LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011433.D
Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

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-BN081420MA.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	4.005	167	173	180	rBV2	154841	248445	2.52%	0.200%
2	4.387	234	238	247	rBV	100878	165727	1.68%	0.134%
3	6.640	612	621	633	rBV	430962	737115	7.49%	0.595%
4	6.799	642	648	656	rBV	308324	478743	4.86%	0.386%
5	6.981	672	679	689	rBV	504004	787150	7.99%	0.635%
6	7.440	750	757	766	rBV	752424	1166622	11.85%	0.941%
7	8.146	871	877	892	rBV	554541	886179	9.00%	0.715%
8	8.575	944	950	963	rBV	370800	611312	6.21%	0.493%
9	9.287	1065	1071	1080	rBV	337358	538779	5.47%	0.435%
10	9.816	1154	1161	1178	rVB	592281	1016110	10.32%	0.820%
11	10.181	1217	1223	1229	rBV	931937	1547066	15.71%	1.248%
12	10.334	1239	1249	1262	rBV	398989	781573	7.94%	0.630%
13	13.498	1781	1787	1791	rVV	859735	1209409	12.28%	0.976%
14	13.545	1791	1795	1803	rVV	259422	397335	4.04%	0.321%
15	13.757	1823	1831	1851	rVB	1102985	1750154	17.77%	1.412%
16	14.069	1878	1884	1891	rBV	1265729	1809617	18.38%	1.460%
17	14.134	1891	1895	1900	rVB	98300	138519	1.41%	0.112%
18	14.298	1917	1923	1934	rBV	232455	423078	4.30%	0.341%
19	14.475	1946	1953	1960	rVV2	88086	150916	1.53%	0.122%
20	15.075	2049	2055	2060	rVV	1386392	1936411	19.67%	1.562%
21	15.128	2060	2064	2071	rVB2	138865	194875	1.98%	0.157%
22	15.210	2073	2078	2084	rBV	311730	470983	4.78%	0.380%
23	15.428	2110	2115	2125	rVB	79658	125403	1.27%	0.101%
24	15.575	2136	2140	2149	rVB	73204	146979	1.49%	0.119%
25	16.139	2226	2236	2241	rBV7	52982	141911	1.44%	0.114%
26	16.375	2272	2276	2279	rVV3	81660	114494	1.16%	0.092%
27	16.486	2290	2295	2304	rVB2	78722	149269	1.52%	0.120%
28	16.581	2304	2311	2315	rBV3	92044	203753	2.07%	0.164%
29	16.645	2315	2322	2327	rVV	103956	172436	1.75%	0.139%
30	16.828	2347	2353	2356	rBV	1492801	2104636	21.37%	1.698%
31	16.869	2356	2360	2365	rVV	2590614	3501139	35.56%	2.824%
32	16.928	2365	2370	2373	rVV	1541111	2285845	23.21%	1.844%
33	16.957	2373	2375	2380	rVV	614029	714927	7.26%	0.577%
34	17.233	2419	2422	2427	rVB	156263	214764	2.18%	0.173%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011433.D
Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

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-BN081420MA.M
Title : SVOA CALIBRATION

35	17.704	2494	2502	2506	rBV	432103	629849	6.40%	0.508%
36	17.751	2506	2510	2519	rVB	664445	1012998	10.29%	0.817%
37	17.833	2519	2524	2529	rVB	267696	364574	3.70%	0.294%
38	17.892	2529	2534	2538	rBV2	621872	1078866	10.96%	0.870%
39	17.933	2538	2541	2550	rVB	335037	481233	4.89%	0.388%
40	18.210	2584	2588	2592	rVV	310808	431553	4.38%	0.348%
41	18.251	2592	2595	2602	rVB2	164319	218277	2.22%	0.176%
42	18.463	2623	2631	2636	rVV2	132544	243846	2.48%	0.197%
43	18.510	2636	2639	2643	rVV	120526	169733	1.72%	0.137%
44	18.551	2643	2646	2650	rVB	111797	138661	1.41%	0.112%
45	18.639	2655	2661	2666	rBV	257778	463253	4.70%	0.374%
46	18.698	2666	2671	2674	rVV3	165773	300116	3.05%	0.242%
47	18.728	2674	2676	2680	rVB	113803	129948	1.32%	0.105%
48	18.775	2680	2684	2692	rVB4	256362	468384	4.76%	0.378%
49	18.898	2693	2705	2713	rBV	6080544	8214729	83.43%	6.627%
50	18.975	2713	2718	2720	rBV2	85775	119540	1.21%	0.096%
51	19.004	2720	2723	2727	rVB3	84300	111166	1.13%	0.090%
52	19.051	2727	2731	2735	rVB	217126	274737	2.79%	0.222%
53	19.110	2735	2741	2742	rBV5	80695	119986	1.22%	0.097%
54	19.139	2742	2746	2752	rVB	255960	379899	3.86%	0.306%
55	19.239	2757	2763	2764	rVV2	2878451	4004763	40.67%	3.231%
56	19.269	2764	2768	2776	rVV	7139256	9846590	100.00%	7.943%
57	19.339	2776	2780	2788	rVB3	291473	504061	5.12%	0.407%
58	19.451	2794	2799	2805	rBV	334948	475650	4.83%	0.384%
59	19.510	2805	2809	2815	rVB	250099	385329	3.91%	0.311%
60	19.580	2815	2821	2830	rBV3	749331	1743848	17.71%	1.407%
61	19.651	2830	2833	2836	rVB	148763	161701	1.64%	0.130%
62	19.733	2842	2847	2849	rBV4	301492	458497	4.66%	0.370%
63	19.769	2850	2853	2858	rVB	550732	716086	7.27%	0.578%
64	19.869	2867	2870	2874	rBV	272474	311277	3.16%	0.251%
65	19.927	2874	2880	2884	rBV2	740976	1117798	11.35%	0.902%
66	19.969	2884	2887	2891	rVB3	154003	204678	2.08%	0.165%
67	20.016	2891	2895	2899	rBV2	109088	154860	1.57%	0.125%
68	20.069	2899	2904	2908	rBV	388557	523850	5.32%	0.423%
69	20.116	2908	2912	2921	rBV2	360977	662077	6.72%	0.534%
70	20.339	2945	2950	2952	rBV3	122075	224613	2.28%	0.181%
71	20.522	2978	2981	2988	rVB	368589	480604	4.88%	0.388%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011433.D
Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

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-BN081420MA.M
Title : SVOA CALIBRATION

72	20.686	3004	3009	3013	rBV4	413728	699594	7.10%	0.564%
73	20.727	3013	3016	3019	rVB2	536135	534401	5.43%	0.431%
74	20.763	3019	3022	3024	rBV	392598	465747	4.73%	0.376%
75	20.798	3025	3028	3030	rVB2	247121	302023	3.07%	0.244%
76	20.992	3058	3061	3064	rBV2	711168	892890	9.07%	0.720%
77	21.033	3064	3068	3073	rVV3	4202436	7918872	80.42%	6.388%
78	21.080	3073	3076	3085	rVB	3142297	4294855	43.62%	3.465%
79	21.198	3092	3096	3100	rBV	424574	446854	4.54%	0.360%
80	21.245	3101	3104	3108	rVV3	162086	230751	2.34%	0.186%
81	21.310	3112	3115	3118	rVB	286004	314866	3.20%	0.254%
82	21.357	3118	3123	3128	rBV2	564288	942682	9.57%	0.760%
83	21.586	3159	3162	3166	rVB	524999	591612	6.01%	0.477%
84	21.633	3167	3170	3173	rBV	289130	371458	3.77%	0.300%
85	21.769	3190	3193	3196	rBV2	261985	283206	2.88%	0.228%
86	22.310	3281	3285	3290	rVB4	356056	510055	5.18%	0.411%
87	22.539	3318	3324	3329	rBV	2641943	6503655	66.05%	5.246%
88	22.610	3334	3336	3346	rVV4	593876	1026978	10.43%	0.828%
89	22.698	3347	3351	3357	rVB	446886	666159	6.77%	0.537%
90	22.821	3368	3372	3375	rBV4	209394	366626	3.72%	0.296%
91	22.980	3393	3399	3403	rBV	2304540	3899564	39.60%	3.146%
92	23.027	3403	3407	3410	rVV	1506785	2528044	25.67%	2.039%
93	23.068	3410	3414	3422	rVB	3516947	6025766	61.20%	4.861%
94	23.157	3423	3429	3433	rBV2	1378744	2575489	26.16%	2.078%
95	23.198	3433	3436	3446	rVB	1194354	2160993	21.95%	1.743%
96	23.680	3515	3518	3526	rVB	512457	870294	8.84%	0.702%
97	23.763	3528	3532	3538	rVB5	306099	598442	6.08%	0.483%
98	25.215	3771	3779	3786	rVB2	1453021	3542640	35.98%	2.858%
99	25.845	3878	3886	3896	rVB2	2161993	5632695	57.20%	4.544%
100	28.868	4391	4400	4419	rVB6	981474	4119064	41.83%	3.323%

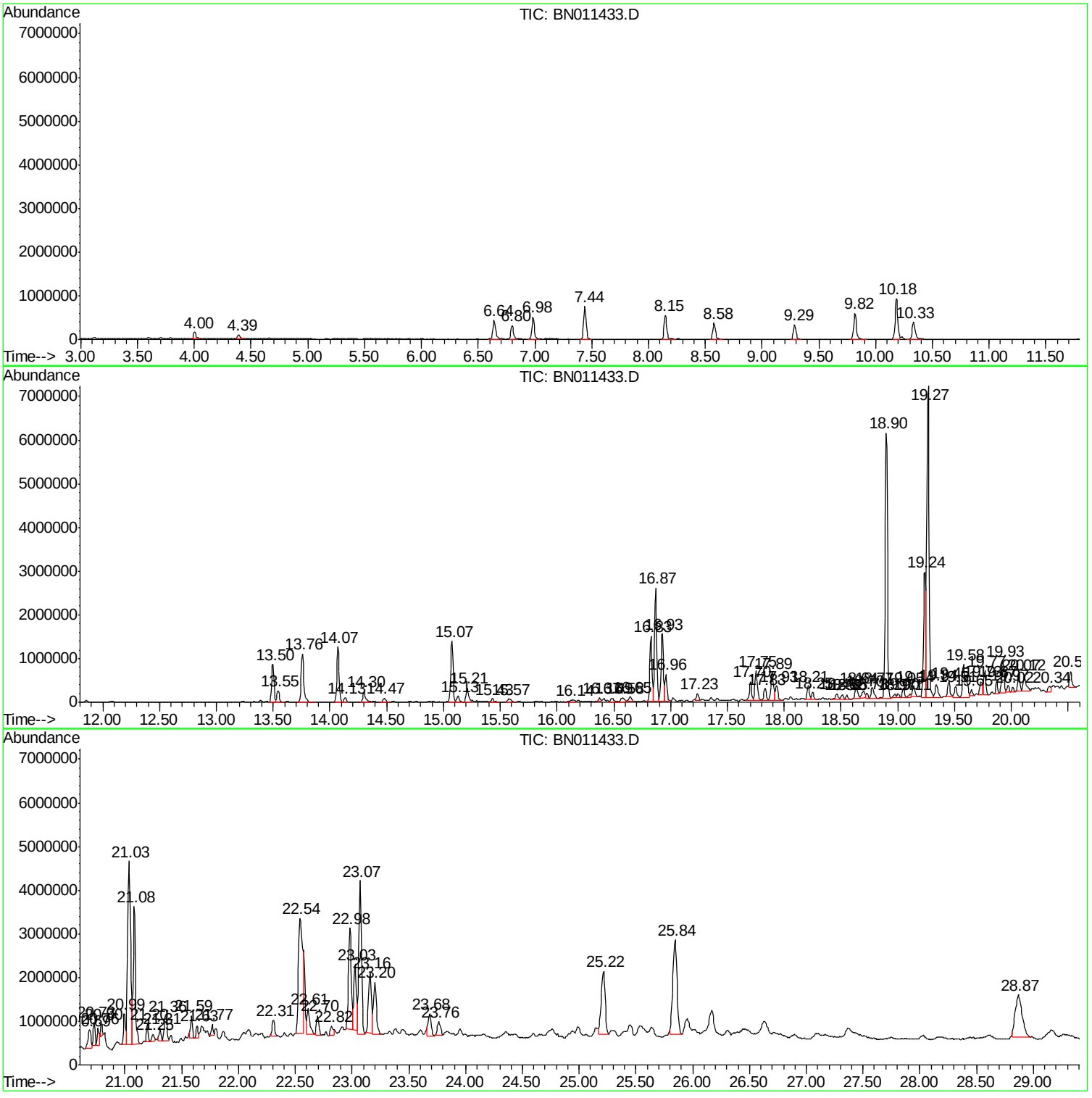
Sum of corrected areas: 123965579

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011433.D
Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFML8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011433.D
Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

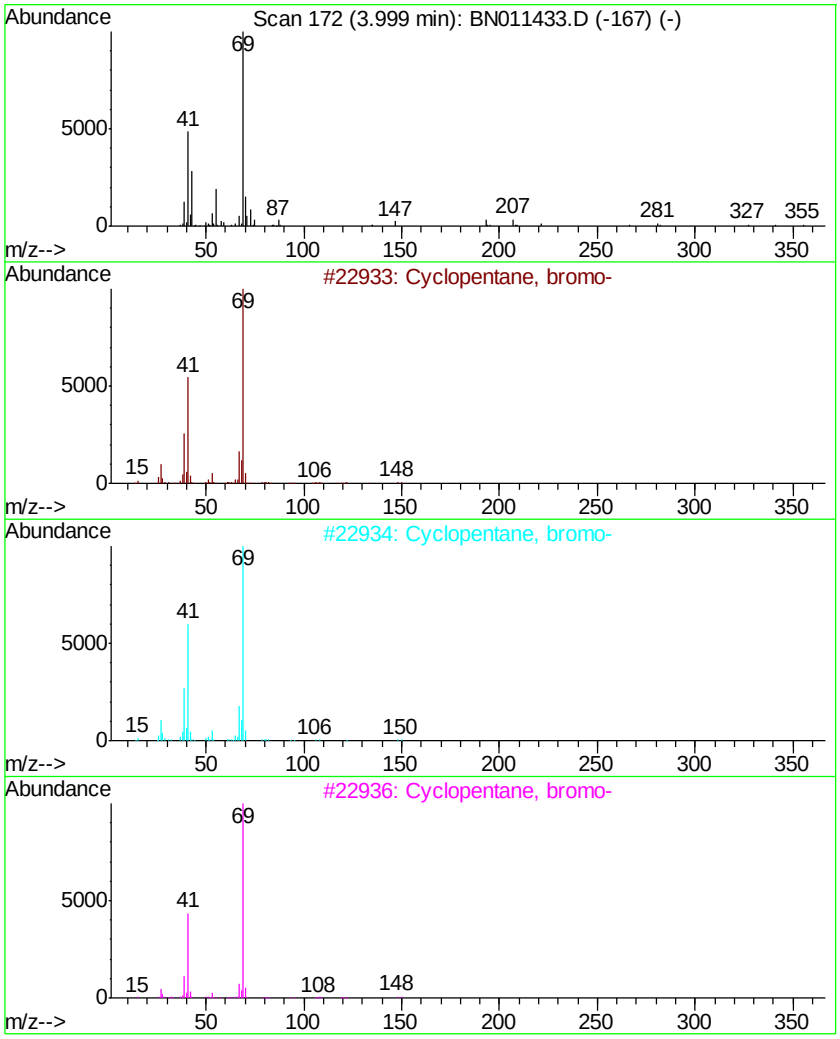
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

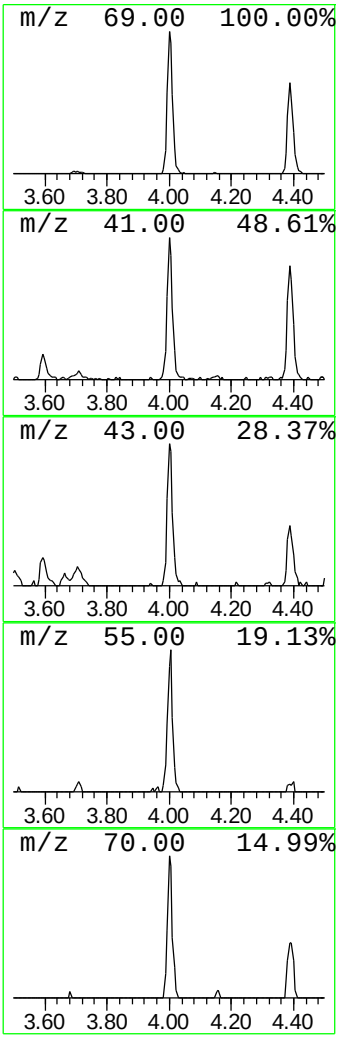
****

Peak Number 1 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	4.26 ng/ul	248445	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	42
2	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	36
3	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	9
4	Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	9
5	1,3,7-Nonatriene-1,1-dicarbonitr...	200	C13H16N2	1000162-13-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011433.D
Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

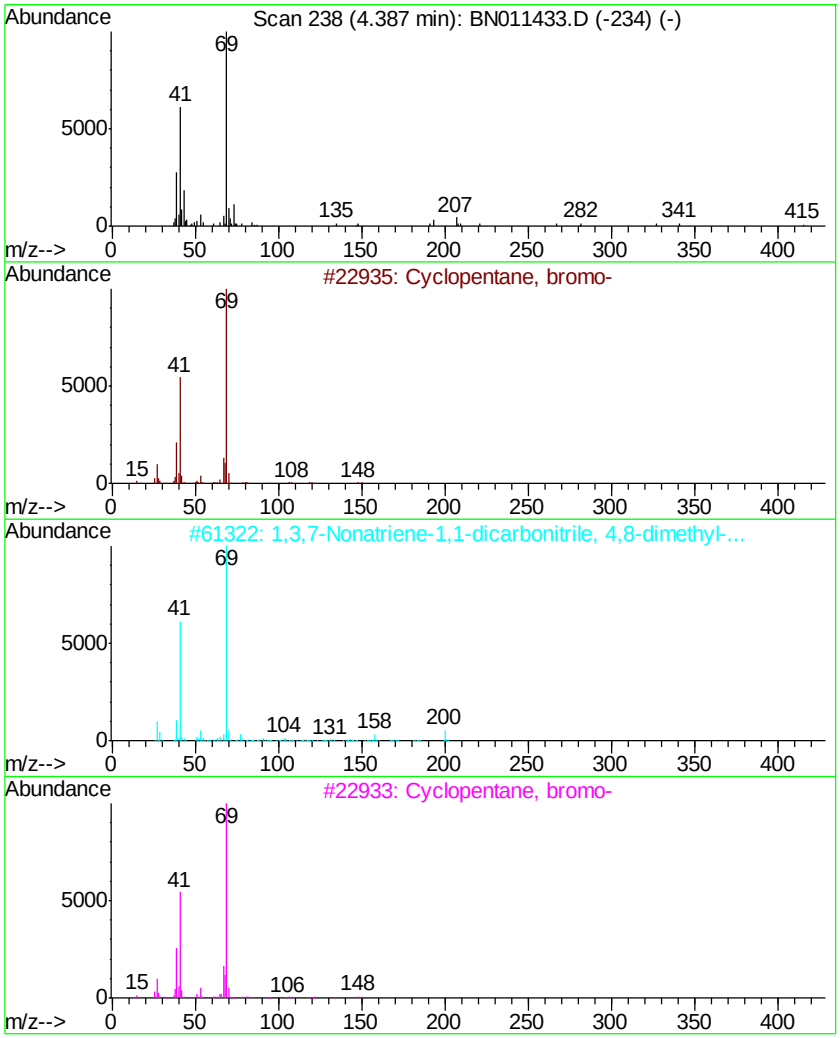
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

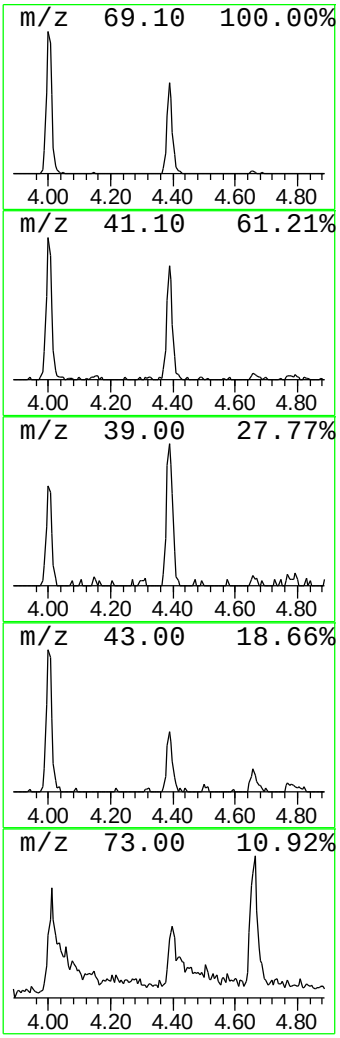
****

Peak Number 2 Cyclopentane, bromo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	2.84 ng/ul	165727	1,4-Dichlorobenzene-d4	7.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	59
2	1,3,7-Nonatriene-1,1-dicarbonitr...	200	C13H16N2	1000162-13-4	59
3	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	59
4	Geranyl nitrile	149	C10H15N	101660-61-1	59
5	1,3,7-Nonatriene-1,1-dicarbonitr...	200	C13H16N2	344401-84-9	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011433.D
Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

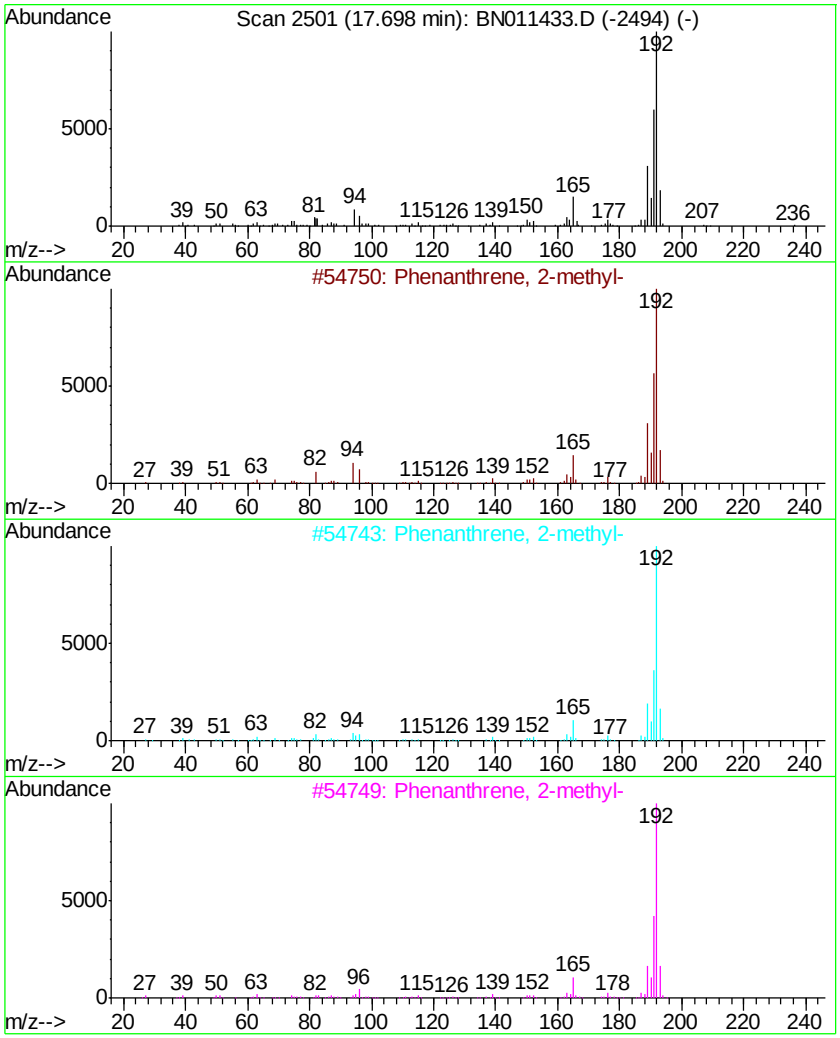
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

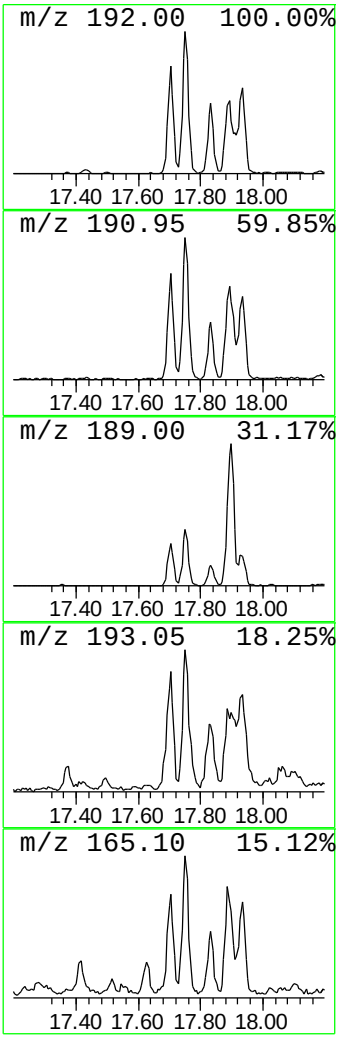
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	5.99 ng/ul	629849	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011433.D
Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

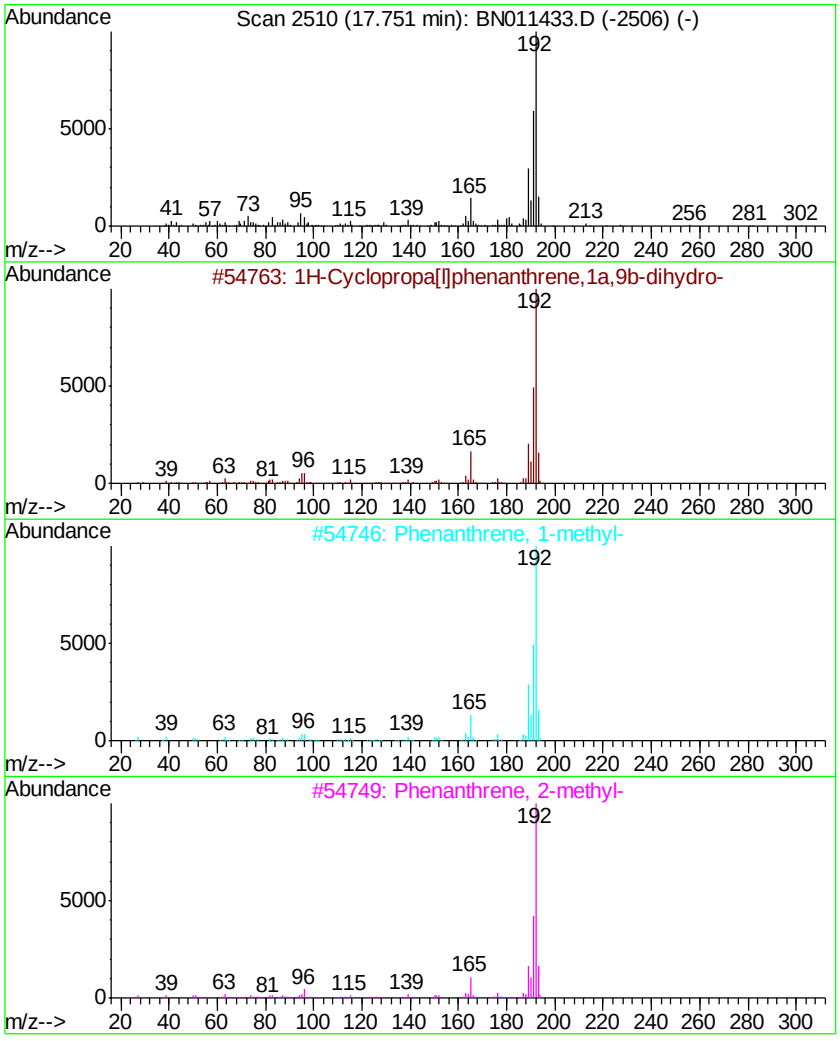
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

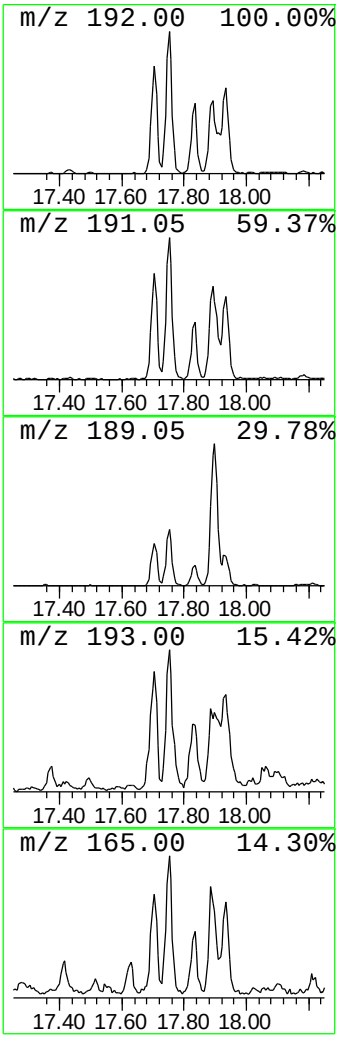
****

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	9.63 ng/ul	1013000	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011433.D
Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

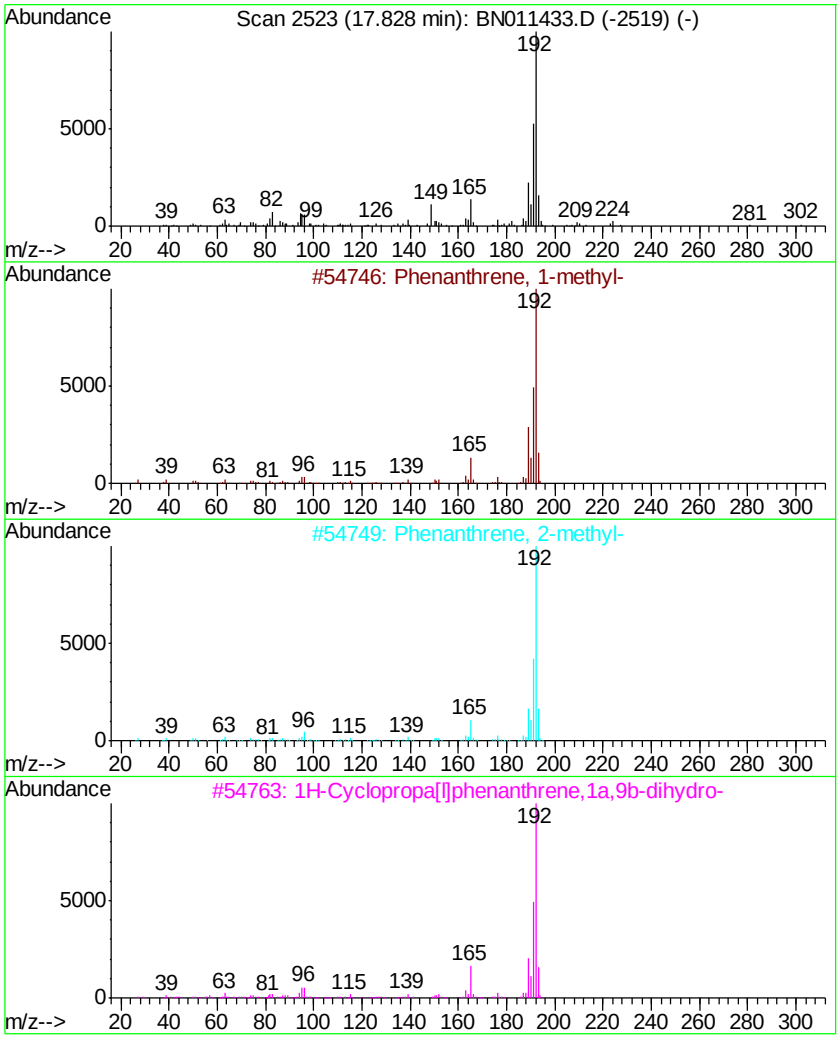
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

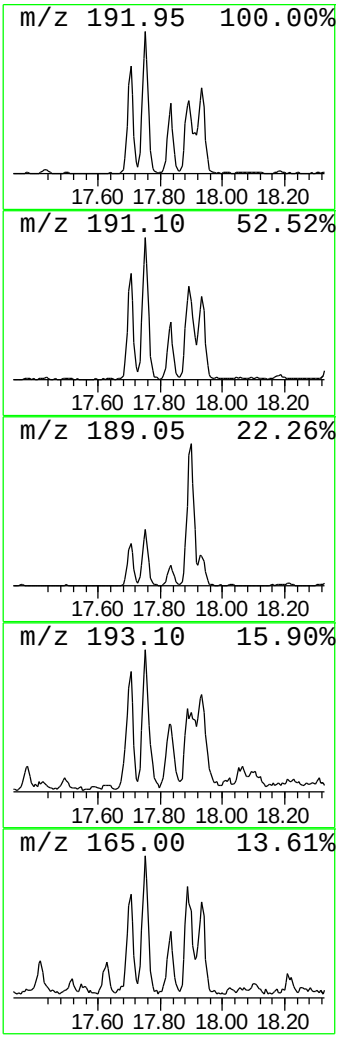
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.46 ng/ul	364574	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

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Quant Title : SVOA CALIBRATION

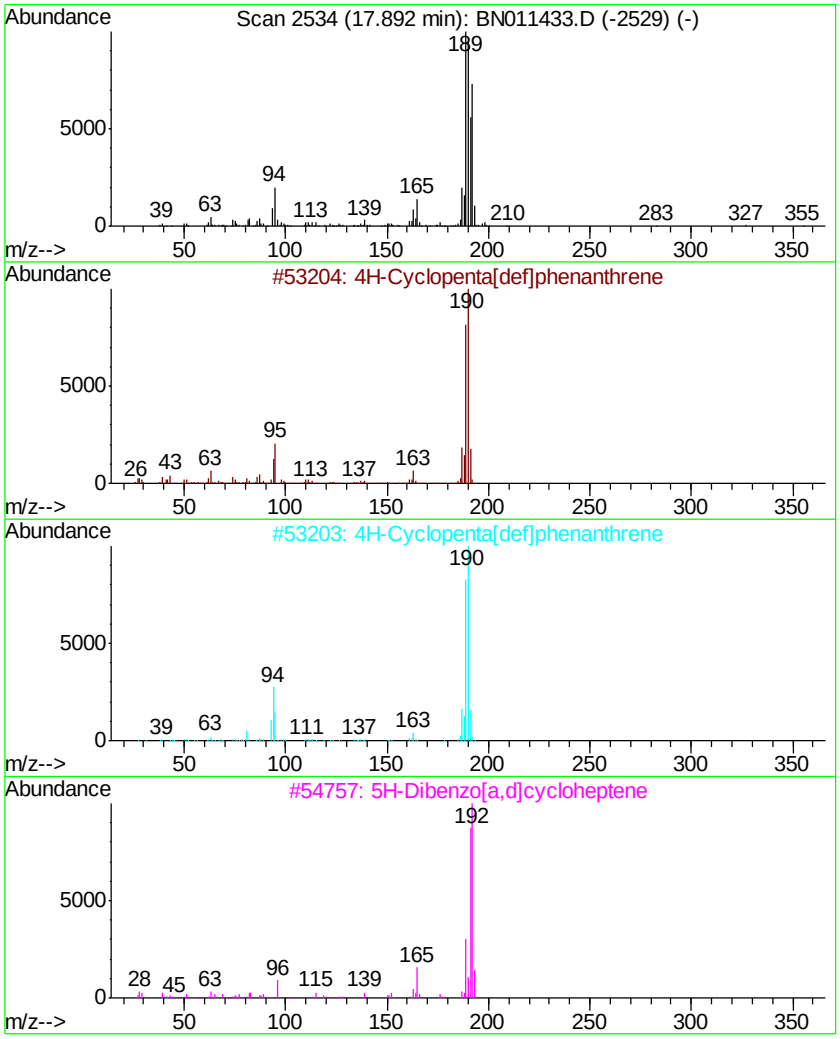
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

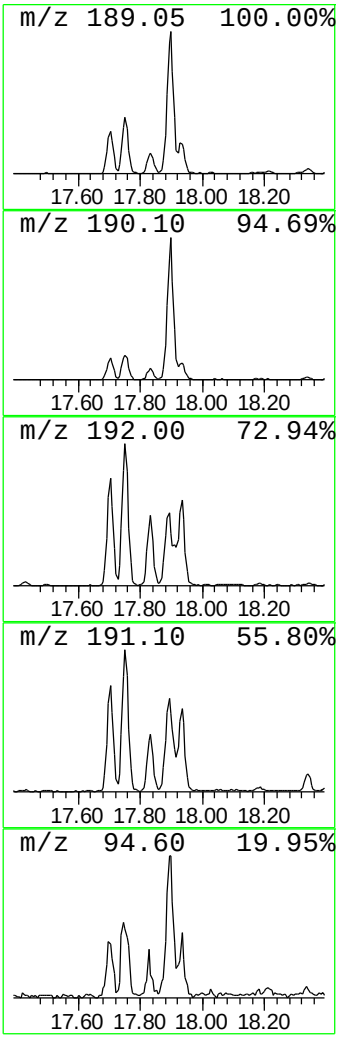
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	10.25 ng/ul	1078870	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	25





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Sample : L3631-02
Misc :
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Instrument : BNA_N
ClientSampleId : BFML8

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Quant Title : SVOA CALIBRATION

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

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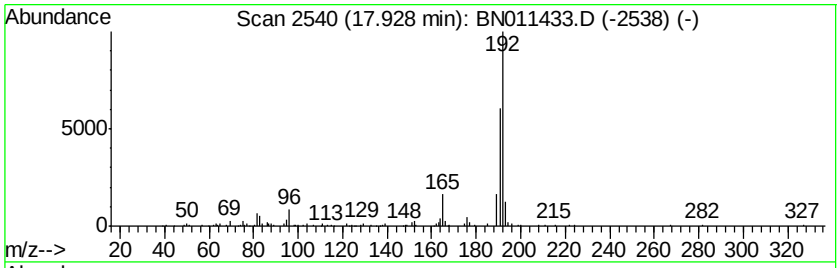
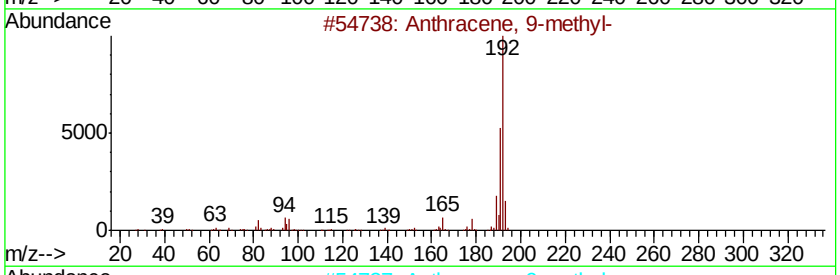
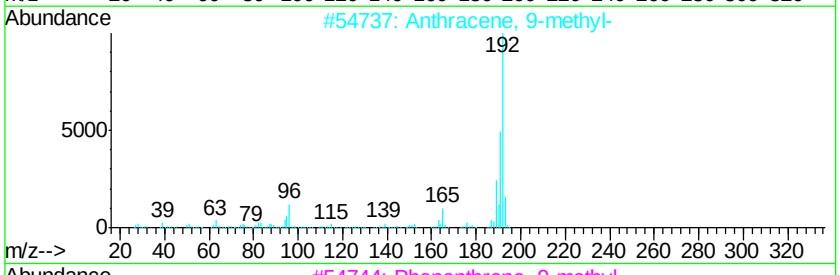
Peak Number 7 Anthracene, 9-methyl- Concentration Rank 8

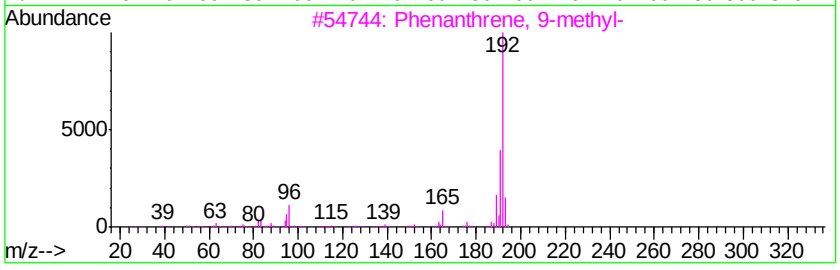
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	4.57 ng/ul	481233	Phenanthrene-d10	16.83

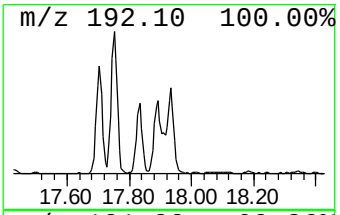
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	74
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74

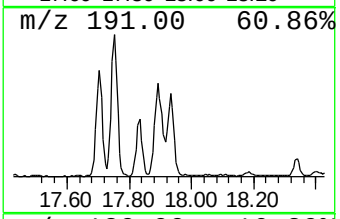


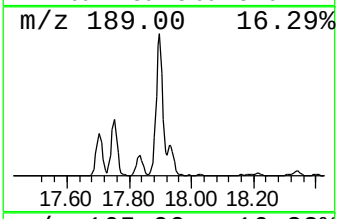


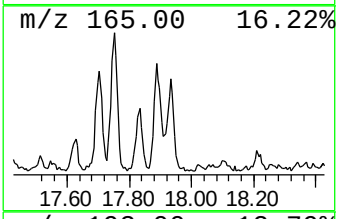


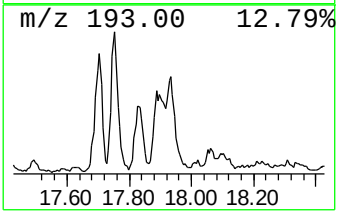












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Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

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Quant Title : SVOA CALIBRATION

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

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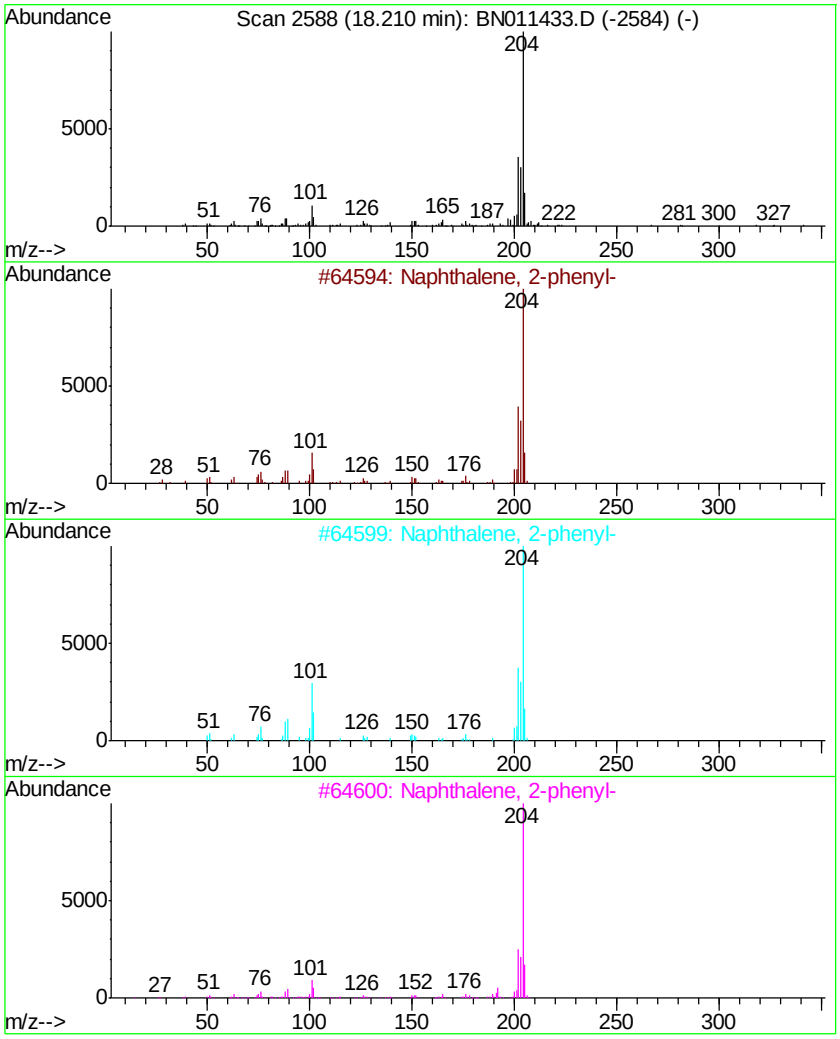
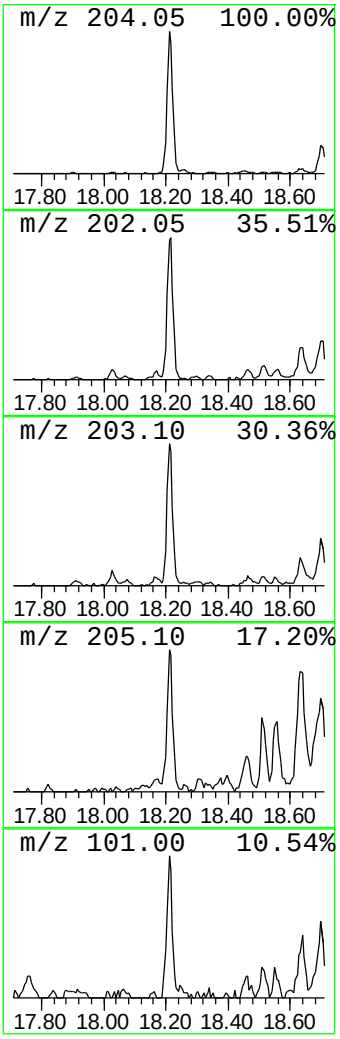
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	4.10 ng/ul	431553	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Misc :
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Quant Title : SVOA CALIBRATION

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

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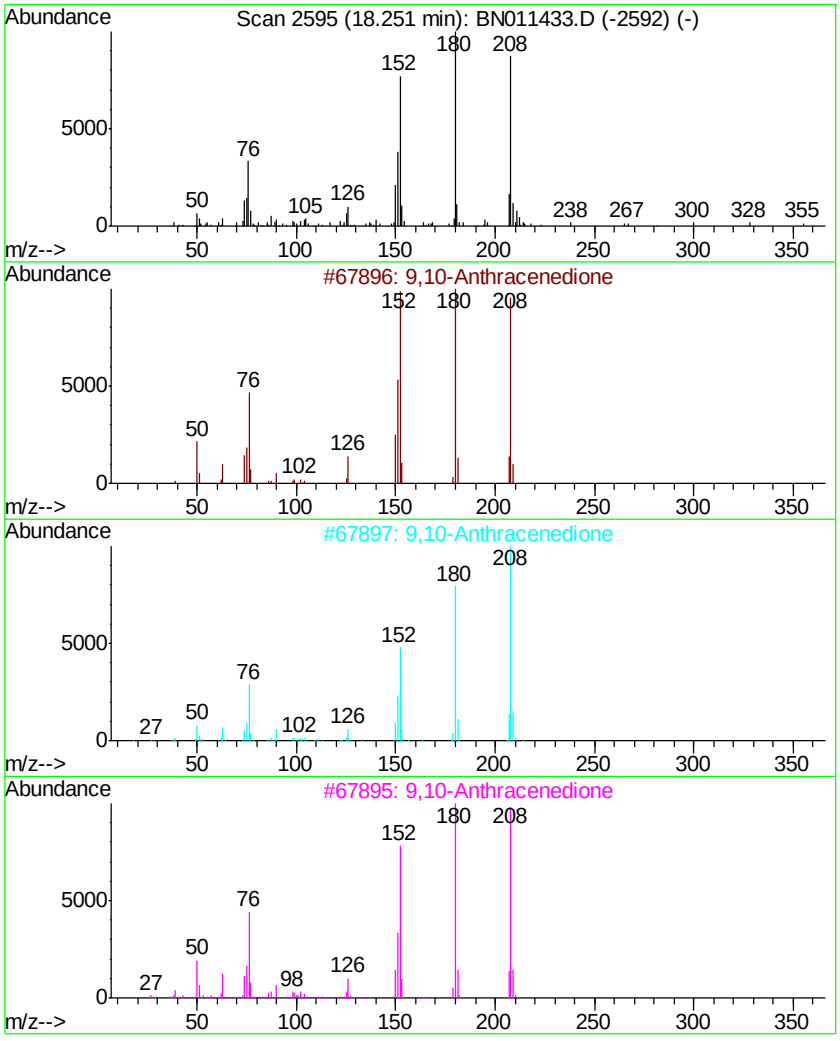
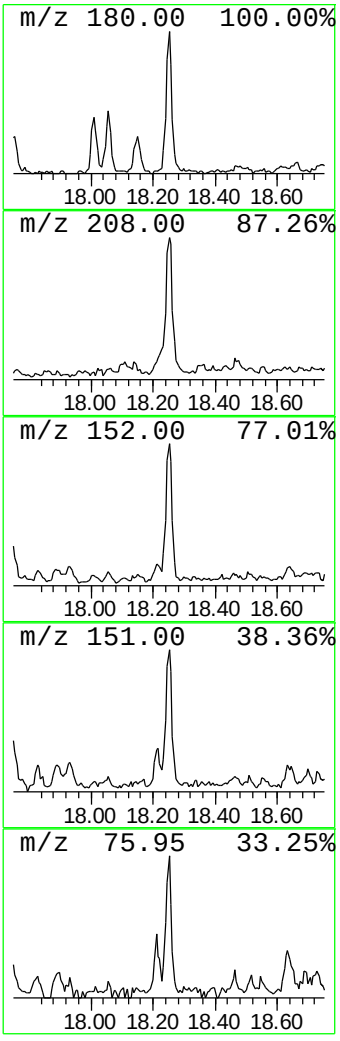
Peak Number 9 9,10-Anthracenedione Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.07 ng/ul	218277	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
4	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	64
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60





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Quant Title : SVOA CALIBRATION

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

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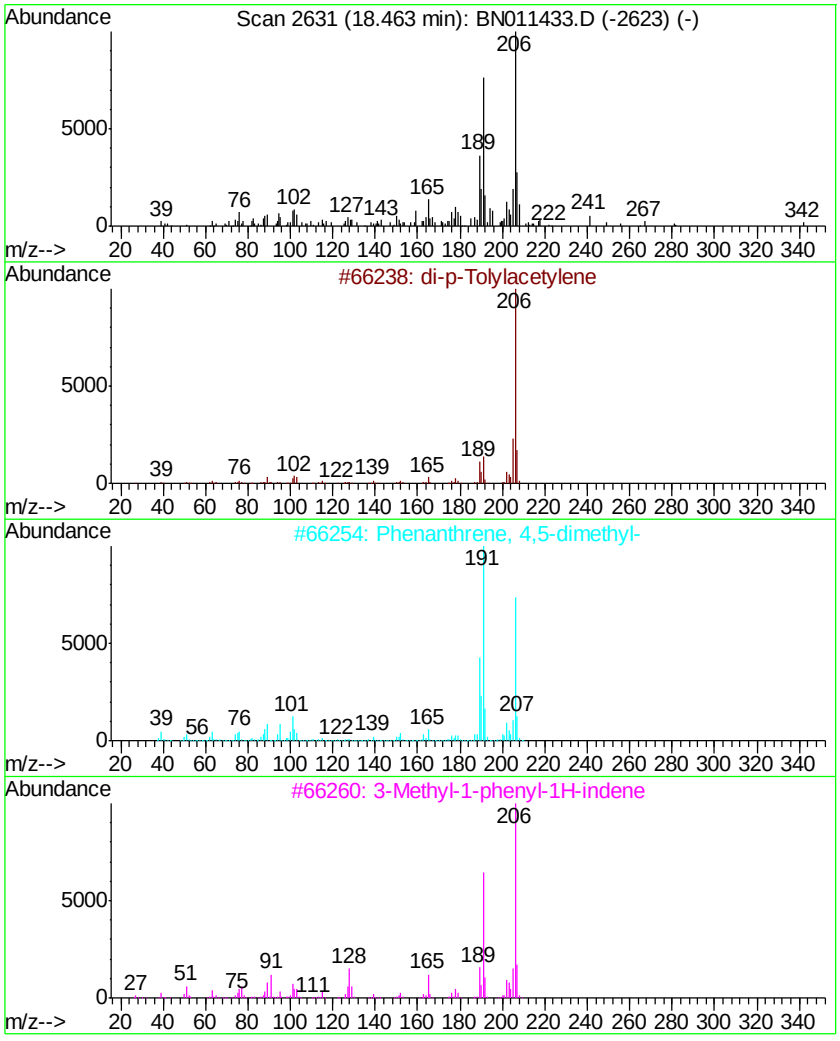
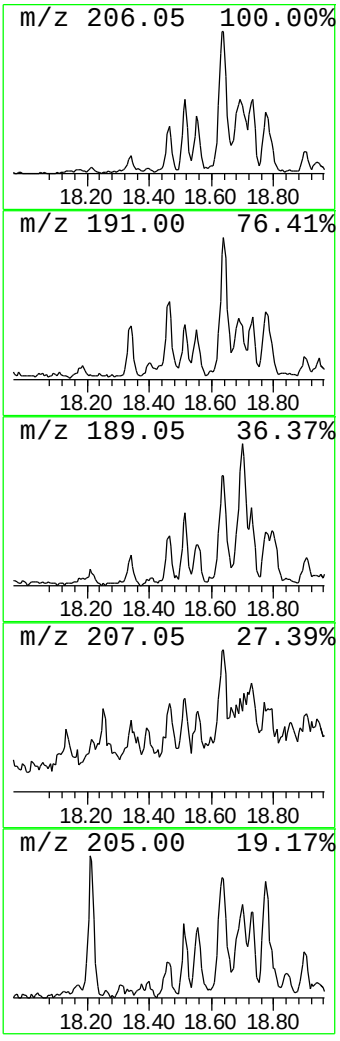
Peak Number 10 di-p-Tolylacetylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.32 ng/ul	243846	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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Quant Title : SVOA CALIBRATION

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

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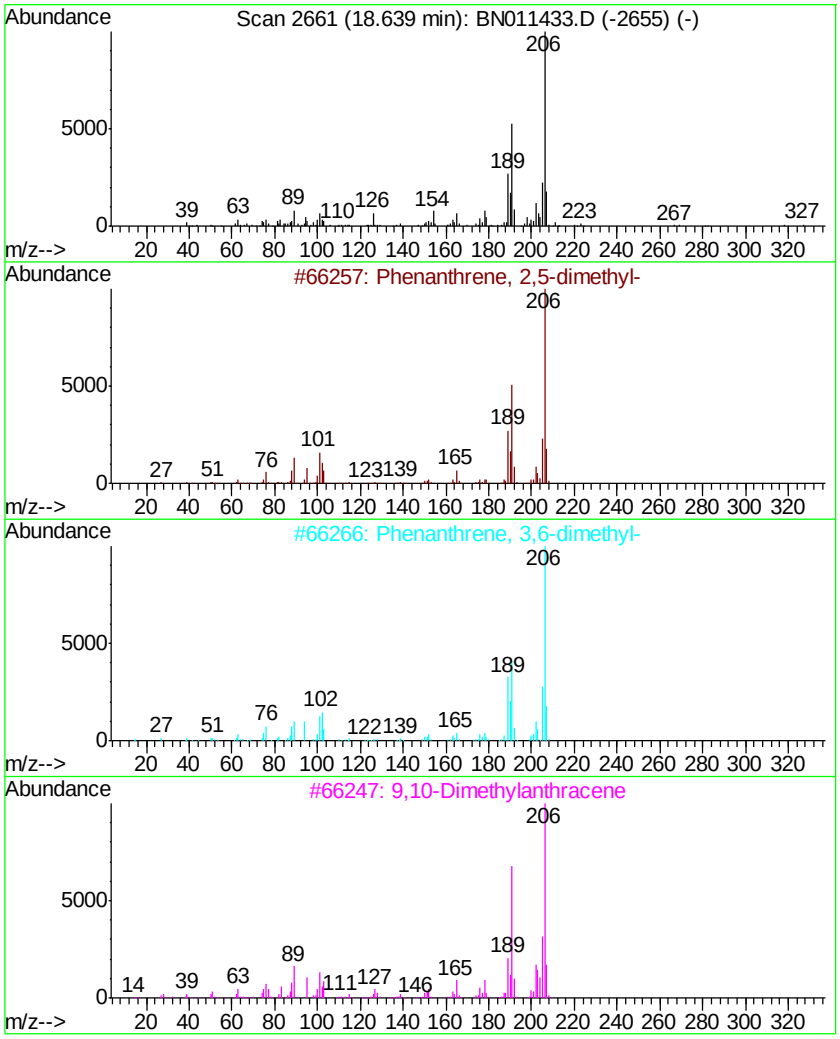
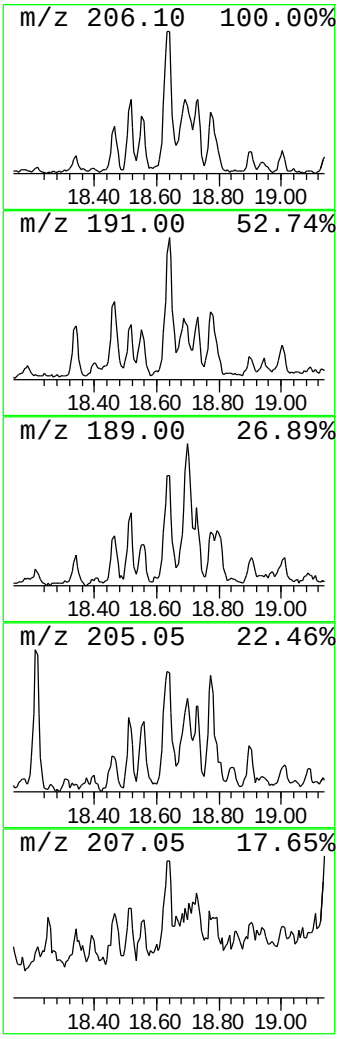
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	4.40 ng/ul	463253	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81





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Quant Title : SVOA CALIBRATION

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

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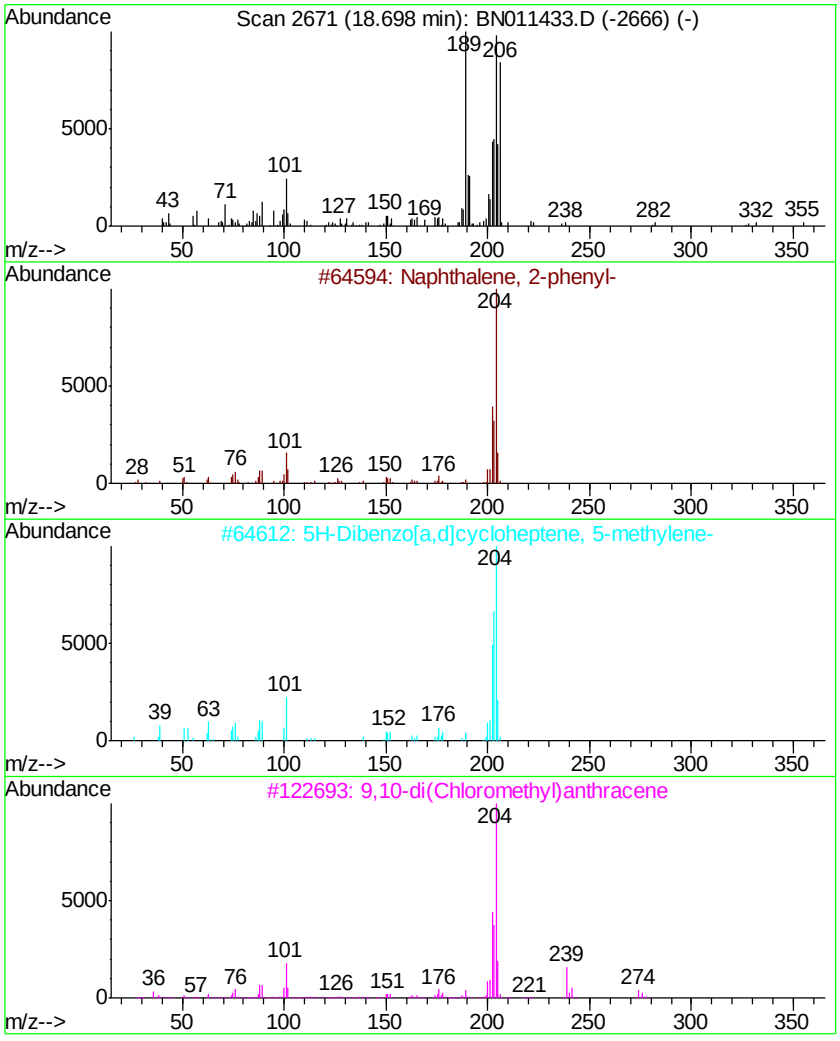
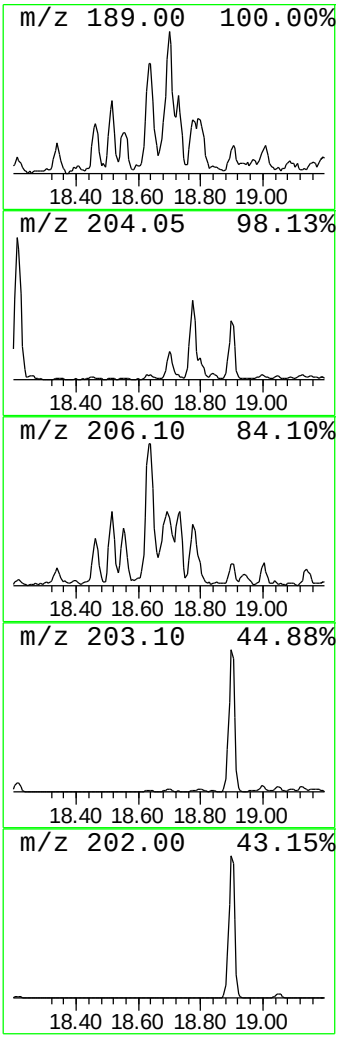
Peak Number 12 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.85 ng/ul	300116	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	30





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Instrument : BNA_N
ClientSampleId : BFML8

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Quant Title : SVOA CALIBRATION

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

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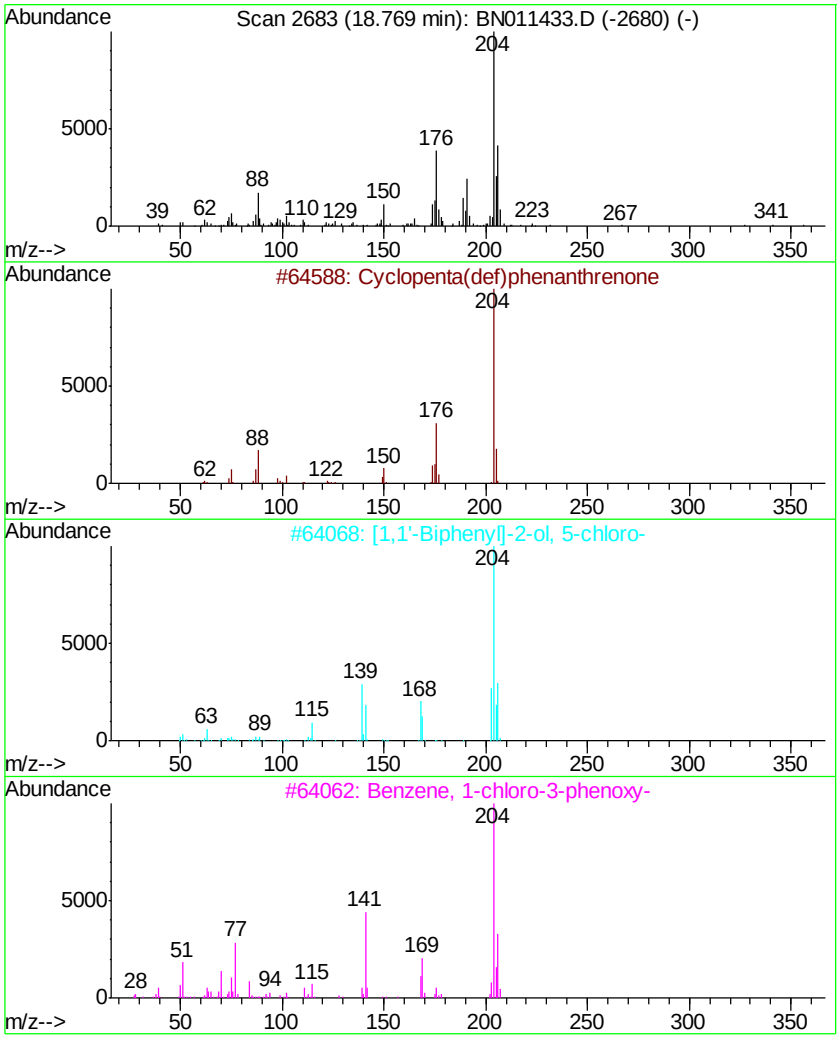
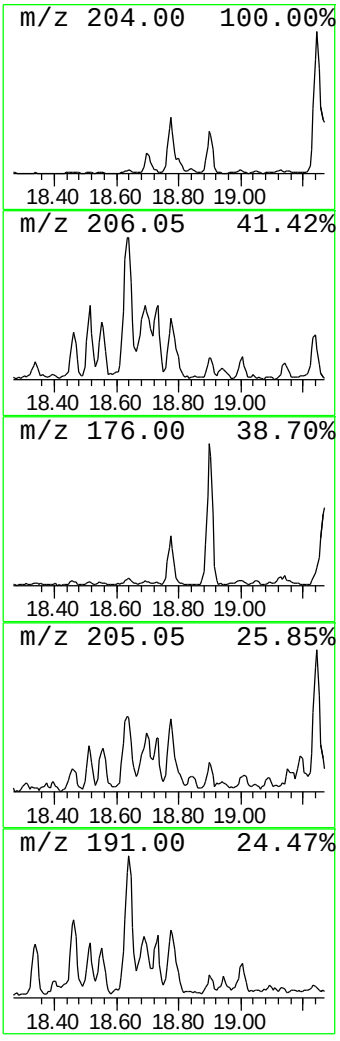
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	4.45 ng/ul	468384	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
3	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43





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Quant Title : SVOA CALIBRATION

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

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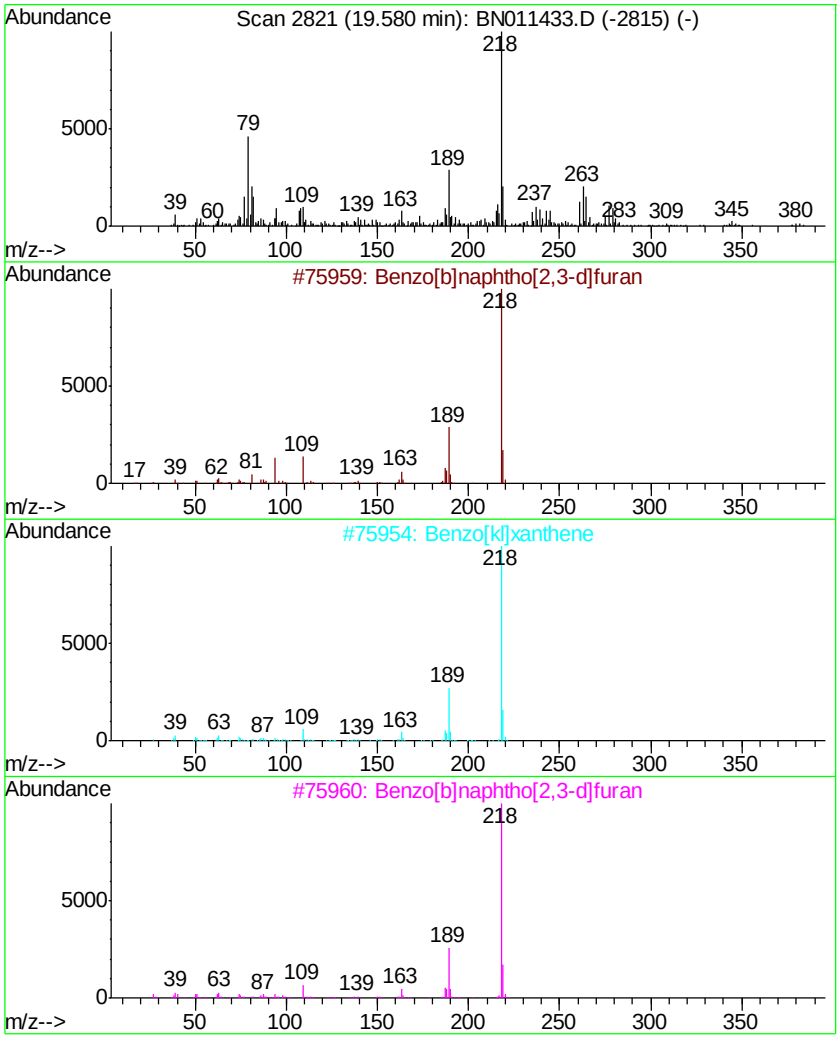
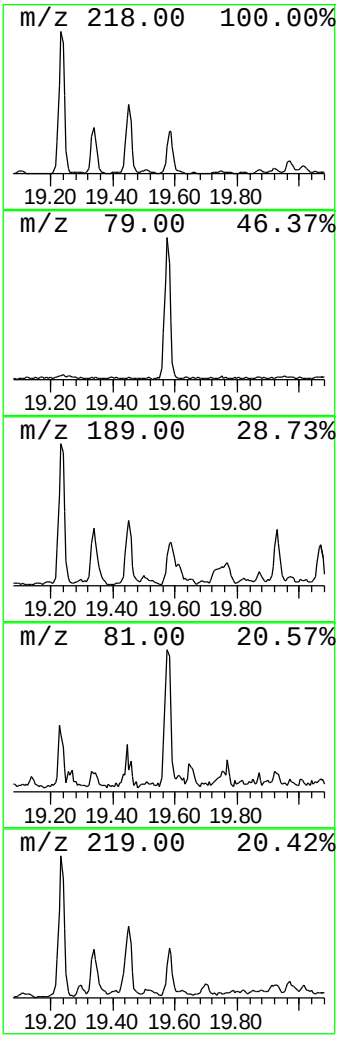
Peak Number 14 Benzo[b]naphtho[2,3-d]furan Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	4.40 ng/ul	1743850	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	87
2	Benzo[kl]xanthene	218	C16H10O	000200-23-7	60
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	60
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	60
5	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	60





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Quant Title : SVOA CALIBRATION

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

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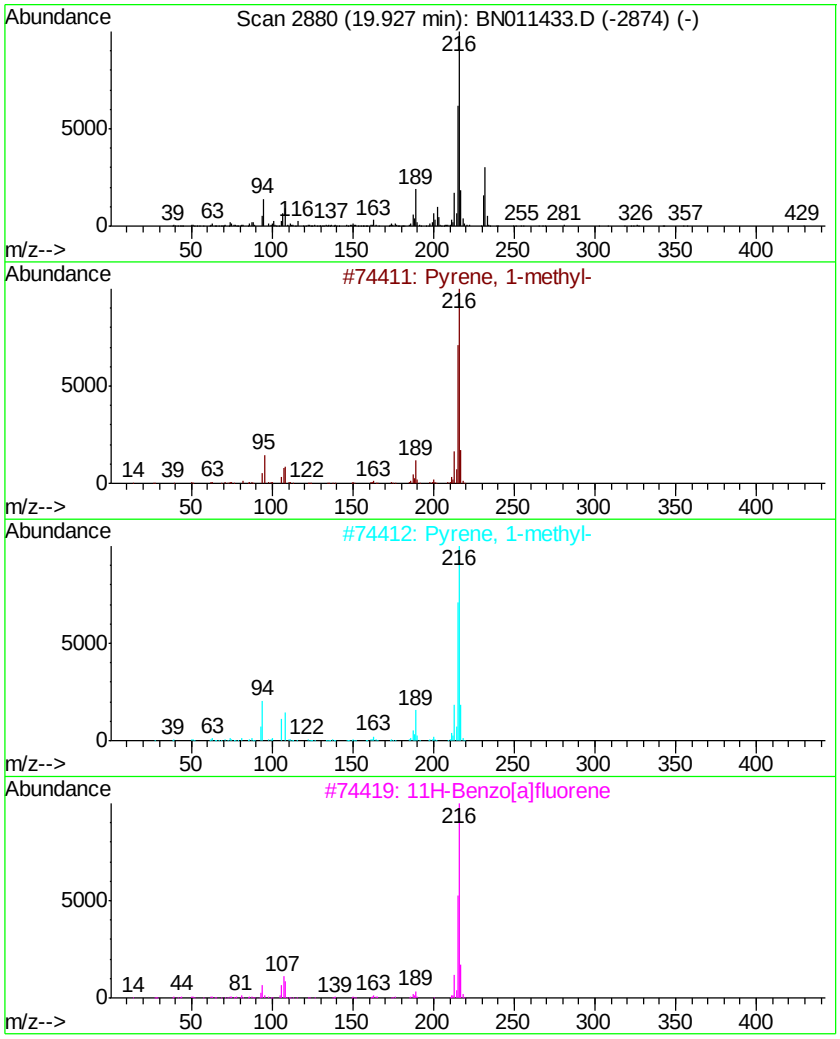
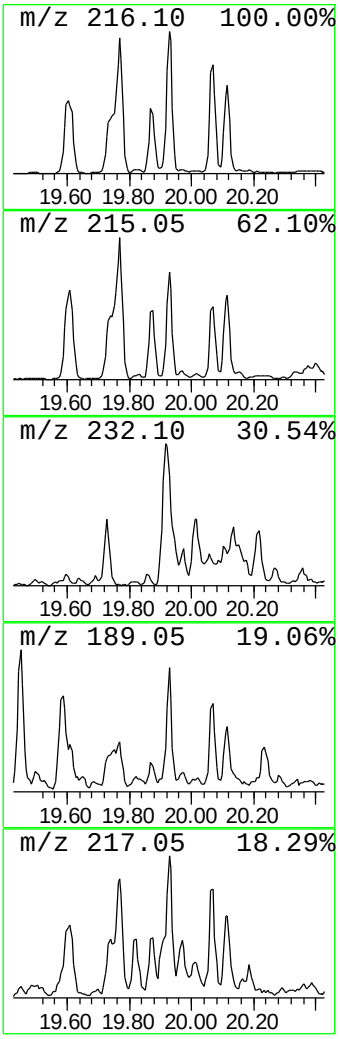
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.82 ng/ul	1117800	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Data File : BN011433.D
Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

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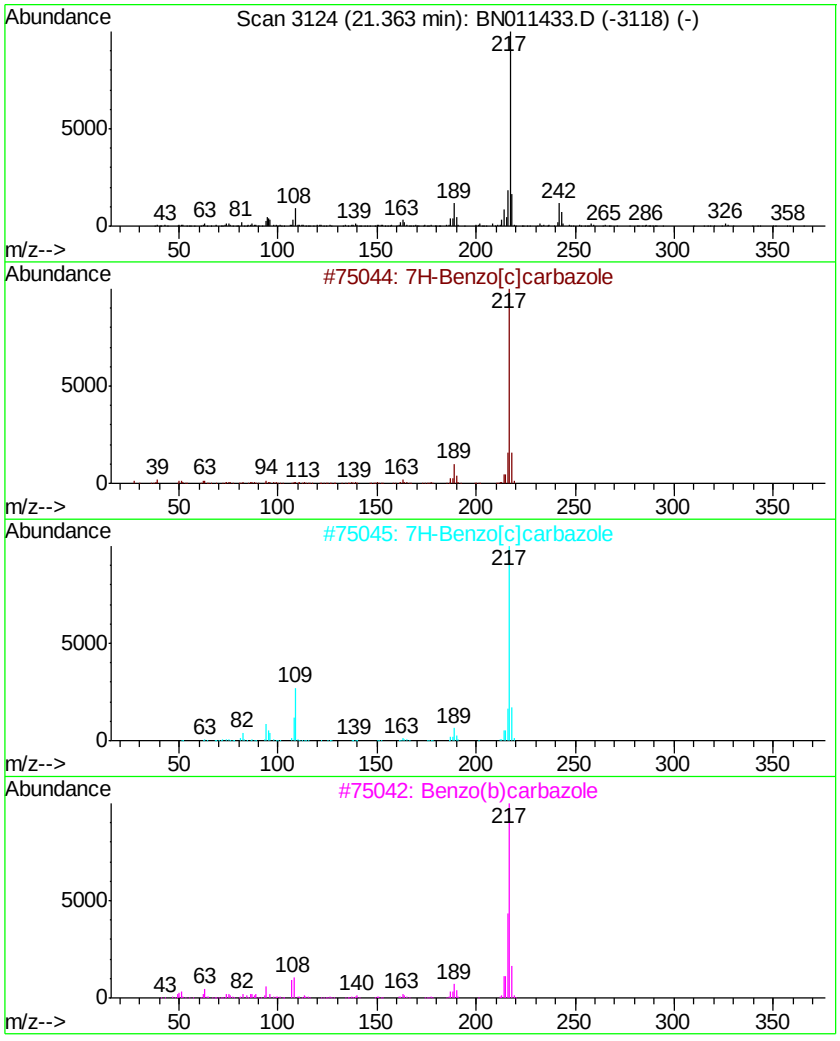
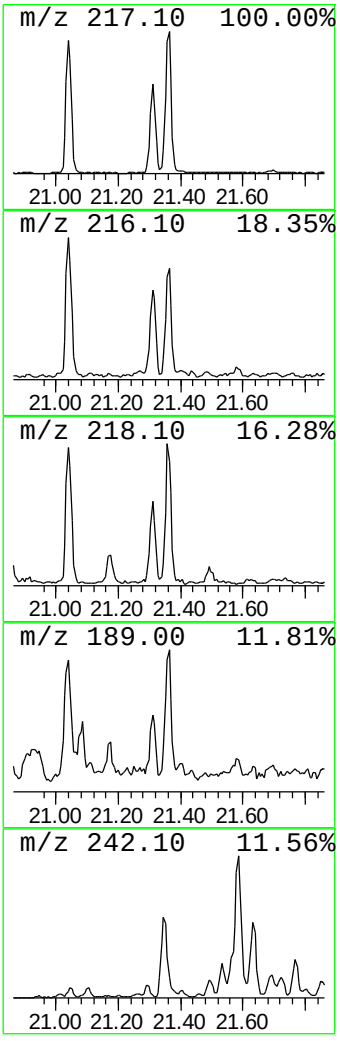
Peak Number 16 7H-Benzo[c]carbazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	2.38 ng/ul	942682	Chrysene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	76
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	74
3	Benzo(b)carbazole	217	C16H11N	000243-28-7	70
4	Benzo(c)carbazole	217	C16H11N	034777-33-8	70
5	3-Fluoranthenamine	217	C16H11N	002693-46-1	68





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Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

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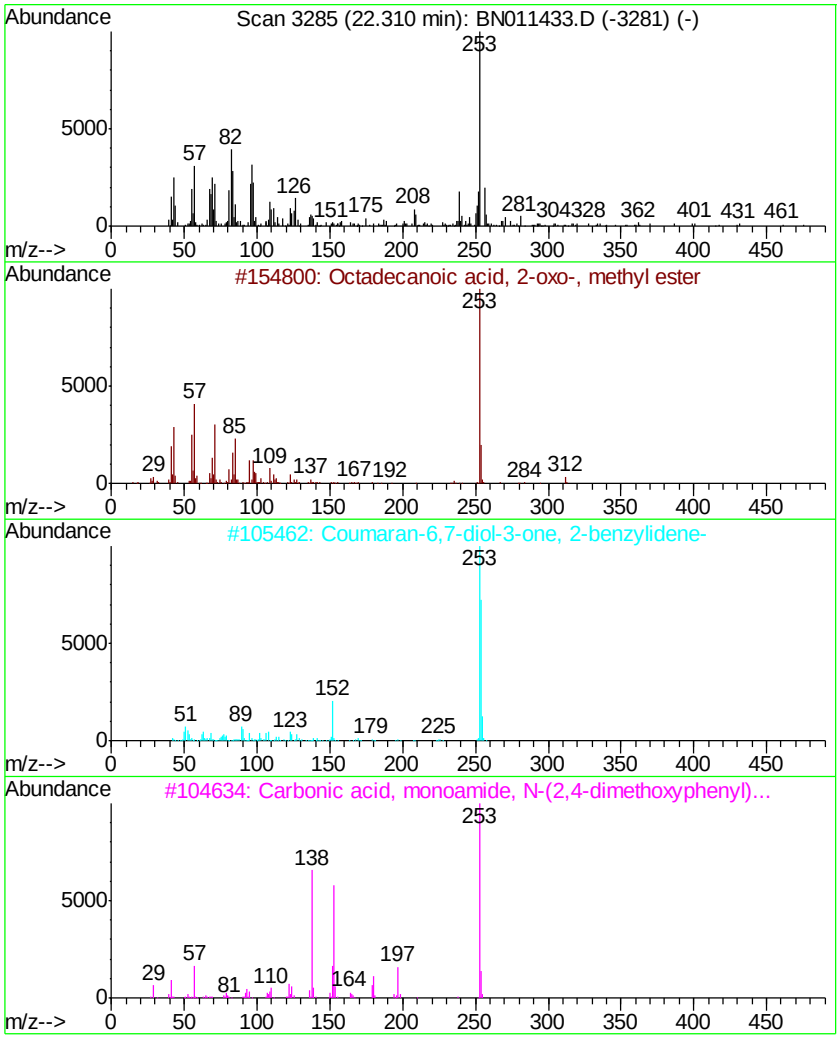
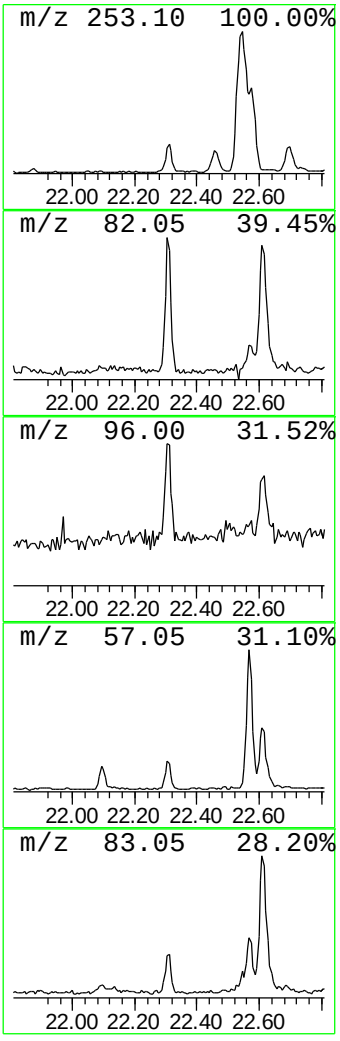
Peak Number 17 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	3.96 ng/ul	510055	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-oxo-, methy...	312	C19H36O3	002380-18-9	17
2	Coumaran-6,7-diol-3-one, 2-benzy...	254	C15H10O4	029813-90-9	10
3	Carbonic acid, monoamide, N-(2,4...	253	C13H19NO4	1000340-20-6	10
4	9-Octadecene, 1,1-dimethoxy-, (Z)-	312	C20H40O2	015677-71-1	10
5	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	9





Library Search Compound Report

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Data File : BN011433.D
Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

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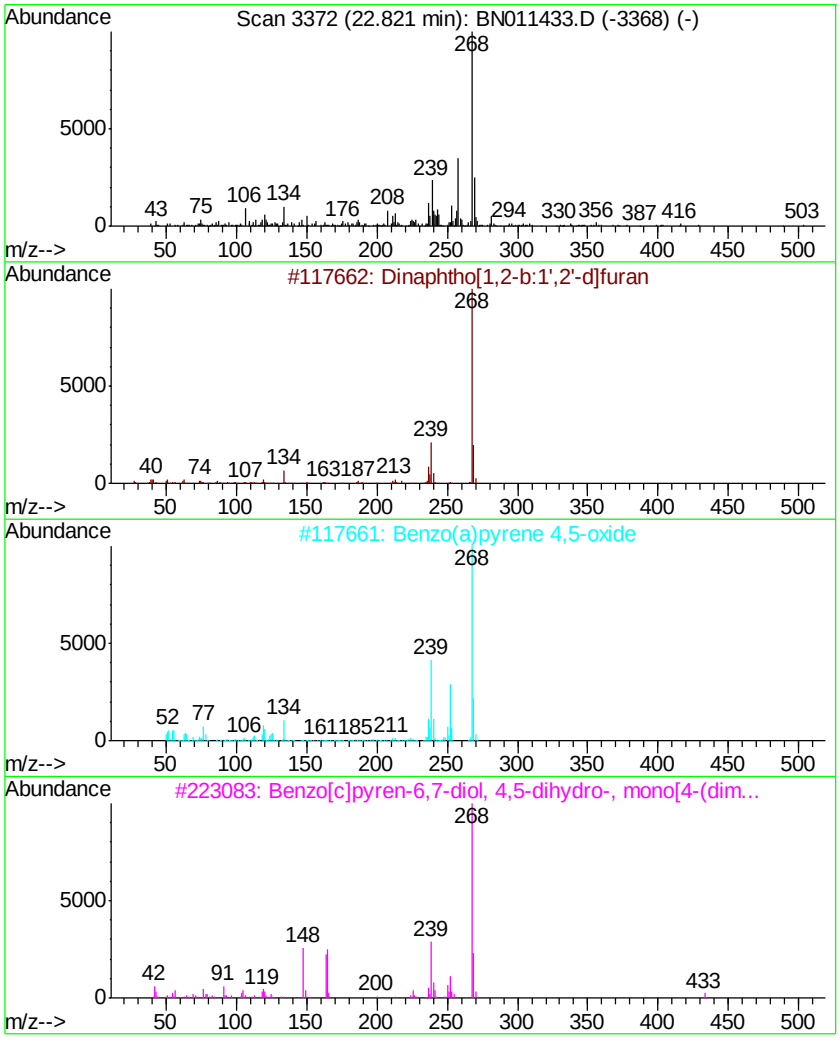
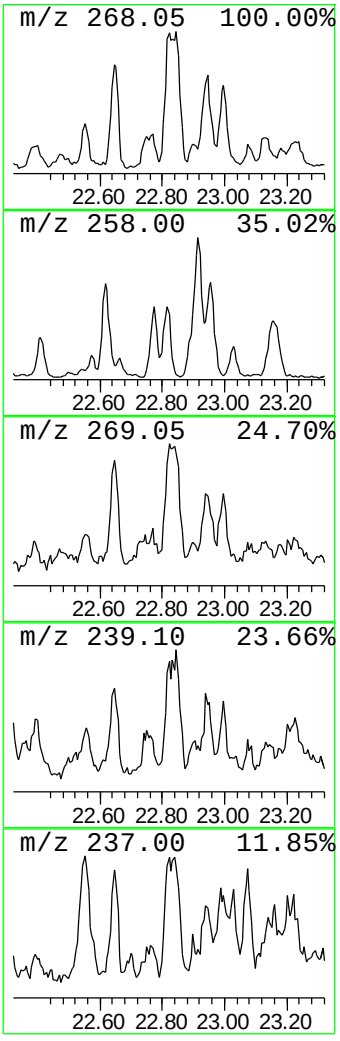
Peak Number 19 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	2.85 ng/ul	366626	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	76
3	Benzo[c]pyren-6,7-diol, 4,5-dihy...	433	C29H23NO3	1000124-59-9	53
4	Phenol, 2-[5-(3-methoxyphenyl)-[...	268	C15H12N2O3	1000303-05-4	50
5	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	50





Library Search Compound Report

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Data File : BN011433.D
Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

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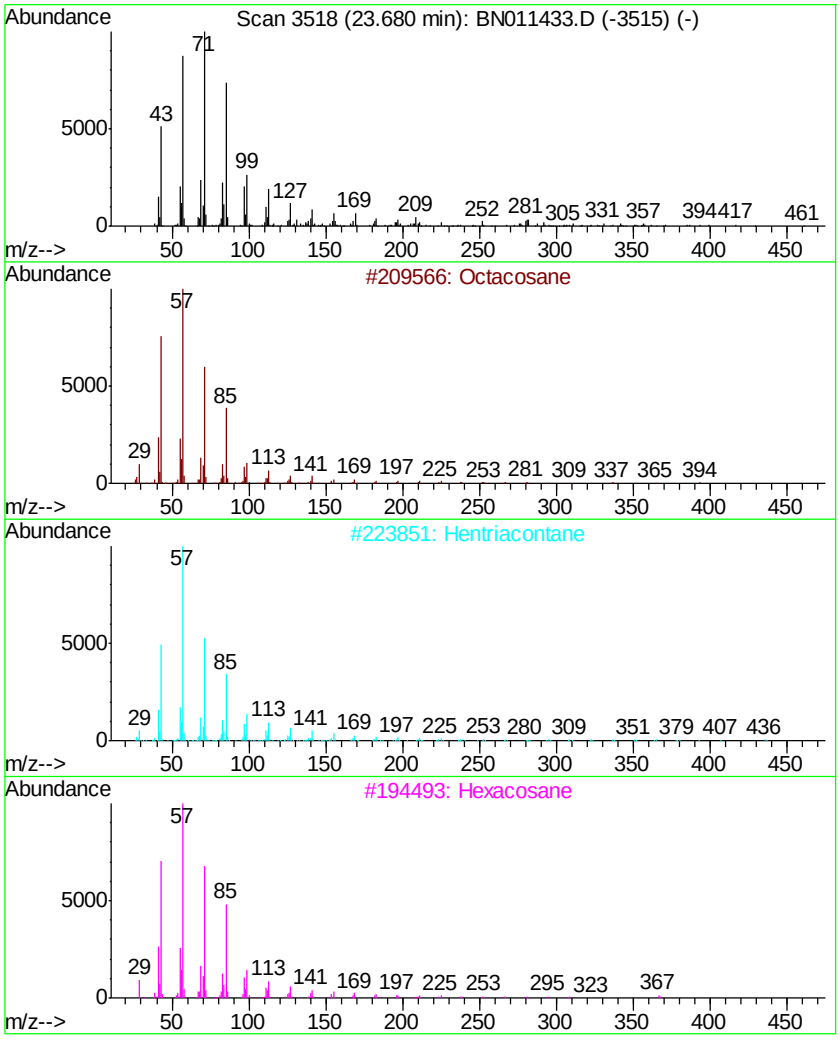
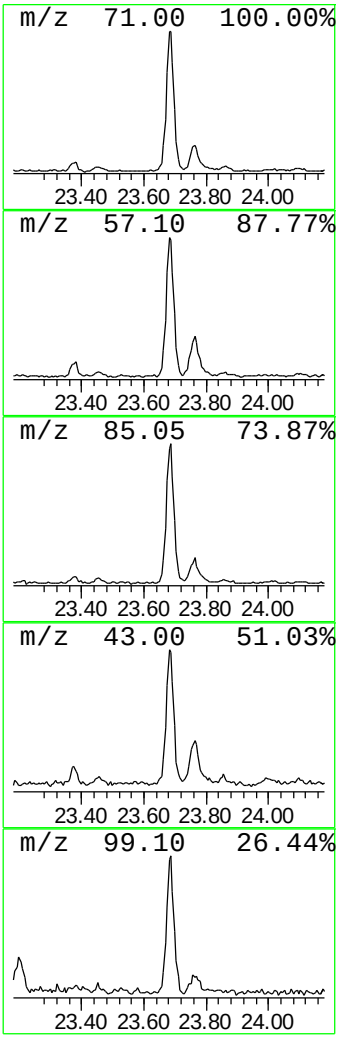
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	6.76 ng/ul	870294	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011433.D
Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

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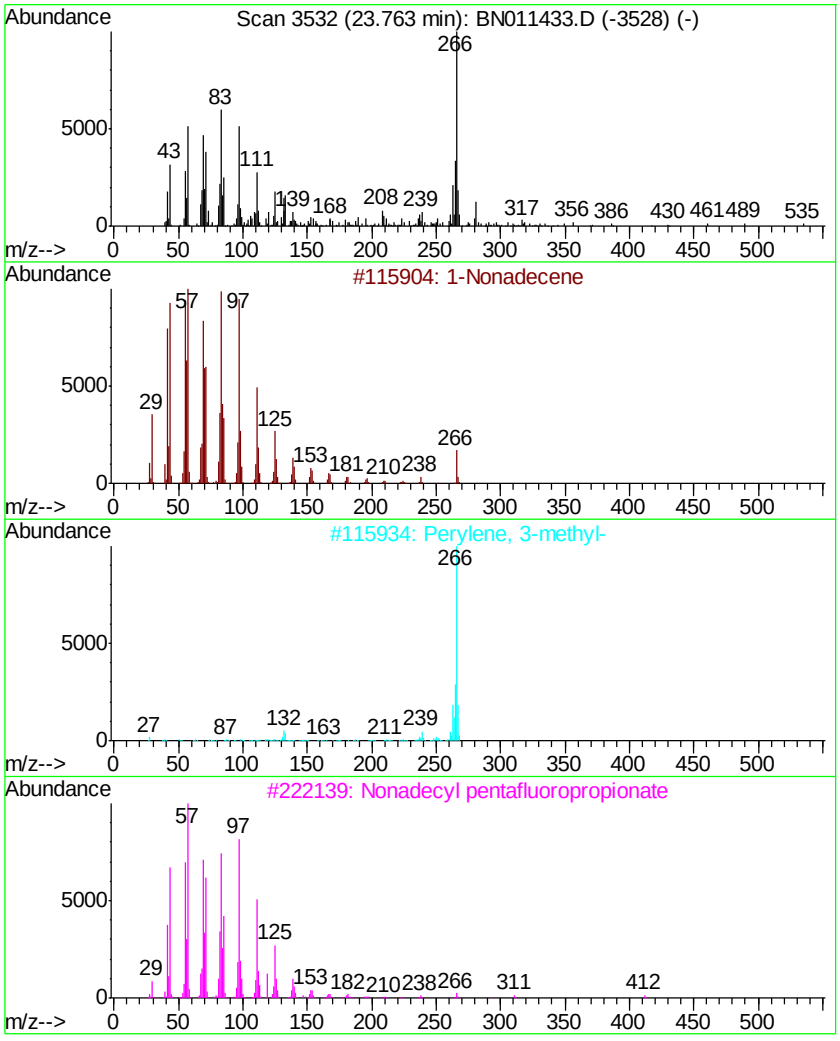
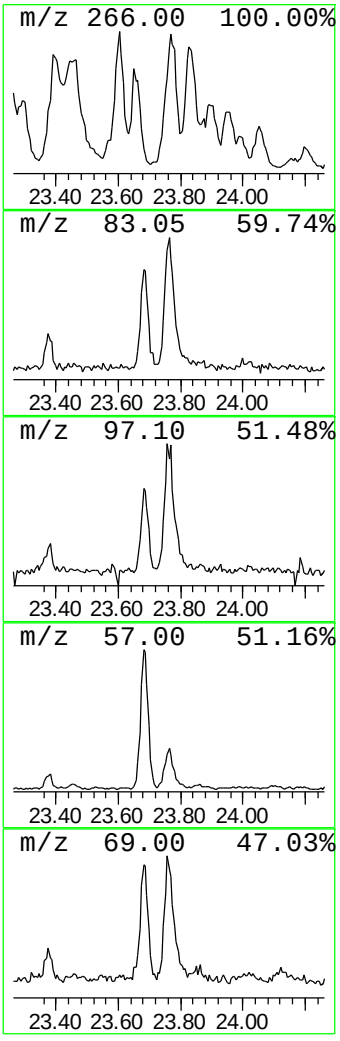
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	4.65 ng/ul	598442	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	47
2	Perylene, 3-methyl-	266	C21H14	024471-47-4	41
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	38
4	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	38
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011433.D
Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

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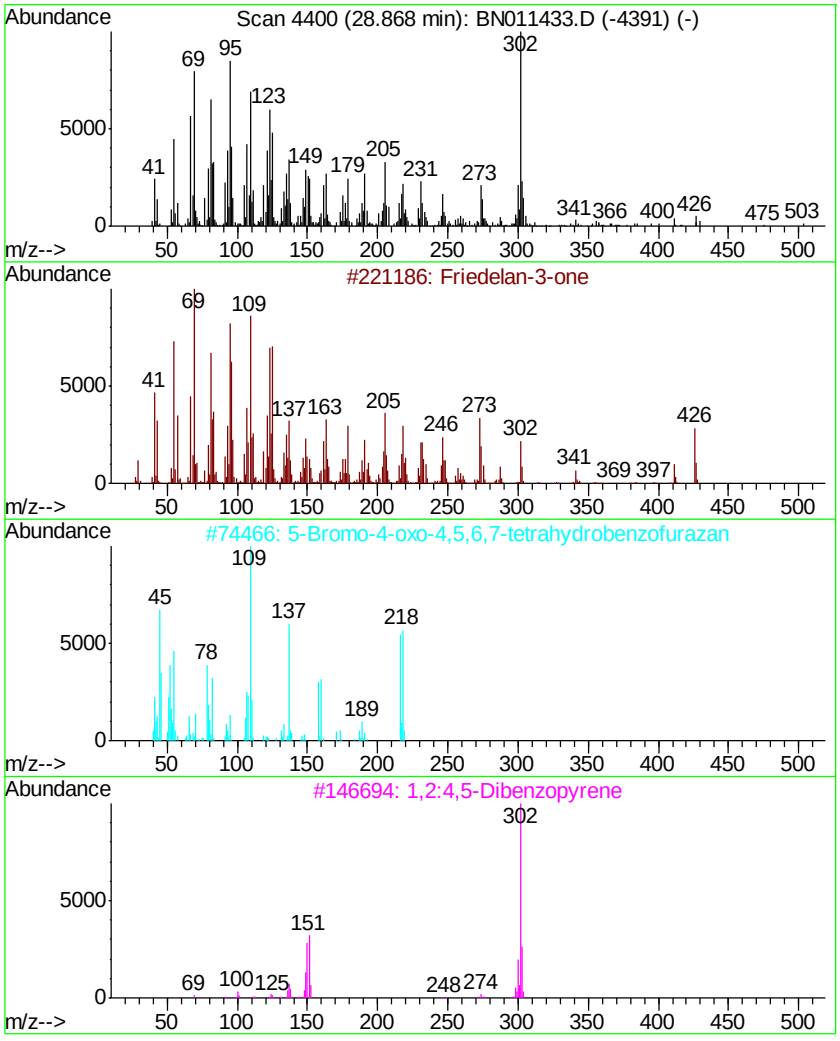
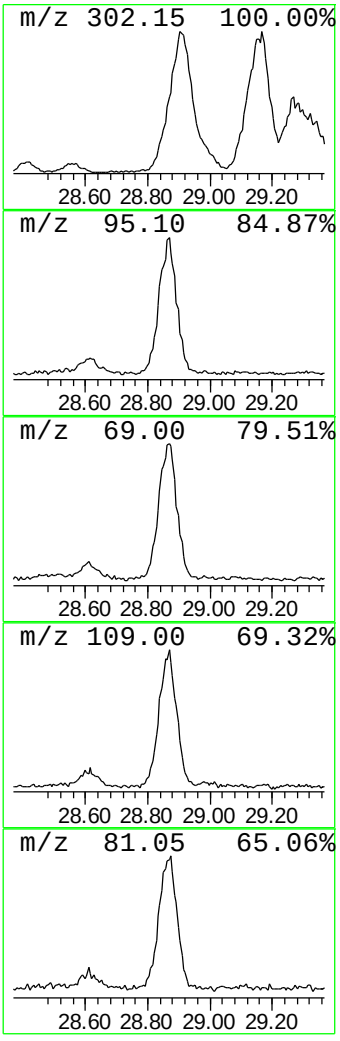
Peak Number 22 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.87	31.99 ng/ul	4119060	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	87
2	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	53
4	Pregn-5-en-3-ol, (3.beta.)-	302	C21H34O	002862-58-0	42
5	Androst-4-ene-3,17-dione, 15-hyd...	302	C19H26O3	000566-08-5	38





Tentatively Identified Compound (LSC) summary

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Acq On : 14 Aug 2020 19:24
Operator : CG/JU
Sample : L3631-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFML8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.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
unknown-01	4.00	4.3	ng/ul	248445	1	7.44	1166620	20.0
Cyclopentane, bromo-	4.39	2.8	ng/ul	165727	1	7.44	1166620	20.0
Phenanthrene, 2-m...	17.70	6.0	ng/ul	629849	4	16.83	2104640	20.0
1H-Cyclopropa[l]p...	17.75	9.6	ng/ul	1013000	4	16.83	2104640	20.0
Phenanthrene, 1-m...	17.83	3.5	ng/ul	364574	4	16.83	2104640	20.0
4H-Cyclopenta[def...	17.89	10.3	ng/ul	1078870	4	16.83	2104640	20.0
Anthracene, 9-met...	17.93	4.6	ng/ul	481233	4	16.83	2104640	20.0
Naphthalene, 2-ph...	18.21	4.1	ng/ul	431553	4	16.83	2104640	20.0
9,10-Anthracenedione	18.25	2.1	ng/ul	218277	4	16.83	2104640	20.0
di-p-Tolylacetylene	18.46	2.3	ng/ul	243846	4	16.83	2104640	20.0
Phenanthrene, 2,5...	18.64	4.4	ng/ul	463253	4	16.83	2104640	20.0
unknown-02	18.70	2.9	ng/ul	300116	4	16.83	2104640	20.0
Cyclopenta(def)ph...	18.77	4.5	ng/ul	468384	4	16.83	2104640	20.0
Benzo[b]naphtho[2...	19.58	4.4	ng/ul	1743850	5	21.05	7918870	20.0
Pyrene, 1-methyl-	19.93	2.8	ng/ul	1117800	5	21.05	7918870	20.0
7H-Benzo[c]carbazole	21.36	2.4	ng/ul	942682	5	21.05	7918870	20.0
unknown-03	22.31	4.0	ng/ul	510055	6	23.16	2575490	20.0
Dinaphtho[1,2-b:1...	22.82	2.9	ng/ul	366626	6	23.16	2575490	20.0
(DEL) Alkane: Str...	23.68	6.8	ng/ul	870294	6	23.16	2575490	20.0
(DEL) Alkane: Str...	23.76	4.7	ng/ul	598442	6	23.16	2575490	20.0
5-Bromo-4-oxo-4,5...	28.87	32.0	ng/ul	4119060	6	23.16	2575490	20.0