LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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	3.593	99	103	110	rBV	71006	100320	2.20%	0.152%
2	6.640	613	621	636	rBV2	428838	771731	16.91%	1.168%
3	6.799	641	648	657	rBV	374313	592176	12.97%	0.896%
4	6.981	673	679	687	rBV	524839	810887	17.77%	1.228%
5	7.440	751	757	764	rBV	682605	1024096	22.44%	1.550%
6	8.146	872	877	887	rBV	512130	829520	18.17%	1.256%
7	8.575	942	950	961	rBV	443348	719053	15.75%	1.089%
8	9.287	1063	1071	1080	rBV	390268	647335	14.18%	0.980%
9	9.816	1154	1161	1173	rBV	570006	973389	21.33%	1.474%
10	10.181	1212	1223	1230	rBV	980695	1602701	35.12%	2.426%
11	10.334	1240	1249	1269	rBV	401850	789099	17.29%	1.195%
12	13.334	1754	1759	1763	rVV2	63289	92746	2.03%	0.140%
13	13.386	1763	1768	1773	rVV4	37289	69640	1.53%	0.105%
14	13.492	1781	1786	1791	rVV	1047873	1513312	33.16%	2.291%
15	13.545	1791	1795	1800	rVV	245867	362669	7.95%	0.549%
16	13.757	1824	1831	1845	rVV	1249742	2076931	45.51%	3.144%
17	14.069	1878	1884	1891	rBV2	1460594	2108395	46.20%	3.192%
18	14.298	1916	1923	1934	rBV	336196	604027	13.23%	0.914%
19	14.481	1945	1954	1958	rBV2	41614	76415	1.67%	0.116%
20	14.698	1985	1991	1997	rBV4	27406	52741	1.16%	0.080%
21	15.075	2049	2055	2061	rVV	1549103	2161409	47.36%	3.272%
22	15.128	2061	2064	2071	rVB3	54199	80899	1.77%	0.122%
23	15.210	2071	2078	2084	rBV	339026	490513	10.75%	0.743%
24	15.369	2101	2105	2111	rVB8	40466	65717	1.44%	0.099%
25	15.686	2155	2159	2162	rVV3	35003	54626	1.20%	0.083%
26	15.810	2176	2180	2187	rBV7	28003	54409	1.19%	0.082%
27	16.139	2227	2236	2241	rBV5	36989	86324	1.89%	0.131%
28	16.486	2291	2295	2303	rVB4	49164	94644	2.07%	0.143%
29	16.563	2303	2308	2314	rBV4	34083	81071	1.78%	0.123%
30	16.645	2319	2322	2326	rVB	49363	64581	1.41%	0.098%
31	16.827	2347	2353	2356	rBV	1817086	2431398	53.27%	3.681%
32	16.869	2356	2360	2364	rVB	1175104	1536110	33.66%	2.325%
33	16.927	2364	2370	2374	rBV	1614904	2312905	50.68%	3.501%
34	17.022	2382	2386	2393	rVB5	42553	72419	1.59%	0.110%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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	17.239	2414	2423	2427	rBV3	54331	97073	2.13%	0.147%
36	17.357	2439	2443	2447	rVV2	66634	82664	1.81%	0.125%
37	17.410	2447	2452	2462	rVB4	66488	125440	2.75%	0.190%
38	17.551	2473	2476	2484	rVB	33481	60709	1.33%	0.092%
39	17.704	2496	2502	2506	rBV	358783	501817	10.99%	0.760%
40	17.751	2506	2510	2519	rVV	479150	729926	15.99%	1.105%
41	17.833	2519	2524	2529	rVV2	72200	141894	3.11%	0.215%
42	17.892	2529	2534	2538	rVV2	374408	627114	13.74%	0.949%
43	17.933	2538	2541	2549	rVB	256988	354877	7.78%	0.537%
44	18.033	2552	2558	2559	rBV5	31846	55991	1.23%	0.085%
45	18.057	2559	2562	2567	rVV6	41506	64677	1.42%	0.098%
46	18.104	2567	2570	2575	rVV5	37729	57782	1.27%	0.087%
47	18.210	2580	2588	2591	rVV2	200001	378200	8.29%	0.573%
48	18.251	2591	2595	2603	rVB2	197547	316497	6.93%	0.479%
49	18.463	2627	2631	2636	rVV	235644	340801	7.47%	0.516%
50	18.516	2636	2640	2643	rVV	117340	166474	3.65%	0.252%
51	18.551	2643	2646	2650	rVV2	79663	105131	2.30%	0.159%
52	18.598	2650	2654	2656	rVV4	52895	74443	1.63%	0.113%
53	18.639	2656	2661	2665	rVV	246687	393962	8.63%	0.596%
54	18.698	2665	2671	2674	rVV2	140143	287747	6.30%	0.436%
55	18.727	2674	2676	2680	rVV	97232	112680	2.47%	0.171%
56	18.774	2680	2684	2691	rVB3	152246	289317	6.34%	0.438%
57	18.898	2697	2705	2713	rVB	2325009	3078247	67.44%	4.660%
58	18.969	2713	2717	2720	rBV3	115495	161231	3.53%	0.244%
59	19.010	2720	2724	2727	rVV4	55854	85193	1.87%	0.129%
60	19.051	2727	2731	2735	rVB	157013	182991	4.01%	0.277%
61	19.104	2736	2740	2743	rVV2	86443	125322	2.75%	0.190%
62	19.145	2745	2747	2752	rVV4	65387	106567	2.33%	0.161%
63	19.233	2756	2762	2765	rVV	2383118	3659946	80.19%	5.540%
64	19.263	2765	2767	2776	rVB	2423171	2707186	59.31%	4.098%
65	19.339	2776	2780	2787	rVB3	104527	236469	5.18%	0.358%
66	19.445	2793	2798	2803	rBV	156004	245703	5.38%	0.372%
67	19.510	2805	2809	2815	rVB2	100938	173384	3.80%	0.262%
68	19.574	2815	2820	2830	rBV4	624303	1225641	26.85%	1.855%
69	19.692	2837	2840	2843	rBV4	62078	67656	1.48%	0.102%
70	19.733	2843	2847	2849	rVV3	165637	245120	5.37%	0.371%
71	19.768	2850	2853	2856	rVB	253662	325678	7.14%	0.493%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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	19.868	2867	2870	2874	rBV	170672	199137	4.36%	0.301%
73	19.927	2874	2880	2884	rVV2	440396	599913	13.14%	0.908%
74	19.968	2884	2887	2891	rVB5	68276	88008	1.93%	0.133%
75	20.010	2892	2894	2899	rVB3	47066	56452	1.24%	0.085%
76	20.063	2900	2903	2908	rVV	204882	257222	5.64%	0.389%
77	20.116	2908	2912	2913	rVV	200050	246267	5.40%	0.373%
78	20.139	2913	2916	2920	rVV3	201918	271141	5.94%	0.410%
79	20.180	2921	2923	2929	rVB6	74644	104716	2.29%	0.159%
80	20.333	2945	2949	2951	rBV5	95801	140076	3.07%	0.212%
81	20.521	2977	2981	2988	rVB	299516	407831	8.94%	0.617%
82	20.686	3004	3009	3013	rBV3	210586	363773	7.97%	0.551%
83	20.727	3013	3016	3019	rVB	251191	254162	5.57%	0.385%
84	20.763	3019	3022	3024	rBV	155748	209511	4.59%	0.317%
85	20.792	3024	3027	3030	rBV3	372677	466945	10.23%	0.707%
86	20.992	3058	3061	3063	rBV	252353	282975	6.20%	0.428%
87	21.039	3063	3069	3073	rVV2	2495796	4564091	100.00%	6.909%
88	21.080	3073	3076	3083	rVB	1402733	1790257	39.22%	2.710%
89	21.245	3101	3104	3107	rBV3	132730	161903	3.55%	0.245%
90	21.586	3159	3162	3166	rVB	293437	352519	7.72%	0.534%
91	21.633	3167	3170	3174	rBV2	180353	320225	7.02%	0.485%
92	21.768	3190	3193	3195	rBV	153443	171860	3.77%	0.260%
93	22.539	3318	3324	3327	rBV	1252615	2421492	53.06%	3.666%
94	22.692	3347	3350	3356	rVB2	248702	368647	8.08%	0.558%
95	22.980	3394	3399	3402	rBV	562291	948850	20.79%	1.436%
96	23.021	3402	3406	3410	rVV	1374827	2234098	48.95%	3.382%
97	23.062	3410	3413	3421	rVB	959728	1619577	35.49%	2.452%
98	23.157	3423	3429	3434	rBV2	1442649	2590093	56.75%	3.921%
99	25.209	3774	3778	3786	rVB	516799	1069785	23.44%	1.619%
100	28.550	4344	4346	4348	rBV2	109865	101086	2.21%	0.153%

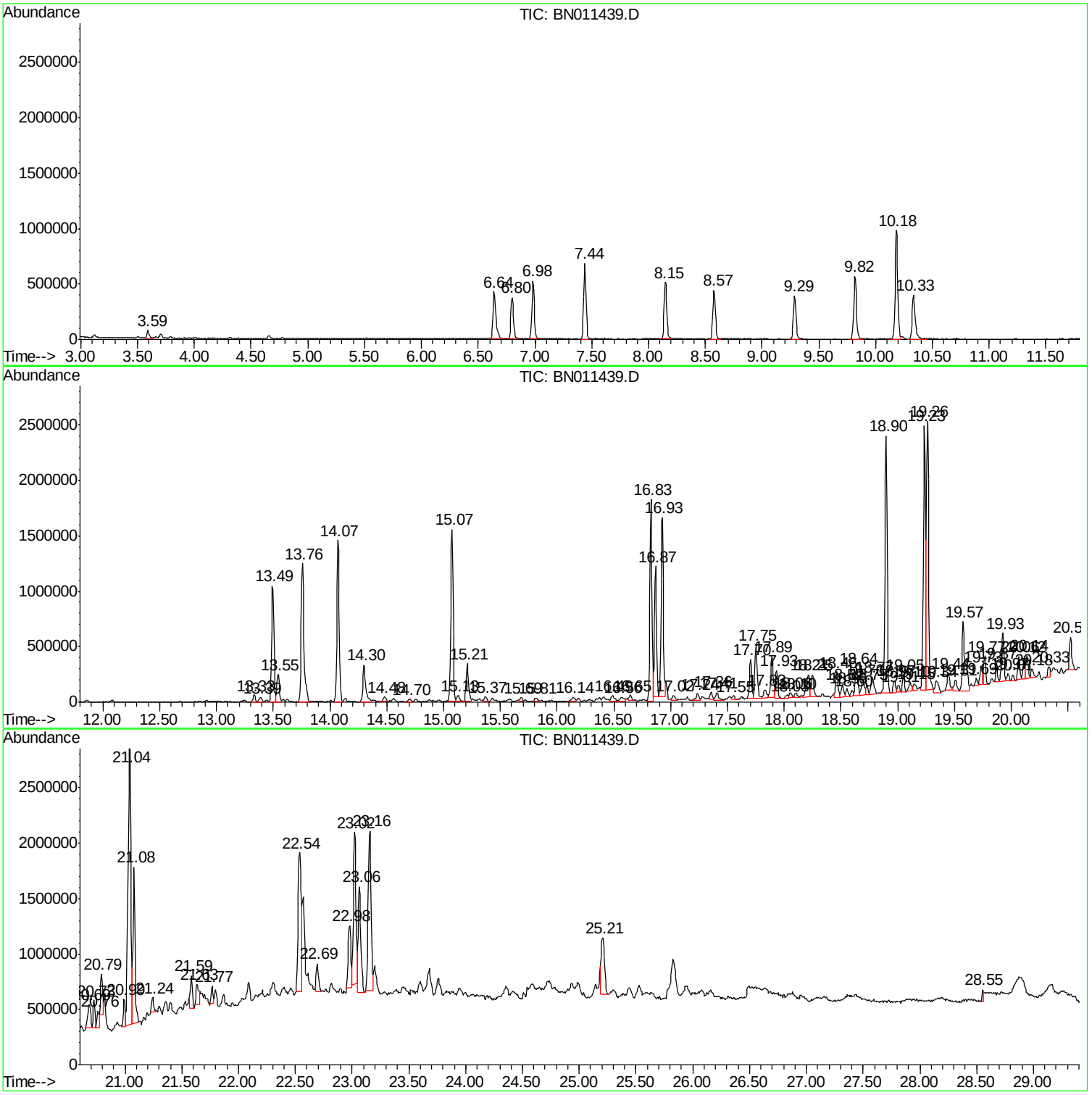
Sum of corrected areas: 66058370

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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

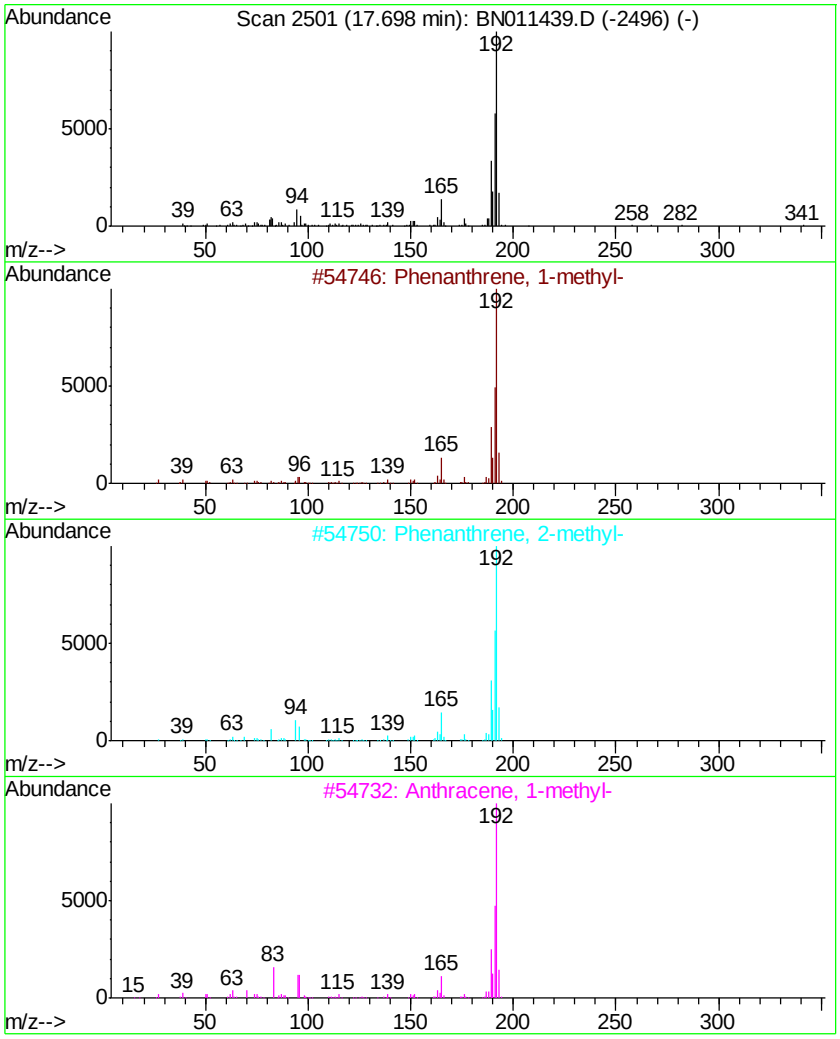
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

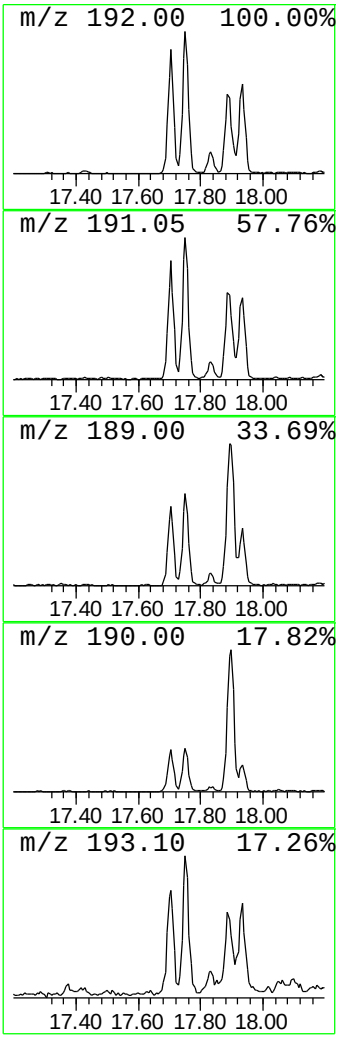
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	4.13 ng/ul	501817	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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

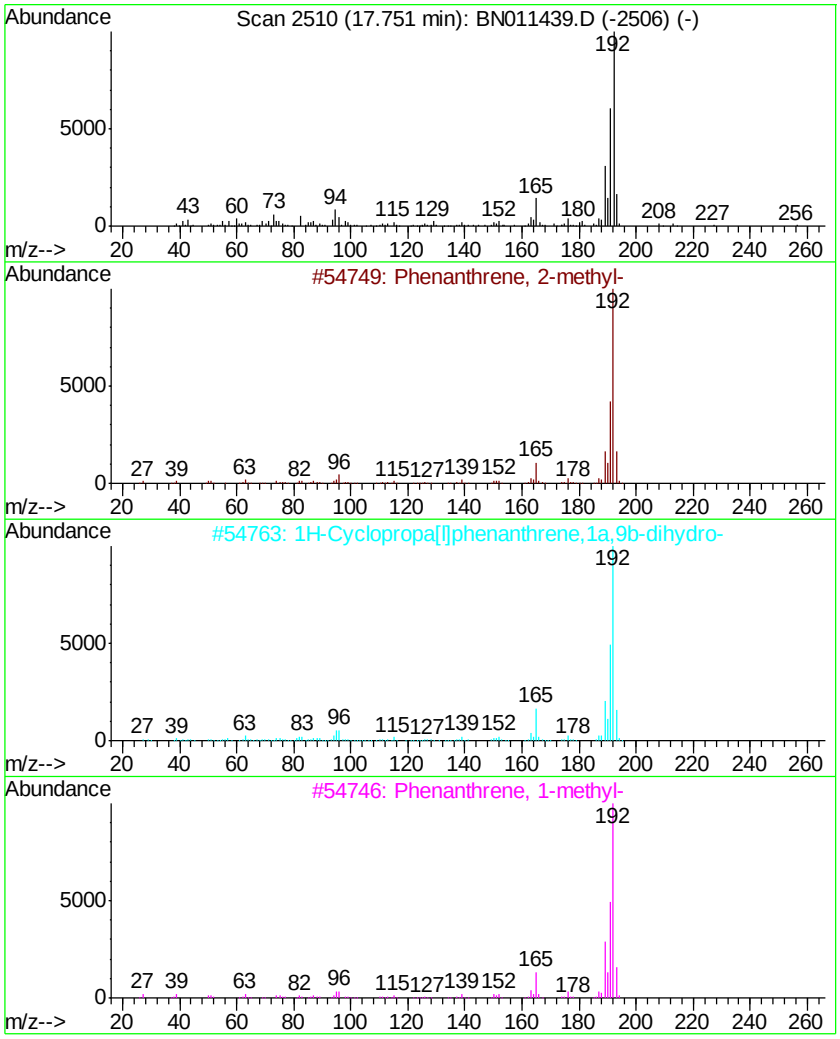
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

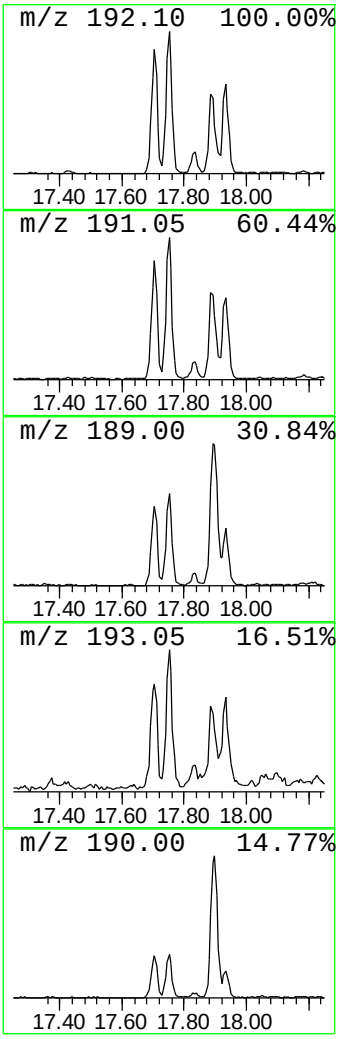
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	6.00 ng/ul	729926	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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

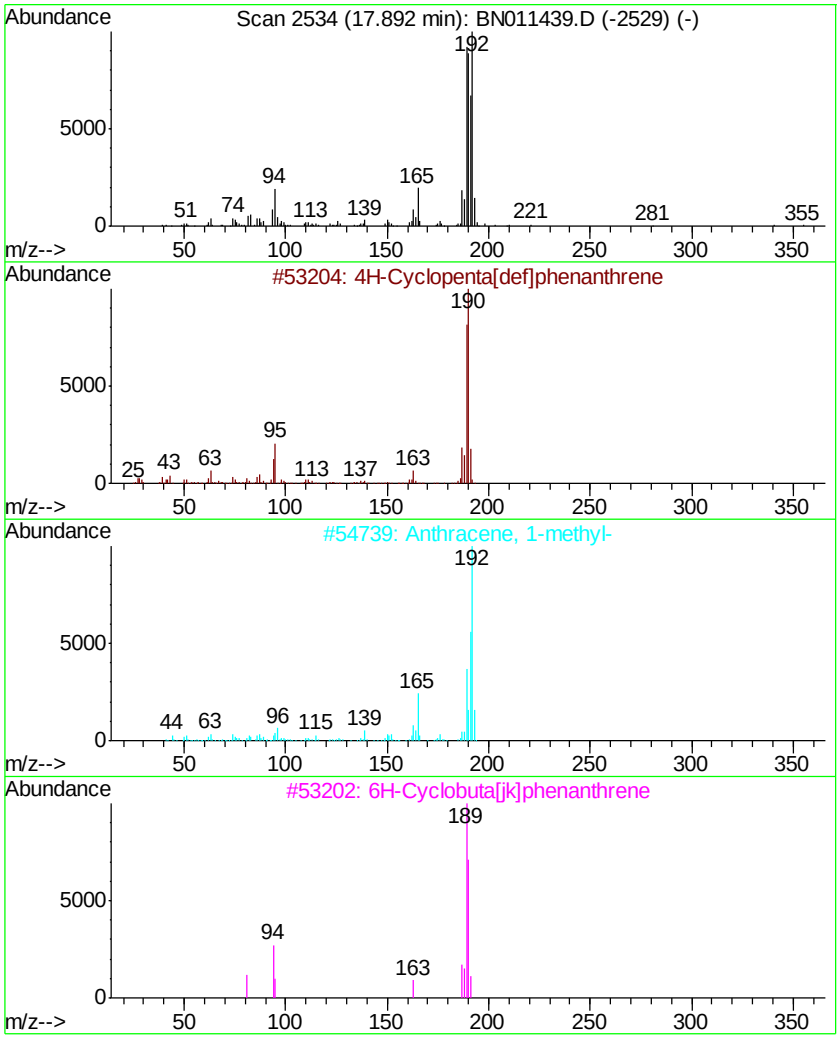
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

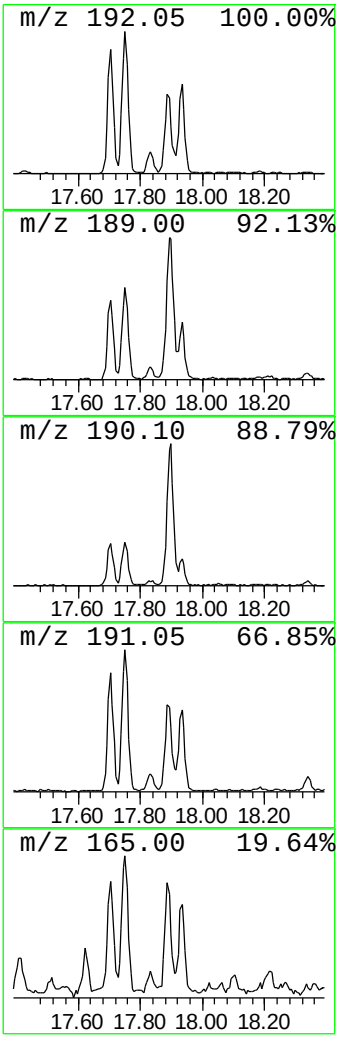
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	5.16 ng/ul	627114	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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

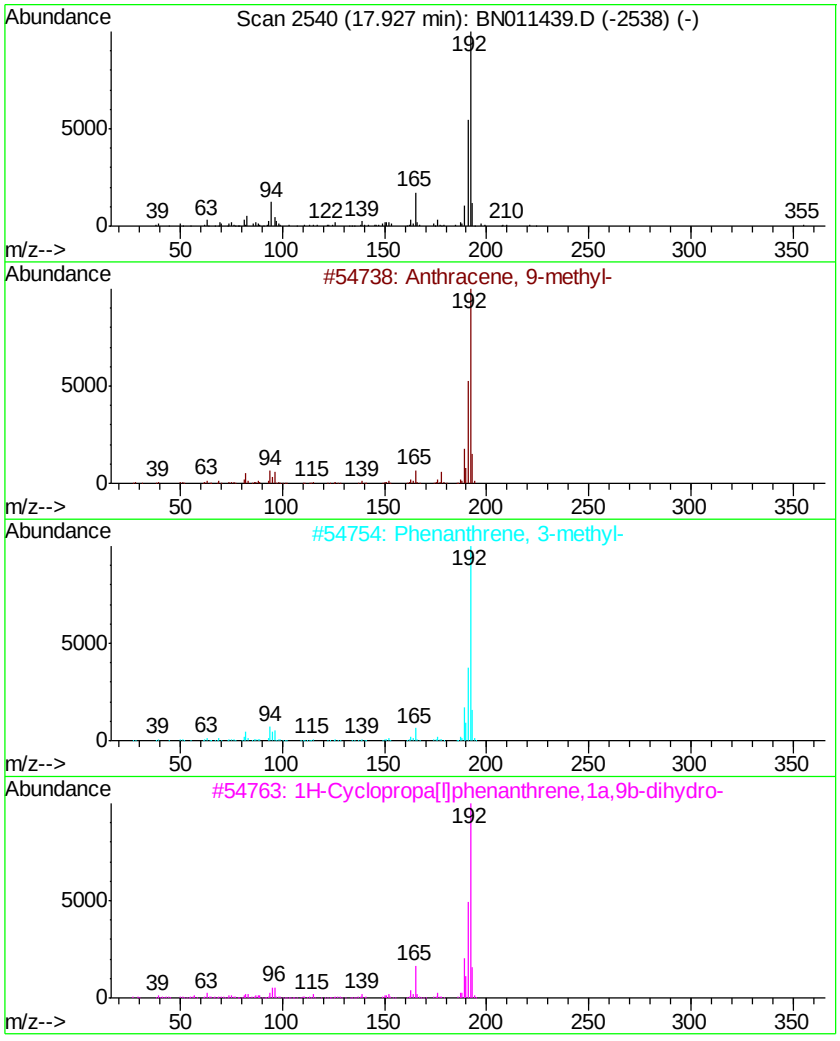
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

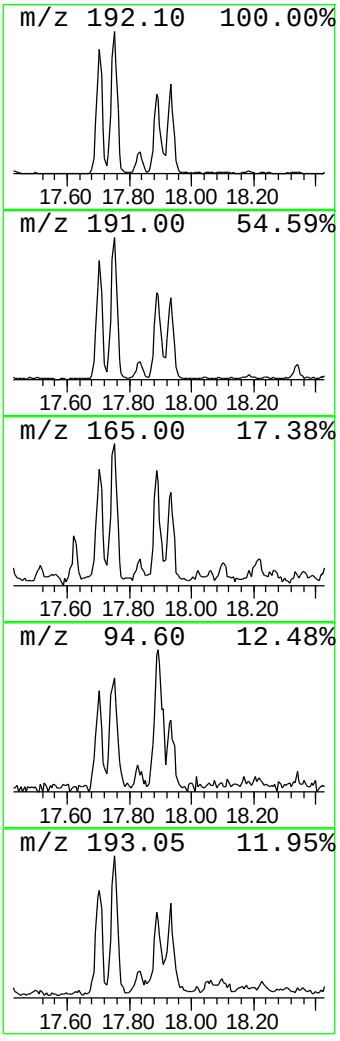
****

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.92 ng/ul	354877	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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

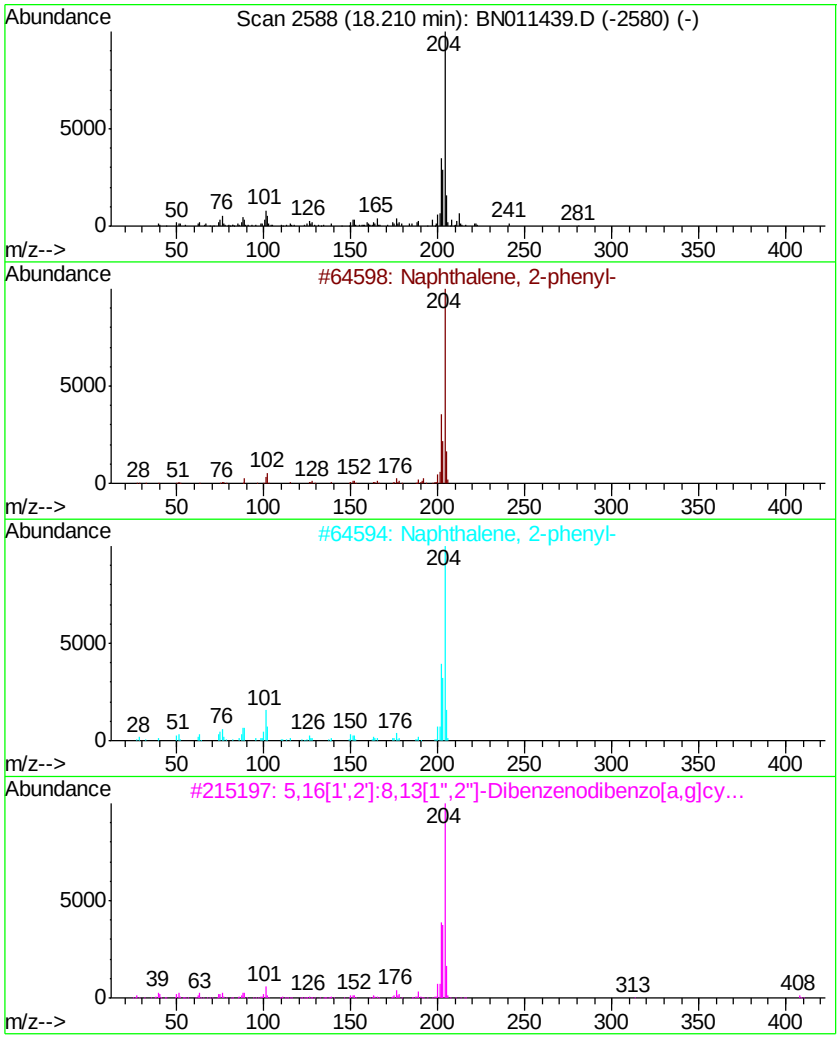
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

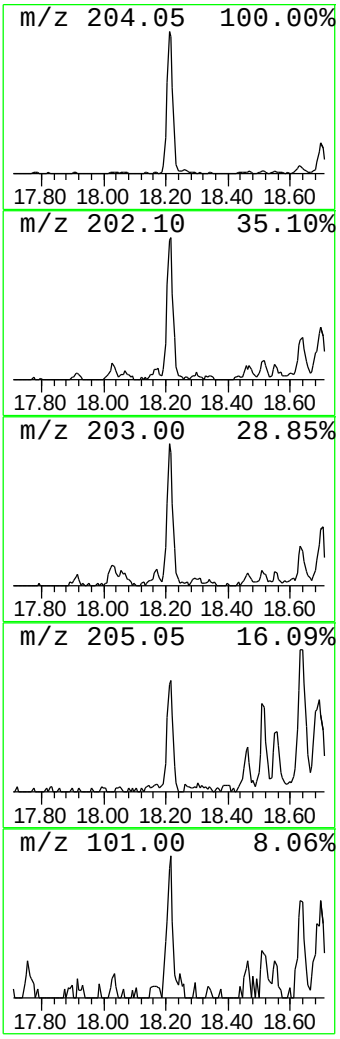
****

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	3.11 ng/ul	378200	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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

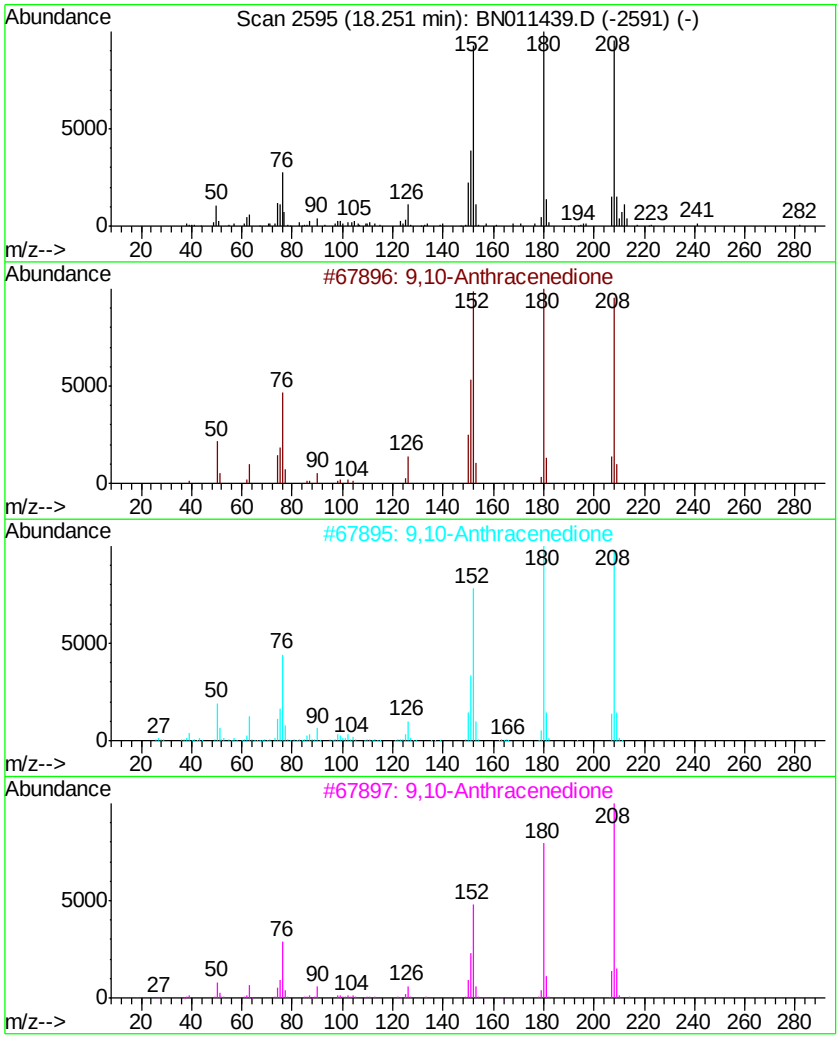
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

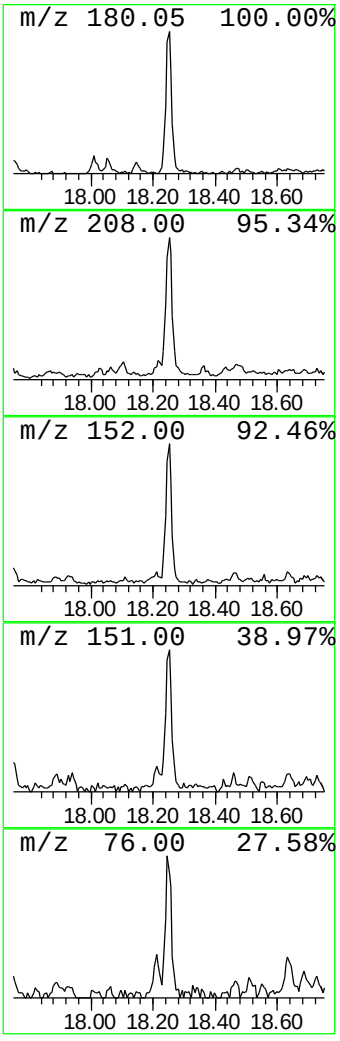
****

Peak Number 6 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.60 ng/ul	316497	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	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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

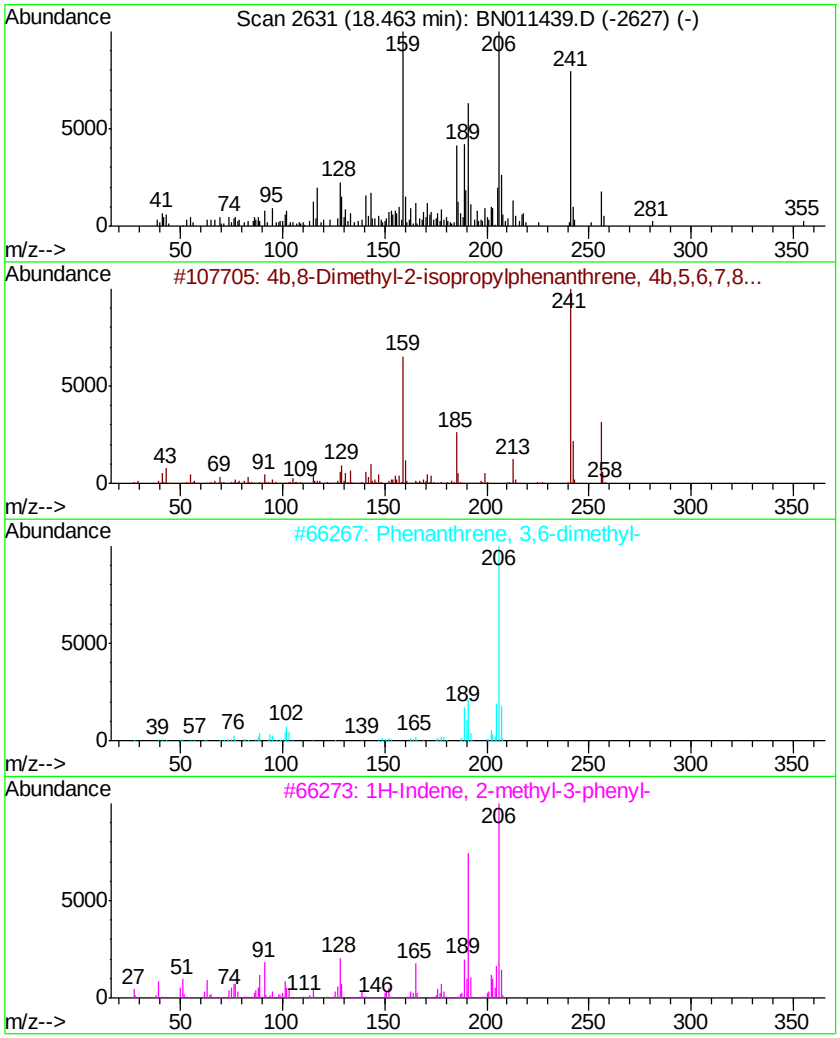
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

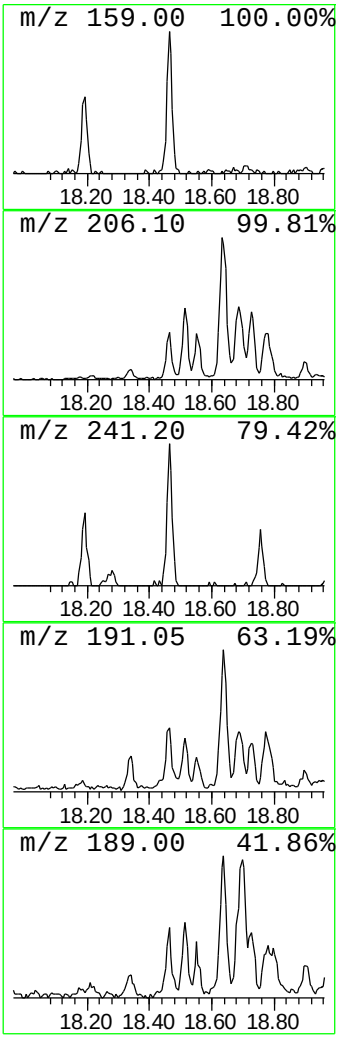
****

Peak Number 7 4b,8-Dimethyl-2-isopropylph... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.80 ng/ul	340801	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	50
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	42
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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

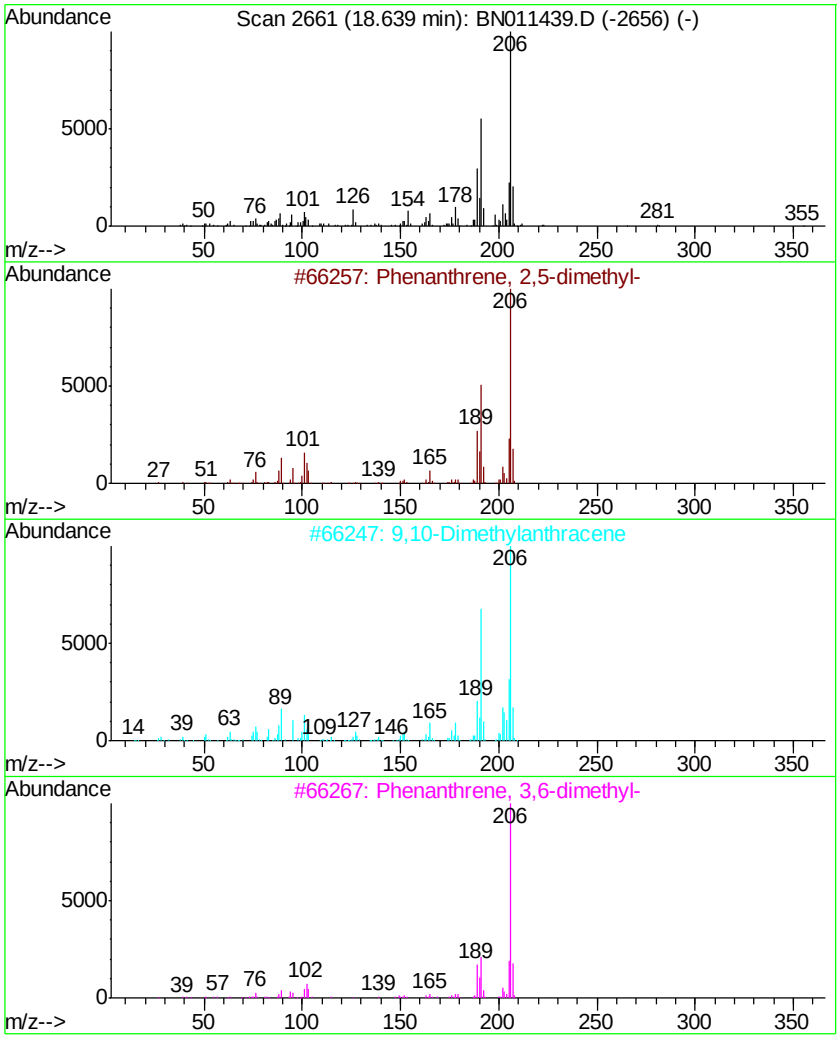
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

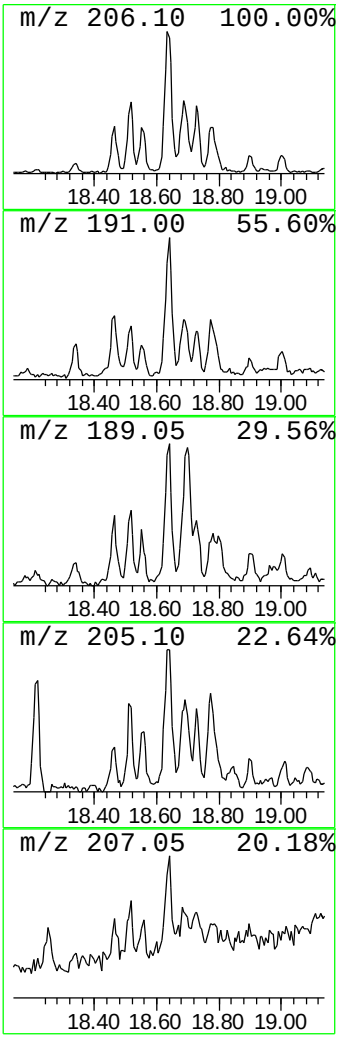
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	3.24 ng/ul	393962	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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

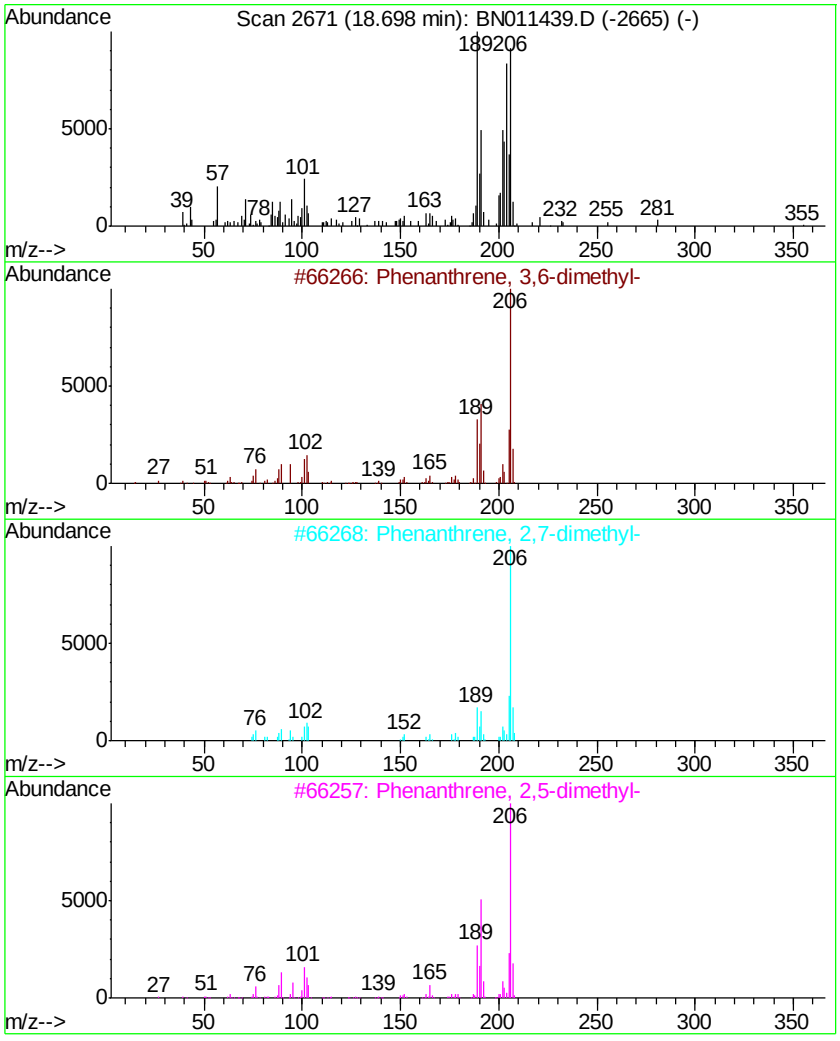
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

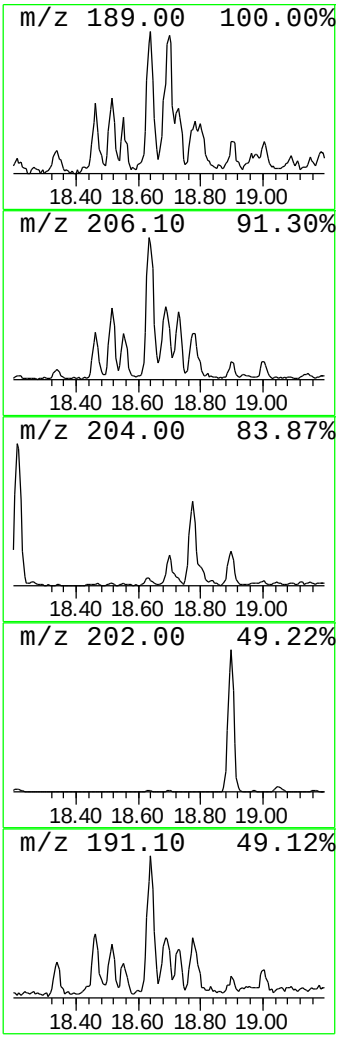
****

Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.37 ng/ul	287747	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	42
4	3,5-Dichloro-4-hydroxybenzoic acid	206	C7H4Cl2O3	003336-41-2	38
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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

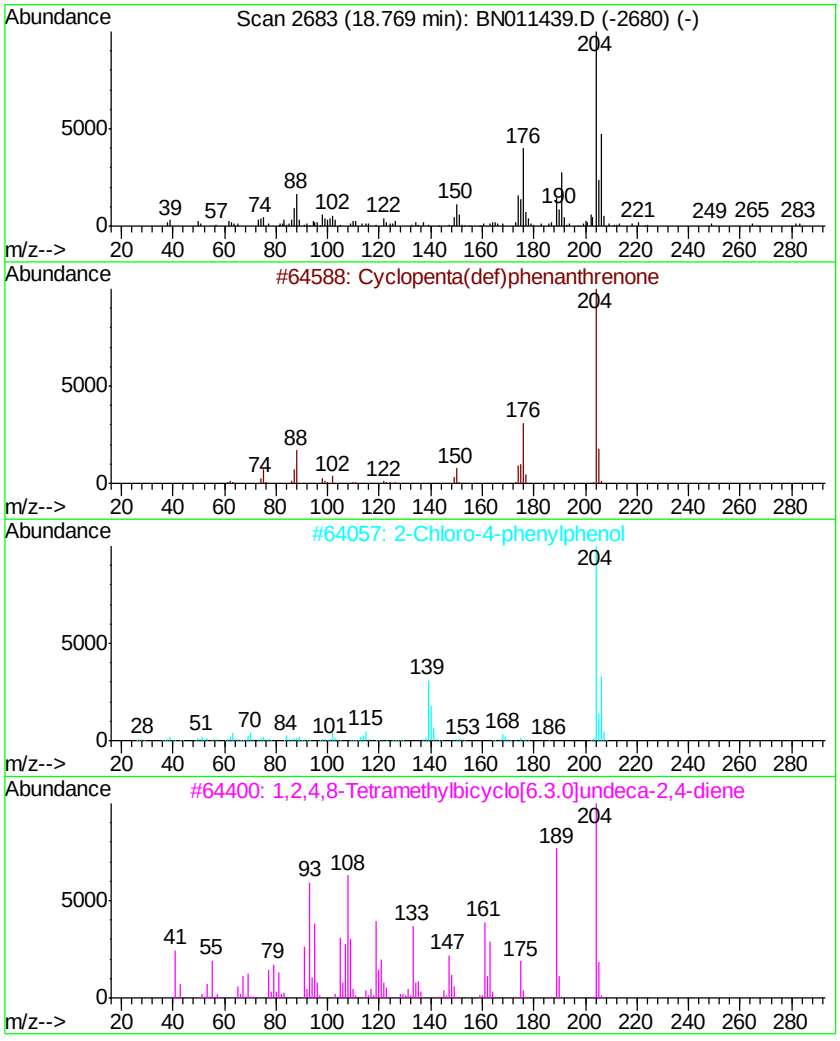
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

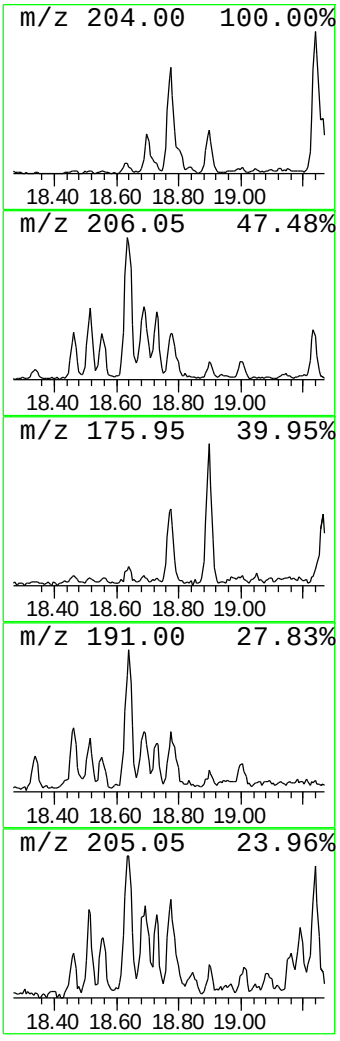
****

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.38 ng/ul	289317	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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

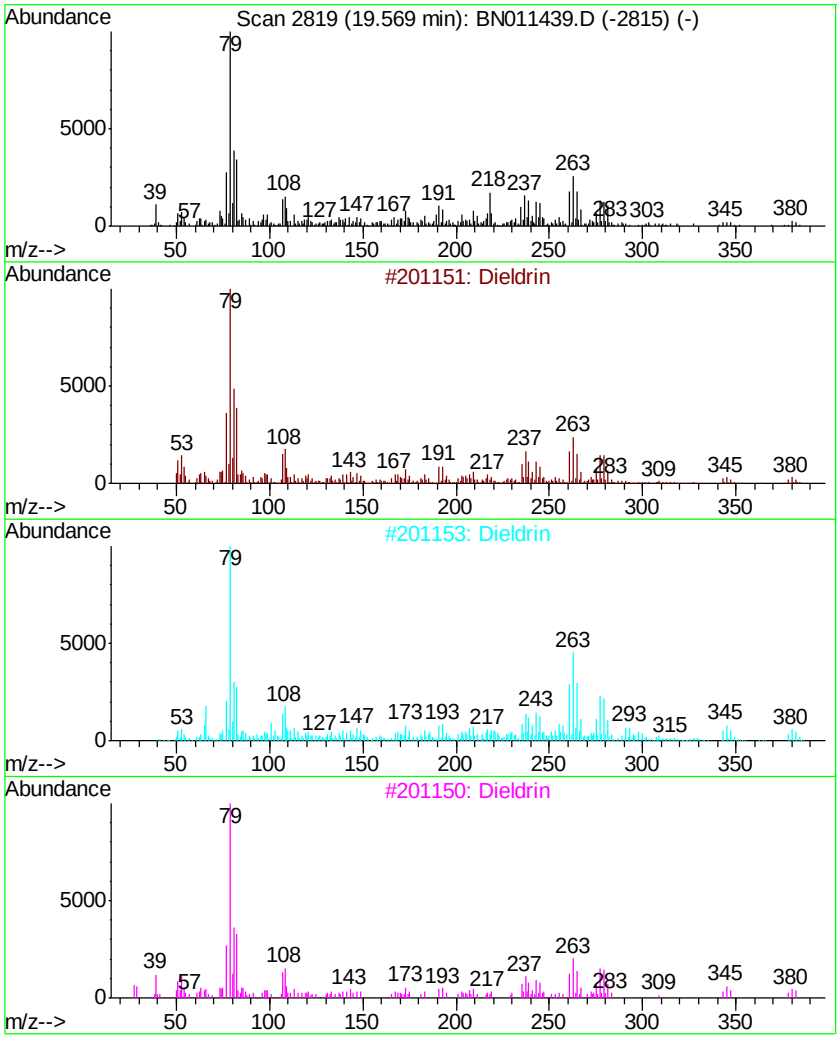
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

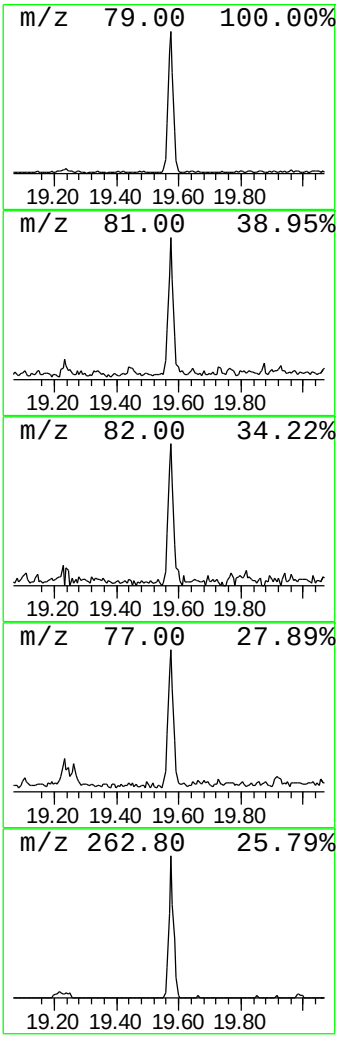
****

Peak Number 11 Dieldrin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	5.37 ng/ul	1225640	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	98
2	Dieldrin	378	C12H8Cl6O	000060-57-1	96
3	Dieldrin	378	C12H8Cl6O	000060-57-1	76
4	1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	70
5	Dieldrin	378	C12H8Cl6O	000060-57-1	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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

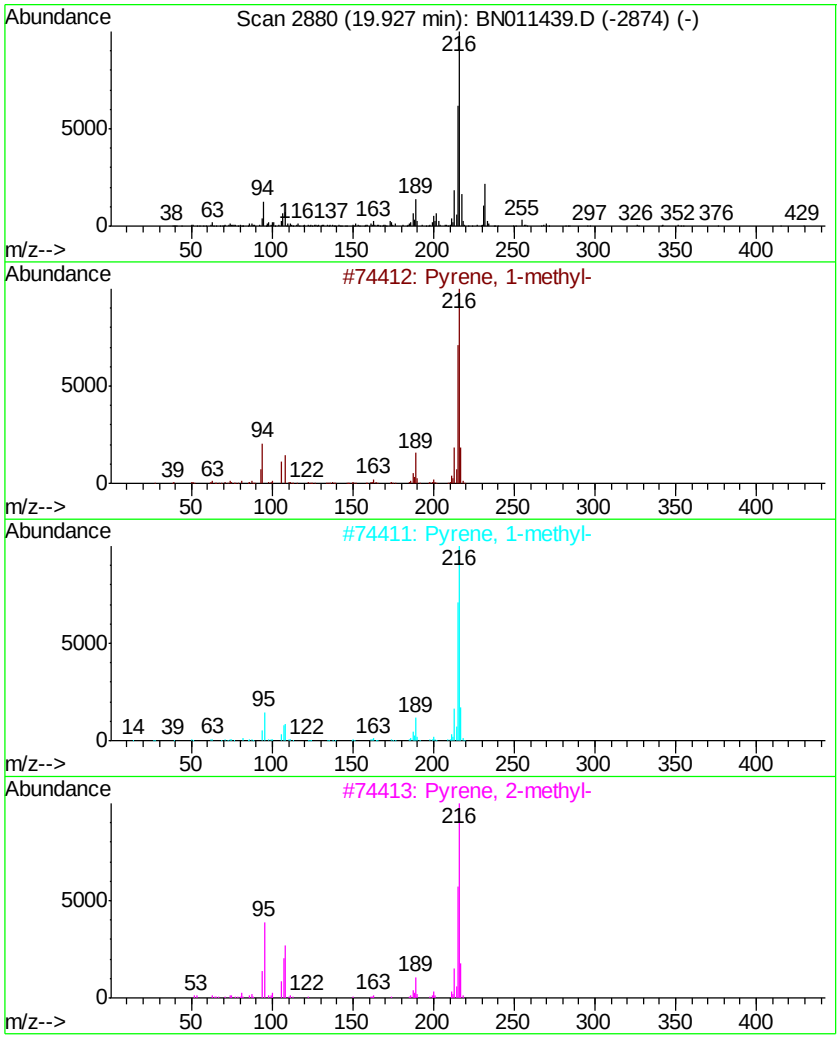
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

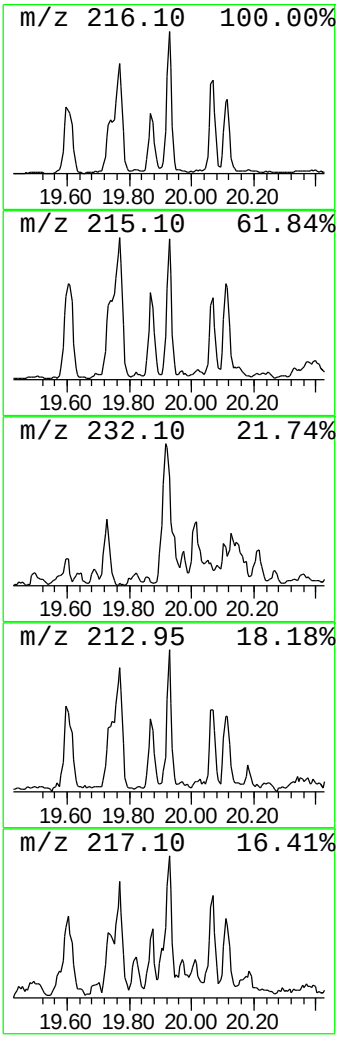
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.63 ng/ul	599913	Chrysene-d12	21.04

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	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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

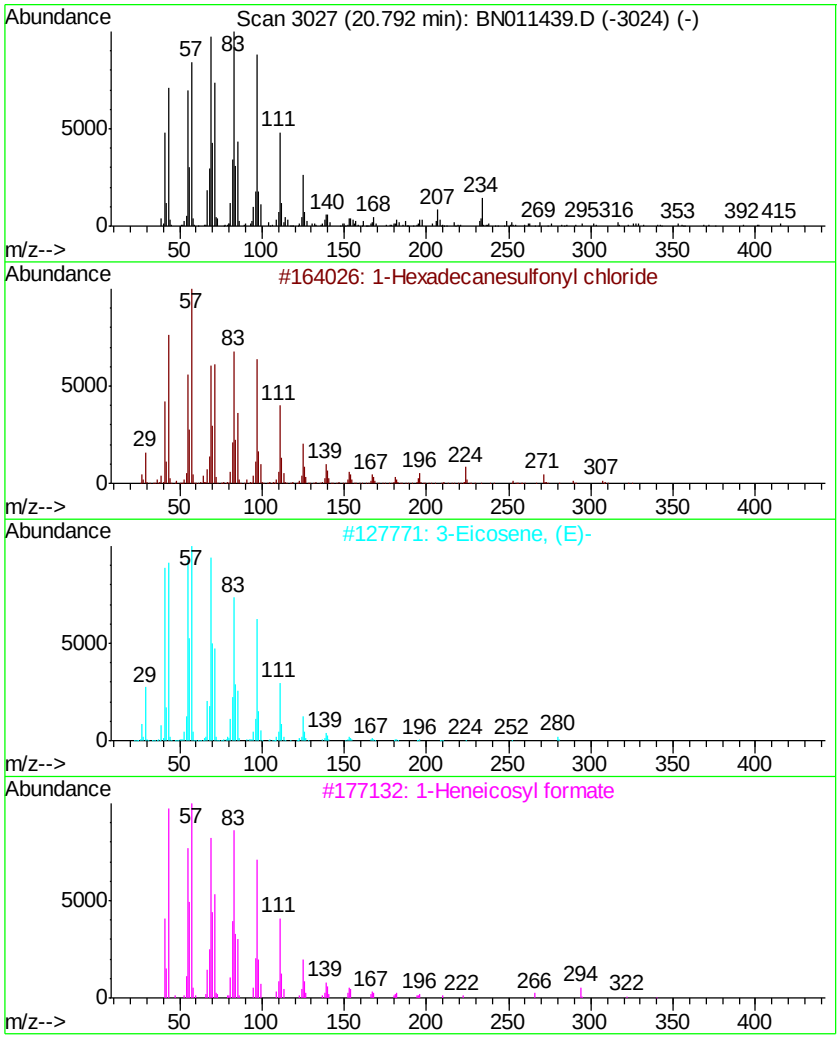
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

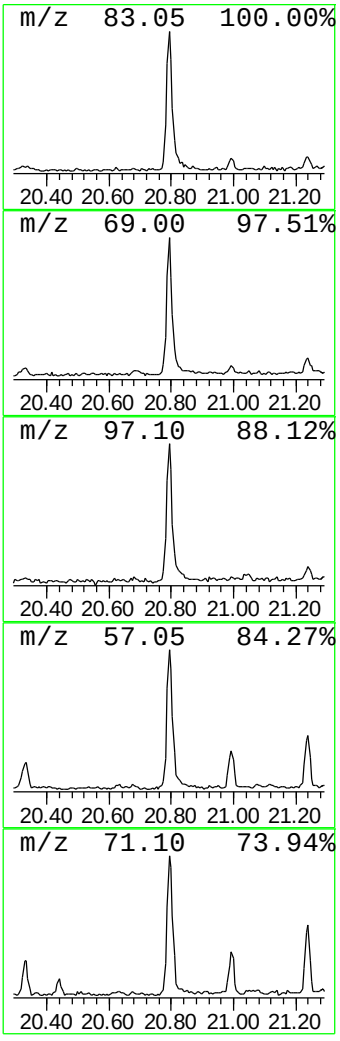
****

Peak Number 13 1-Hexadecanesulfonyl chloride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.05 ng/ul	466945	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	81
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	74
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	74
4	Cyclooctacosane	392	C28H56	000297-24-5	74
5	1-Docosene	308	C22H44	001599-67-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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

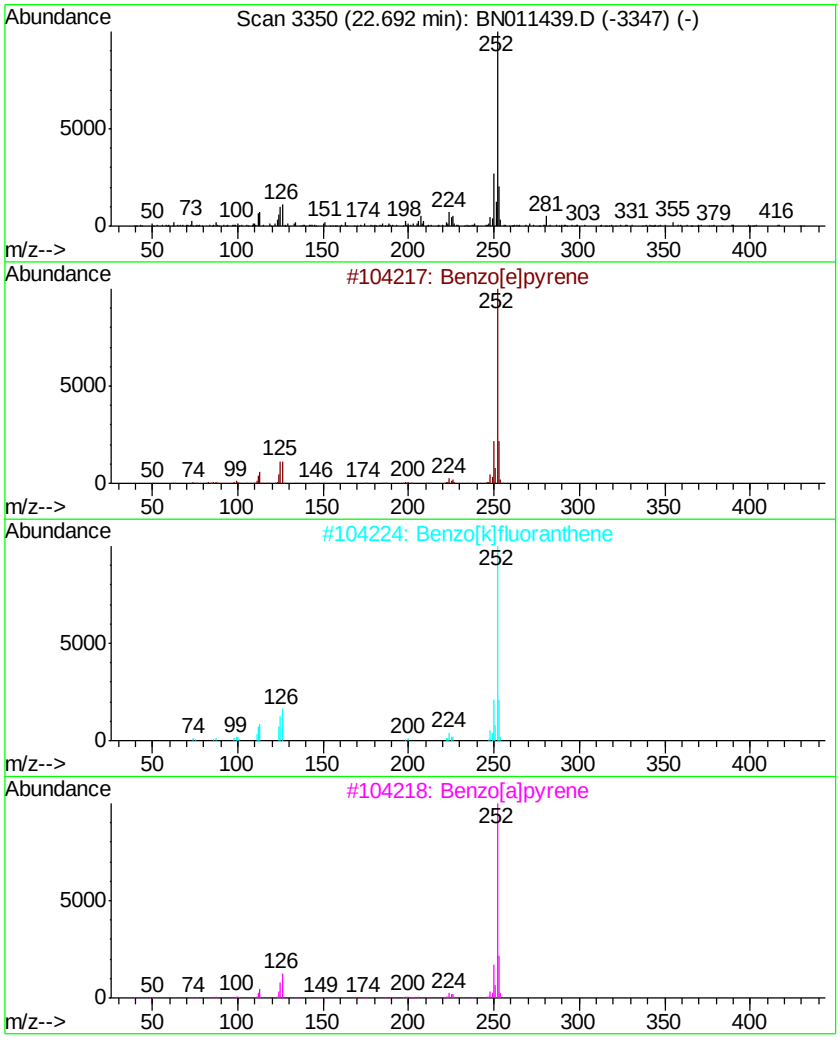
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

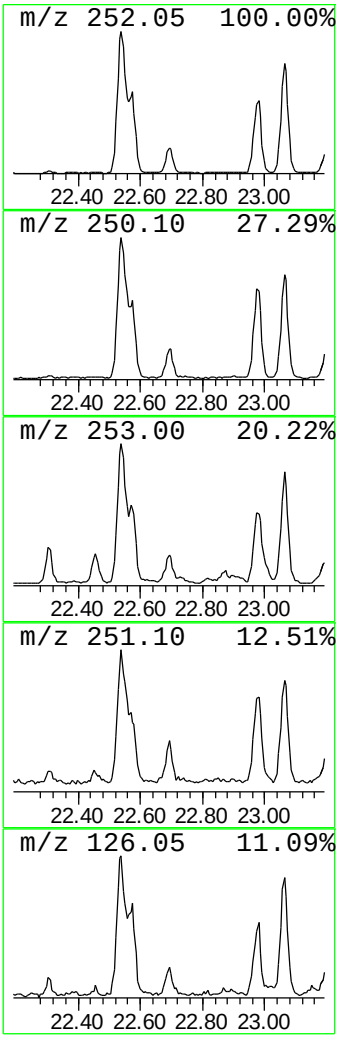
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.85 ng/ul	368647	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081420\
Data File : BN011439.D
Acq On : 14 Aug 2020 23:00
Operator : CG/JU
Sample : L3631-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFMN5

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
Phenanthrene, 1-m...	17.70	4.1	ng/ul	501817	4	16.83	2431400	20.0
Phenanthrene, 2-m...	17.75	6.0	ng/ul	729926	4	16.83	2431400	20.0
4H-Cyclopenta[def...	17.89	5.2	ng/ul	627114	4	16.83	2431400	20.0
Anthracene, 9-met...	17.93	2.9	ng/ul	354877	4	16.83	2431400	20.0
Naphthalene, 2-ph...	18.21	3.1	ng/ul	378200	4	16.83	2431400	20.0
9,10-Anthracenedione	18.25	2.6	ng/ul	316497	4	16.83	2431400	20.0
4b,8-Dimethyl-2-i...	18.46	2.8	ng/ul	340801	4	16.83	2431400	20.0
Phenanthrene, 2,5...	18.64	3.2	ng/ul	393962	4	16.83	2431400	20.0
Phenanthrene, 3,6...	18.70	2.4	ng/ul	287747	4	16.83	2431400	20.0
Cyclopenta(def)ph...	18.77	2.4	ng/ul	289317	4	16.83	2431400	20.0
Dieldrin	19.57	5.4	ng/ul	1225640	5	21.04	4564090	20.0
Pyrene, 1-methyl-	19.93	2.6	ng/ul	599913	5	21.04	4564090	20.0
1-Hexadecanesulfo...	20.79	2.0	ng/ul	466945	5	21.04	4564090	20.0
Benzo[e]pyrene	22.69	2.9	ng/ul	368647	6	23.16	2590090	20.0