LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007685.D
Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

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-BN091619MA.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	3.017	3	5	10	rVB	4077333	4139020	6.91%	0.544%
2	6.875	653	661	674	rBV2	401481	827522	1.38%	0.109%
3	7.705	795	802	810	rBV	2375644	3629939	6.06%	0.477%
4	10.475	1265	1273	1278	rBV	3346376	5458077	9.11%	0.718%
5	13.740	1823	1828	1832	rVV	855002	1161365	1.94%	0.153%
6	14.016	1866	1875	1889	rVB	961446	1545540	2.58%	0.203%
7	14.328	1921	1928	1934	rBV	5355474	7809949	13.04%	1.027%
8	14.393	1934	1939	1946	rVV	1474417	2101642	3.51%	0.276%
9	14.728	1990	1996	2006	rVV	515109	804820	1.34%	0.106%
10	15.322	2091	2097	2102	rBV	1336673	1880601	3.14%	0.247%
11	15.375	2102	2106	2111	rVV	752181	1069707	1.79%	0.141%
12	16.722	2330	2335	2345	rVB	925801	1372918	2.29%	0.181%
13	16.828	2345	2353	2358	rBV2	546011	1025624	1.71%	0.135%
14	16.887	2358	2363	2375	rVV	953247	1518757	2.53%	0.200%
15	17.075	2389	2395	2398	rBV2	6458692	9618337	16.05%	1.265%
16	17.116	2398	2402	2407	rVV	18187366	25408067	42.41%	3.341%
17	17.169	2407	2411	2414	rVV2	1744095	2565082	4.28%	0.337%
18	17.204	2414	2417	2422	rVV	3355504	4249755	7.09%	0.559%
19	17.469	2452	2462	2468	rBV2	2915984	4806639	8.02%	0.632%
20	17.945	2534	2543	2547	rBV	2181907	3323421	5.55%	0.437%
21	17.992	2547	2551	2558	rVB	3590549	5001061	8.35%	0.658%
22	18.075	2558	2565	2570	rBV	865032	1313094	2.19%	0.173%
23	18.139	2570	2576	2580	rBV2	2785672	4842186	8.08%	0.637%
24	18.181	2580	2583	2590	rVB	1278258	1682324	2.81%	0.221%
25	18.451	2624	2629	2632	rBV	1601023	2159898	3.61%	0.284%
26	18.486	2632	2635	2643	rVB2	1722954	2331199	3.89%	0.307%
27	18.698	2663	2671	2675	rBV	867759	1339812	2.24%	0.176%
28	18.751	2675	2680	2683	rBV	930291	1205437	2.01%	0.159%
29	18.792	2683	2687	2691	rVB	922262	1273739	2.13%	0.168%
30	18.875	2695	2701	2706	rBV	1454801	2404477	4.01%	0.316%
31	18.934	2706	2711	2714	rBV2	619672	1077100	1.80%	0.142%
32	19.010	2720	2724	2731	rVB	1873554	2583194	4.31%	0.340%
33	19.139	2739	2746	2752	rVB	37443988	52686662	87.94%	6.929%
34	19.234	2759	2762	2767	rVB3	638646	915865	1.53%	0.120%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007685.D
Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

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-BN091619MA.M
Title : SVOA CALIBRATION

35	19.381	2782	2787	2791	rVB	1498743	2184741	3.65%	0.287%
36	19.504	2797	2808	2815	rBV3	32405320	59912010	100.00%	7.879%
37	19.575	2815	2820	2826	rVB2	1529836	2782467	4.64%	0.366%
38	19.681	2827	2838	2844	rBV	2344694	4350209	7.26%	0.572%
39	19.739	2844	2848	2854	rVB	2330006	3379784	5.64%	0.444%
40	19.828	2856	2863	2868	rBV4	2194813	5606477	9.36%	0.737%
41	19.875	2868	2871	2875	rVB	1109430	1340766	2.24%	0.176%
42	19.922	2875	2879	2882	rBV3	565707	995408	1.66%	0.131%
43	19.963	2882	2886	2888	rBV3	1603347	2472678	4.13%	0.325%
44	19.998	2888	2892	2896	rVB	5342395	7679590	12.82%	1.010%
45	20.098	2902	2909	2913	rBV	3100840	4104670	6.85%	0.540%
46	20.157	2913	2919	2923	rBV2	5487590	8087395	13.50%	1.064%
47	20.192	2923	2925	2930	rVV	1704229	1929367	3.22%	0.254%
48	20.298	2938	2943	2946	rBV	2885991	3756472	6.27%	0.494%
49	20.339	2946	2950	2955	rVB	2942868	3845411	6.42%	0.506%
50	20.557	2982	2987	2989	rBV4	674618	1102715	1.84%	0.145%
51	20.592	2989	2993	2996	rBV3	715522	1018433	1.70%	0.134%
52	20.633	2996	3000	3003	rVB	1359884	1688213	2.82%	0.222%
53	20.663	3003	3005	3008	rVB	858767	787464	1.31%	0.104%
54	20.710	3008	3013	3014	rBV4	829150	1134243	1.89%	0.149%
55	20.745	3015	3019	3026	rVB	5383732	7800342	13.02%	1.026%
56	20.839	3032	3035	3040	rVB	1159058	1395576	2.33%	0.184%
57	20.910	3040	3047	3051	rBV3	6243321	11761936	19.63%	1.547%
58	20.951	3051	3054	3057	rVB	3555923	3717623	6.21%	0.489%
59	20.992	3057	3061	3066	rBV2	3402024	6831188	11.40%	0.898%
60	21.045	3066	3070	3077	rVB2	4621282	6906483	11.53%	0.908%
61	21.151	3081	3088	3092	rBV	2135908	3884682	6.48%	0.511%
62	21.257	3097	3106	3111	rVV3	31448542	55117898	92.00%	7.248%
63	21.310	3111	3115	3124	rVB	28000003	38868416	64.88%	5.112%
64	21.386	3124	3128	3131	rBV	2363646	2892996	4.83%	0.380%
65	21.422	3131	3134	3138	rBV	3161337	3787546	6.32%	0.498%
66	21.522	3149	3151	3156	rVB	2837264	3686513	6.15%	0.485%
67	21.575	3156	3160	3166	rBV2	4981059	7564571	12.63%	0.995%
68	21.628	3166	3169	3173	rVB2	1117190	1418790	2.37%	0.187%
69	21.722	3181	3185	3189	rBV4	1317685	2203369	3.68%	0.290%
70	21.763	3189	3192	3195	rVV	1653884	2112351	3.53%	0.278%
71	21.816	3195	3201	3206	rVV	7537540	12922701	21.57%	1.699%

LSC Area Percent Report

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Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

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-BN091619MA.M
Title : SVOA CALIBRATION

72	21.869	3206	3210	3214	rVB2	4535656	5989067	10.00%	0.788%
73	21.969	3224	3227	3230	rVB2	1446294	1819508	3.04%	0.239%
74	22.010	3230	3234	3237	rVV	2916152	4031099	6.73%	0.530%
75	22.045	3237	3240	3247	rVV4	2992496	4187821	6.99%	0.551%
76	22.110	3247	3251	3261	rVB3	2237266	3928738	6.56%	0.517%
77	22.286	3275	3281	3284	rBV3	1407168	2960755	4.94%	0.389%
78	22.339	3285	3290	3297	rVV7	2025270	5282740	8.82%	0.695%
79	22.416	3298	3303	3306	rVV	2027634	3206987	5.35%	0.422%
80	22.469	3307	3312	3319	rVB2	2041866	3738037	6.24%	0.492%
81	22.580	3325	3331	3337	rBV2	2100754	4293721	7.17%	0.565%
82	22.675	3343	3347	3354	rVB5	934047	1815157	3.03%	0.239%
83	22.839	3367	3375	3379	rBV	24968258	55701406	92.97%	7.325%
84	22.998	3397	3402	3409	rVB	3397215	5251513	8.77%	0.691%
85	23.127	3419	3424	3432	rBV3	2152296	5622012	9.38%	0.739%
86	23.304	3447	3454	3461	rBV	14905101	28983585	48.38%	3.812%
87	23.404	3464	3471	3478	rVB	22081793	40003841	66.77%	5.261%
88	23.492	3479	3486	3490	rBV	5309324	10862699	18.13%	1.429%
89	23.539	3490	3494	3502	rVB2	6752527	13571039	22.65%	1.785%
90	23.969	3562	3567	3572	rBV2	1286052	2311275	3.86%	0.304%
91	24.033	3573	3578	3588	rVB3	1941873	5303464	8.85%	0.697%
92	24.151	3590	3598	3603	rBV3	1351067	3699487	6.17%	0.487%
93	24.216	3604	3609	3615	rBV	1277323	2698720	4.50%	0.355%
94	24.351	3627	3632	3637	rBV	1206634	2337571	3.90%	0.307%
95	25.474	3819	3823	3831	rVB	1738299	3858199	6.44%	0.507%
96	25.721	3855	3865	3874	rVB	11681308	33579896	56.05%	4.416%
97	25.968	3900	3907	3914	rVB	1993267	5024018	8.39%	0.661%
98	26.057	3916	3922	3931	rBV2	1625240	5029280	8.39%	0.661%
99	26.404	3969	3981	3998	rVB	9155945	29672996	49.53%	3.902%
100	26.751	4032	4040	4058	rVB2	2529993	9475940	15.82%	1.246%

Sum of corrected areas: 760404895

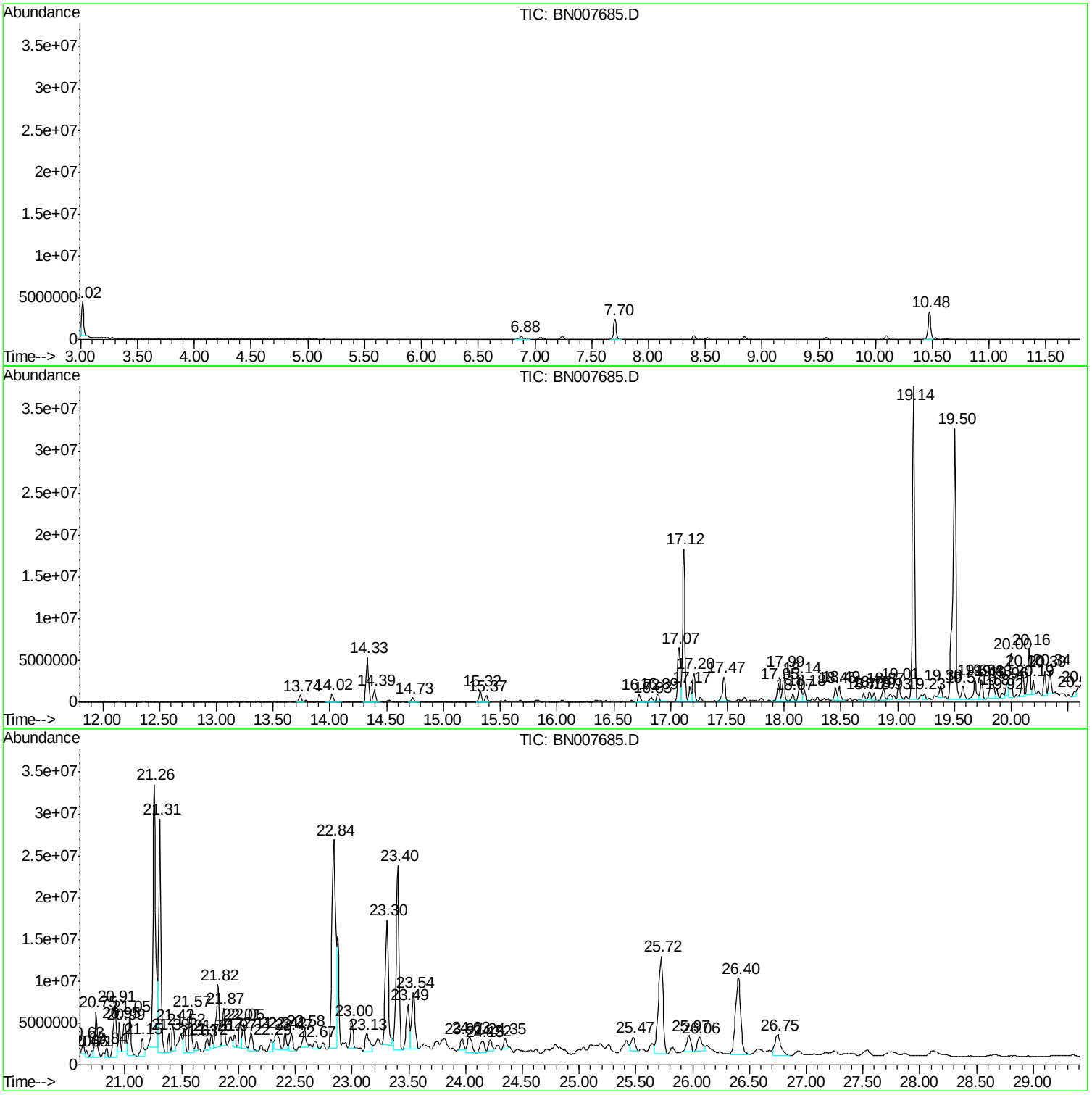
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007685.D
Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.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\BN091619\
Data File : BN007685.D
Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

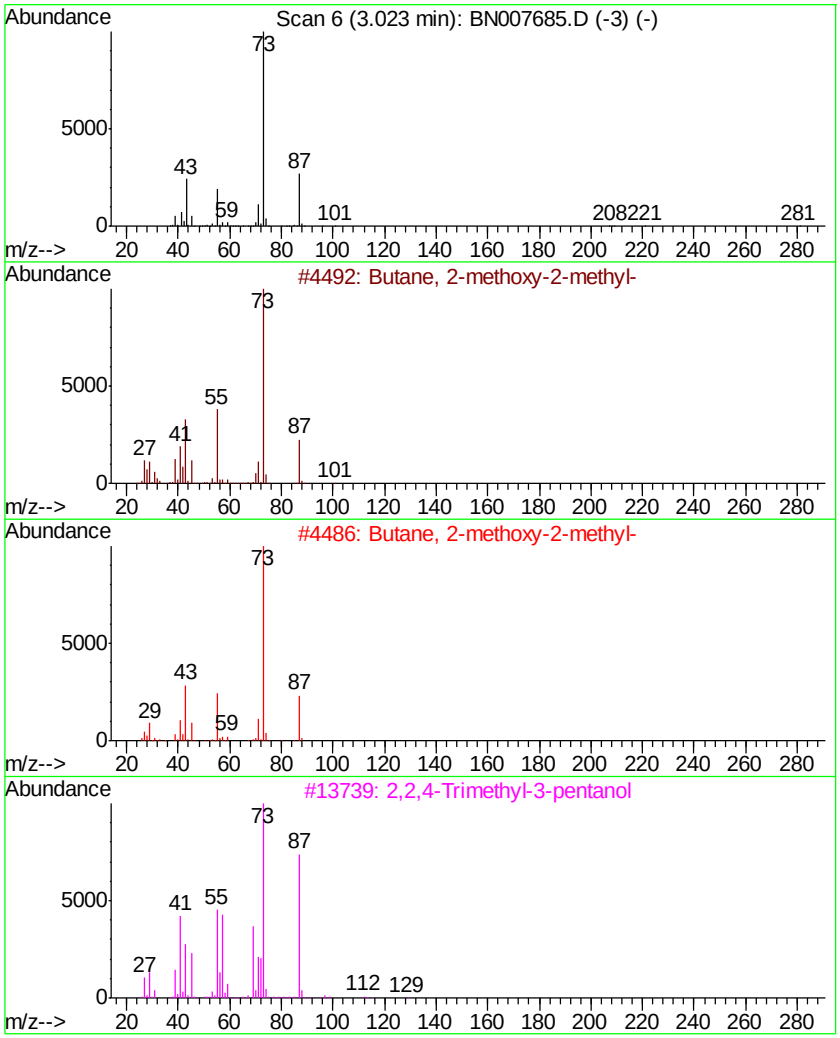
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

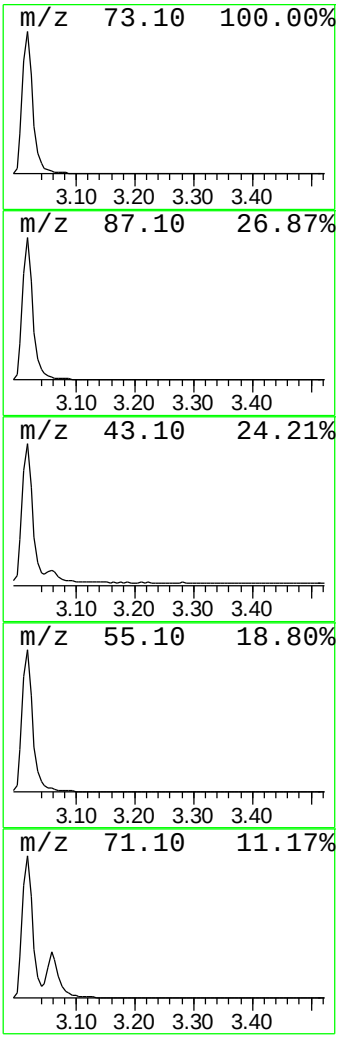
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	22.80 ng/ul	4139020	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007685.D
Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

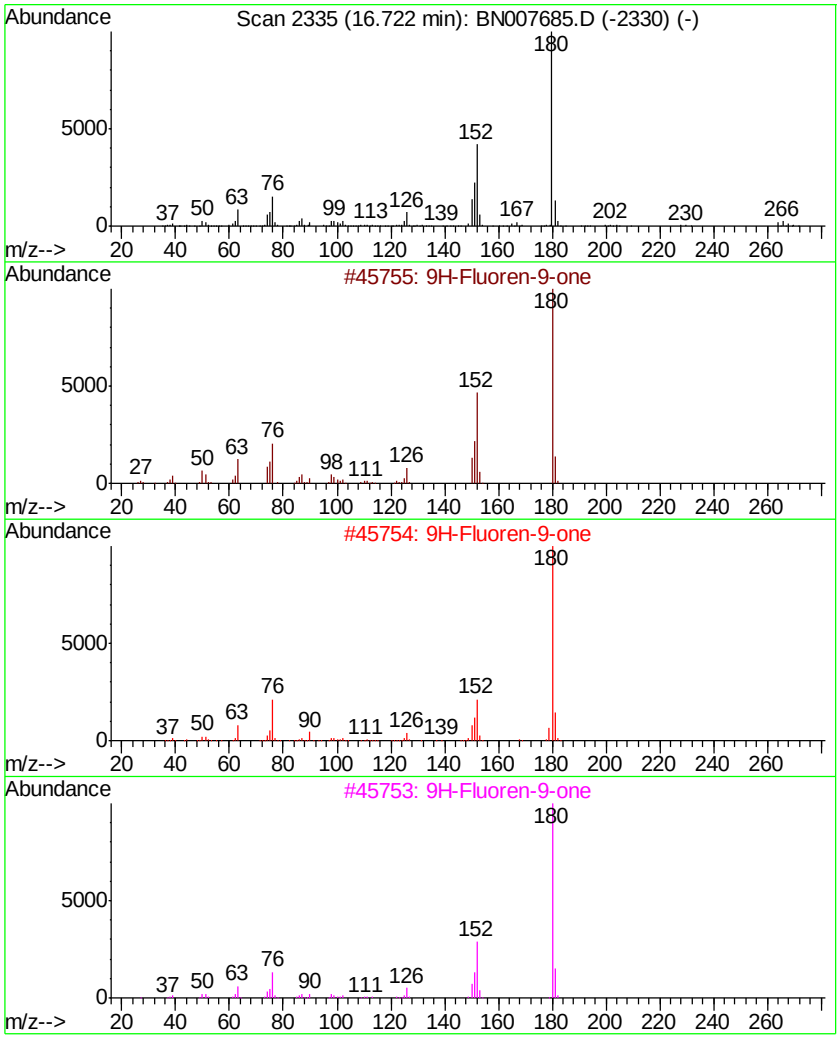
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

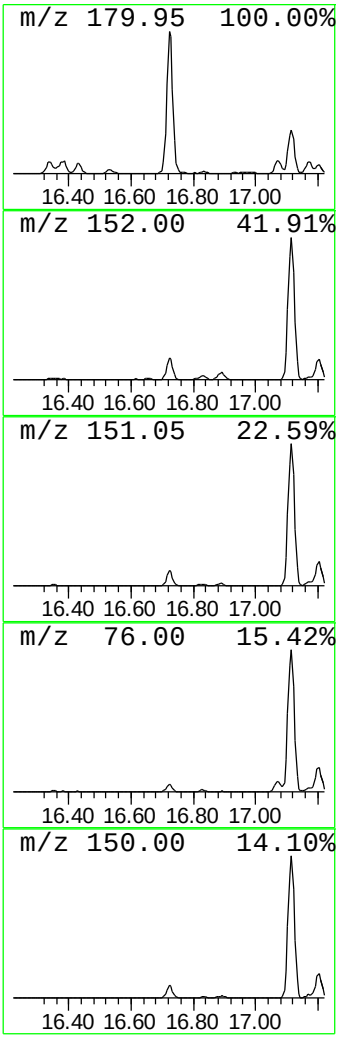
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	2.85 ng/ul	1372920	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007685.D
Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

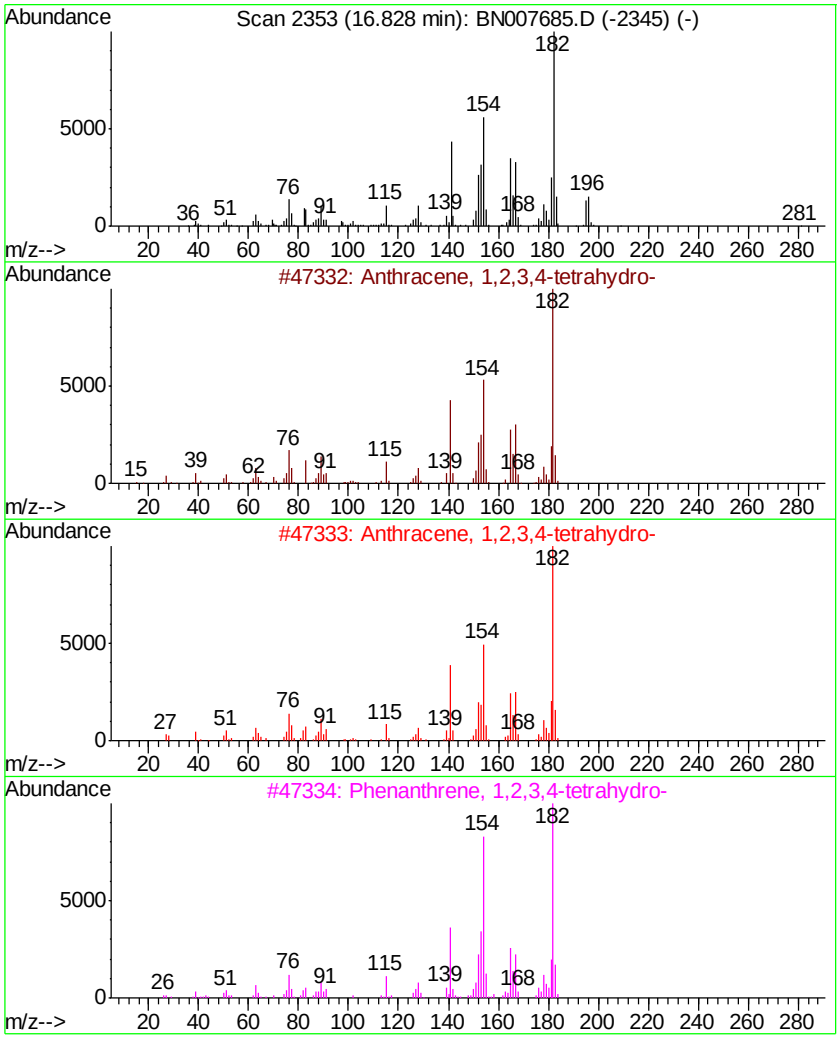
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

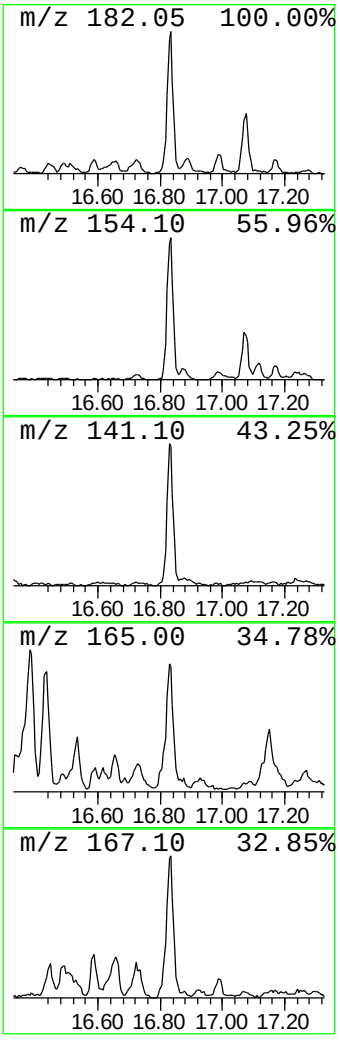
****

Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.13 ng/ul	1025620	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	94
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	68
4	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	58
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007685.D
Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

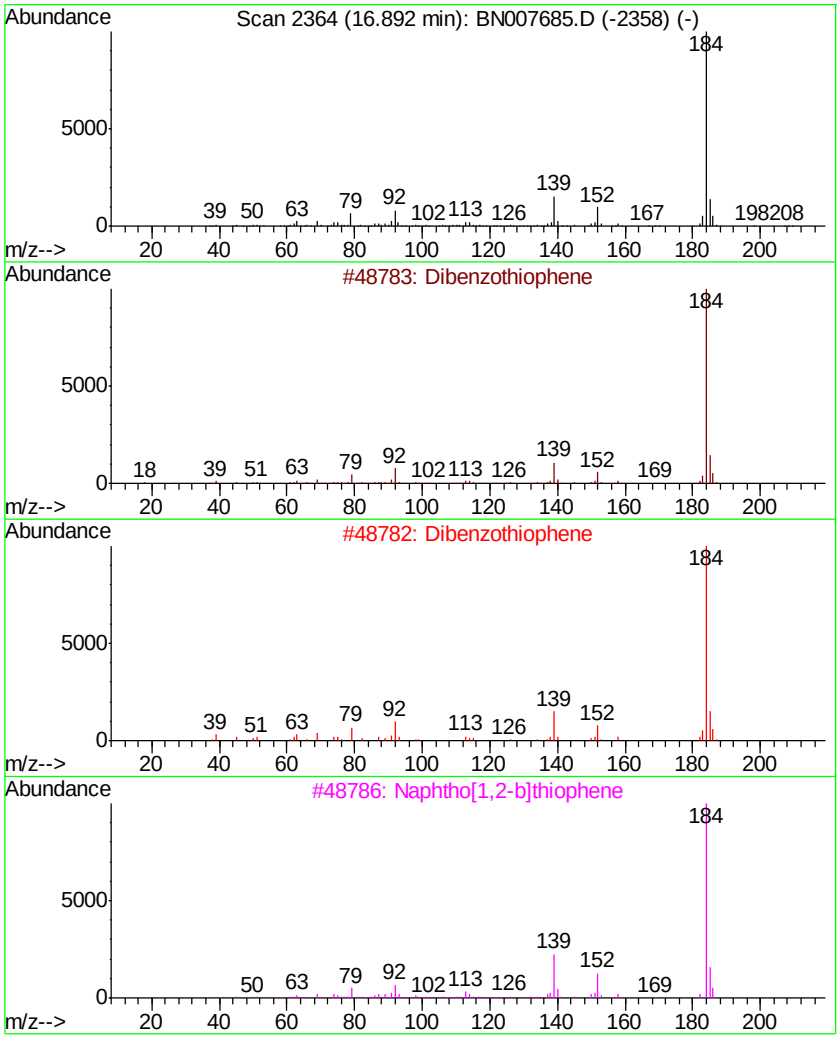
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

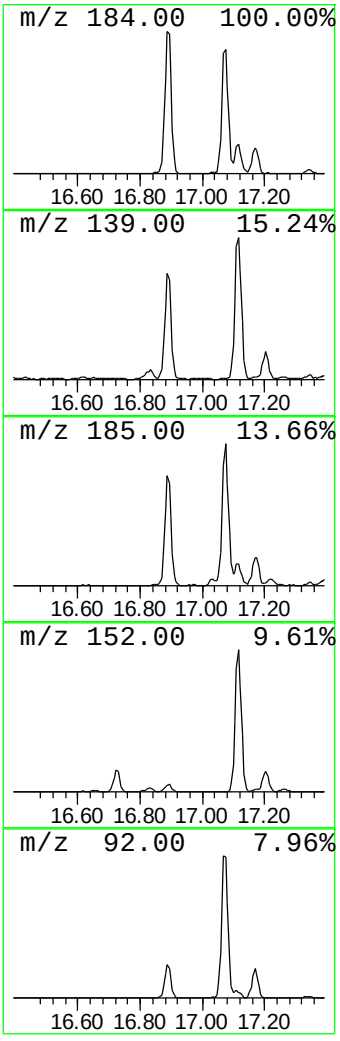
****

Peak Number 4 Dibenzothiophene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	3.16 ng/ul	1518760	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007685.D
Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

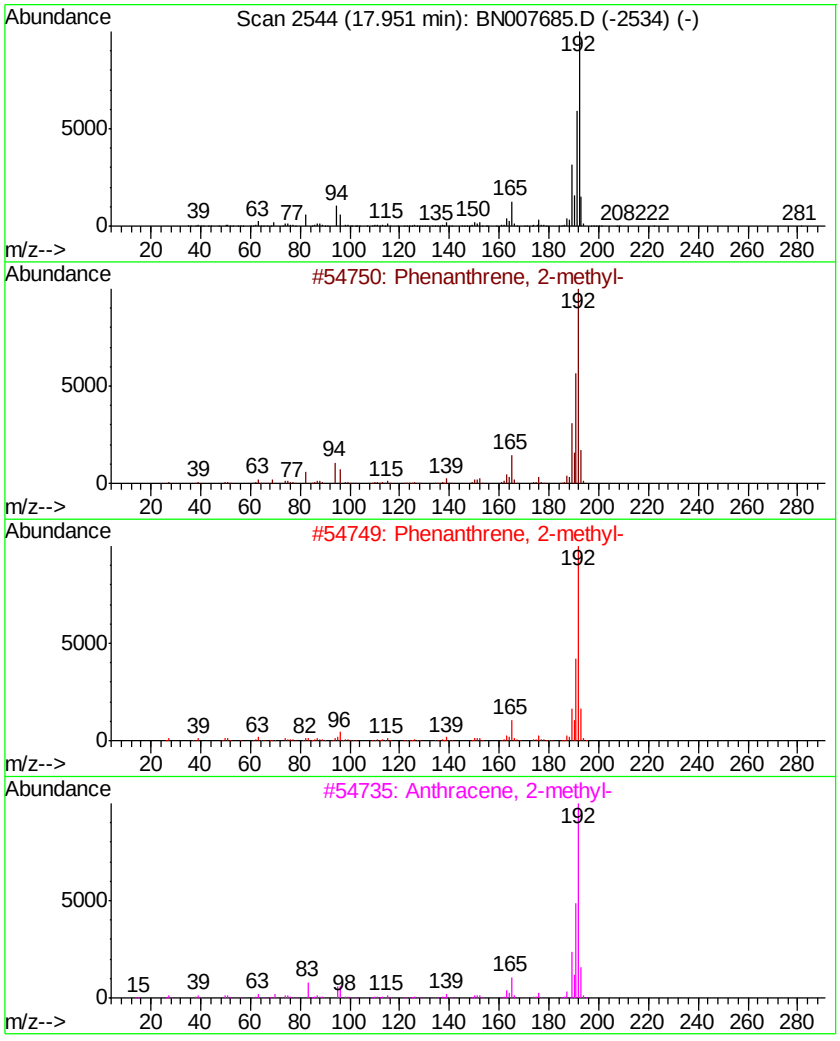
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

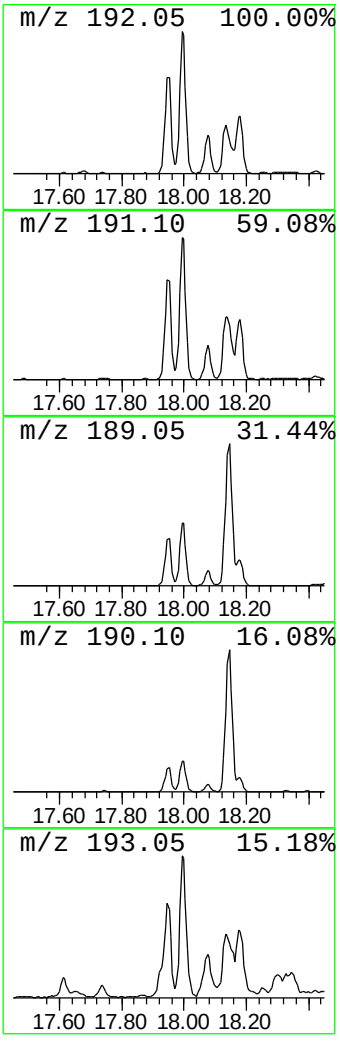
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	6.91 ng/ul	3323420	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

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Quant Title : SVOA CALIBRATION

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

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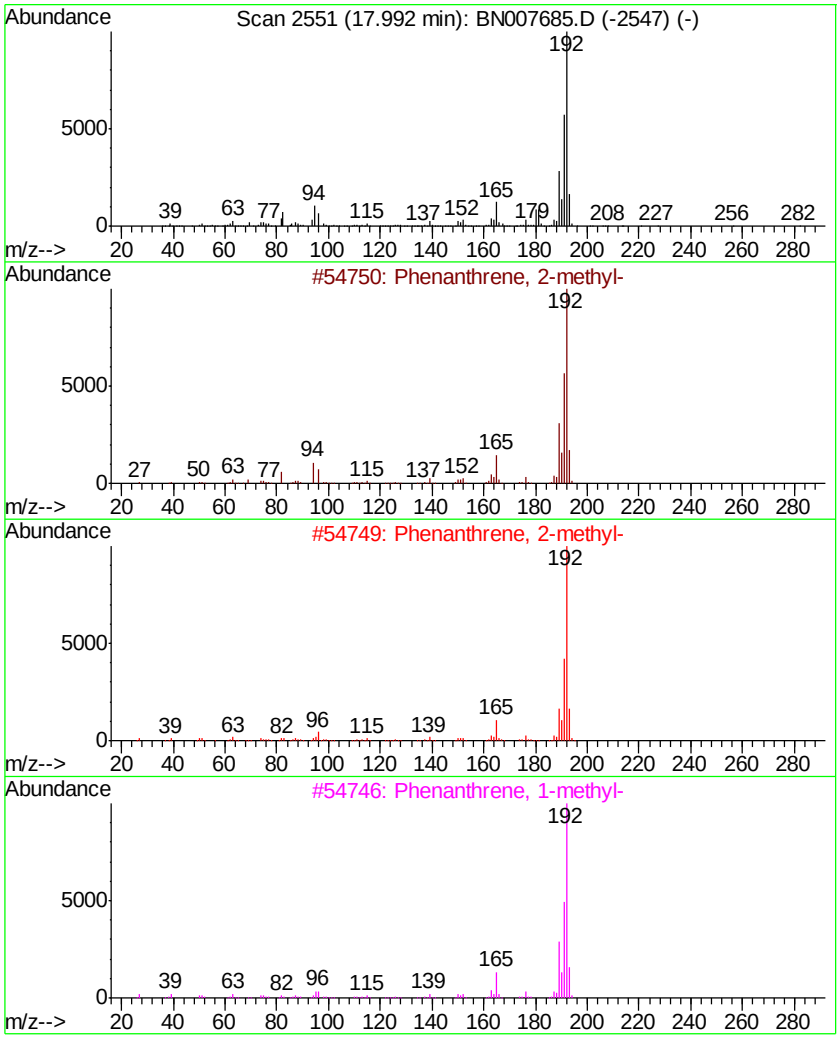
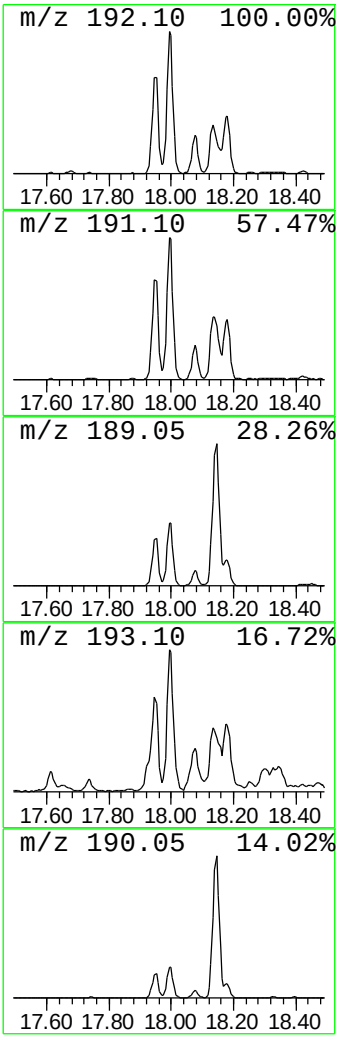
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	10.40 ng/ul	5001060	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId : F2D27MEDL

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Quant Title : SVOA CALIBRATION

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

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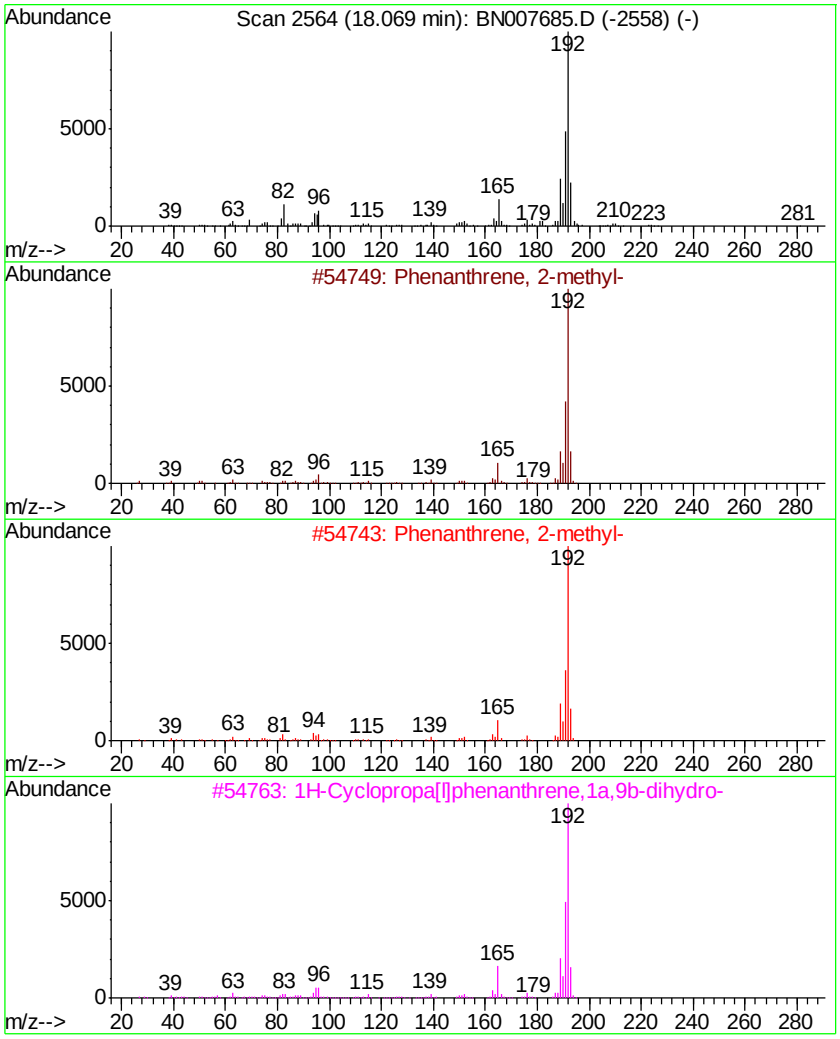
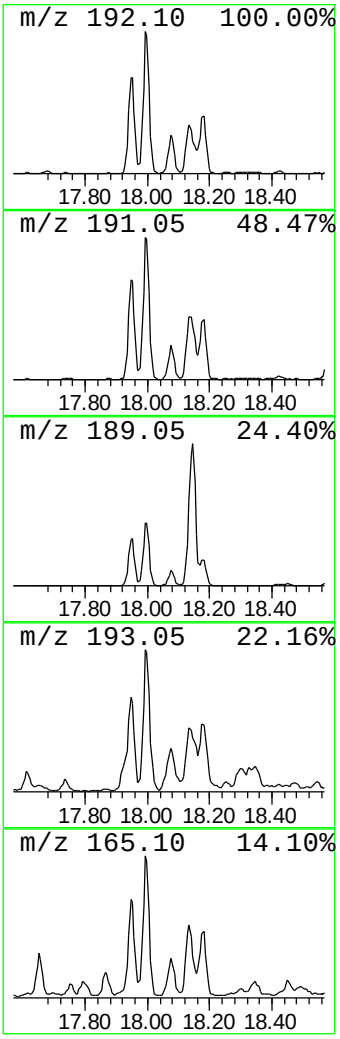
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.73 ng/ul	1313090	Phenanthrene-d10	17.07

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





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Operator : HP/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

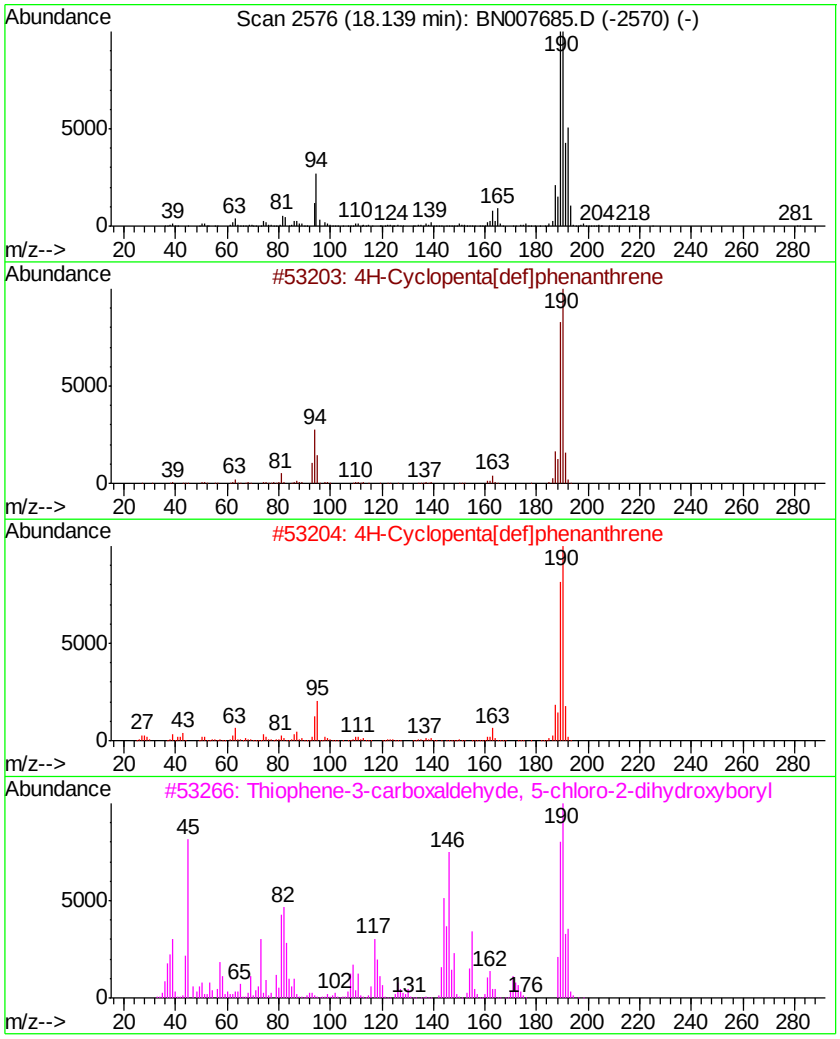
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

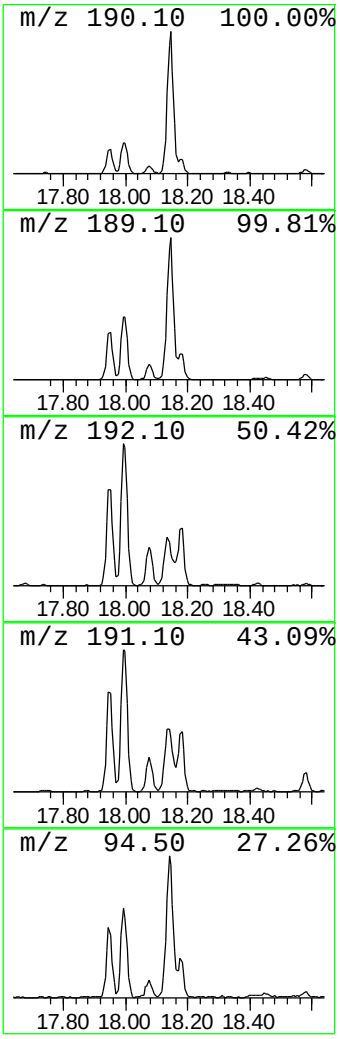
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	10.07 ng/ul	4842190	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38





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Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

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Quant Title : SVOA CALIBRATION

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

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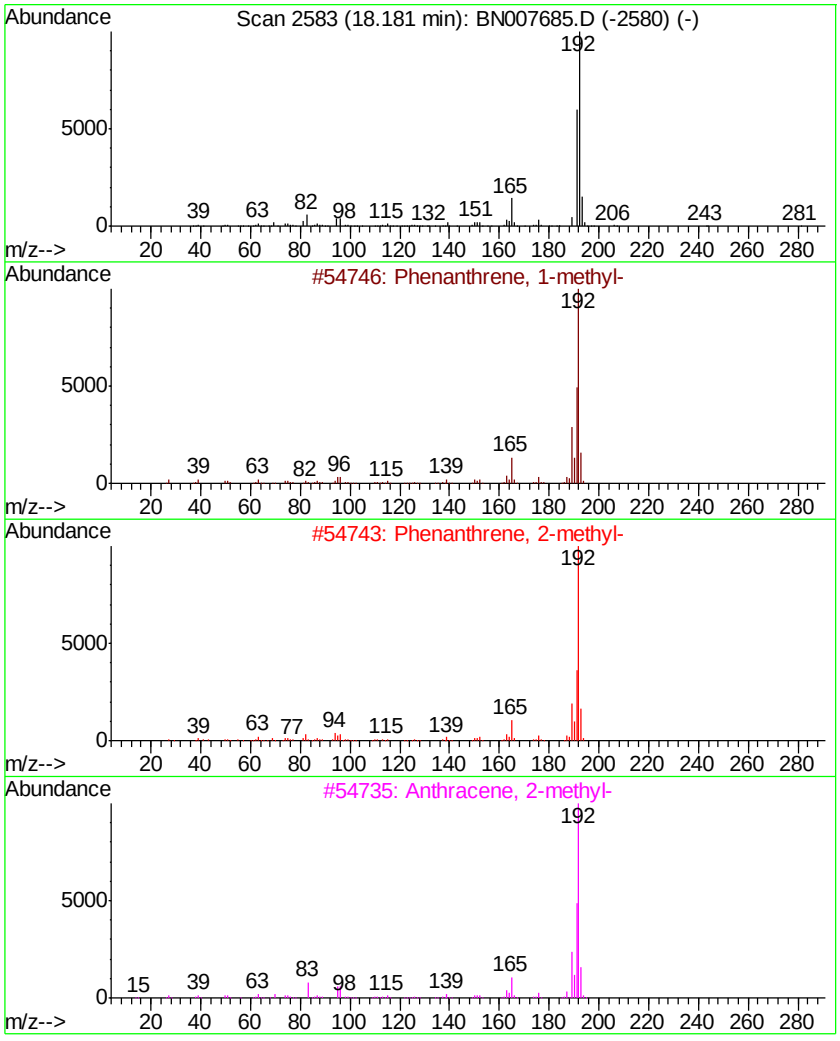
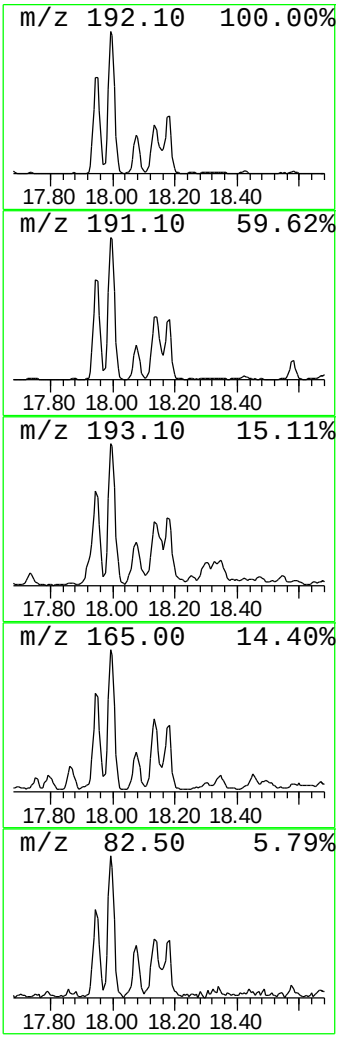
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	3.50 ng/ul	1682320	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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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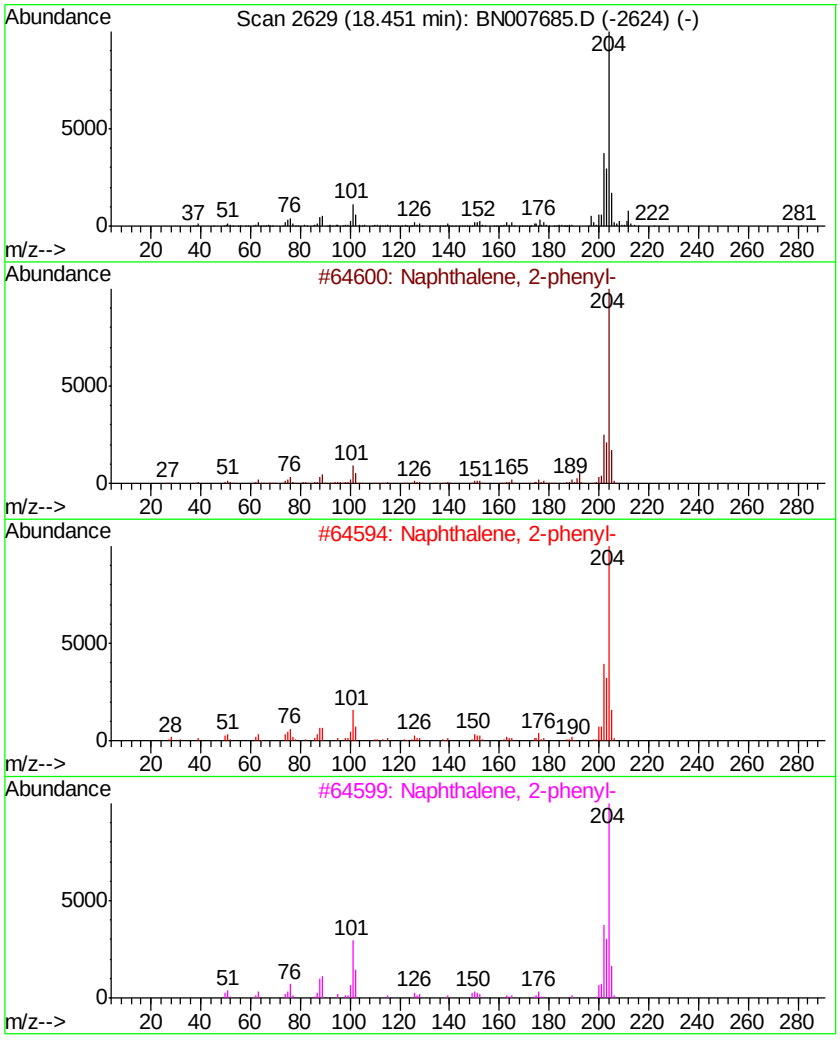
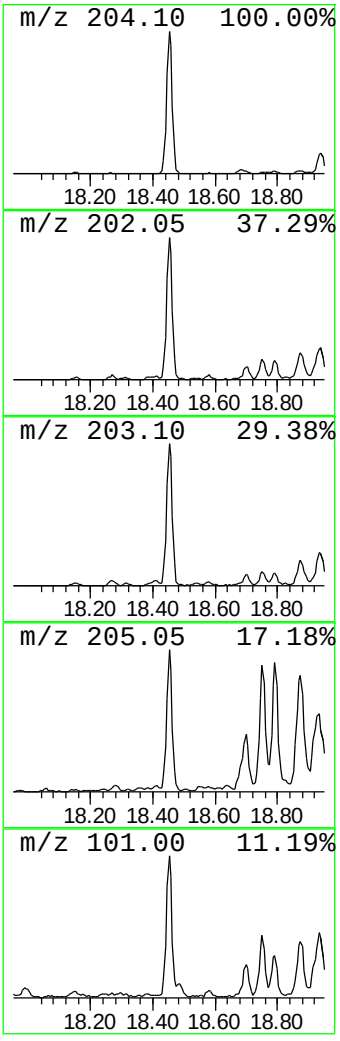
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	4.49 ng/ul	2159900	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89





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Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

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Quant Title : SVOA CALIBRATION

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

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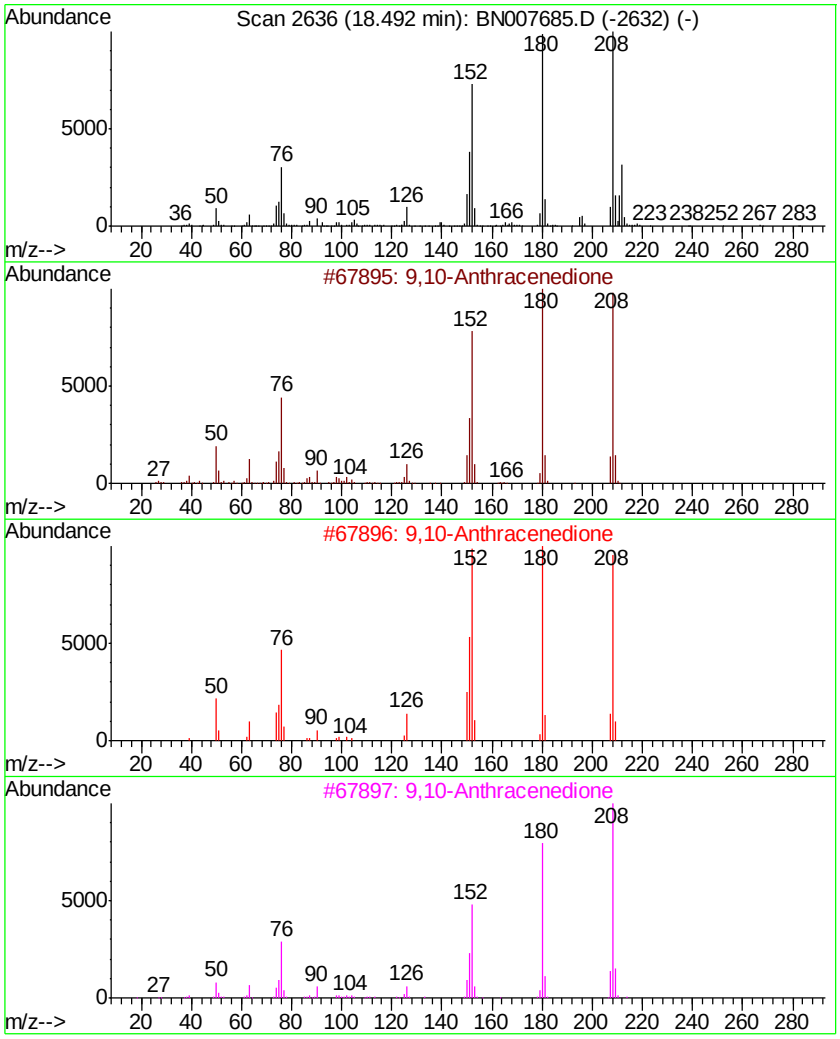
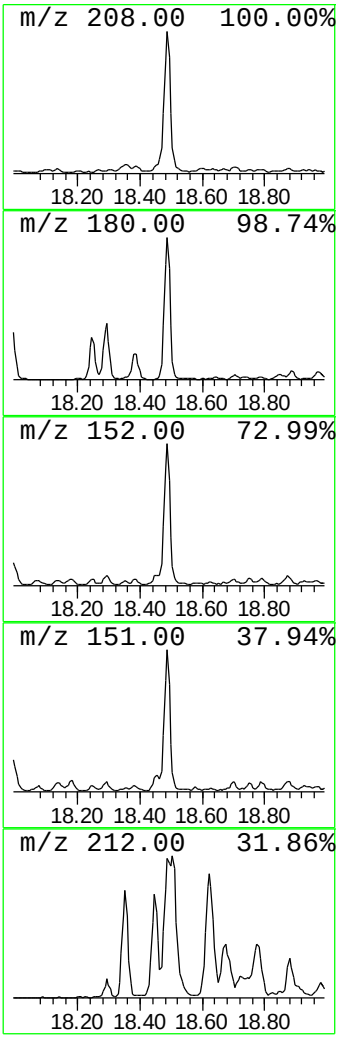
Peak Number 11 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	4.85 ng/ul	2331200	Phenanthrene-d10	17.07

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	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

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Quant Title : SVOA CALIBRATION

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

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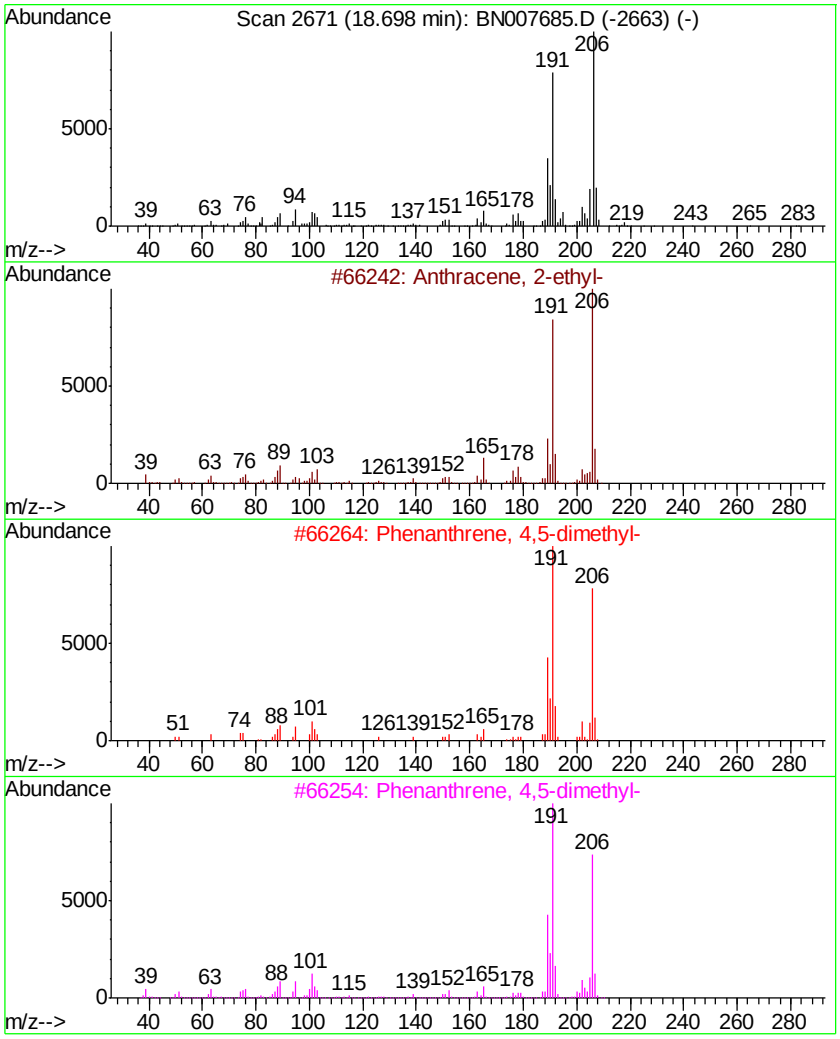
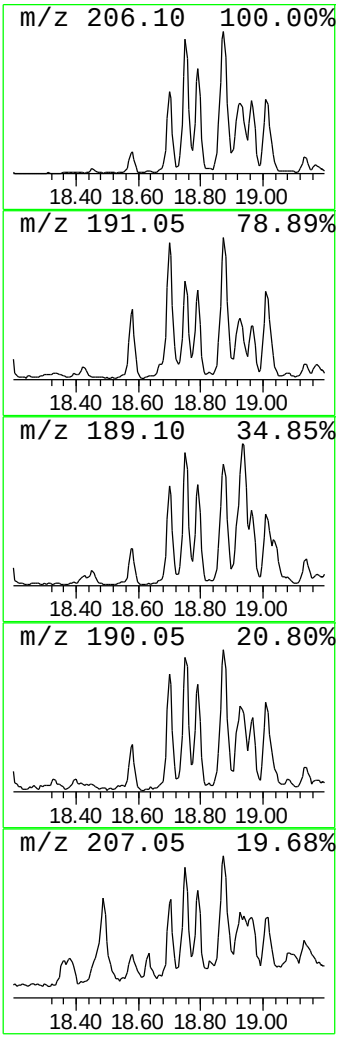
Peak Number 12 Anthracene, 2-ethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.79 ng/ul	1339810	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

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Quant Title : SVOA CALIBRATION

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

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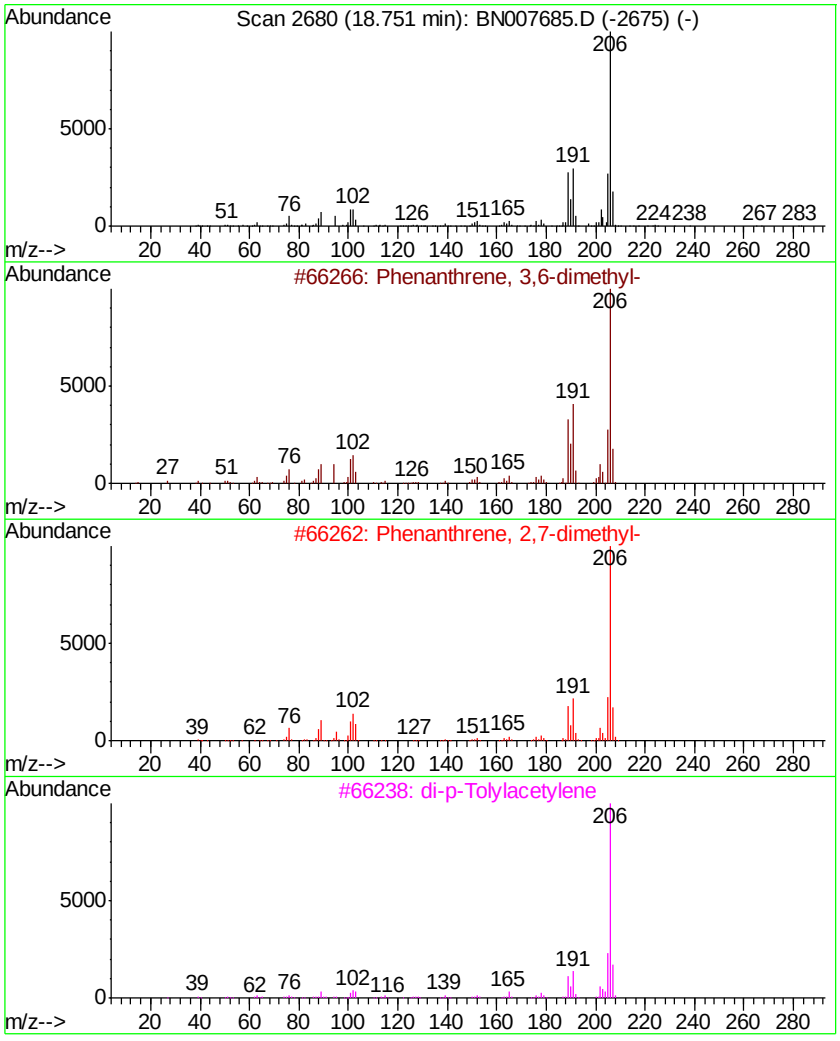
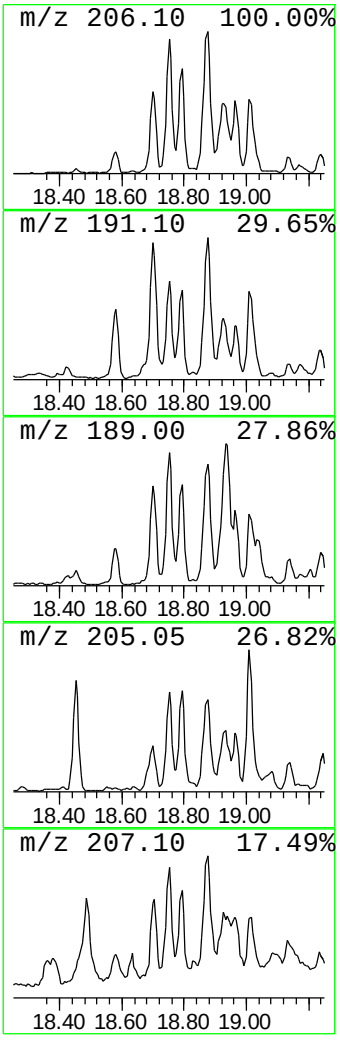
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	2.51 ng/ul	1205440	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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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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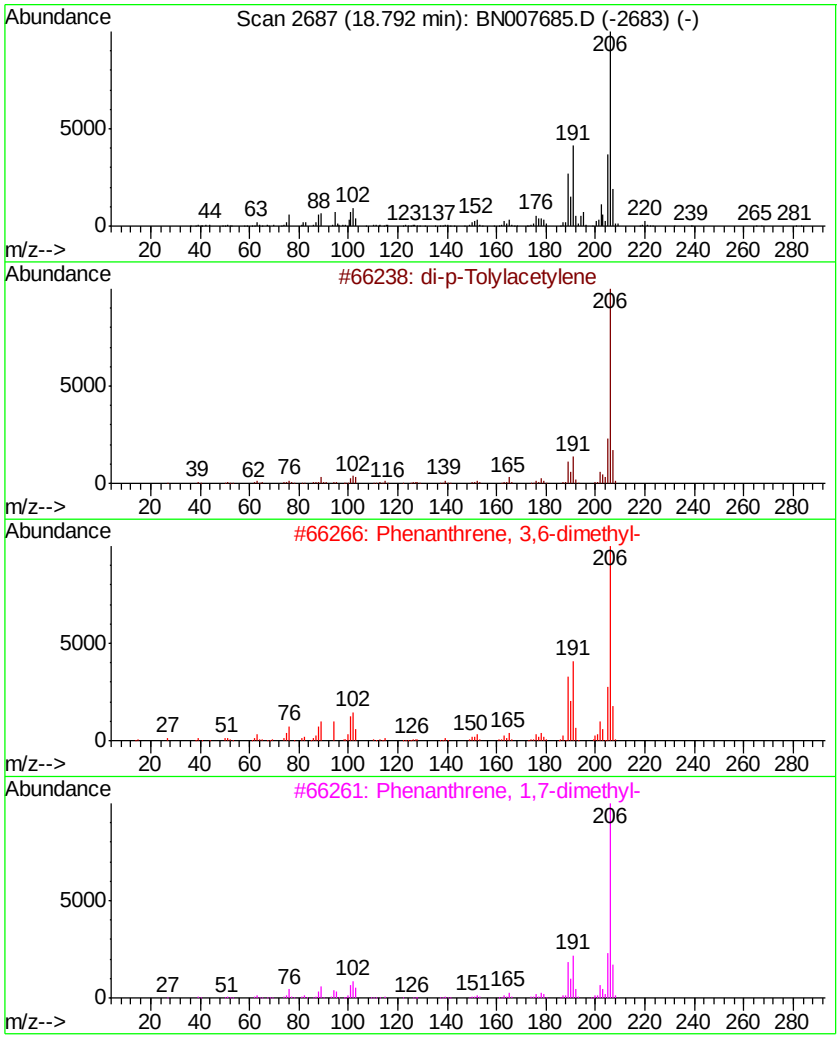
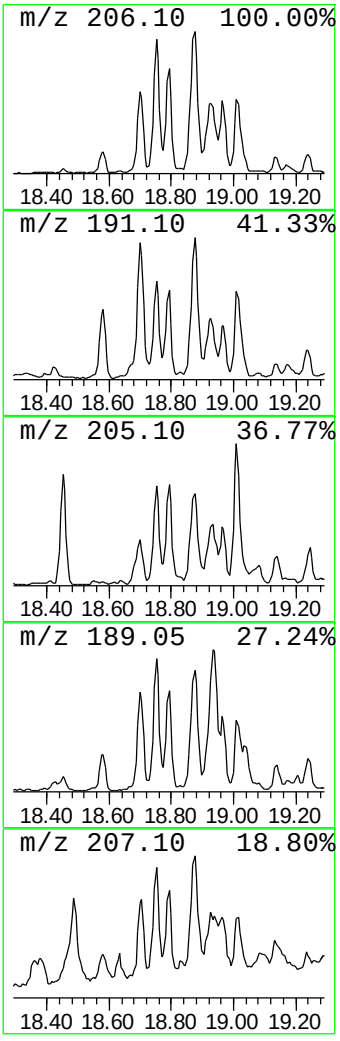
Peak Number 14 di-p-Tolylacetylene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	2.65 ng/ul	1273740	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	83





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Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

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Quant Title : SVOA CALIBRATION

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

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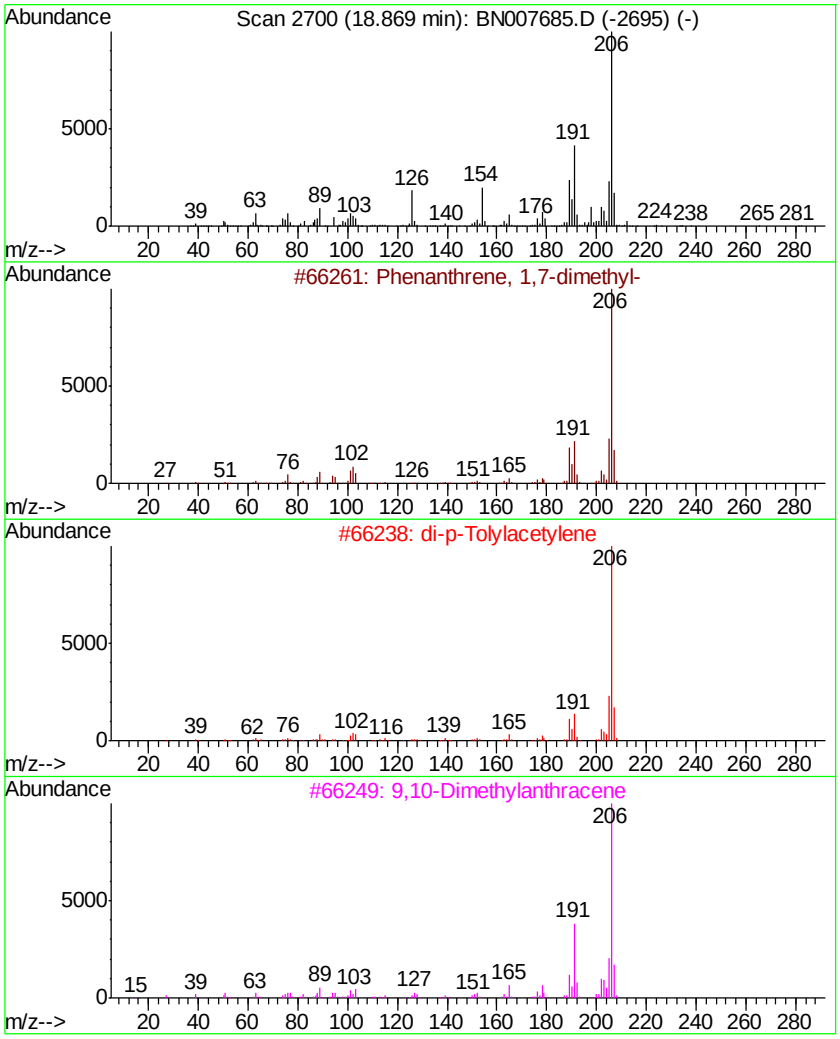
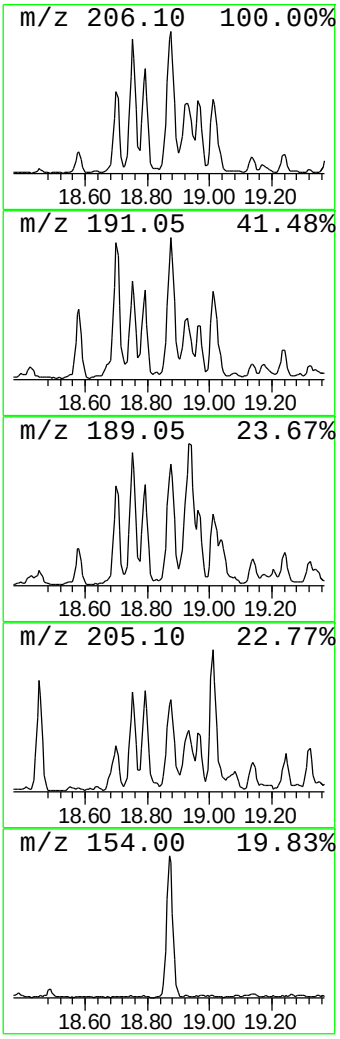
Peak Number 15 Phenanthrene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	5.00 ng/ul	2404480	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





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Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId : F2D27MEDL

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Quant Title : SVOA CALIBRATION

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

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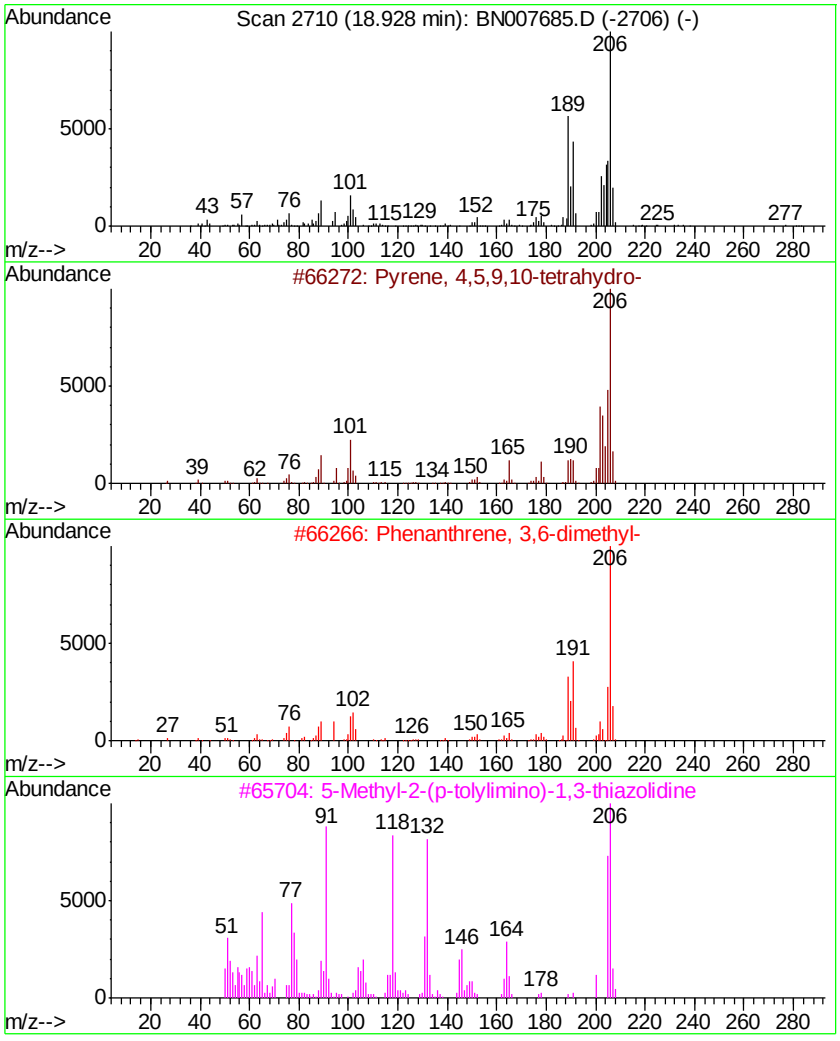
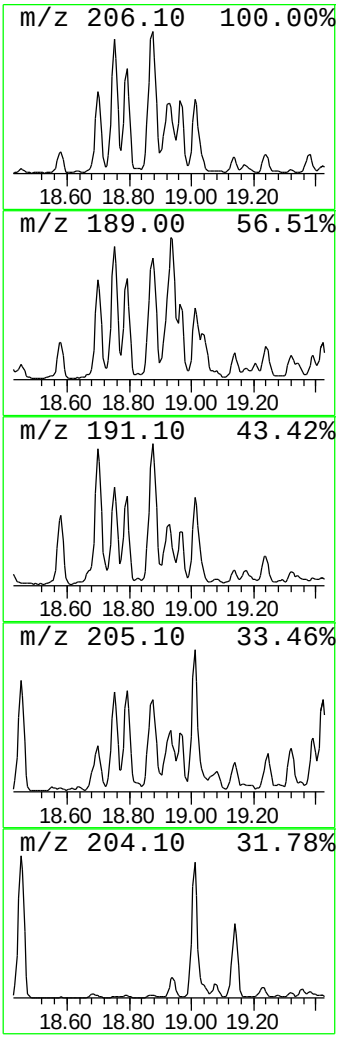
Peak Number 16 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.24 ng/ul	1077100	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	50
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43
3	5-Methyl-2-(p-tolylimino)-1,3-th...	206	C11H14N2S	070446-87-6	38
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38





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Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

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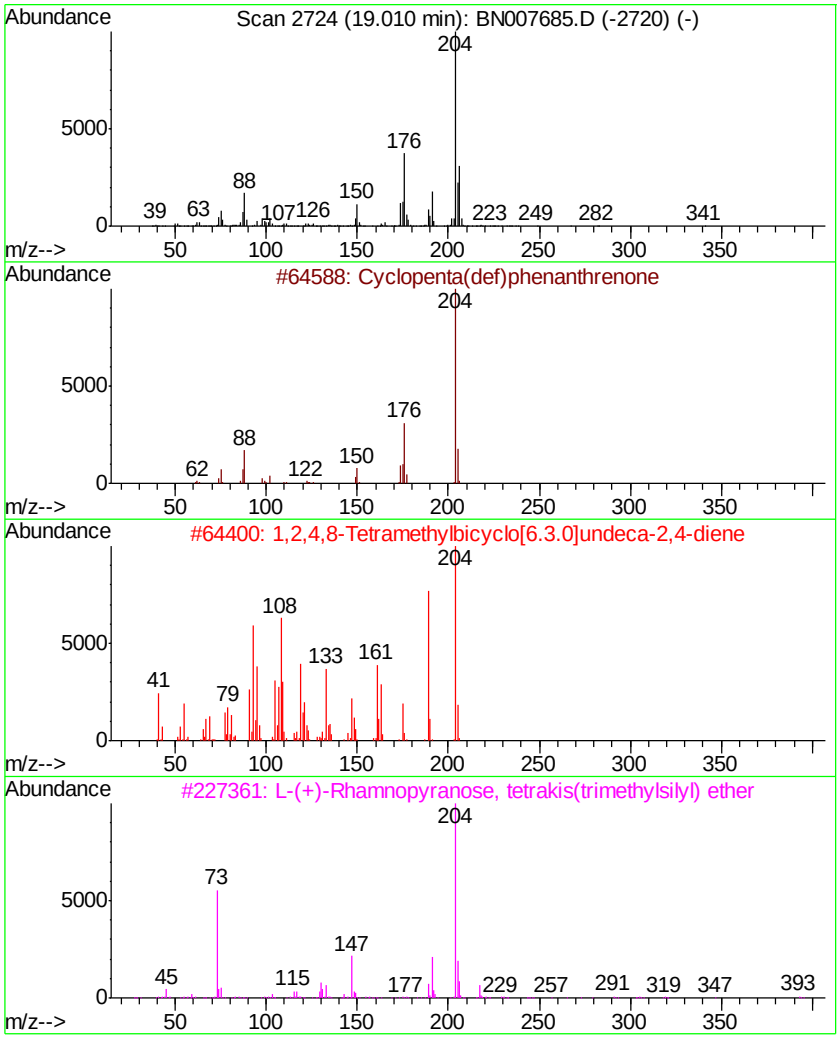
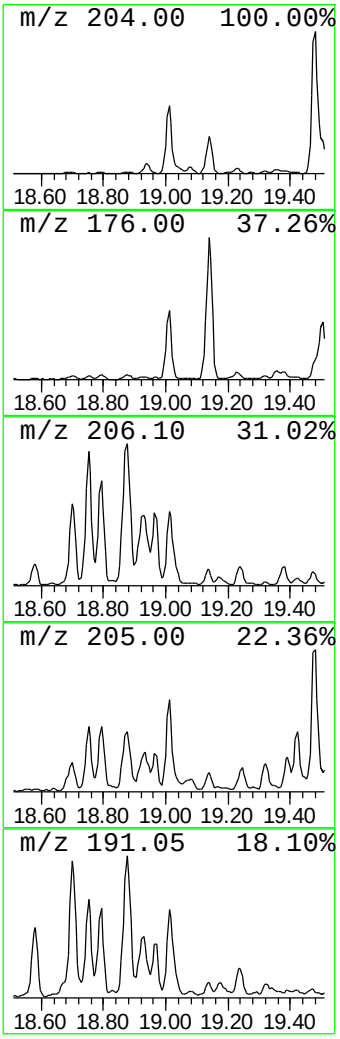
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	5.37 ng/ul	2583190	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
3	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	47
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
5	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47





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Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

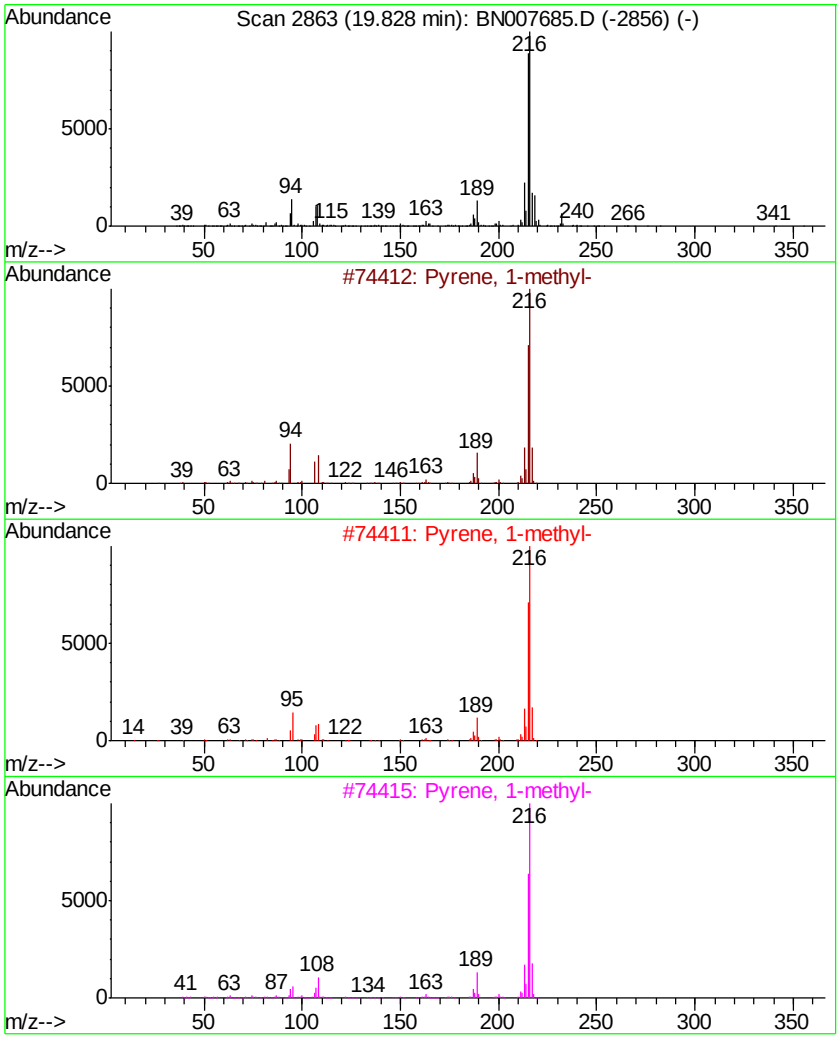
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

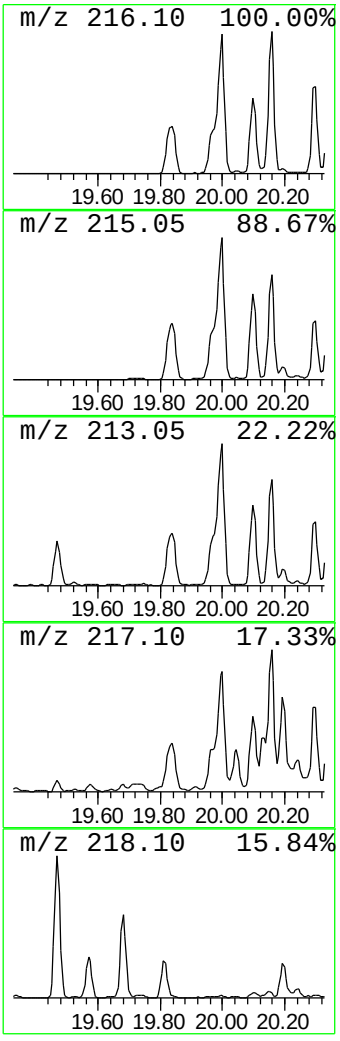
****

Peak Number 18 Pyrene, 1-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.03 ng/ul	5606480	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

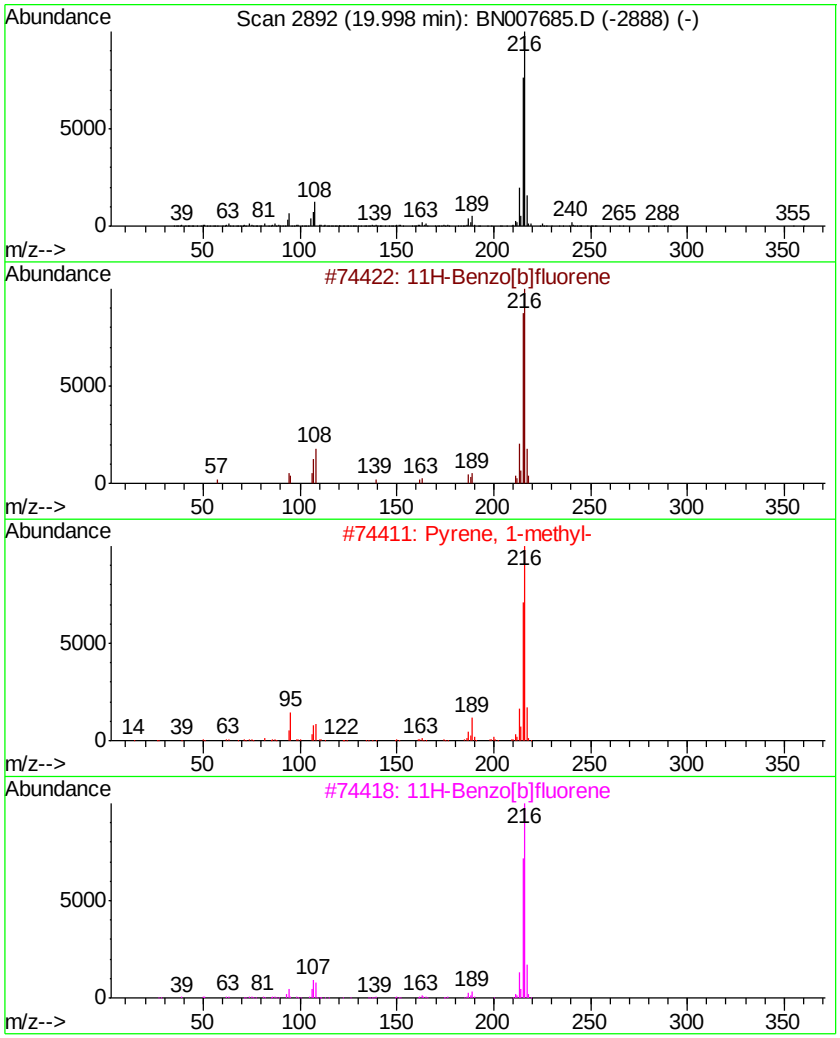
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

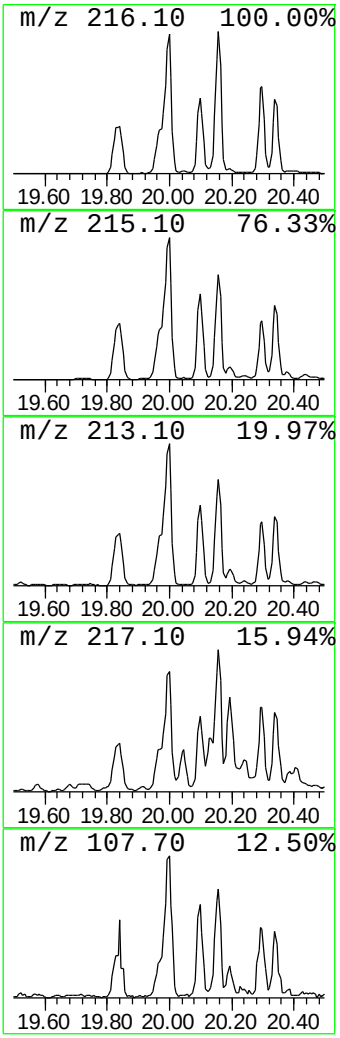
****

Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.79 ng/ul	7679590	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

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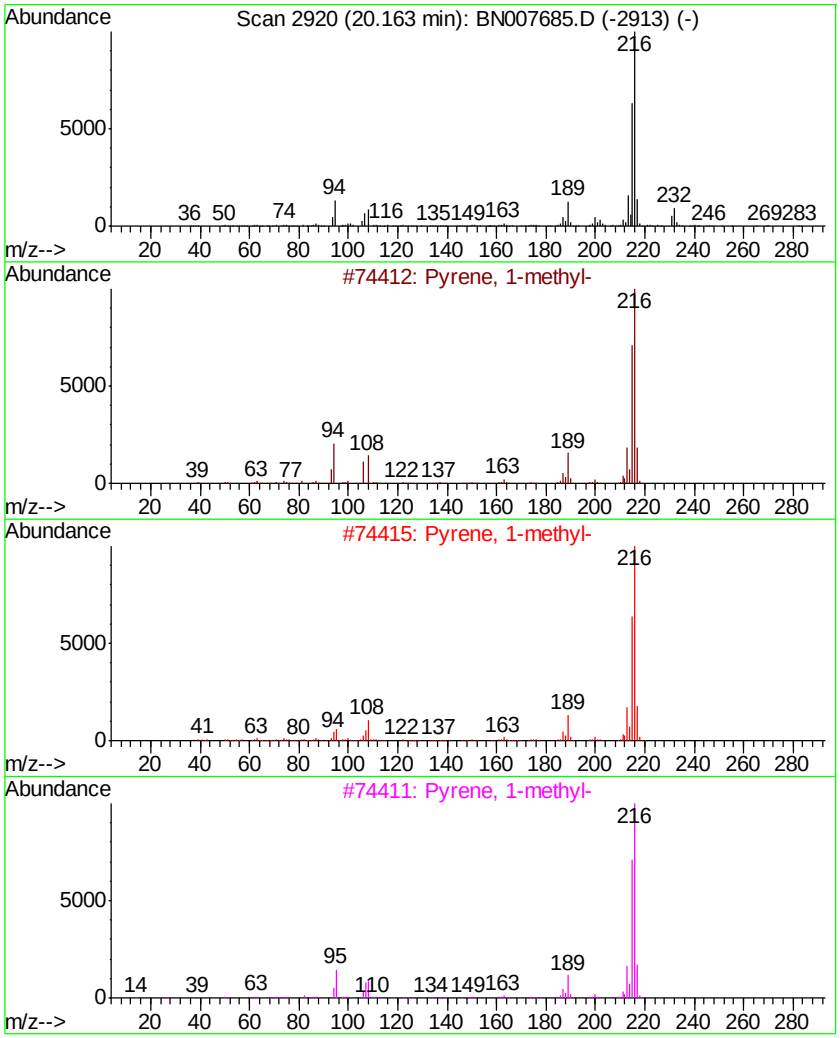
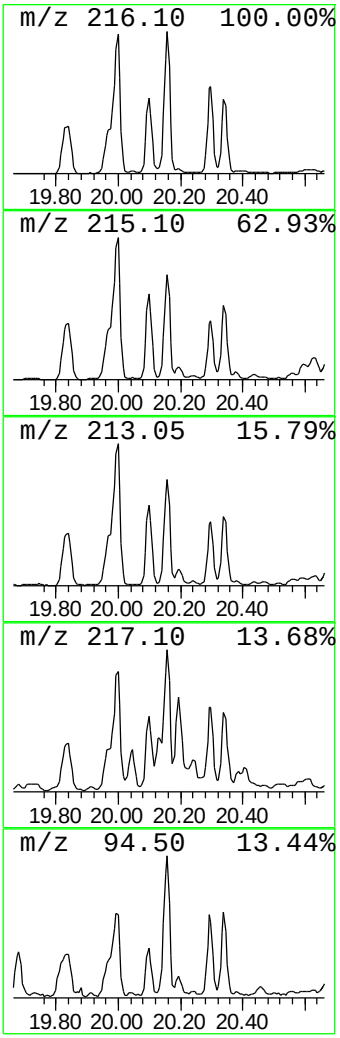
Peak Number 20 Pyrene, 4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	2.93 ng/ul	8087400	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
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	94
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94





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Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

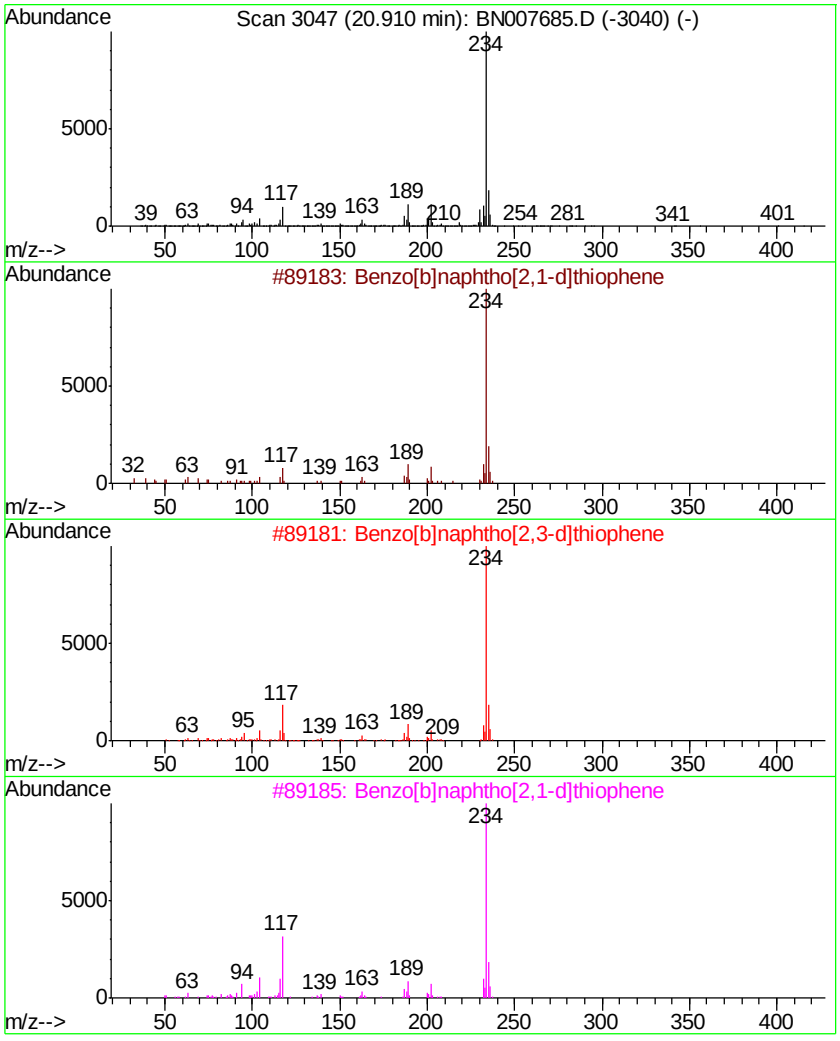
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

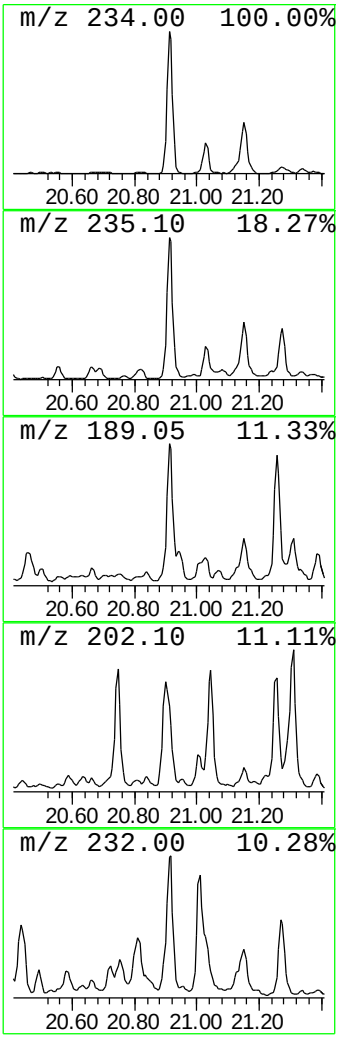
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	4.27 ng/ul	11761900	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91





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Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

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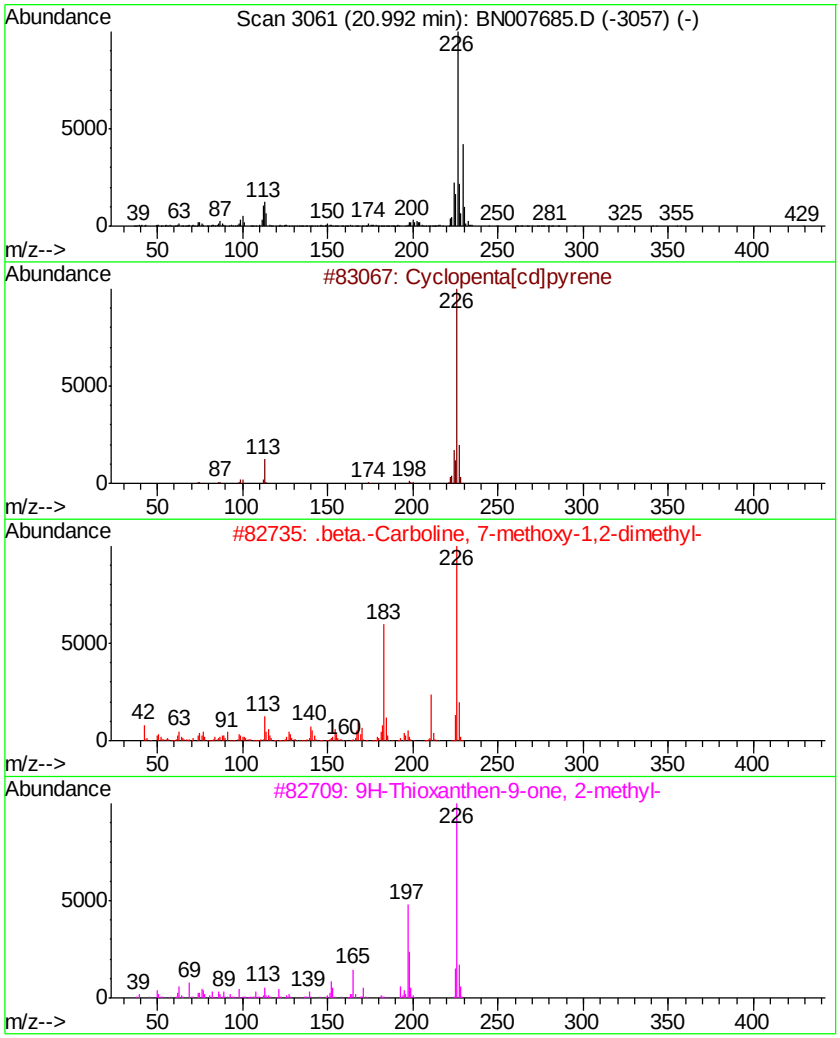
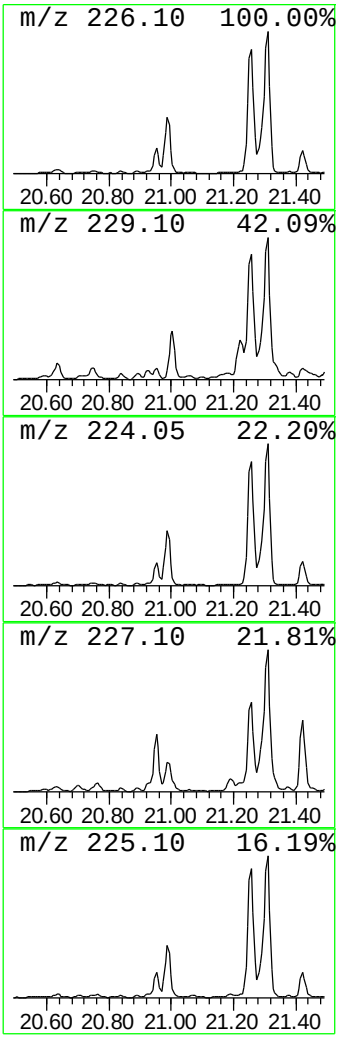
Peak Number 23 Cyclopenta[cd]pyrene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.48 ng/ul	6831190	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
4	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	38
5	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	37





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Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

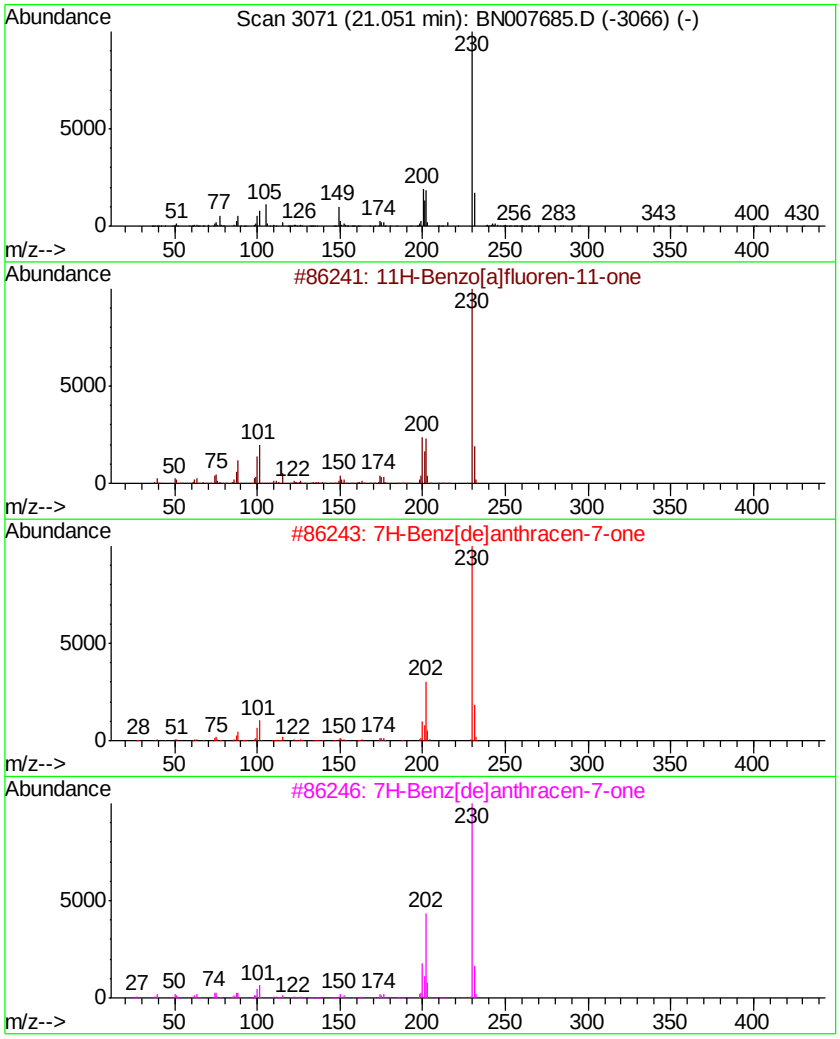
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

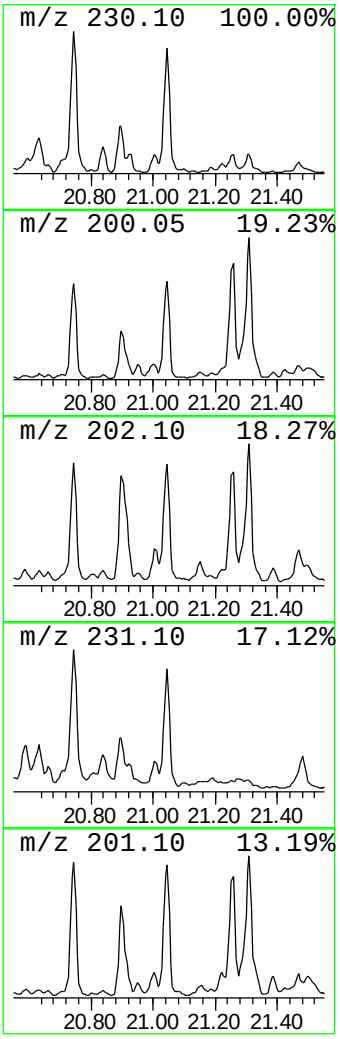
****

Peak Number 24 11H-Benzo[a]fluoren-11-one Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	2.51 ng/ul	6906480	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





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Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

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Quant Title : SVOA CALIBRATION

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

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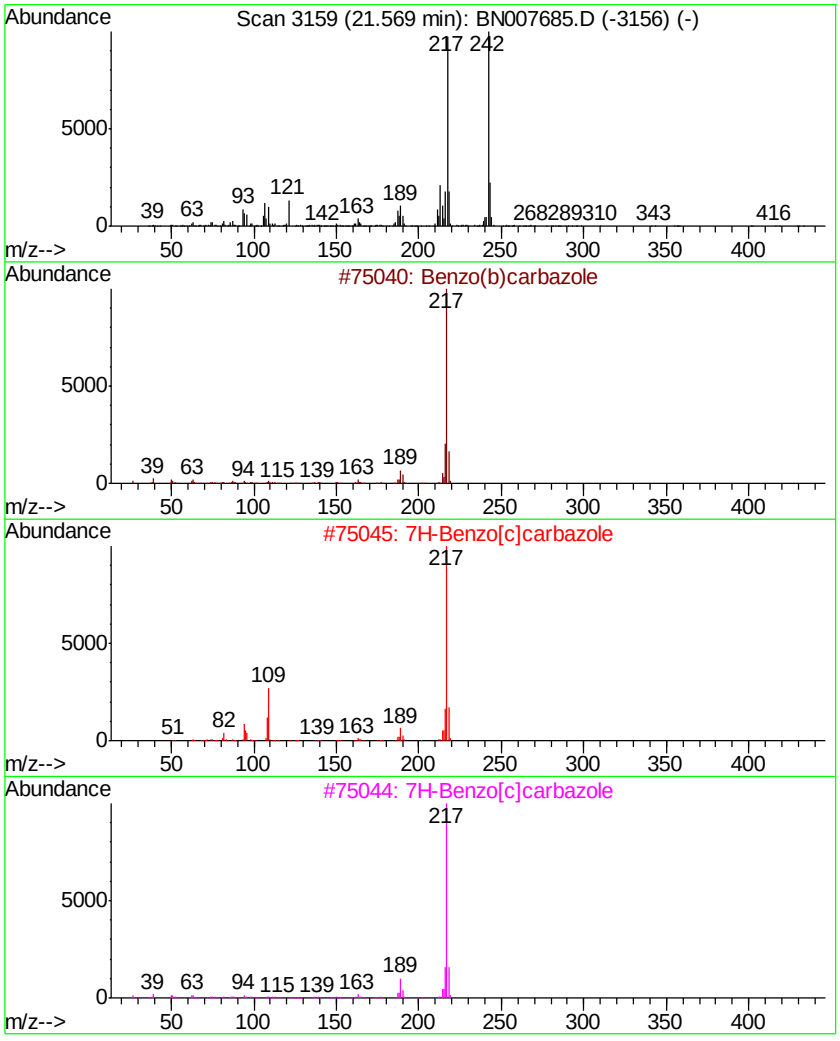
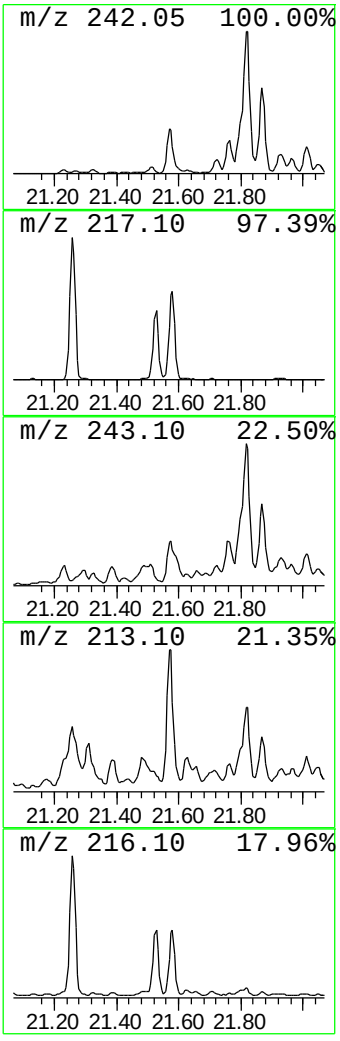
Peak Number 25 Benzo(b)carbazole Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	2.74 ng/ul	7564570	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)carbazole	217	C16H11N	000243-28-7	91
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	70
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
4	1-Aminopyrene	217	C16H11N	001606-67-3	64
5	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	60





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Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

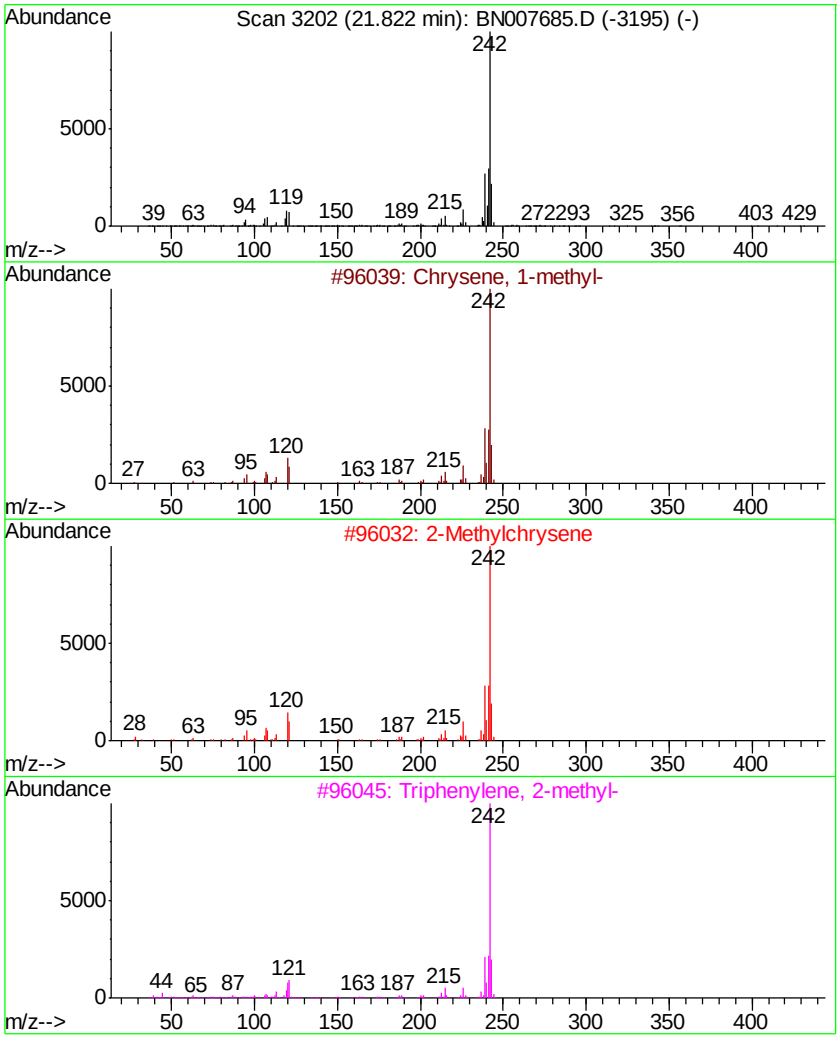
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

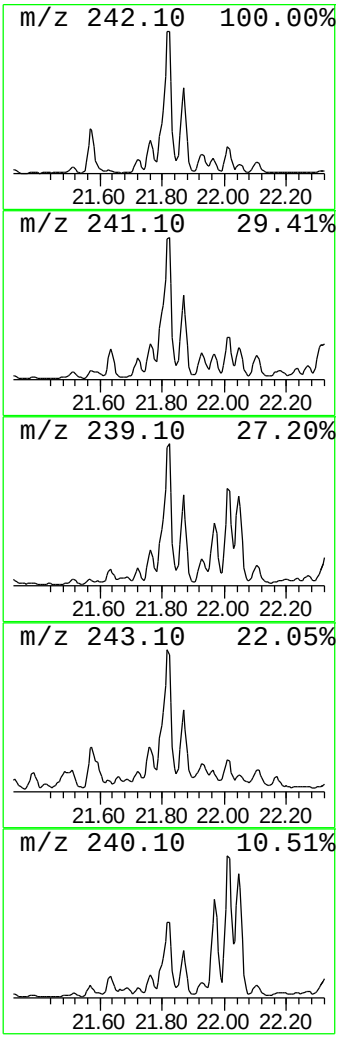
****

Peak Number 26 Chrysene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	4.69 ng/ul	12922700	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2	2-Methylchrysene	242	C19H14	003351-32-4	96
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93





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Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

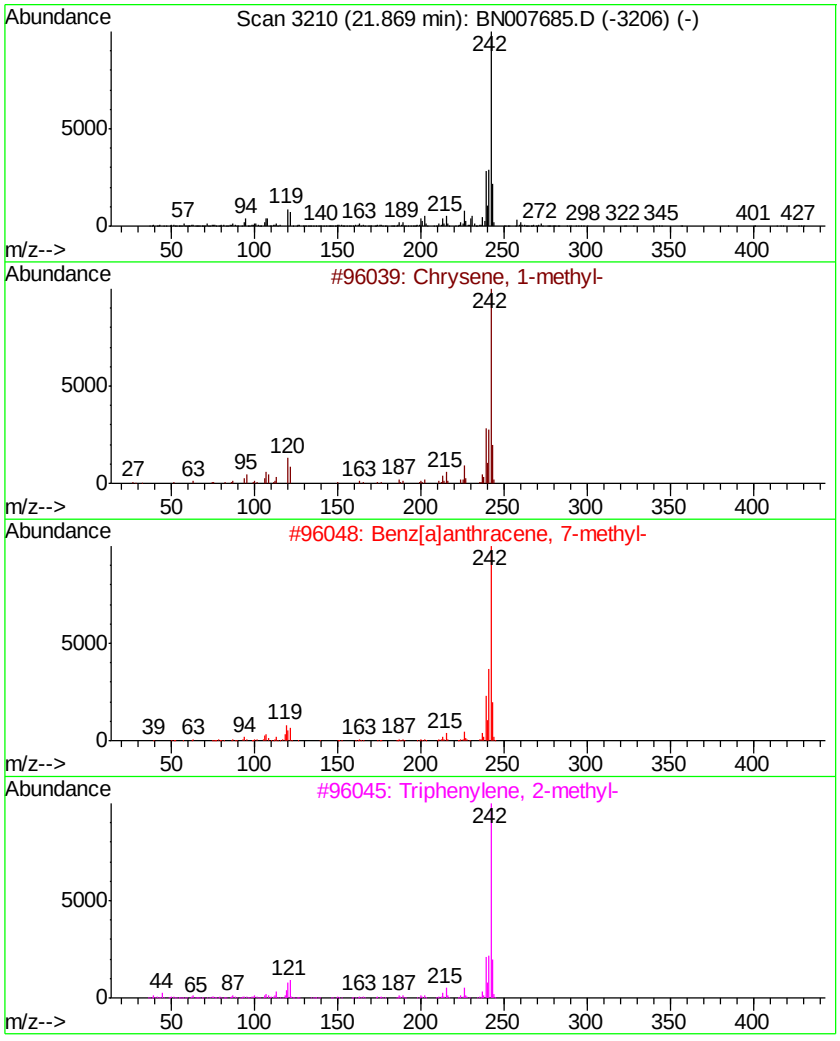
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

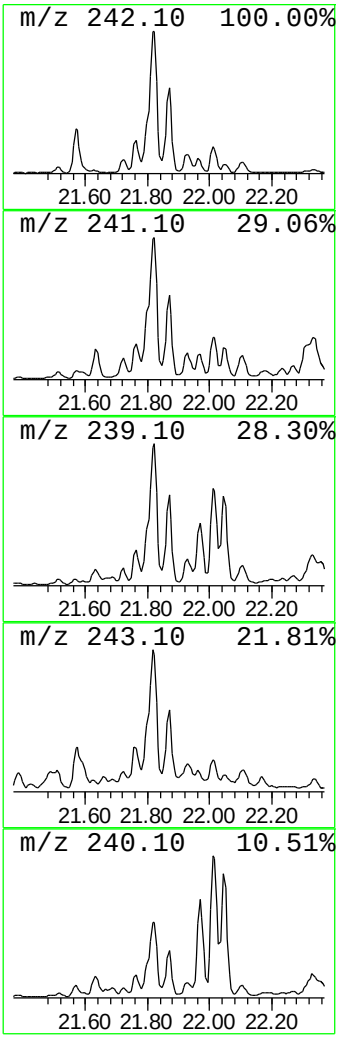
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benz[a]anthracene, 7-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.17 ng/ul	5989070	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
4	2-Methylchrysene	242	C19H14	003351-32-4	93
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93





Library Search Compound Report

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Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

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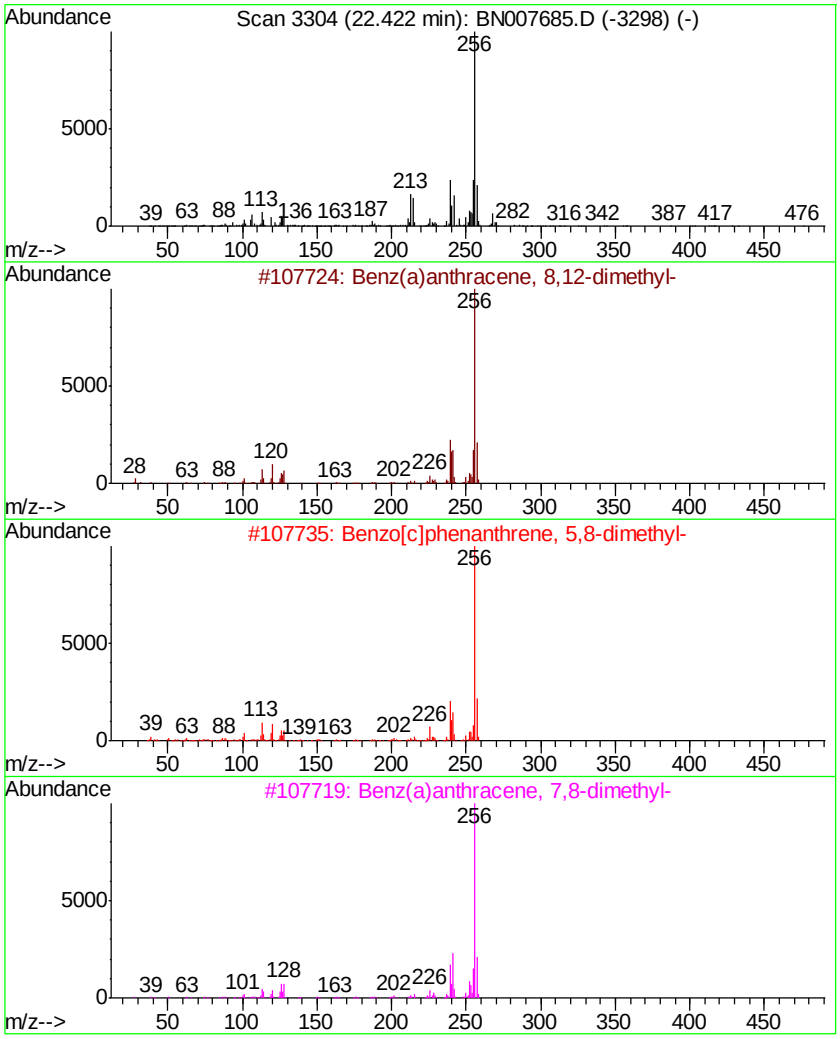
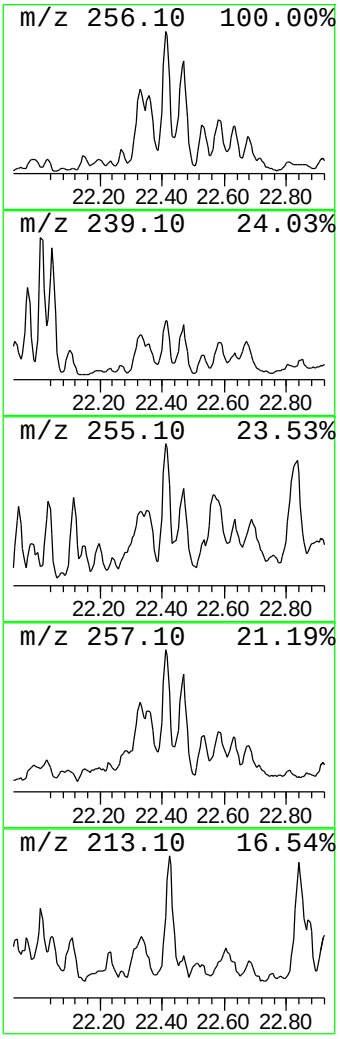
Peak Number 28 Benz(a)anthracene, 8,12-dim... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	5.90 ng/ul	3206990	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	96
2	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	96
3	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	95
4	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	93
5	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	83





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Data File : BN007685.D
Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

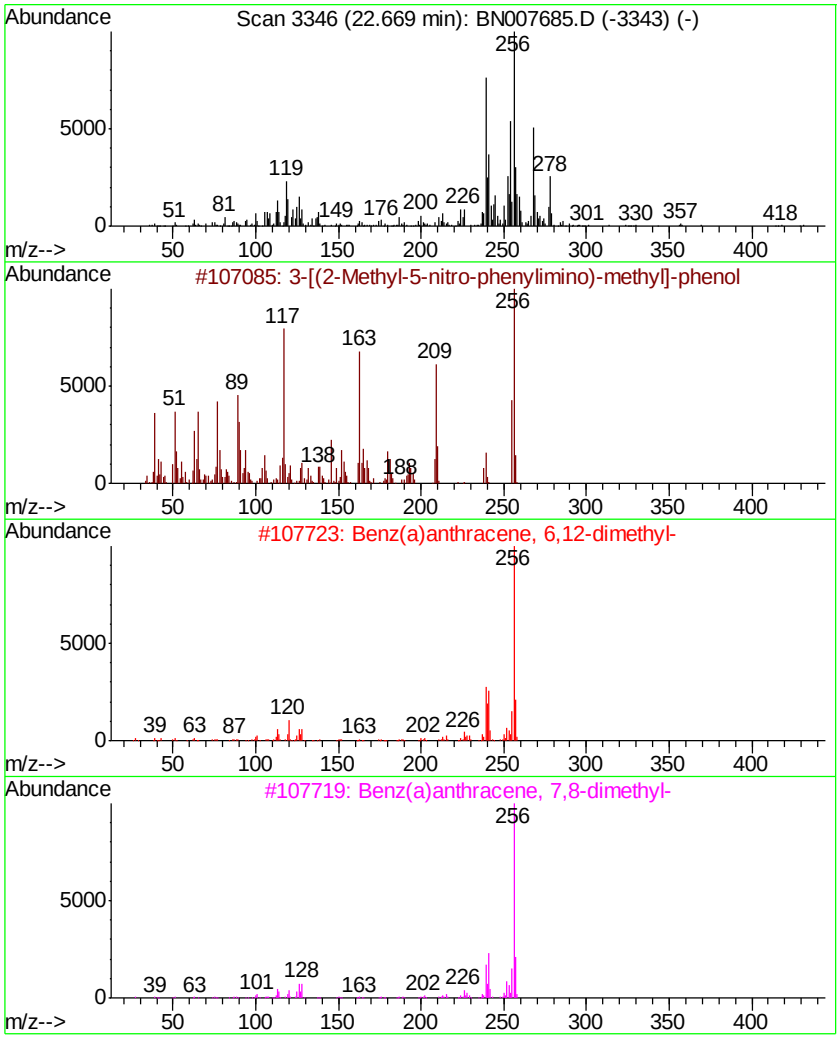
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

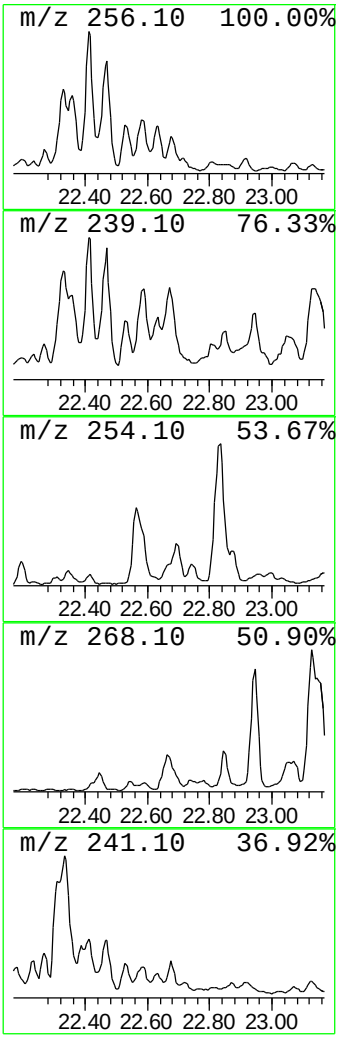
****

Peak Number 31 3-[(2-Methyl-5-nitro-phenyl... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	3.34 ng/ul	1815160	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-[(2-Methyl-5-nitro-phenylimino...	256	C14H12N2O3	1000297-24-5	94
2	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	91
3	Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	87
4	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	86
5	Benz(a)anthracene, 6,8-dimethyl-	256	C20H16	000317-64-6	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007685.D
Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

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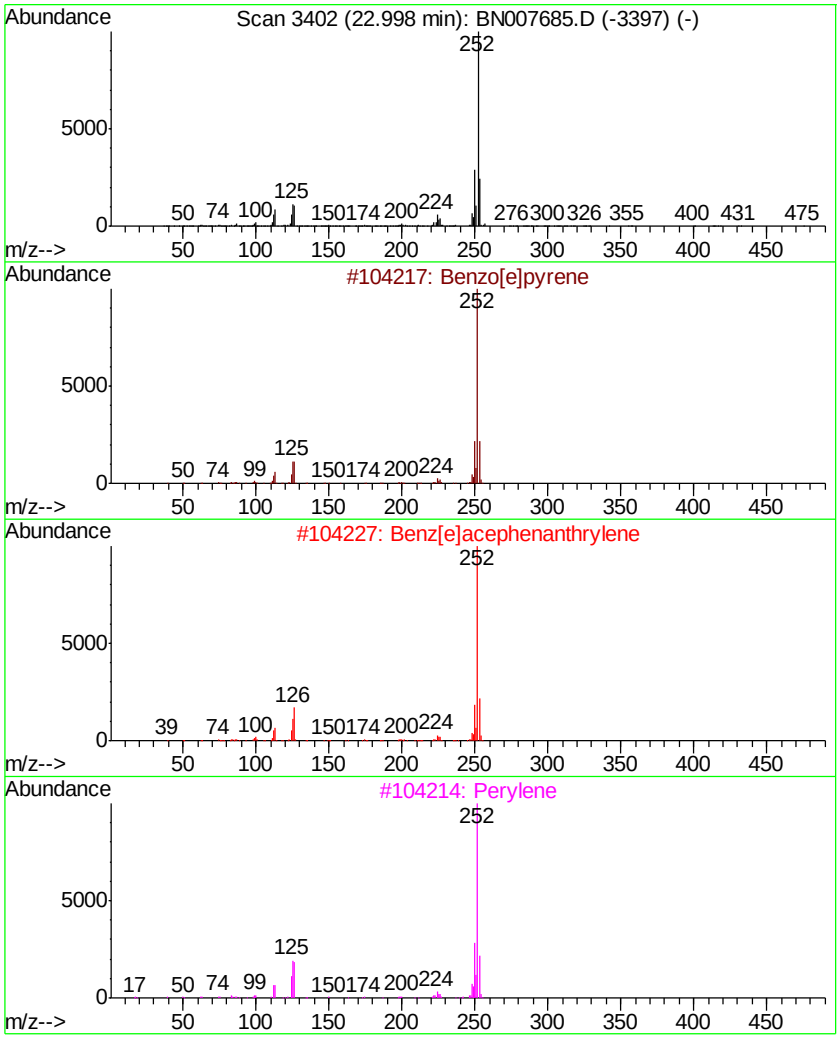
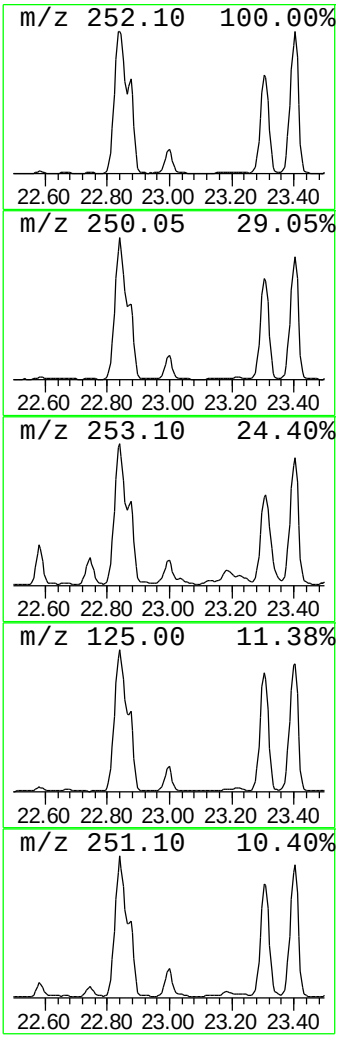
Peak Number 32 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	9.67 ng/ul	5251510	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007685.D
Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

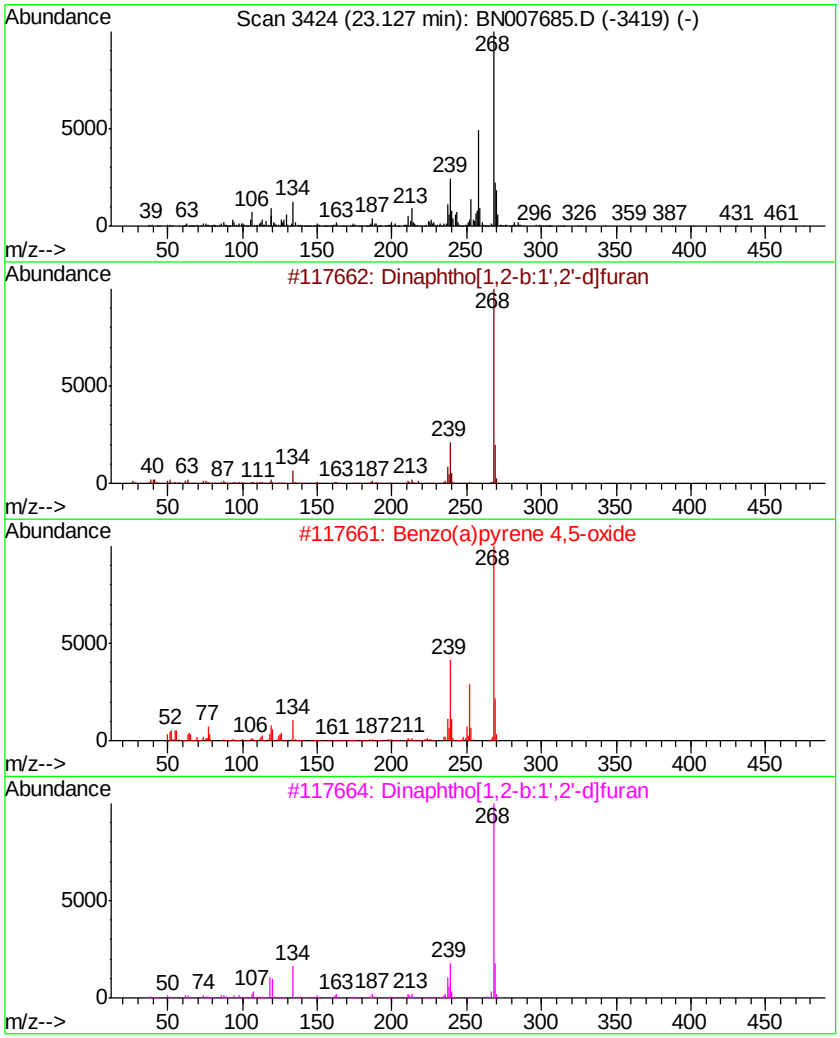
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

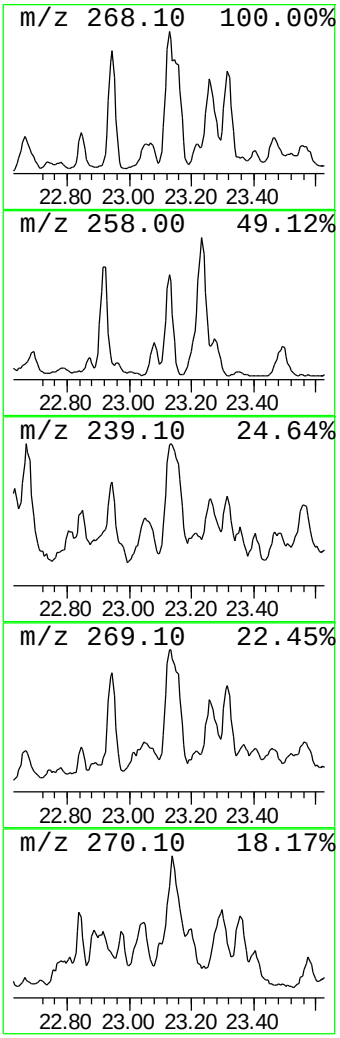
****

Peak Number 33 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	10.35 ng/ul	5622010	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	64
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
3	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	58
4	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	49
5	Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\
Data File : BN007685.D
Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2D27MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	22.8	ng/ul	4139020	1	7.70	3629940	20.0
9H-Fluoren-9-one	16.72	2.9	ng/ul	1372920	4	17.07	9618340	20.0
Anthracene, 1,2,3...	16.83	2.1	ng/ul	1025620	4	17.07	9618340	20.0
Dibenzothiophene	16.89	3.2	ng/ul	1518760	4	17.07	9618340	20.0
Phenanthrene, 2-m...	17.95	6.9	ng/ul	3323420	4	17.07	9618340	20.0
Phenanthrene, 1-m...	17.99	10.4	ng/ul	5001060	4	17.07	9618340	20.0
1H-Cyclopropa[l]p...	18.07	2.7	ng/ul	1313090	4	17.07	9618340	20.0
4H-Cyclopenta[def...	18.14	10.1	ng/ul	4842190	4	17.07	9618340	20.0
Anthracene, 2-met...	18.18	3.5	ng/ul	1682320	4	17.07	9618340	20.0
Naphthalene, 2-ph...	18.45	4.5	ng/ul	2159900	4	17.07	9618340	20.0
9,10-Anthracenedione	18.49	4.8	ng/ul	2331200	4	17.07	9618340	20.0
Anthracene, 2-ethyl-	18.70	2.8	ng/ul	1339810	4	17.07	9618340	20.0
Phenanthrene, 3,6...	18.75	2.5	ng/ul	1205440	4	17.07	9618340	20.0
di-p-Tolylacetylene	18.79	2.6	ng/ul	1273740	4	17.07	9618340	20.0
Phenanthrene, 1,7...	18.87	5.0	ng/ul	2404480	4	17.07	9618340	20.0
Pyrene, 4,5,9,10-...	18.93	2.2	ng/ul	1077100	4	17.07	9618340	20.0
Cyclopenta(def)ph...	19.01	5.4	ng/ul	2583190	4	17.07	9618340	20.0
Pyrene, 1-methyl-	19.83	2.0	ng/ul	5606480	5	21.27	55117900	20.0
11H-Benzo[b]fluorene	20.00	2.8	ng/ul	7679590	5	21.27	55117900	20.0
Pyrene, 4-methyl-	20.16	2.9	ng/ul	8087400	5	21.27	55117900	20.0
Benzo[b]naphtho[2...	20.91	4.3	ng/ul	11761900	5	21.27	55117900	20.0
Cyclopenta[cd]pyrene	20.99	2.5	ng/ul	6831190	5	21.27	55117900	20.0
11H-Benzo[a]fluor...	21.05	2.5	ng/ul	6906480	5	21.27	55117900	20.0
Benzo(b)carbazole	21.57	2.7	ng/ul	7564570	5	21.27	55117900	20.0
Chrysene, 1-methyl-	21.82	4.7	ng/ul	12922700	5	21.27	55117900	20.0
Benz[a]anthracene...	21.87	2.2	ng/ul	5989070	5	21.27	55117900	20.0
Benz(a)anthracene...	22.42	5.9	ng/ul	3206990	6	23.49	10862700	20.0
3-[(2-Methyl-5-ni...	22.67	3.3	ng/ul	1815160	6	23.49	10862700	20.0
Benzo[e]pyrene	23.00	9.7	ng/ul	5251510	6	23.49	10862700	20.0
Dinaphtho[1,2-b:1...	23.13	10.4	ng/ul	5622010	6	23.49	10862700	20.0