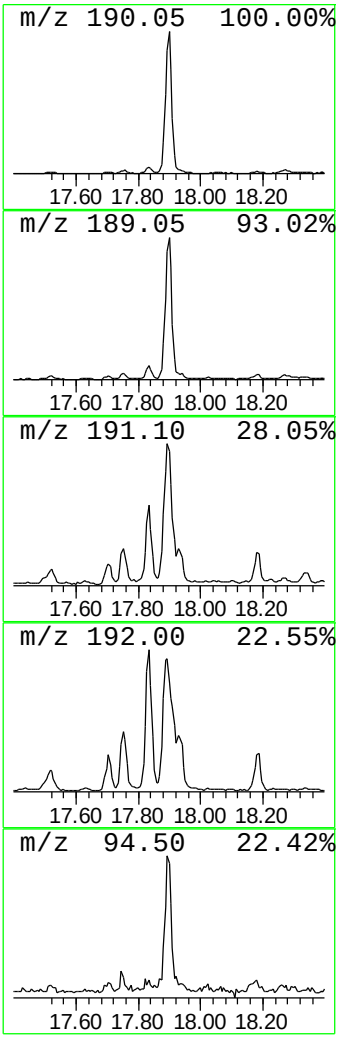
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	11.67 ng/ul	1602400	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	38





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

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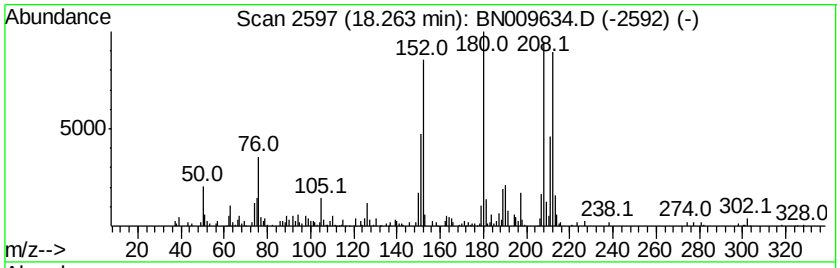
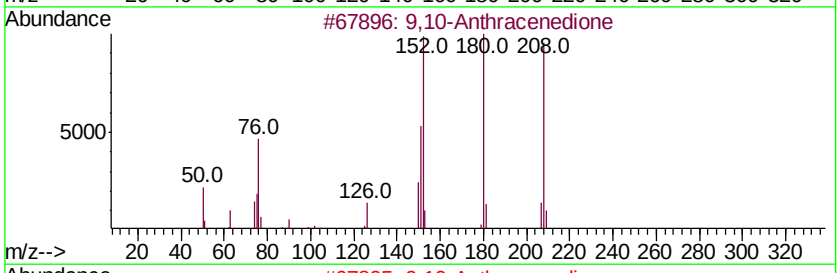
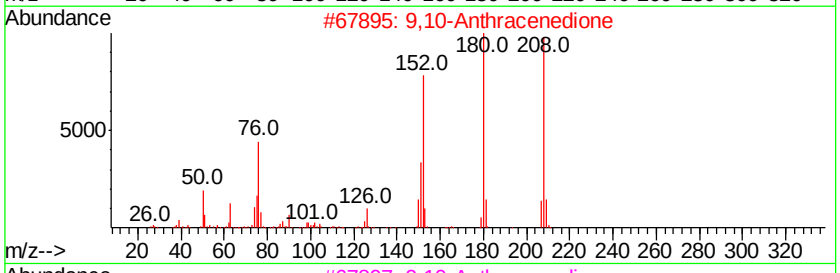
Peak Number 12 9,10-Anthracenedione Concentration Rank 26

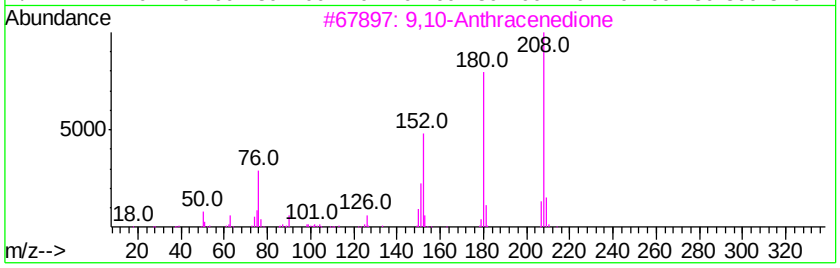
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.27 ng/ul	312465	Phenanthrene-d10	16.83

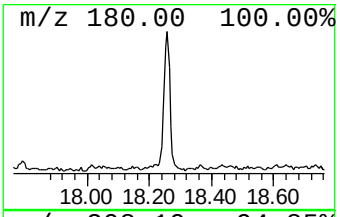
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	92
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	55

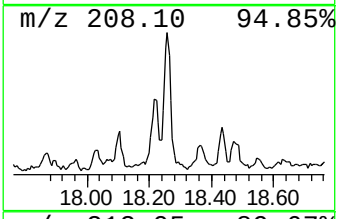


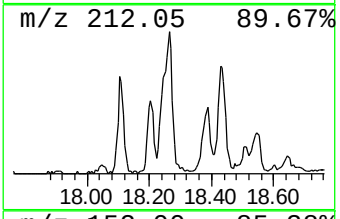


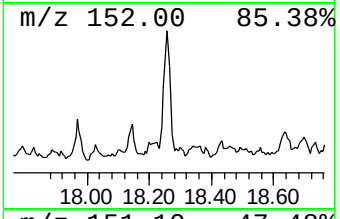


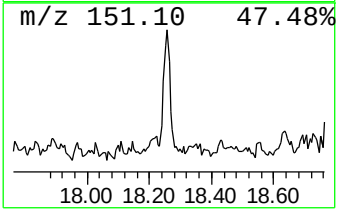












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Misc :
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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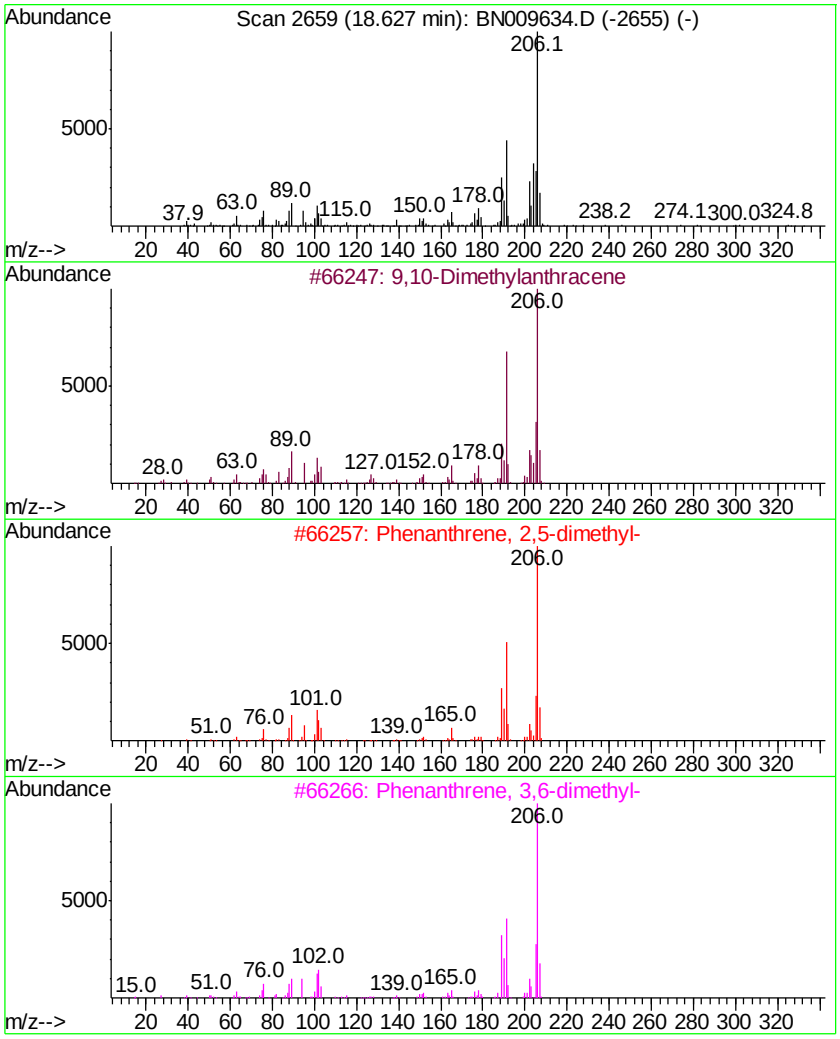
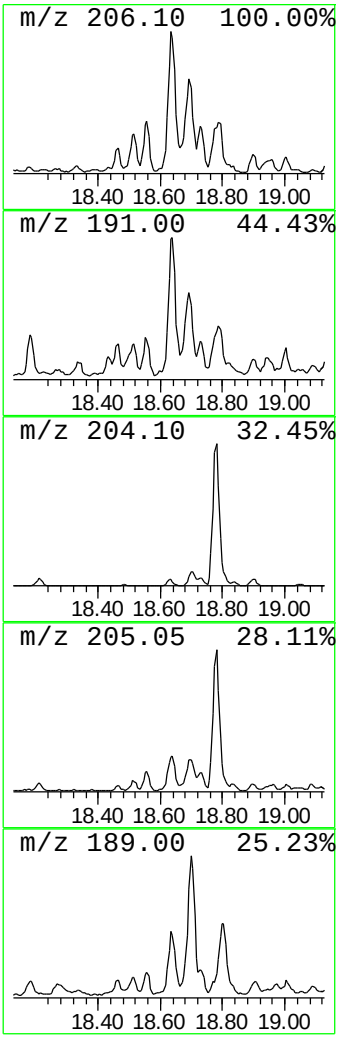
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	7.29 ng/ul	1001570	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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Quant Title : SVOA CALIBRATION

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

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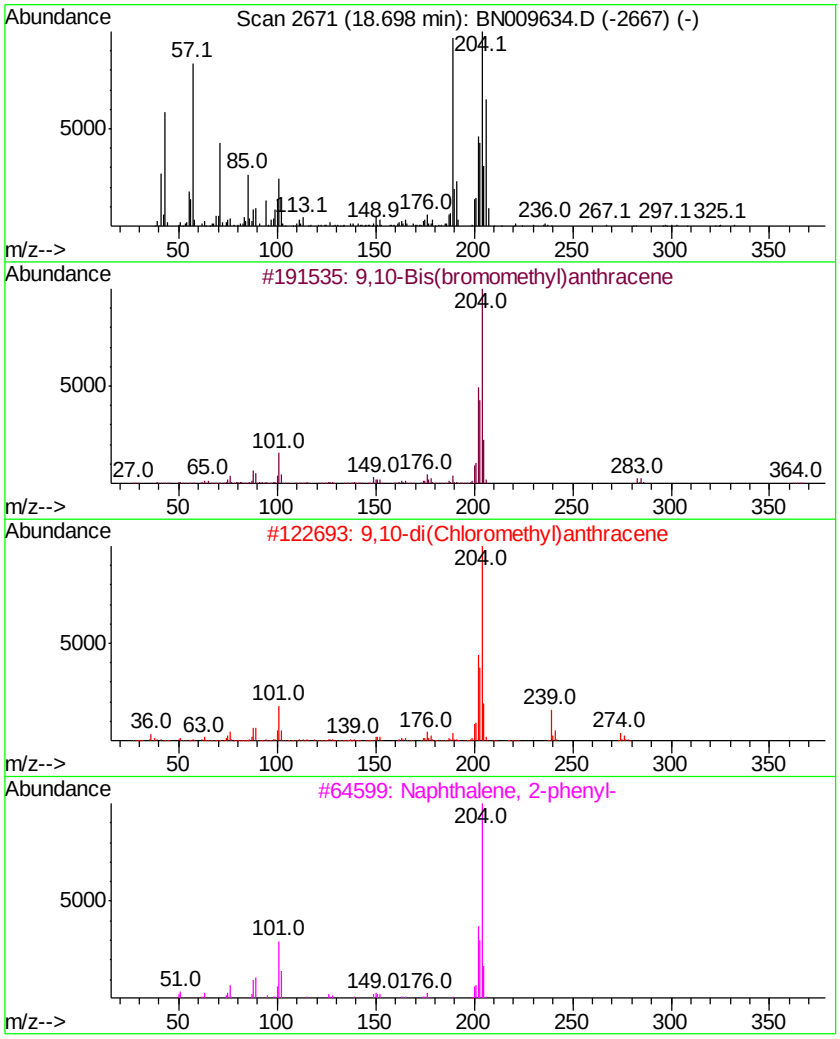
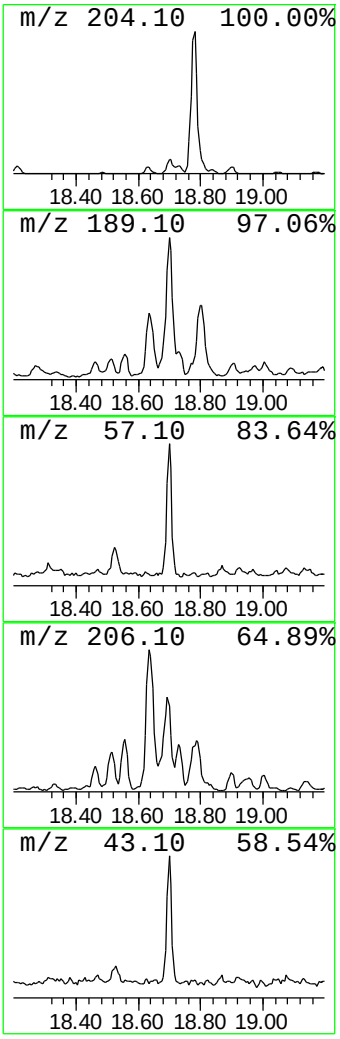
Peak Number 14 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	5.67 ng/ul	778475	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	43
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





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Quant Title : SVOA CALIBRATION

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

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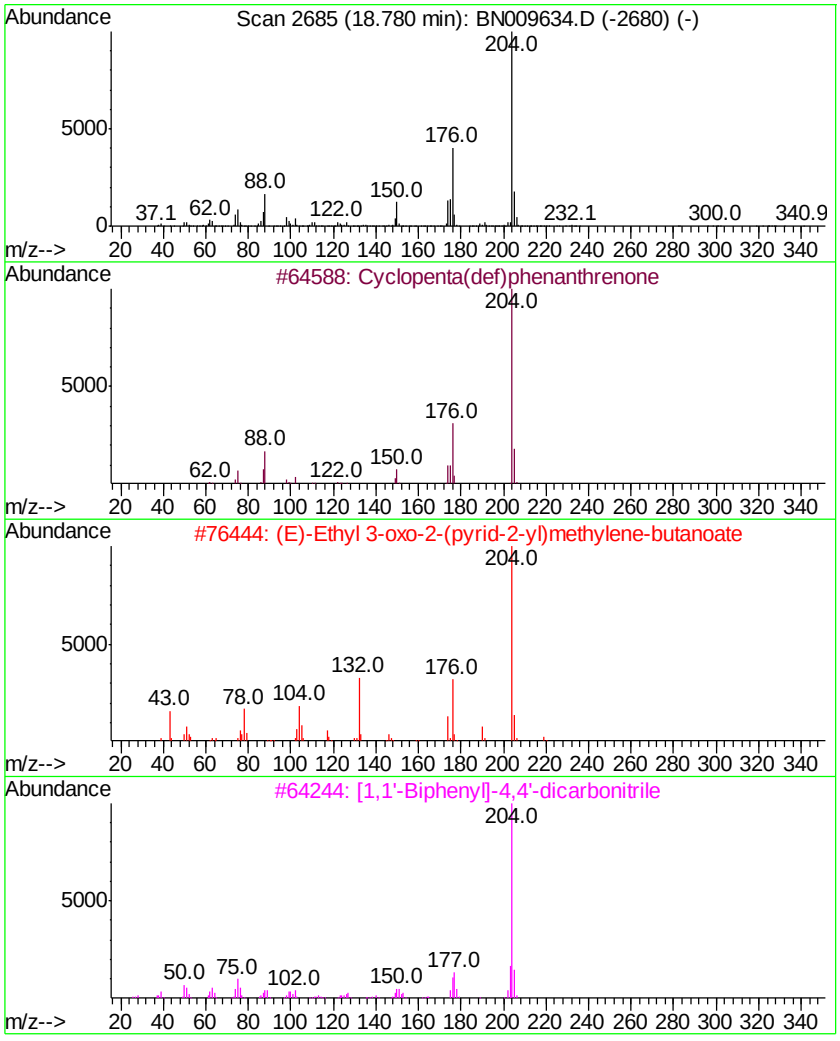
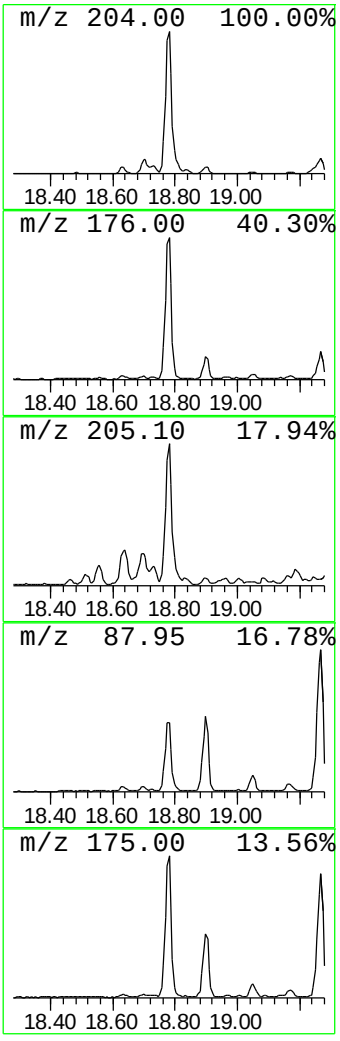
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.78	20.15 ng/ul	2767200	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45
5	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	45





Library Search Compound Report

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Data File : BN009634.D
Acq On : 07 Feb 2020 06:35
Operator : CG/JU
Sample : L1324-13 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT68

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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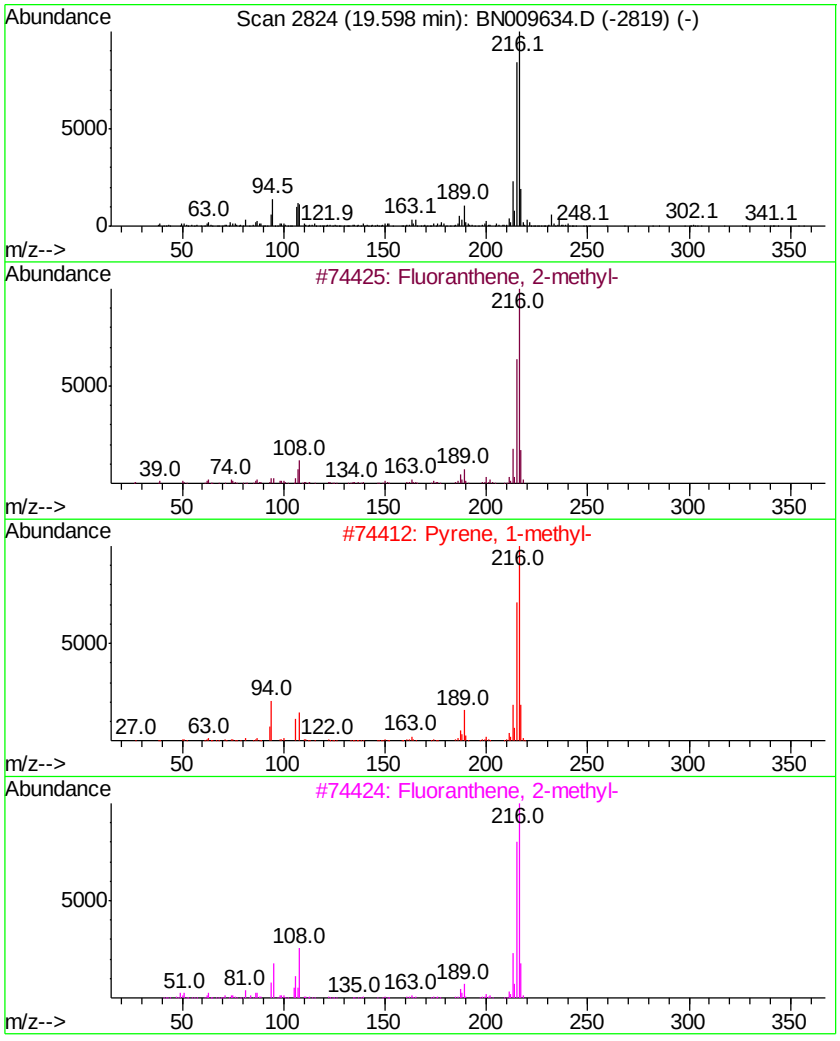
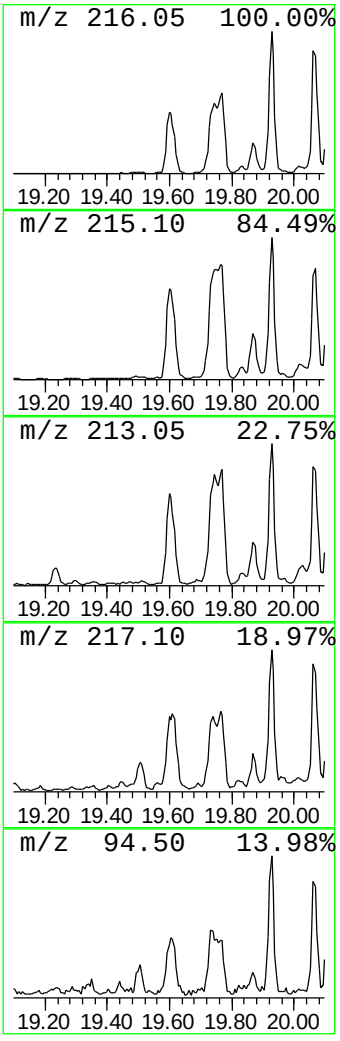
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	4.15 ng/ul	1783200	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT68

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Quant Title : SVOA CALIBRATION

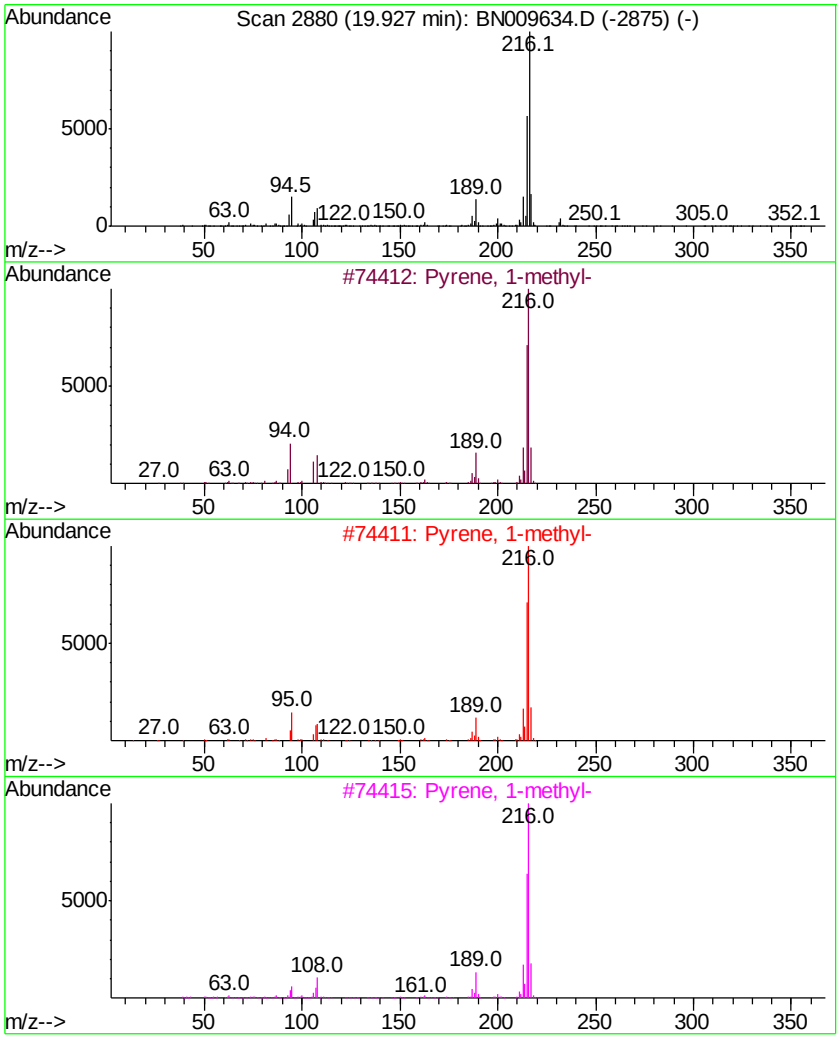
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

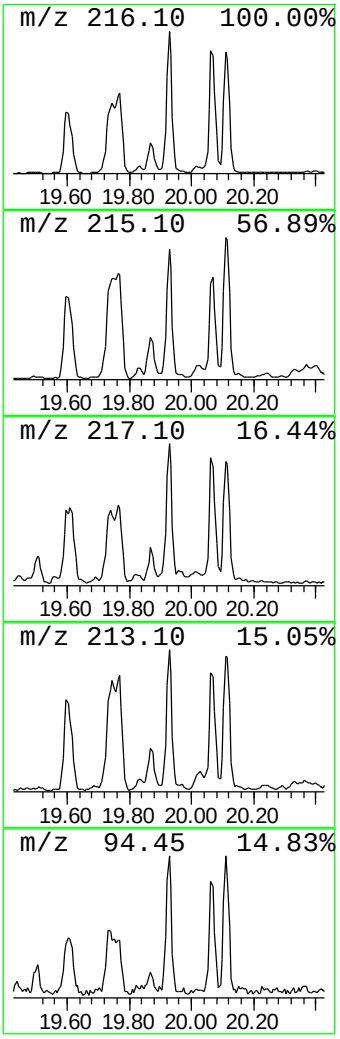
****

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	3.90 ng/ul	1676200	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





Library Search Compound Report

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Operator : CG/JU
Sample : L1324-13 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT68

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Quant Title : SVOA CALIBRATION

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

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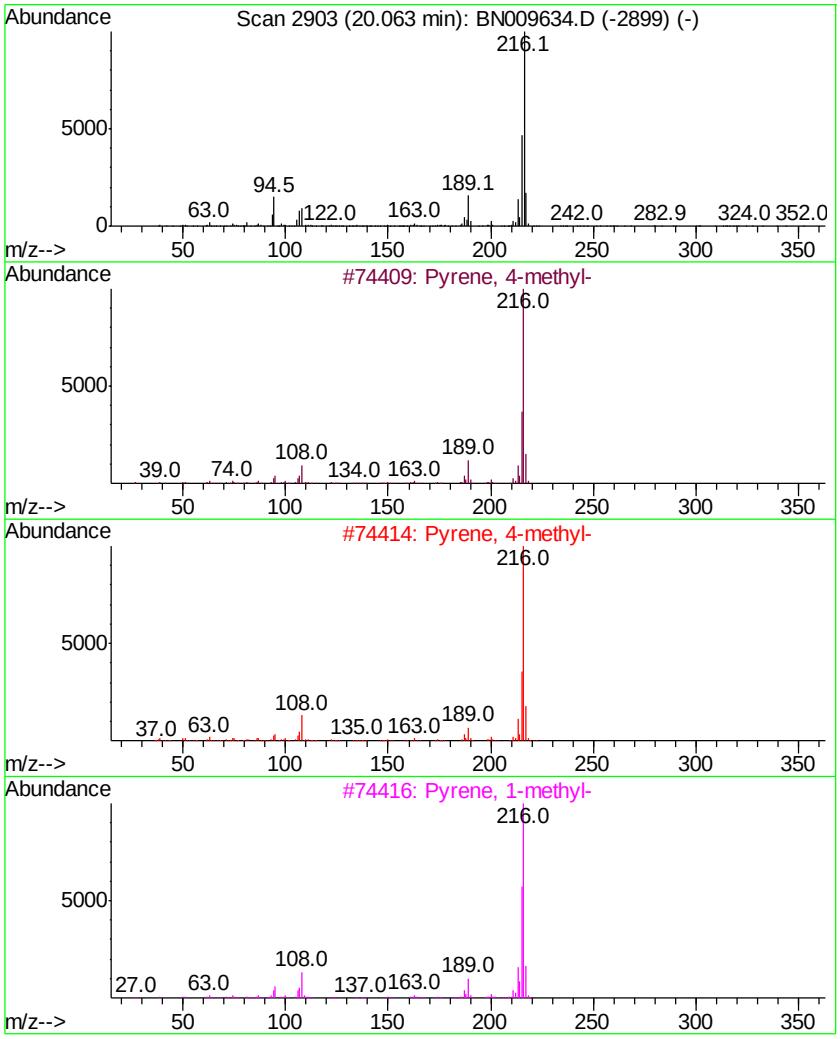
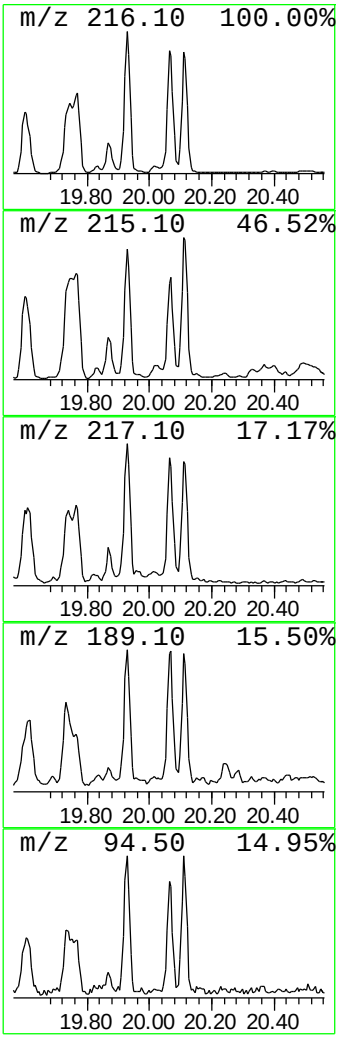
Peak Number 20 Pyrene, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	3.21 ng/ul	1378190	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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Acq On : 07 Feb 2020 06:35
Operator : CG/JU
Sample : L1324-13 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT68

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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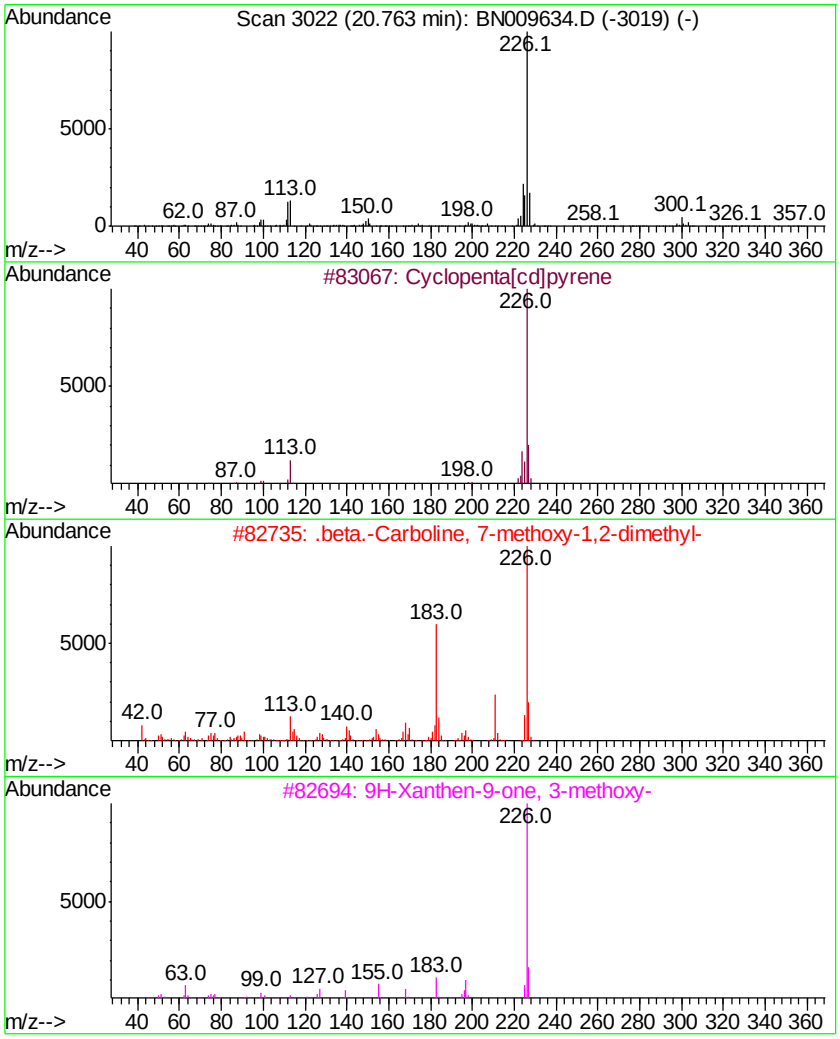
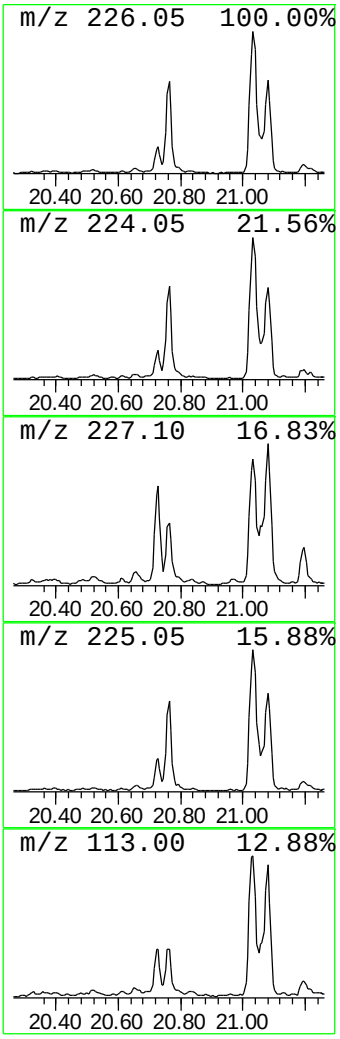
Peak Number 22 Cyclopenta[cd]pyrene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.75 ng/ul	1180870	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	50
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	42
5	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	37





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Operator : CG/JU
Sample : L1324-13 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT68

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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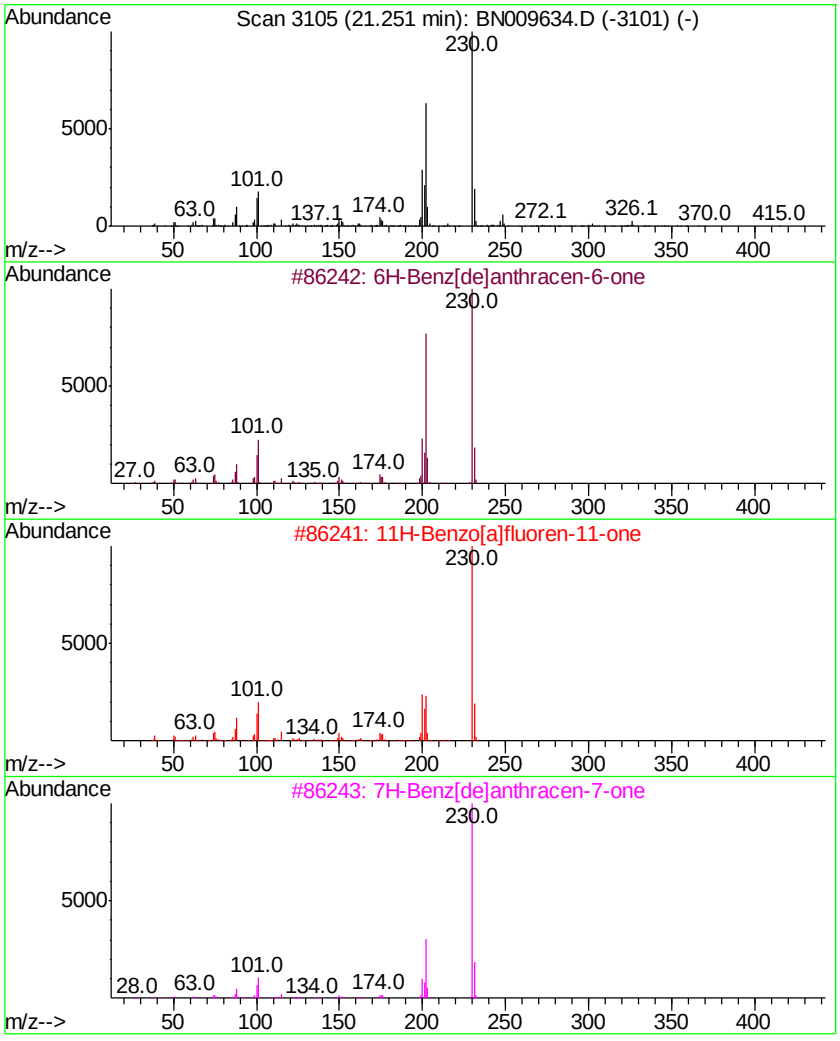
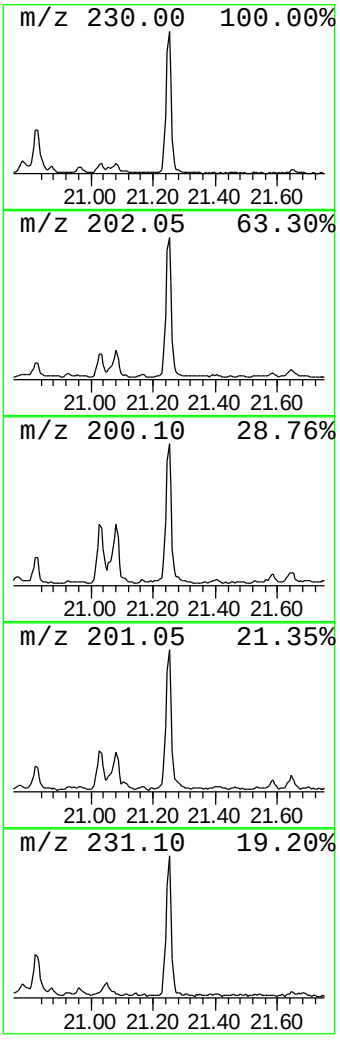
Peak Number 23 6H-Benz[de]anthracen-6-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.25	5.88 ng/ul	2526110	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	98
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	96
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93





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Operator : CG/JU
Sample : L1324-13 10X
Misc :
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Instrument : BNA_N
ClientSampleId : GAT68

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Quant Title : SVOA CALIBRATION

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

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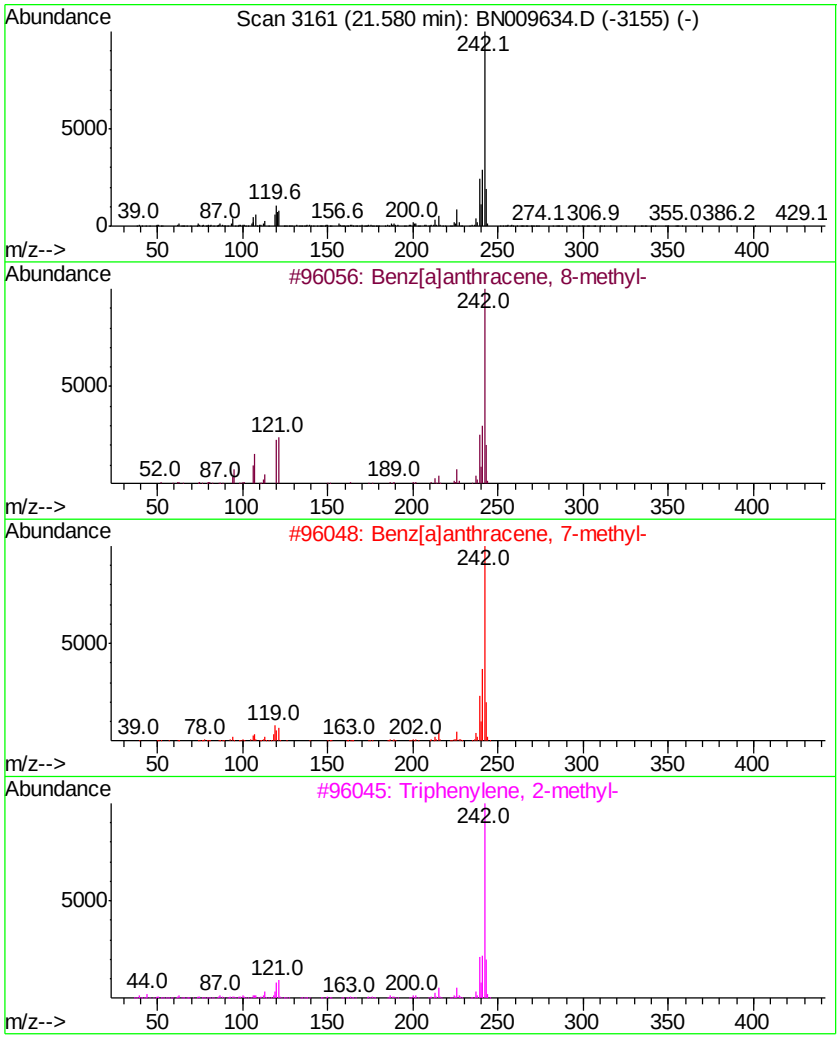
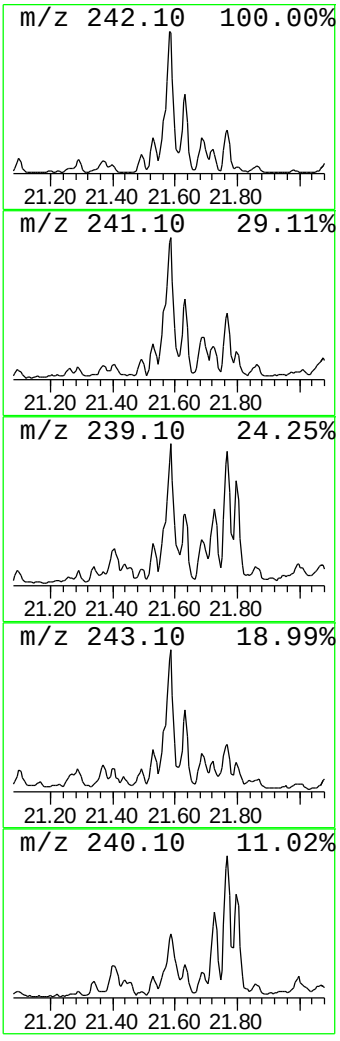
Peak Number 24 Benz[a]anthracene, 8-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.58	3.75 ng/ul	1611950	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	96
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	90
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





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Acq On : 07 Feb 2020 06:35
Operator : CG/JU
Sample : L1324-13 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT68

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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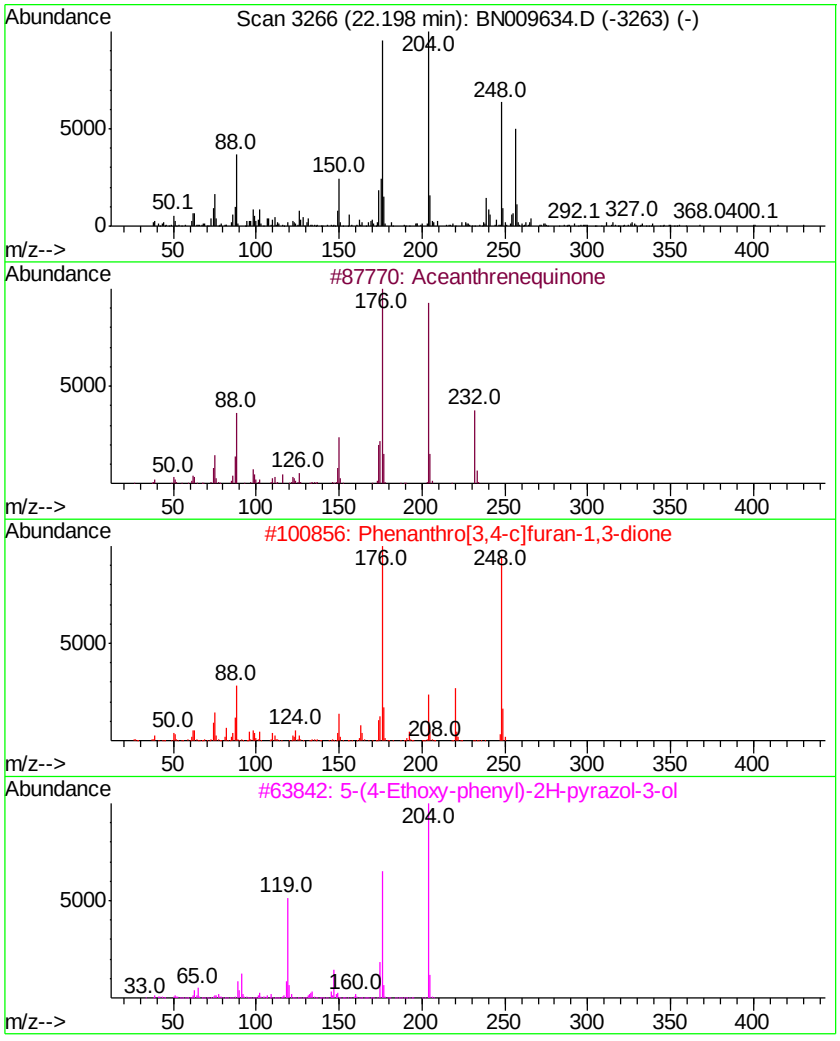
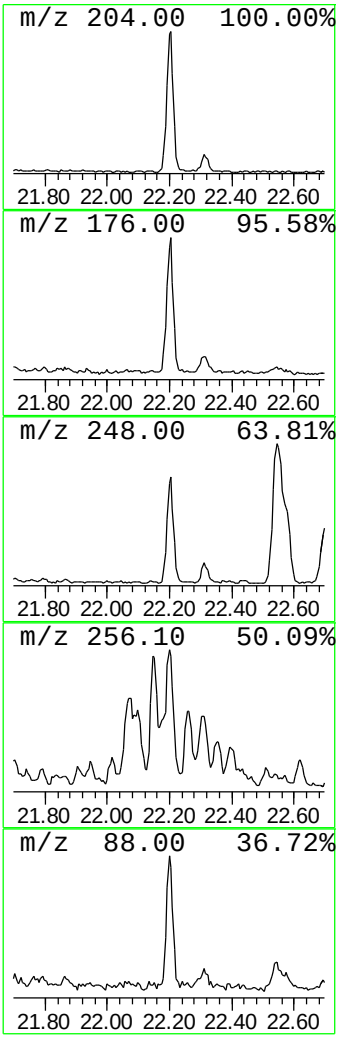
Peak Number 25 Aceanthrenequinone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	4.44 ng/ul	658133	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aceanthrenequinone	232	C16H8O2	006373-11-1	70
2	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	49
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	46
4	1-Propionyl-6,7,8,9-tetrahydro(5...	204	C12H16N2O	1000108-62-0	43
5	2-Carbethoxy-4-hydroxy-6-methoxy...	248	C12H12N2O4	1000227-07-7	38





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

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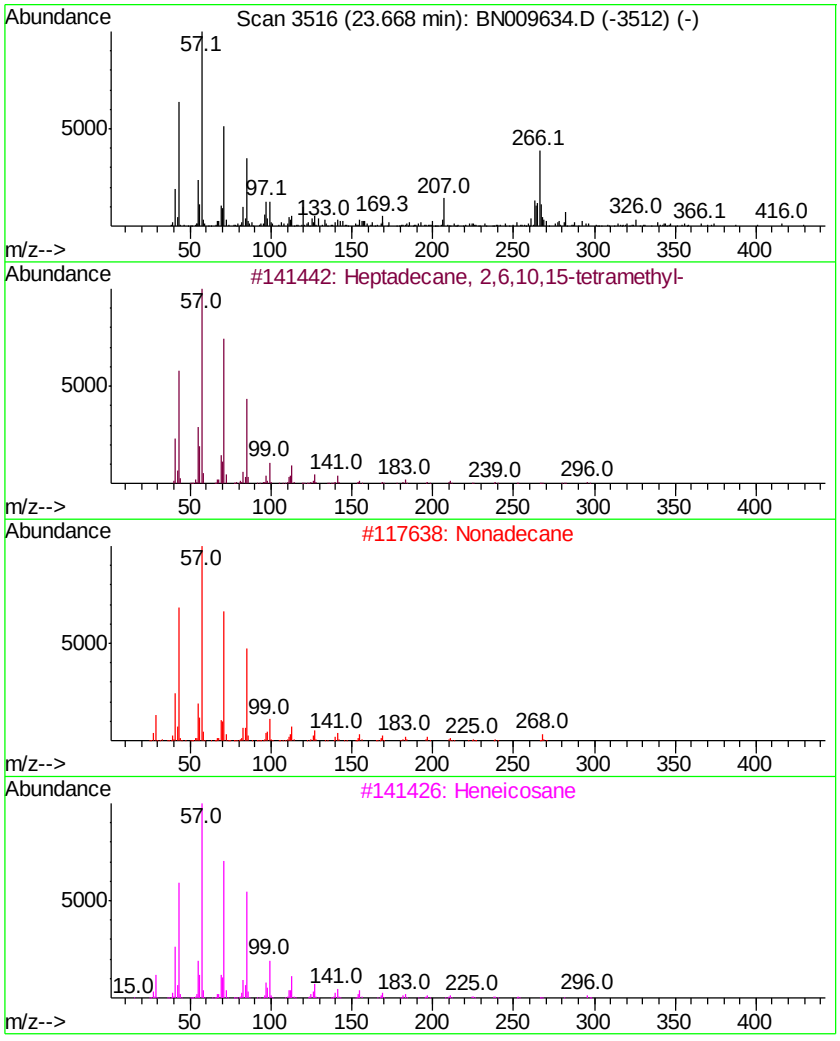
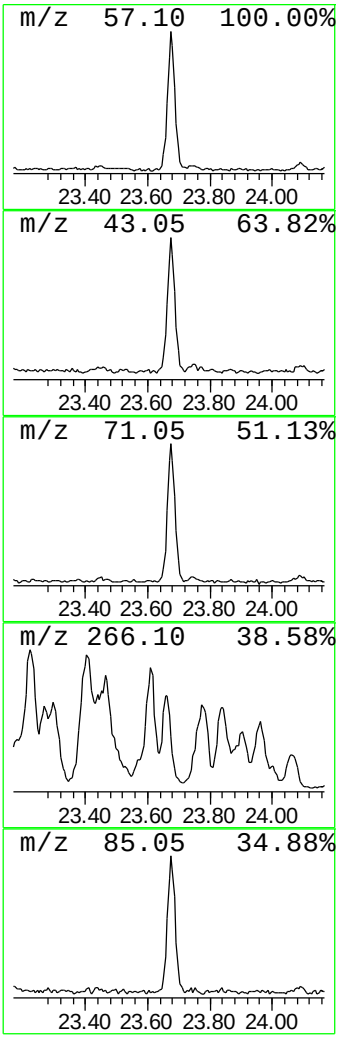
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	3.92 ng/ul	580451	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2	Nonadecane	268	C19H40	000629-92-5	95
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane	282	C20H42	000112-95-8	86





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Quant Title : SVOA CALIBRATION

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

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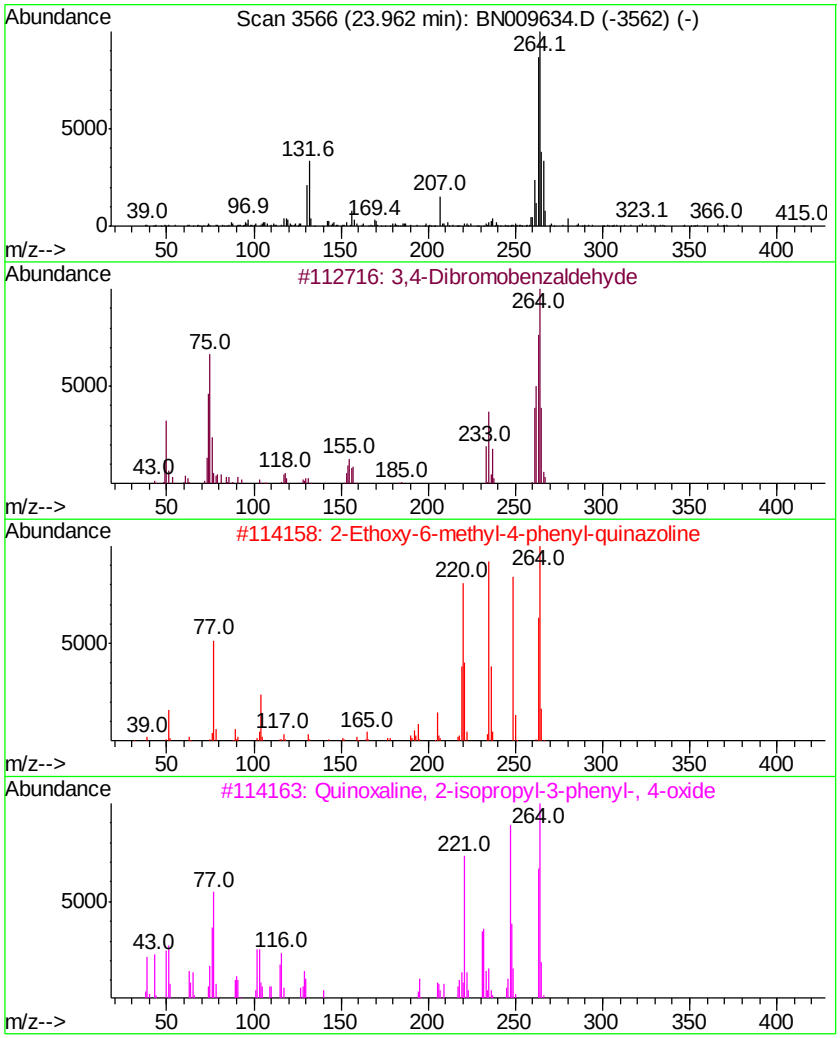
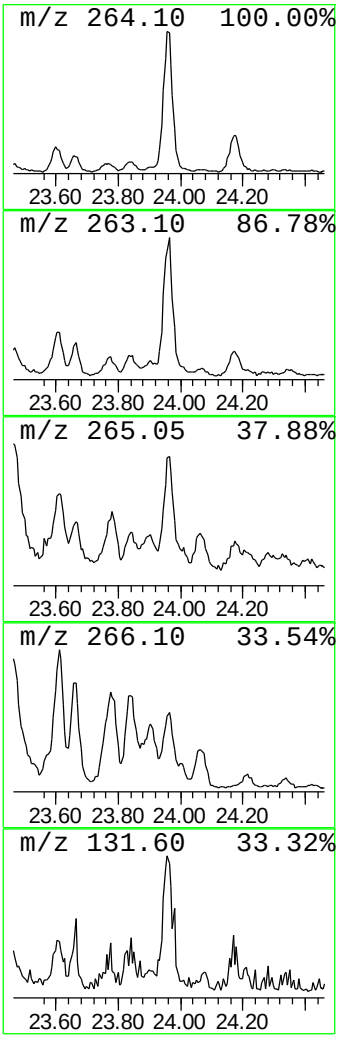
Peak Number 28 3,4-Dibromobenzaldehyde Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	5.09 ng/ul	753657	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	58
2	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	49
3	Quinoxaline, 2-isopropyl-3-phenyl...	264	C17H16N2O	016007-79-7	38
4	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	38
5	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	36





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	11.64	2.8	ng/ul	295632	2	10.19	2117390	20.0
(DEL) Alkane: Str...	12.91	4.4	ng/ul	570151	3	14.07	2569460	20.0
(DEL) Alkane: Str...	14.00	4.8	ng/ul	621024	3	14.07	2569460	20.0
(DEL) Alkane: Str...	14.96	5.9	ng/ul	754295	3	14.07	2569460	20.0
(DEL) Alkane: Str...	15.37	2.5	ng/ul	327033	3	14.07	2569460	20.0
(DEL) Alkane: Str...	15.83	5.7	ng/ul	776138	4	16.83	2747190	20.0
(DEL) Alkane: Str...	15.86	2.2	ng/ul	303598	4	16.83	2747190	20.0
(DEL) Alkane: Str...	16.62	3.1	ng/ul	419729	4	16.83	2747190	20.0
(DEL) Alkane: Str...	17.36	4.0	ng/ul	556891	4	16.83	2747190	20.0
1,2-Acenaphthylen...	17.52	3.9	ng/ul	539504	4	16.83	2747190	20.0
4H-Cyclopenta[def...	17.90	11.7	ng/ul	1602400	4	16.83	2747190	20.0
9,10-Anthracenedione	18.26	2.3	ng/ul	312465	4	16.83	2747190	20.0
9,10-Dimethylanth...	18.63	7.3	ng/ul	1001570	4	16.83	2747190	20.0
unknown-01	18.70	5.7	ng/ul	778475	4	16.83	2747190	20.0
Cyclopenta(def)ph...	18.78	20.1	ng/ul	2767200	4	16.83	2747190	20.0
Fluoranthene, 2-m...	19.60	4.2	ng/ul	1783200	5	21.05	8595880	20.0
Pyrene, 1-methyl-	19.93	3.9	ng/ul	1676200	5	21.05	8595880	20.0
Pyrene, 4-methyl-	20.06	3.2	ng/ul	1378190	5	21.05	8595880	20.0
Cyclopenta[cd]pyrene	20.76	2.8	ng/ul	1180870	5	21.05	8595880	20.0
6H-Benz[de]anthra...	21.25	5.9	ng/ul	2526110	5	21.05	8595880	20.0
Benz[a]anthracene...	21.58	3.8	ng/ul	1611950	5	21.05	8595880	20.0
Aceanthrenequinone	22.20	4.4	ng/ul	658133	6	23.16	2963330	20.0
(DEL) Alkane: Str...	23.67	3.9	ng/ul	580451	6	23.16	2963330	20.0
3,4-Dibromobenzal...	23.96	5.1	ng/ul	753657	6	23.16	2963330	20.0