LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009653.D
Acq On : 07 Feb 2020 19:14
Operator : CG/JU
Sample : L1324-19DL 30X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.434	749	756	767	rBV	584124	926646	11.11%	1.457%
2	10.181	1215	1223	1233	rBV	794899	1336860	16.02%	2.103%
3	13.522	1781	1791	1797	rBV2	65740	150953	1.81%	0.237%
4	13.622	1804	1808	1812	rBV2	58872	77398	0.93%	0.122%
5	13.786	1826	1836	1850	rBV	532943	888319	10.65%	1.397%
6	14.004	1868	1873	1878	rBV	60372	92967	1.11%	0.146%
7	14.069	1878	1884	1891	rVV	1179855	1722658	20.65%	2.709%
8	14.133	1891	1895	1903	rVB	64582	96024	1.15%	0.151%
9	14.698	1985	1991	1999	rBV3	77970	152593	1.83%	0.240%
10	14.957	2030	2035	2041	rVB3	103581	186521	2.24%	0.293%
11	15.039	2042	2049	2051	rVV2	42366	70811	0.85%	0.111%
12	15.075	2051	2055	2059	rVB2	100415	143071	1.71%	0.225%
13	15.145	2059	2067	2077	rVB	59502	153919	1.84%	0.242%
14	15.251	2077	2085	2094	rBV3	84057	148191	1.78%	0.233%
15	15.339	2094	2100	2103	rBV3	40327	84695	1.02%	0.133%
16	15.827	2176	2183	2186	rBV3	108909	206121	2.47%	0.324%
17	16.139	2229	2236	2241	rVV6	50347	125724	1.51%	0.198%
18	16.192	2241	2245	2250	rVV2	45144	73753	0.88%	0.116%
19	16.286	2257	2261	2267	rVB3	45813	76023	0.91%	0.120%
20	16.569	2304	2309	2314	rVV7	34877	65476	0.78%	0.103%
21	16.621	2314	2318	2325	rVV2	78947	169991	2.04%	0.267%
22	16.821	2345	2352	2357	rBV	1307457	1925902	23.09%	3.029%
23	16.863	2357	2359	2364	rVV	356549	463475	5.56%	0.729%
24	16.921	2364	2369	2371	rVV3	55103	84650	1.01%	0.133%
25	16.957	2371	2375	2382	rVV	348313	514596	6.17%	0.809%
26	17.021	2382	2386	2393	rVB6	50256	106516	1.28%	0.168%
27	17.351	2438	2442	2447	rVV2	222738	327945	3.93%	0.516%
28	17.404	2447	2451	2458	rVB	104130	158740	1.90%	0.250%
29	17.521	2466	2471	2474	rBV2	70867	120231	1.44%	0.189%
30	17.551	2474	2476	2481	rVB2	66933	92043	1.10%	0.145%
31	17.704	2497	2502	2506	rBV	199489	290909	3.49%	0.458%
32	17.751	2506	2510	2516	rVB	373474	496283	5.95%	0.781%
33	17.833	2519	2524	2528	rBV	105533	149203	1.79%	0.235%
34	17.892	2528	2534	2539	rBV2	1058546	1763827	21.14%	2.774%

LSC Area Percent Report

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Acq On : 07 Feb 2020 19:14
Operator : CG/JU
Sample : L1324-19DL 30X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	17.933	2539	2541	2550	rVB	272477	323456	3.88%	0.509%
36	18.021	2550	2556	2559	rBV3	60238	95783	1.15%	0.151%
37	18.104	2566	2570	2574	rVB2	71450	87208	1.05%	0.137%
38	18.168	2574	2581	2583	rBV4	47183	83886	1.01%	0.132%
39	18.210	2583	2588	2591	rVV2	308923	413879	4.96%	0.651%
40	18.257	2591	2596	2602	rVB2	692276	956471	11.46%	1.504%
41	18.368	2611	2615	2621	rVB5	38402	90912	1.09%	0.143%
42	18.433	2621	2626	2628	rBV	77160	113297	1.36%	0.178%
43	18.463	2628	2631	2636	rVB3	53520	64699	0.78%	0.102%
44	18.510	2636	2639	2643	rBV	83897	99955	1.20%	0.157%
45	18.551	2643	2646	2651	rVB	114762	148757	1.78%	0.234%
46	18.633	2655	2660	2665	rBV2	419635	686028	8.22%	1.079%
47	18.698	2665	2671	2674	rVV2	263510	416335	4.99%	0.655%
48	18.727	2674	2676	2680	rVB	147109	146971	1.76%	0.231%
49	18.774	2680	2684	2691	rBV	652910	1072097	12.85%	1.686%
50	18.898	2697	2705	2713	rVB	3610051	4773534	57.22%	7.507%
51	18.968	2713	2717	2720	rBV	142887	197590	2.37%	0.311%
52	19.004	2720	2723	2726	rVB4	55401	63342	0.76%	0.100%
53	19.051	2726	2731	2735	rVB	700912	887871	10.64%	1.396%
54	19.110	2736	2741	2744	rBV2	243457	342663	4.11%	0.539%
55	19.139	2744	2746	2748	rVV	90916	99185	1.19%	0.156%
56	19.168	2748	2751	2758	rVB	167091	263102	3.15%	0.414%
57	19.263	2758	2767	2776	rBV	5795686	8342540	100.00%	13.121%
58	19.351	2776	2782	2787	rVB3	161248	295618	3.54%	0.465%
59	19.445	2795	2798	2801	rBV2	69127	74307	0.89%	0.117%
60	19.504	2805	2808	2815	rVB7	104808	182689	2.19%	0.287%
61	19.598	2819	2824	2834	rBV2	451373	952416	11.42%	1.498%
62	19.686	2835	2839	2842	rBV4	122799	166697	2.00%	0.262%
63	19.733	2842	2847	2849	rBV4	407194	654021	7.84%	1.029%
64	19.762	2850	2852	2857	rVB	519204	626696	7.51%	0.986%
65	19.833	2860	2864	2867	rBV5	62610	104353	1.25%	0.164%
66	19.868	2867	2870	2875	rBV3	161263	181587	2.18%	0.286%
67	19.927	2875	2880	2884	rBV	686955	865976	10.38%	1.362%
68	20.010	2891	2894	2898	rBV6	46235	66292	0.79%	0.104%
69	20.062	2899	2903	2907	rVV	508216	671472	8.05%	1.056%
70	20.110	2907	2911	2916	rVB2	607093	743001	8.91%	1.169%
71	20.245	2931	2934	2939	rVB5	93933	113547	1.36%	0.179%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1324-19DL 30X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

72	20.321	2944	2947	2951	rBV6	82818	128553	1.54%	0.202%
73	20.433	2963	2966	2969	rBV4	54934	68546	0.82%	0.108%
74	20.521	2977	2981	2987	rVB	321448	429982	5.15%	0.676%
75	20.610	2993	2996	2999	rBV2	62919	78299	0.94%	0.123%
76	20.680	3001	3008	3012	rVV2	426753	729705	8.75%	1.148%
77	20.721	3012	3015	3018	rVV	420629	465471	5.58%	0.732%
78	20.757	3018	3021	3025	rVB	285040	343299	4.12%	0.540%
79	20.927	3046	3050	3059	rVB3	94981	164163	1.97%	0.258%
80	21.033	3062	3068	3072	rBV2	2418410	4888532	58.60%	7.688%
81	21.074	3072	3075	3083	rVV	1828338	2359121	28.28%	3.710%
82	21.162	3087	3090	3093	rBV2	110985	143052	1.71%	0.225%
83	21.245	3101	3104	3118	rVB	698569	1073686	12.87%	1.689%
84	21.398	3127	3130	3134	rVB4	148295	195091	2.34%	0.307%
85	21.527	3149	3152	3155	rBV	121685	127440	1.53%	0.200%
86	21.580	3155	3161	3166	rVV	478659	787079	9.43%	1.238%
87	21.627	3166	3169	3175	rVV	303469	443810	5.32%	0.698%
88	21.692	3176	3180	3187	rVV3	190110	445636	5.34%	0.701%
89	21.762	3188	3192	3195	rVV4	297032	434525	5.21%	0.683%
90	21.792	3195	3197	3201	rVB3	192077	211929	2.54%	0.333%
91	21.862	3206	3209	3214	rVB	166573	198528	2.38%	0.312%
92	22.192	3262	3265	3271	rVB	301305	429163	5.14%	0.675%
93	22.298	3279	3283	3292	rVB6	110685	282110	3.38%	0.444%
94	22.539	3318	3324	3335	rBV2	1171249	3022102	36.23%	4.753%
95	22.692	3345	3350	3357	rBV	323188	561618	6.73%	0.883%
96	22.974	3393	3398	3403	rBV	765328	1223888	14.67%	1.925%
97	23.062	3408	3413	3420	rVB	953683	1541052	18.47%	2.424%
98	23.156	3423	3429	3434	rBV2	1050742	1766951	21.18%	2.779%
99	25.215	3773	3779	3788	rVB3	441541	1168935	14.01%	1.838%
100	25.839	3879	3885	3897	rVB	362189	960476	11.51%	1.511%

Sum of corrected areas: 63584009

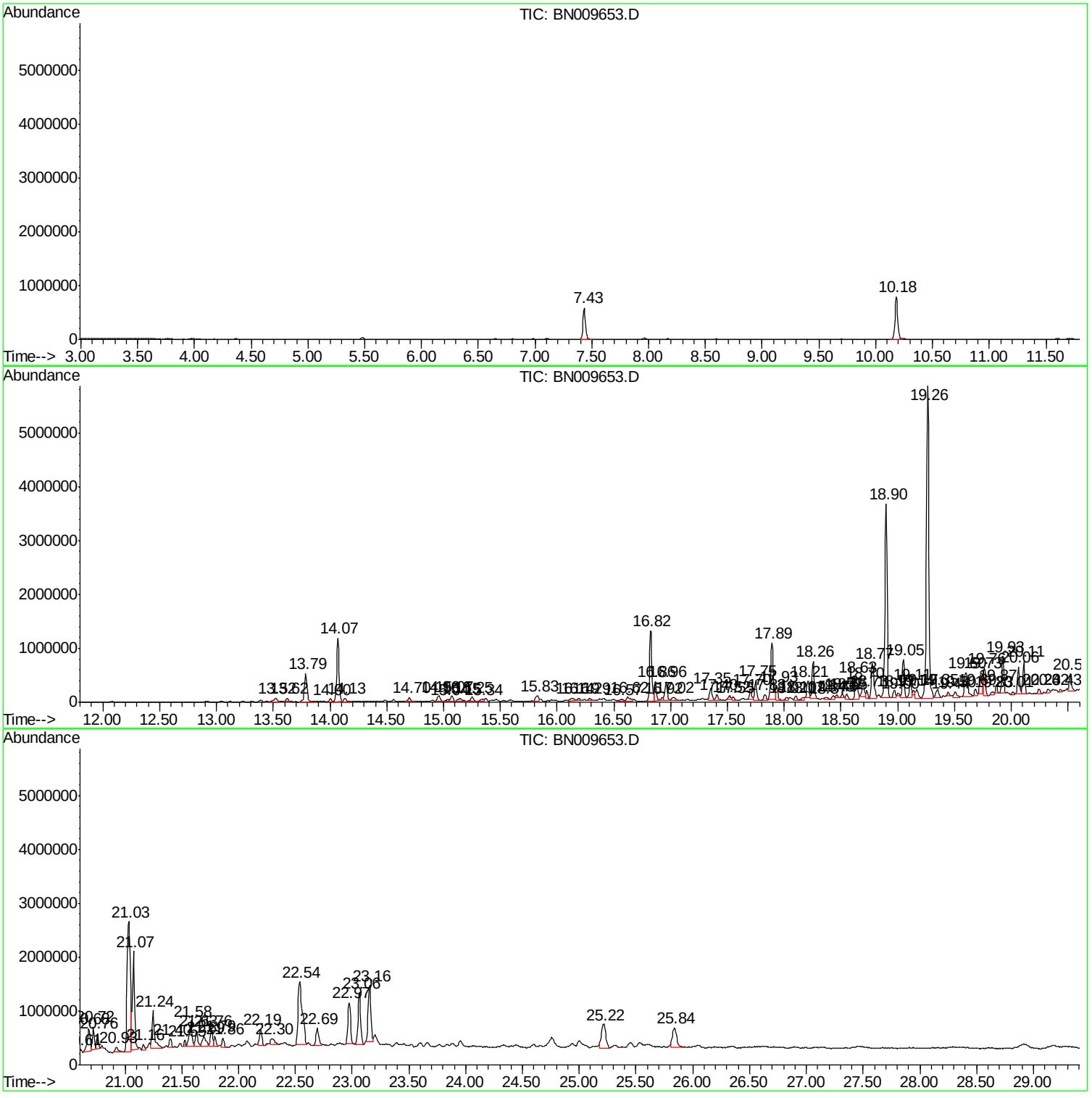
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009653.D
Acq On : 07 Feb 2020 19:14
Operator : CG/JU
Sample : L1324-19DL 30X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74DL

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009653.D
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Misc :
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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

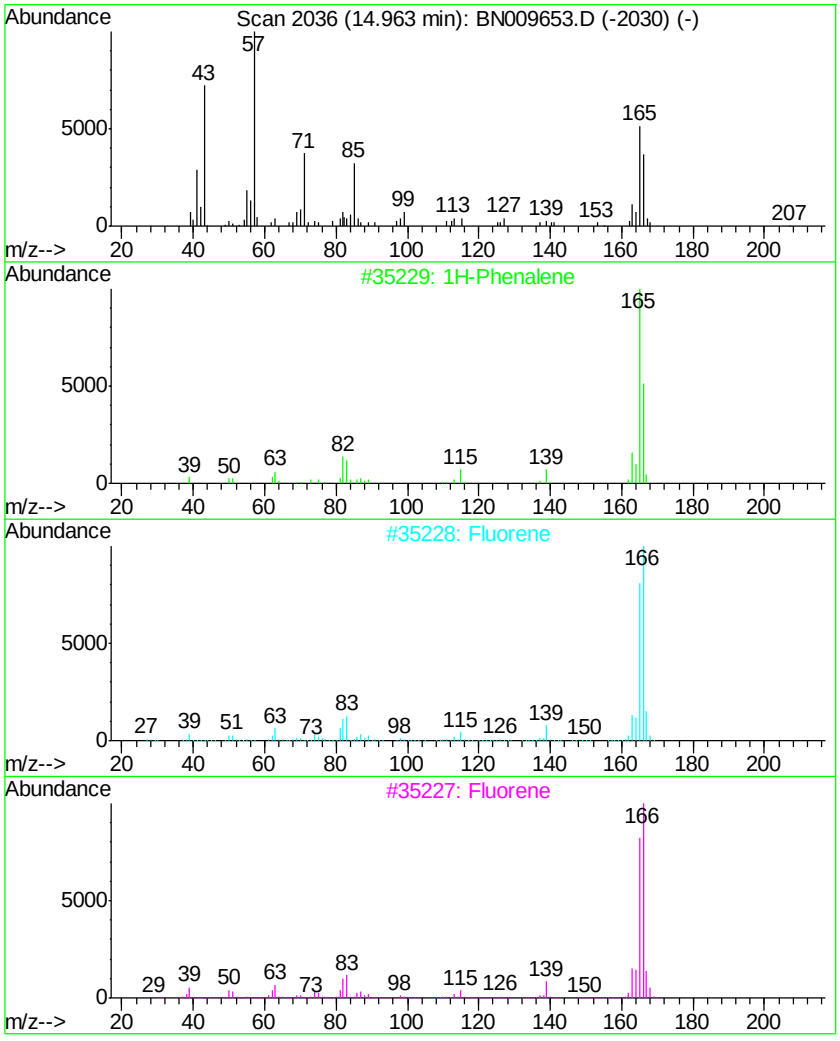
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

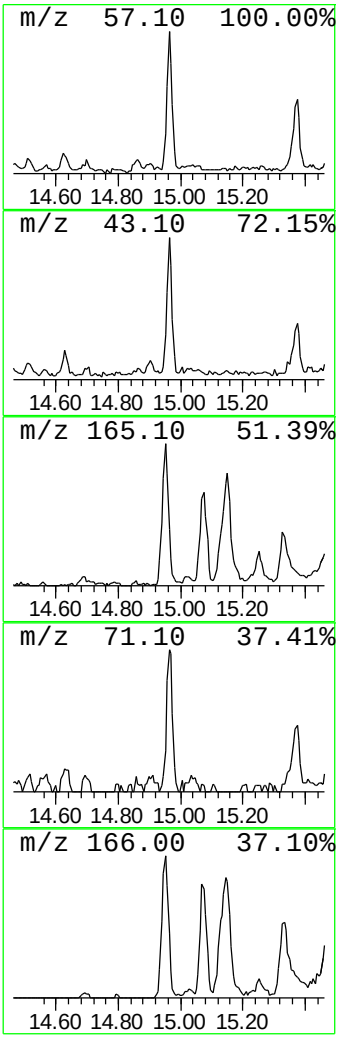
****

Peak Number 1 1H-Phenalene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.17 ng/ul	186521	Acenaphthene-d10	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	64
2	Fluorene	166	C13H10	000086-73-7	49
3	Fluorene	166	C13H10	000086-73-7	49
4	Fluorene	166	C13H10	000086-73-7	43
5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74DL

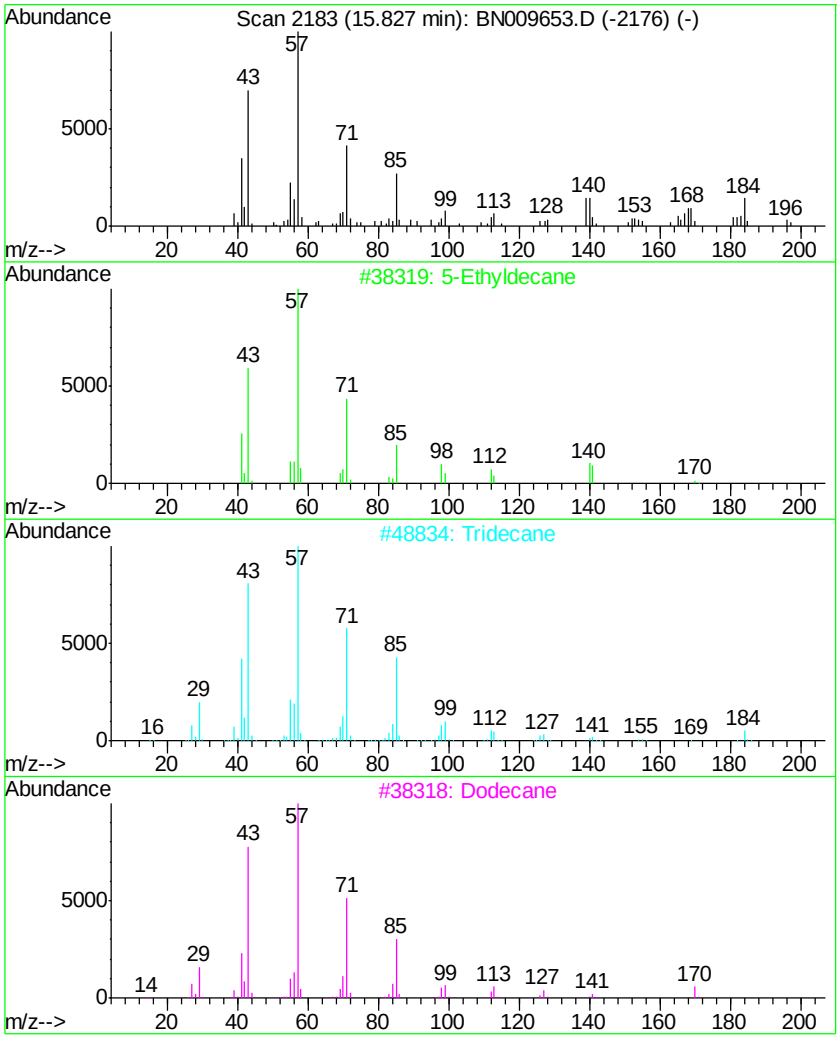
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

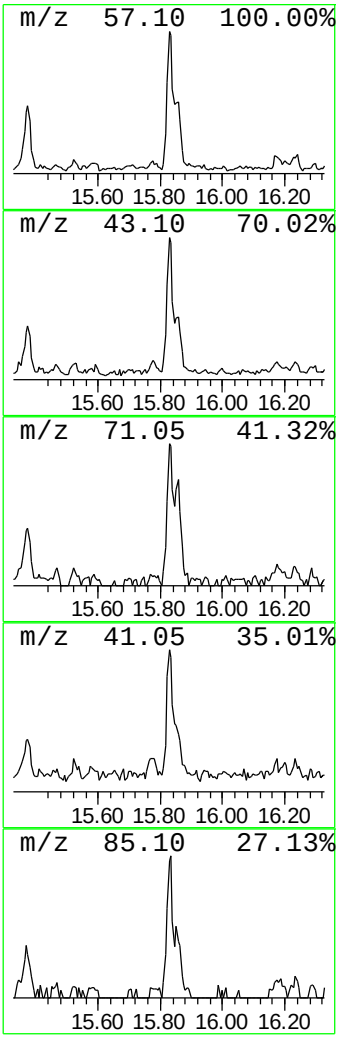
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.14 ng/ul	206121	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	64
2	Tridecane	184	C13H28	000629-50-5	53
3	Dodecane	170	C12H26	000112-40-3	49
4	Octacosane	394	C28H58	000630-02-4	49
5	Pentadecane	212	C15H32	000629-62-9	49





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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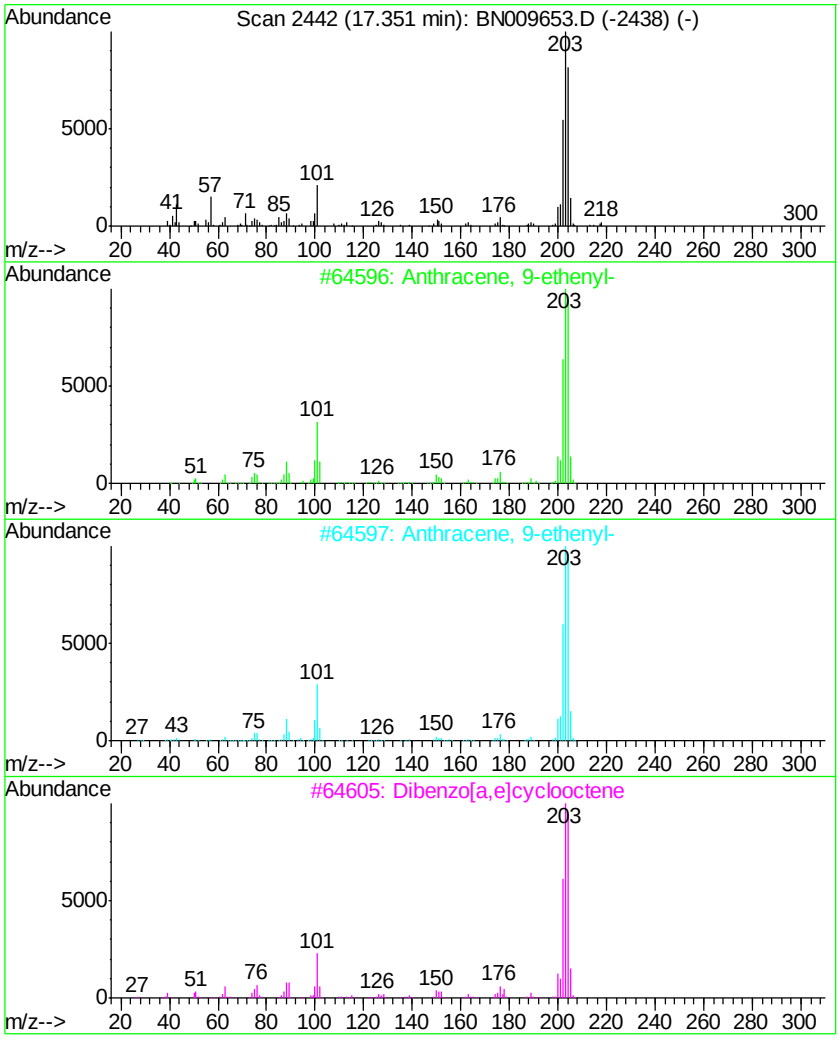
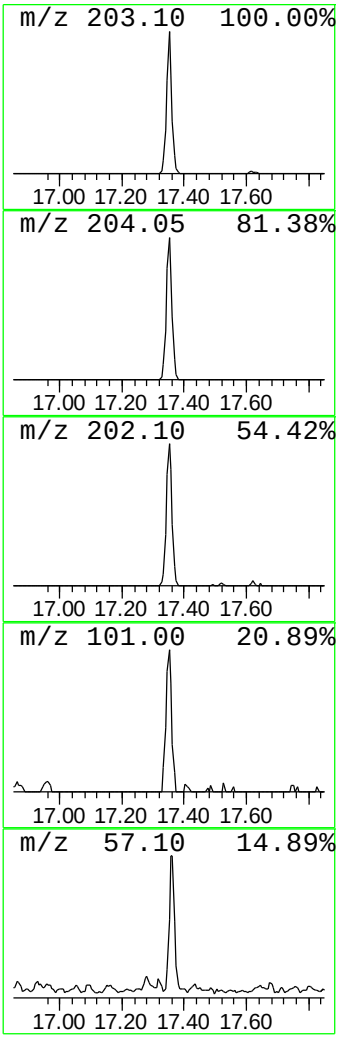
Peak Number 3 Anthracene, 9-ethenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	3.41 ng/ul	327945	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	95
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	90
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76





Library Search Compound Report

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Data File : BN009653.D
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Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74DL

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

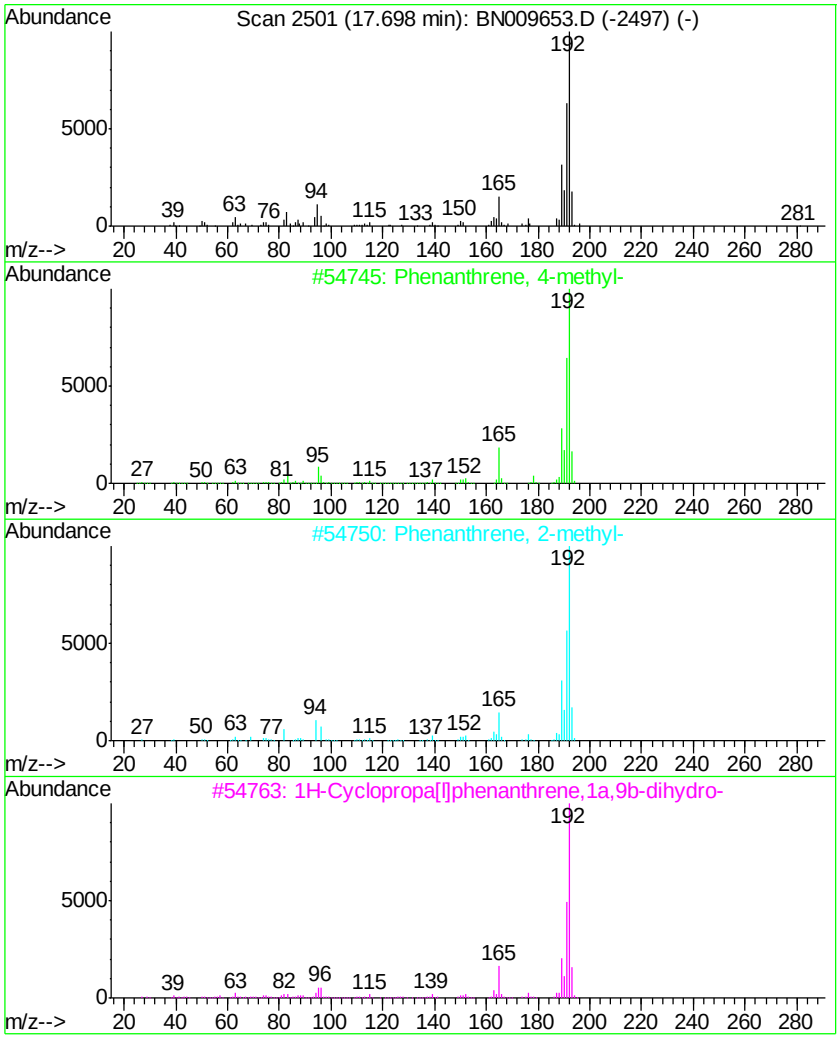
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

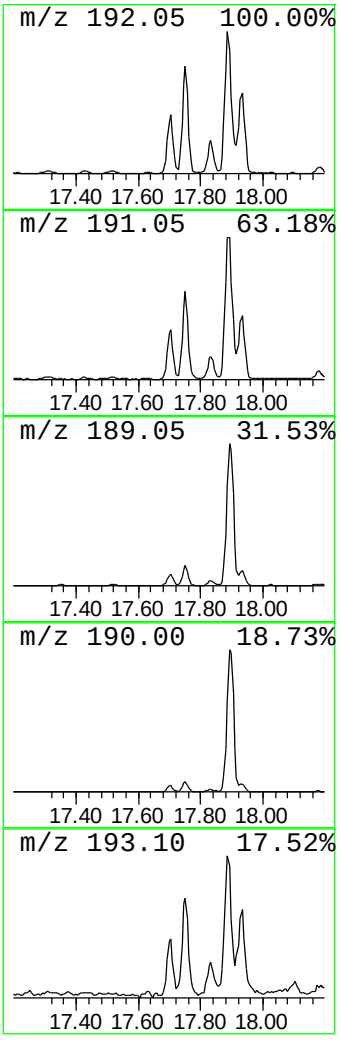
****

Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	3.02 ng/ul	290909	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Sample : L1324-19DL 30X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74DL

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

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

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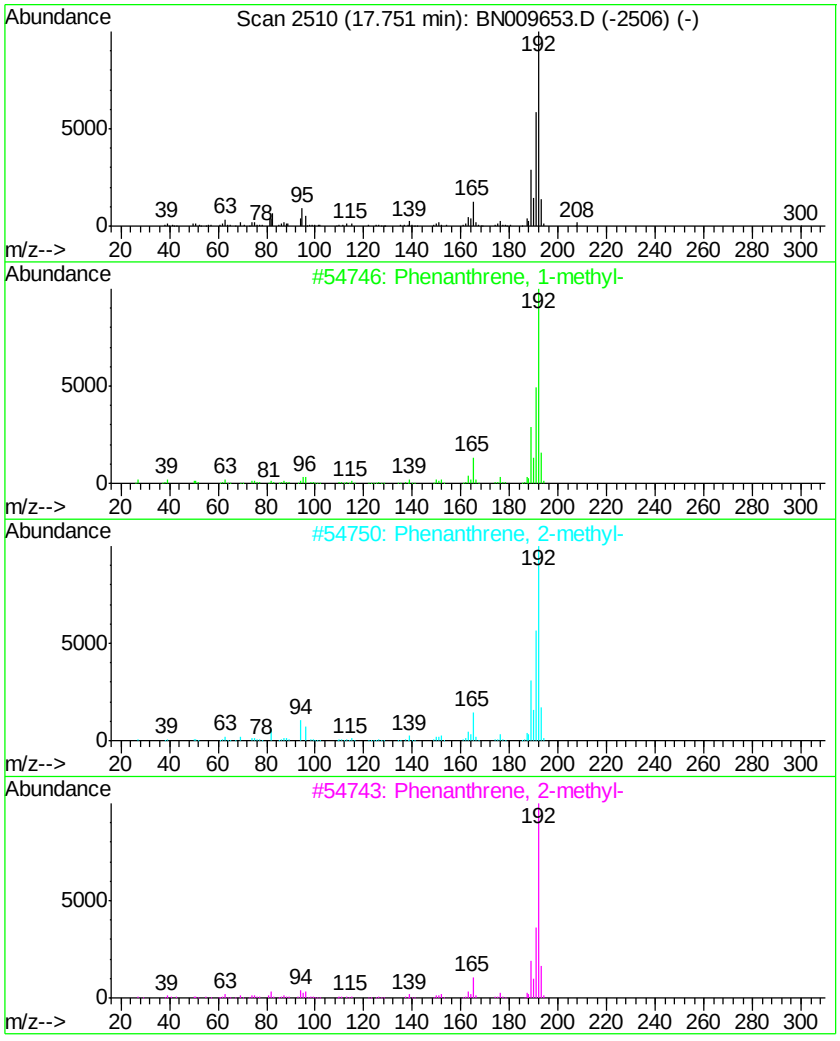
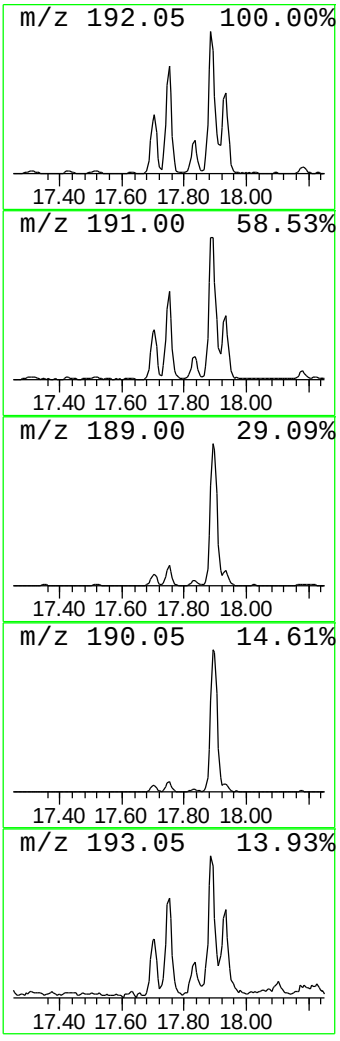
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	5.15 ng/ul	496283	Phenanthrene-d10	16.82

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	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Sample : L1324-19DL 30X
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Instrument : BNA_N
ClientSampleId : GAT74DL

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Quant Title : SVOA CALIBRATION

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

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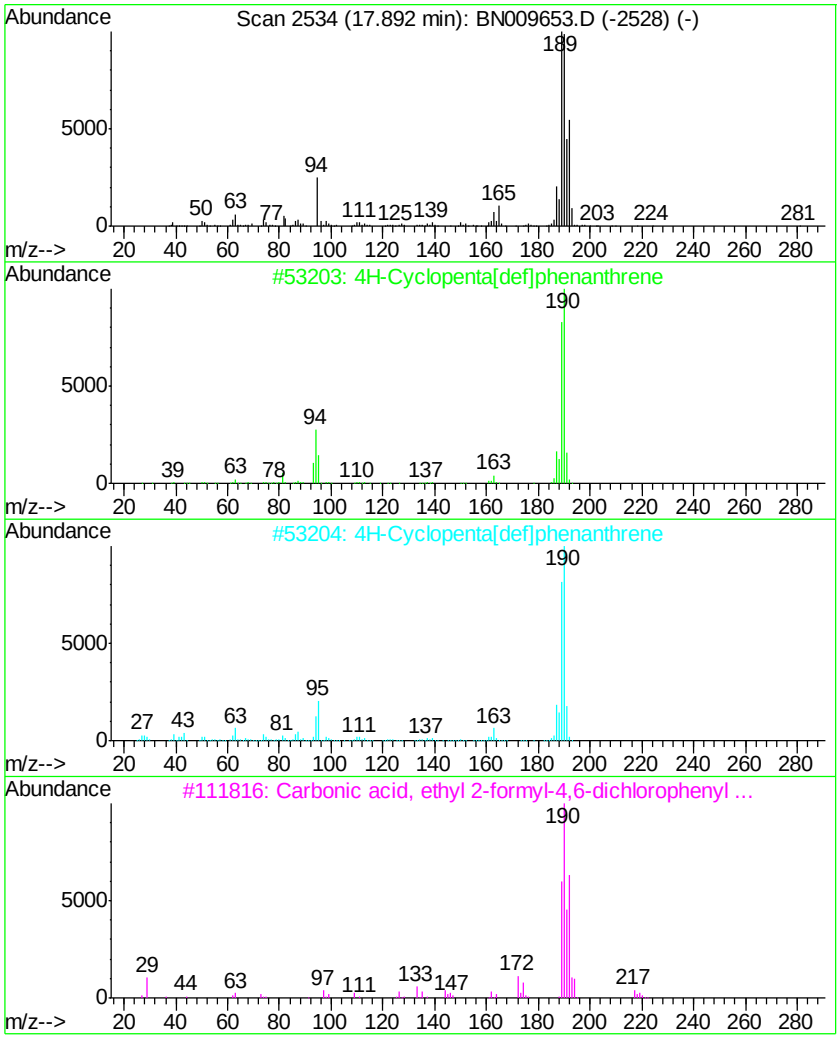
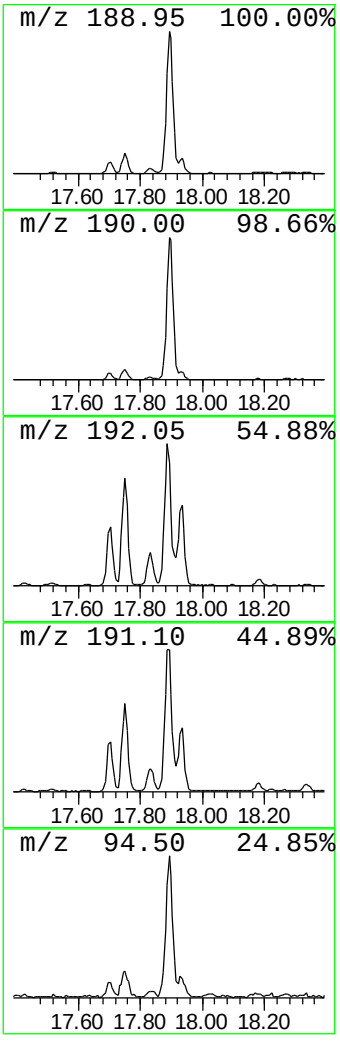
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	18.32 ng/ul	1763830	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74DL

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Quant Title : SVOA CALIBRATION

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

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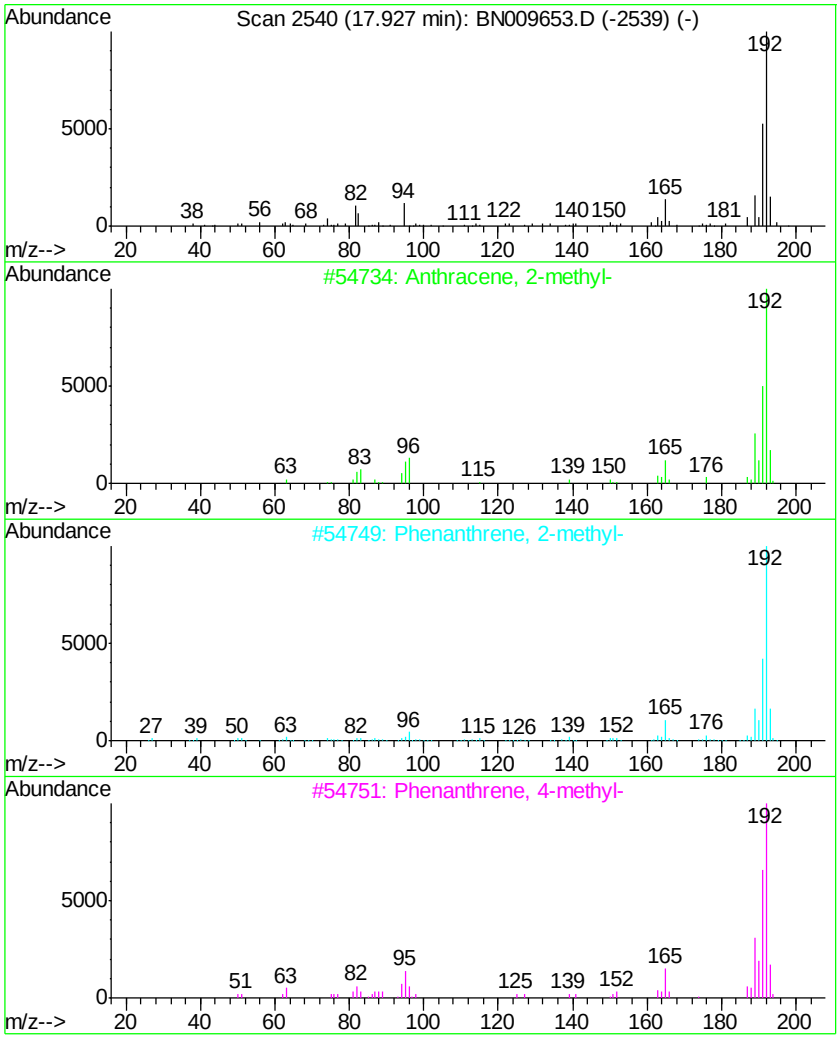
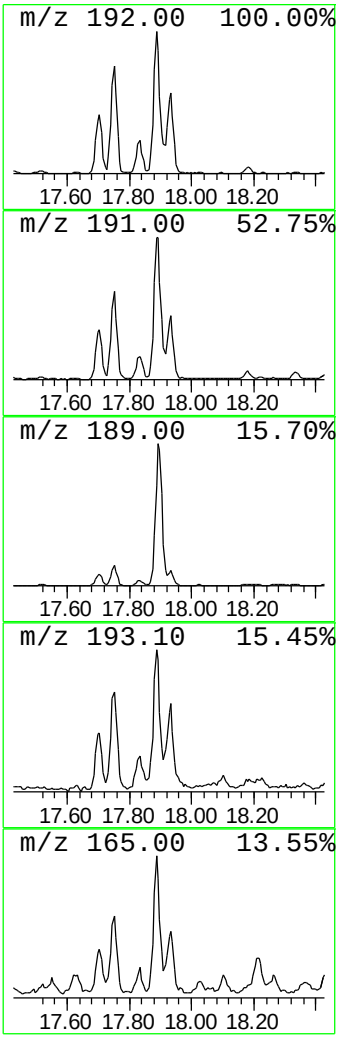
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.36 ng/ul	323456	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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ALS Vial : 48 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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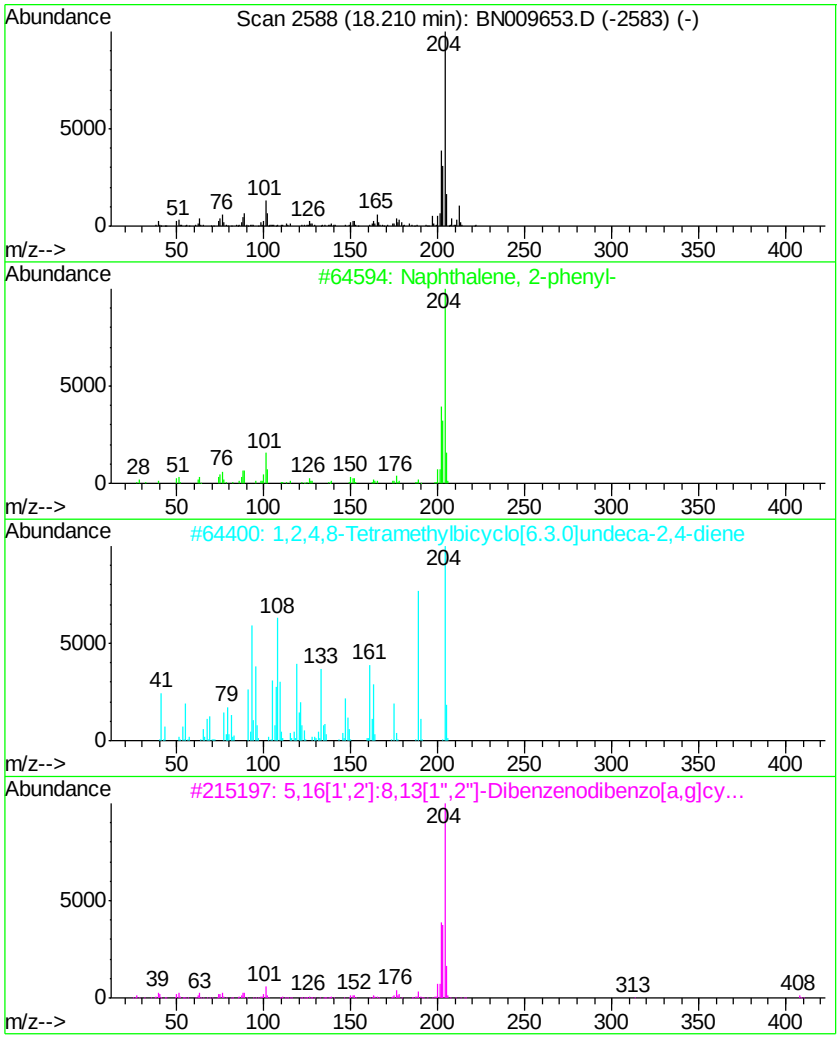
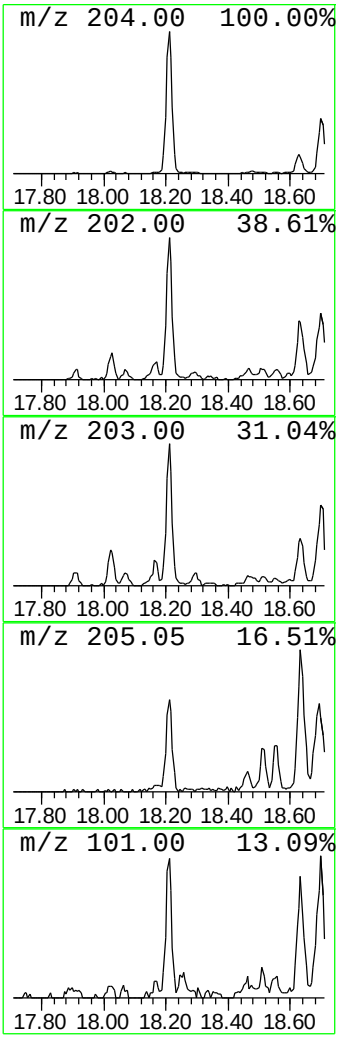
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	4.30 ng/ul	413879	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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Quant Title : SVOA CALIBRATION

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

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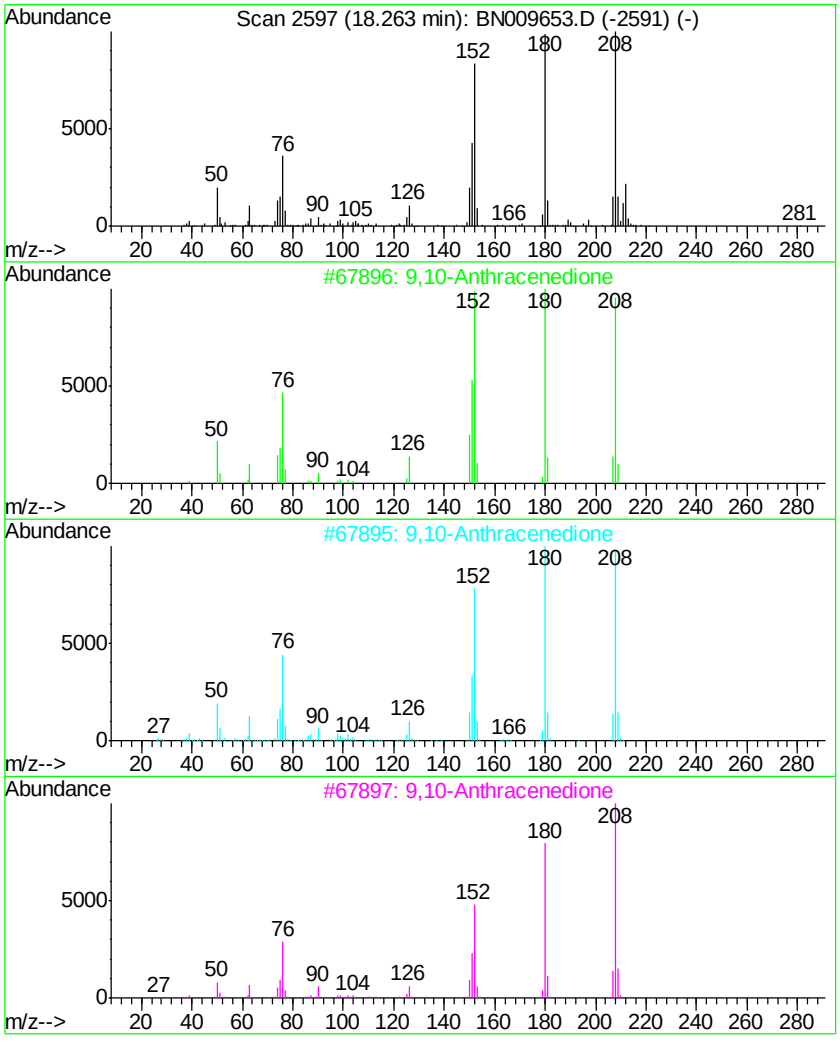
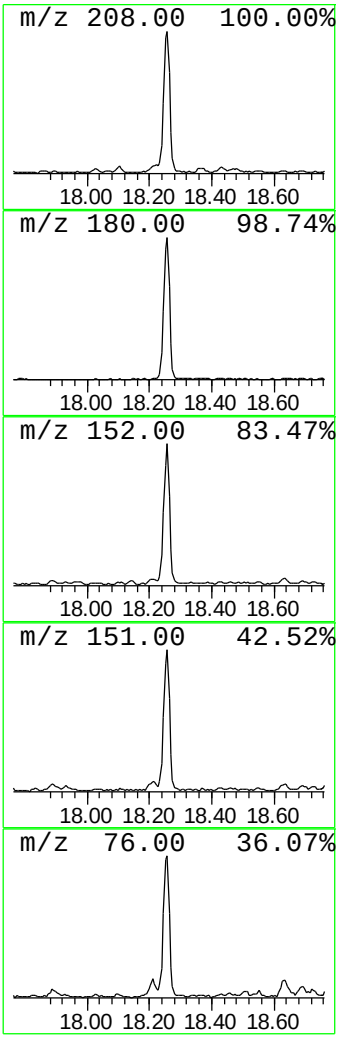
Peak Number 9 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	9.93 ng/ul	956471	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62





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Quant Title : SVOA CALIBRATION

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

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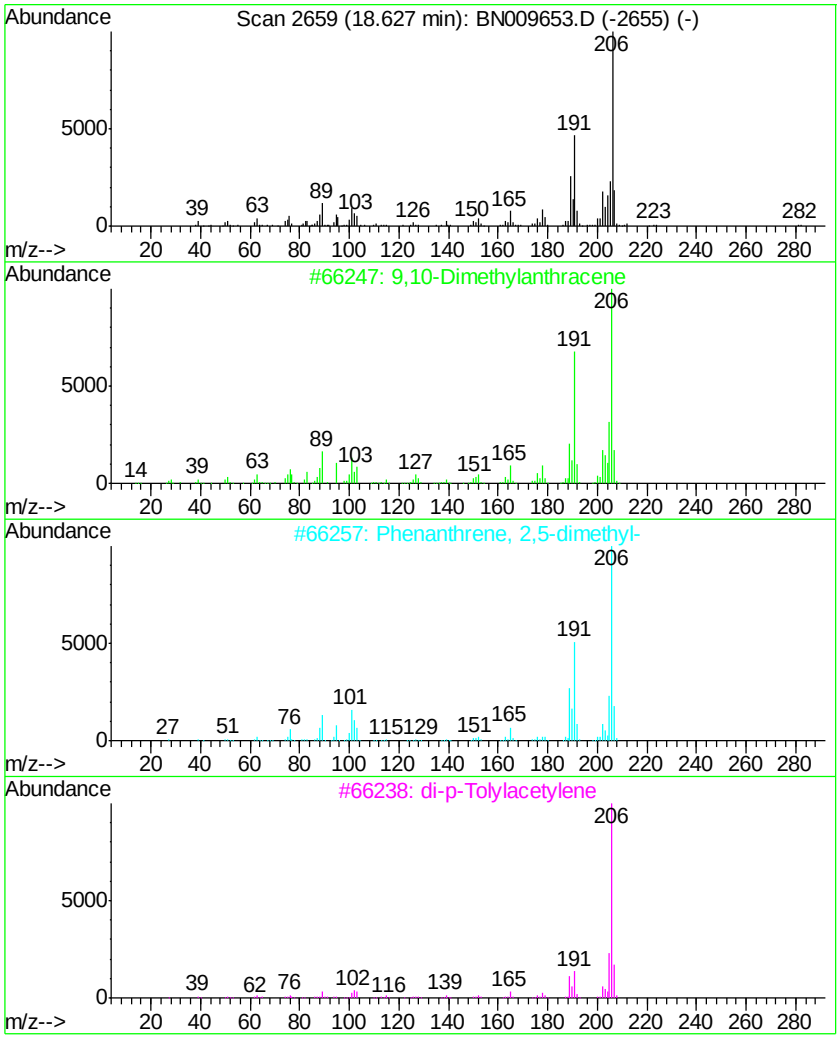
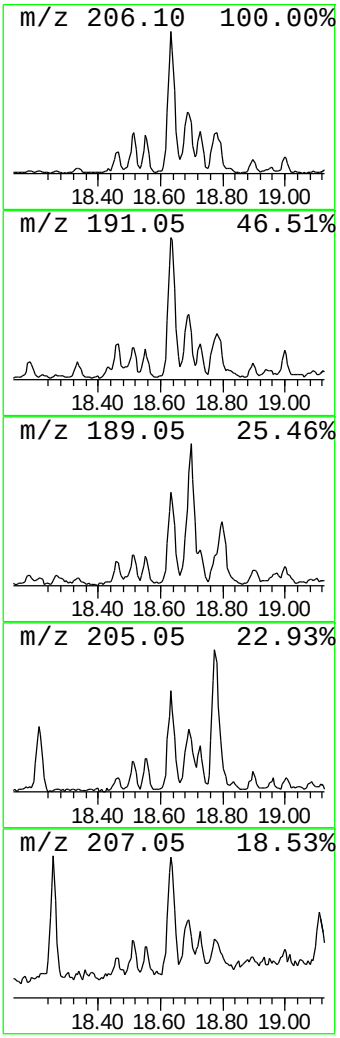
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	7.12 ng/ul	686028	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	97
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Quant Title : SVOA CALIBRATION

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

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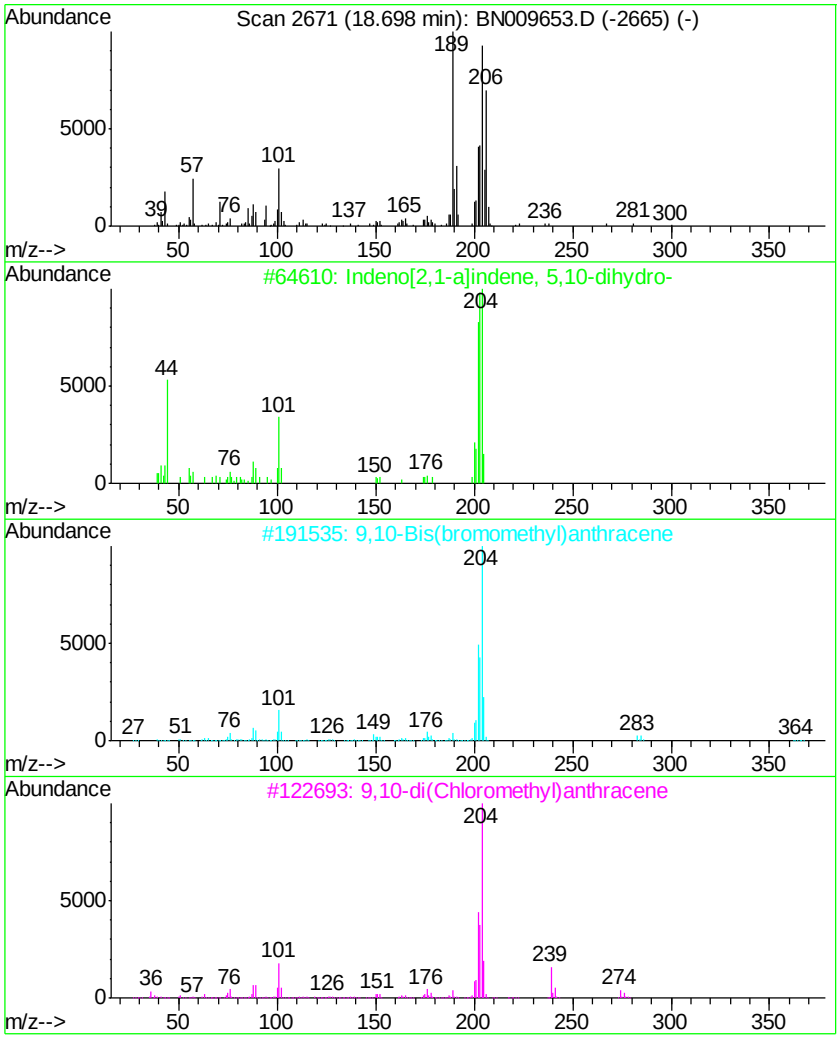
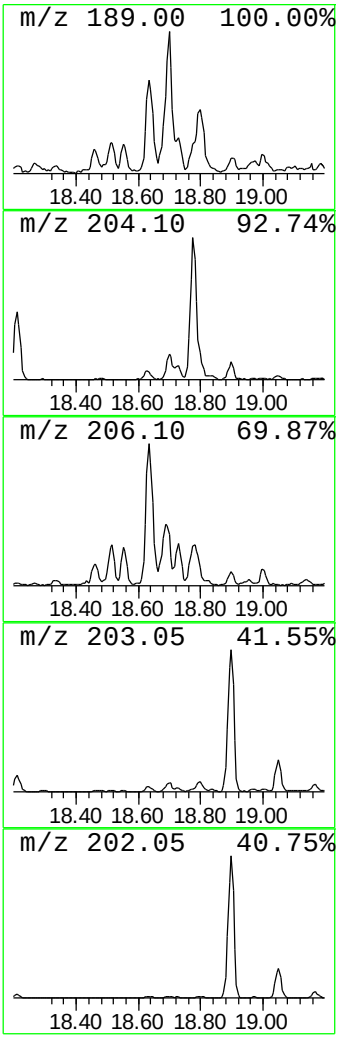
Peak Number 11 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	4.32 ng/ul	416335	Phenanthrene-d10	16.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	44
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	43
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	42
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





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Misc :
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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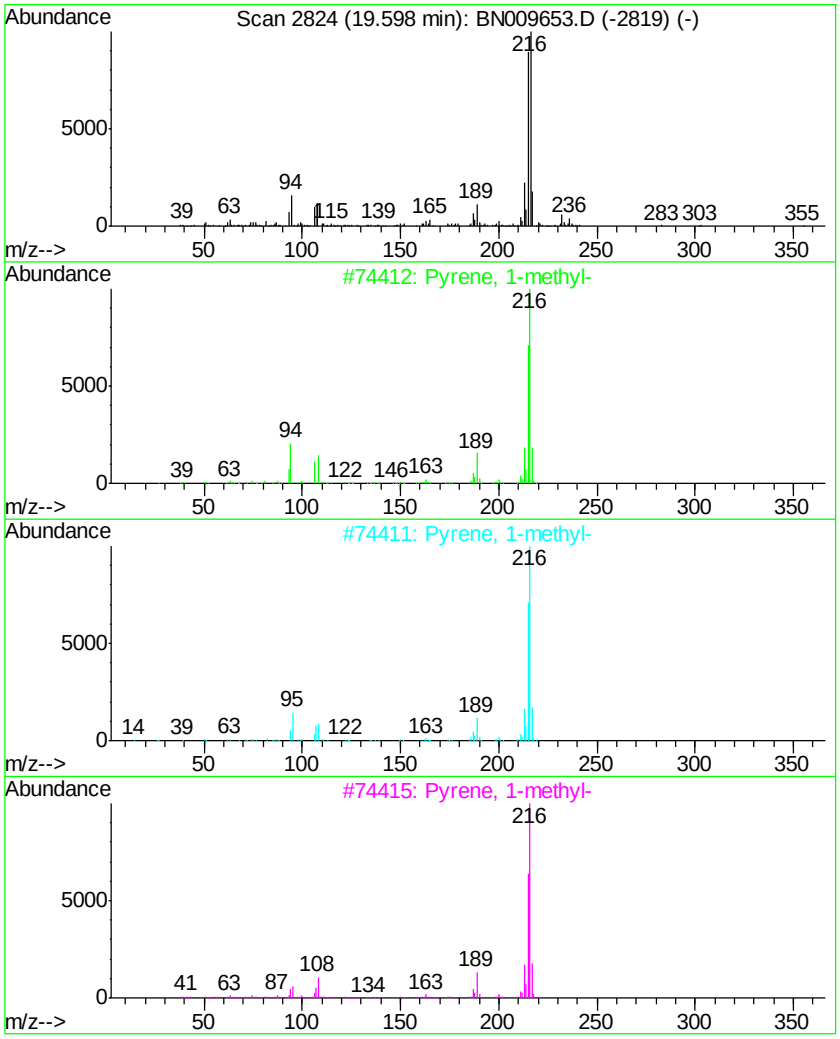
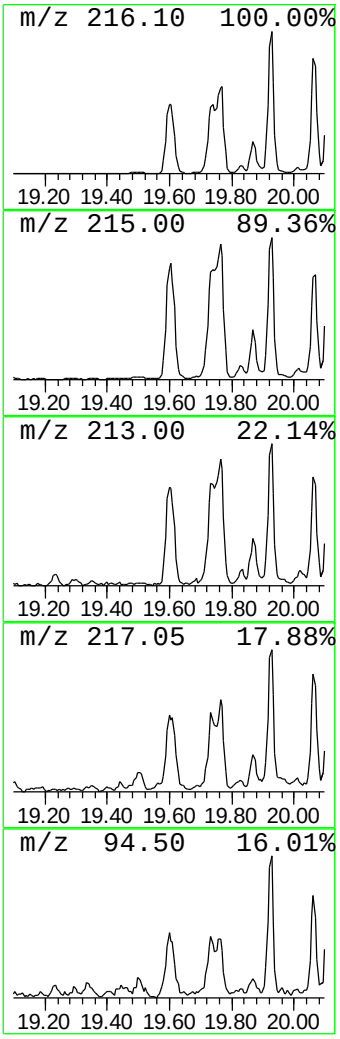
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	3.90 ng/ul	952416	Chrysene-d12	21.04

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	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92





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Quant Title : SVOA CALIBRATION

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

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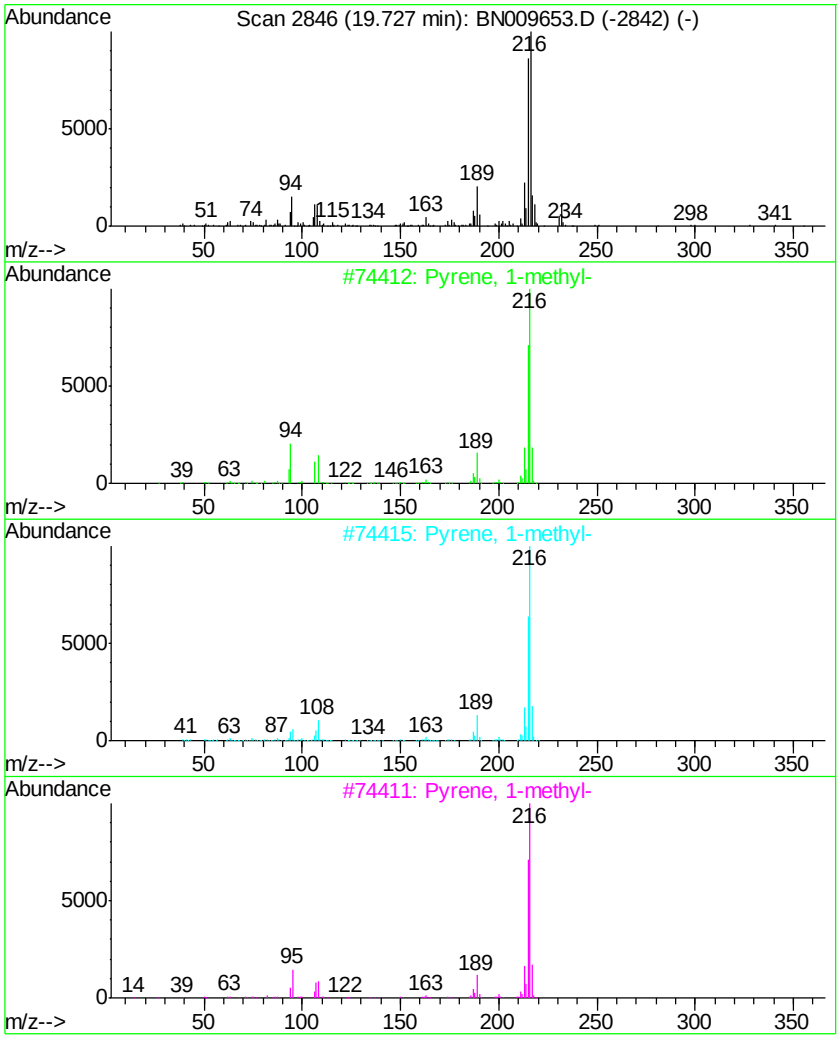
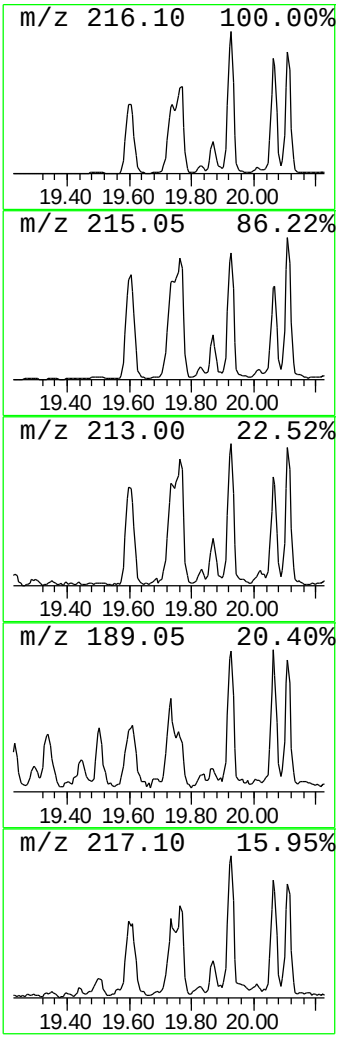
Peak Number 15 7H-Benzo[c]fluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	2.68 ng/ul	654021	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Quant Title : SVOA CALIBRATION

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

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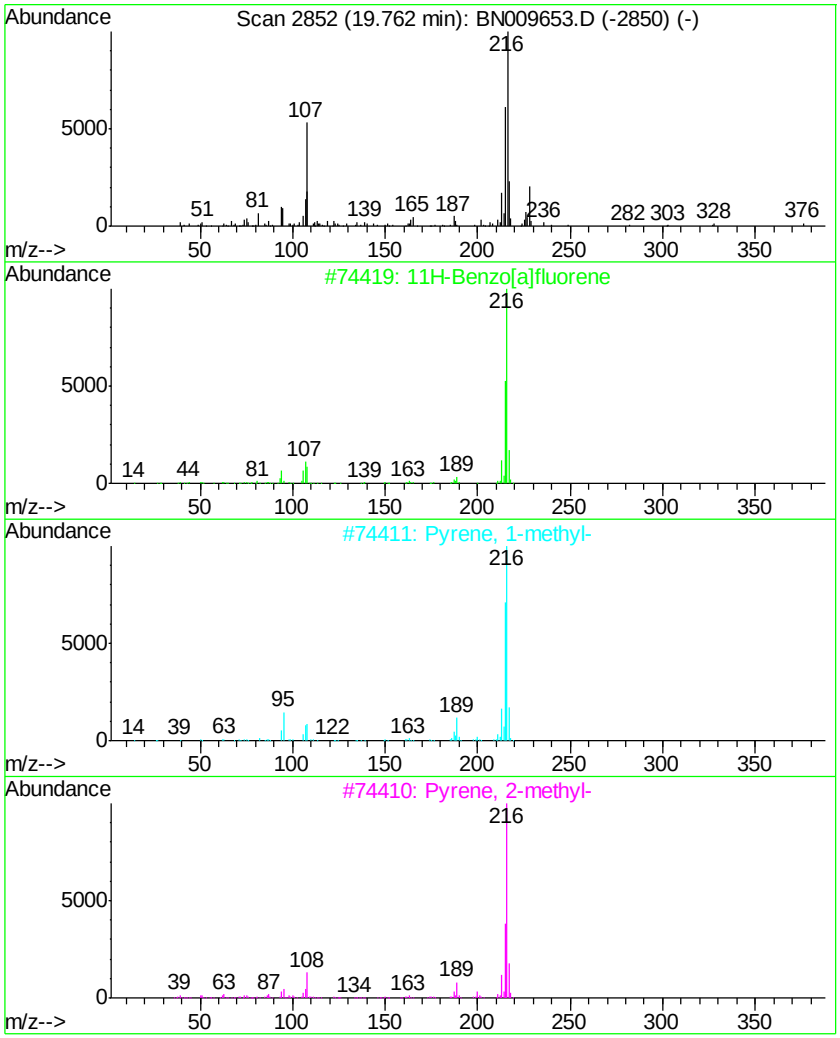
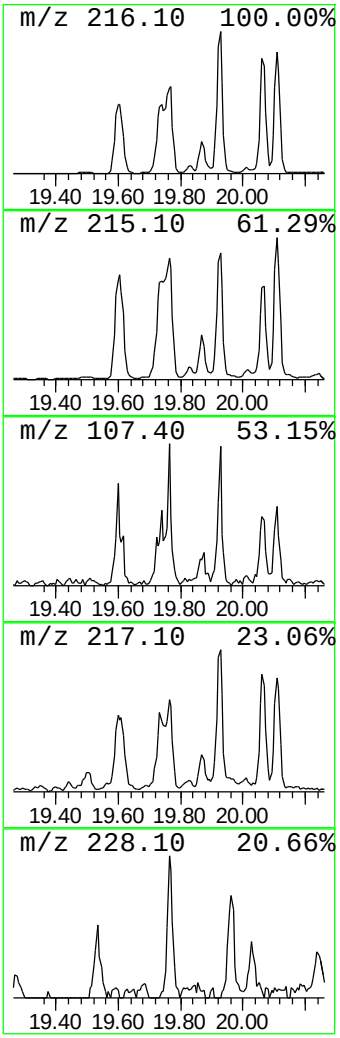
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.56 ng/ul	626696	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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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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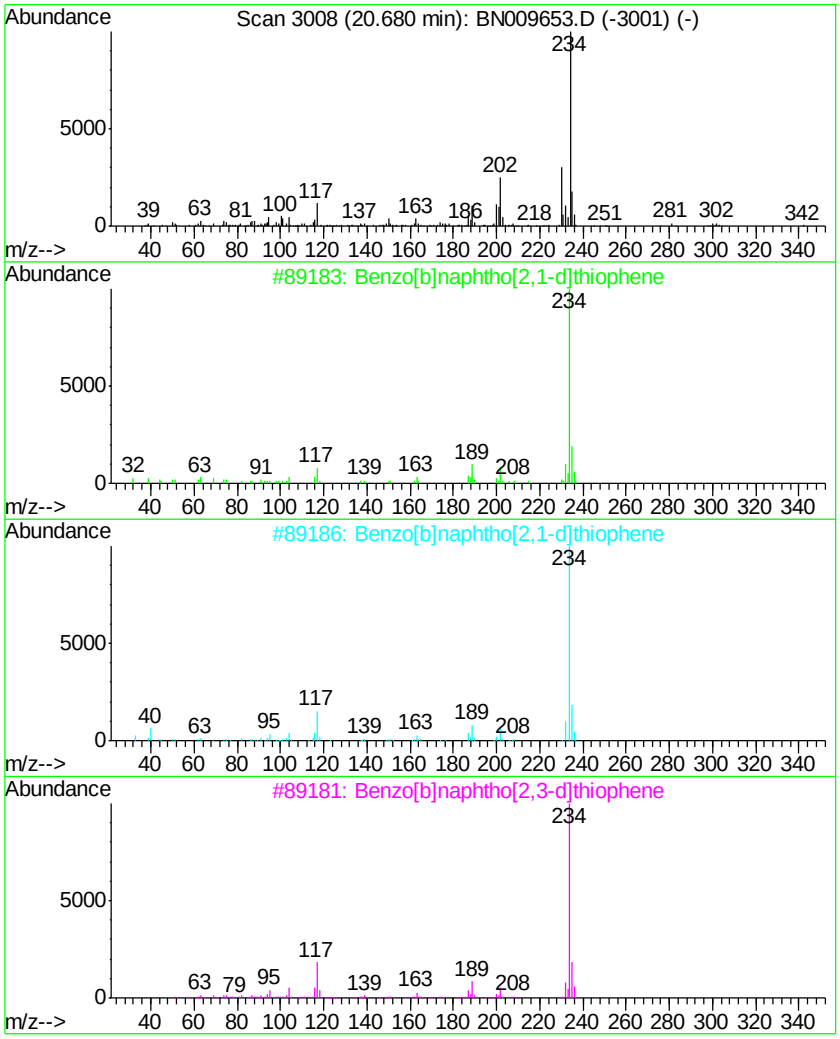
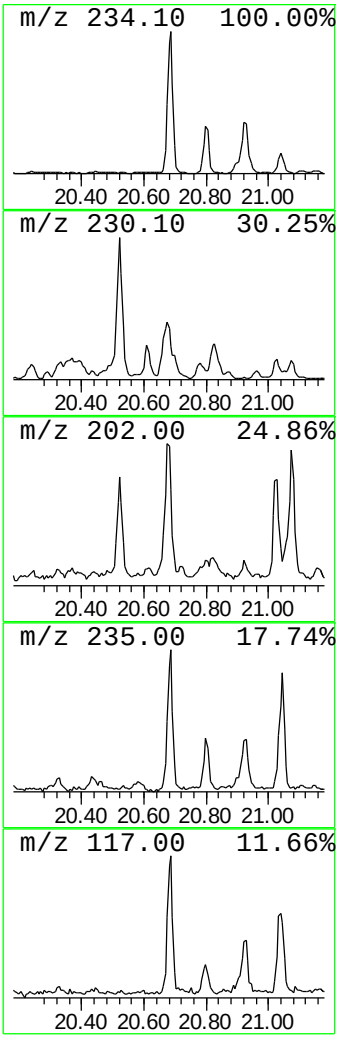
Peak Number 20 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	2.99 ng/ul	729705	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
4	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	83
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	78





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Quant Title : SVOA CALIBRATION

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

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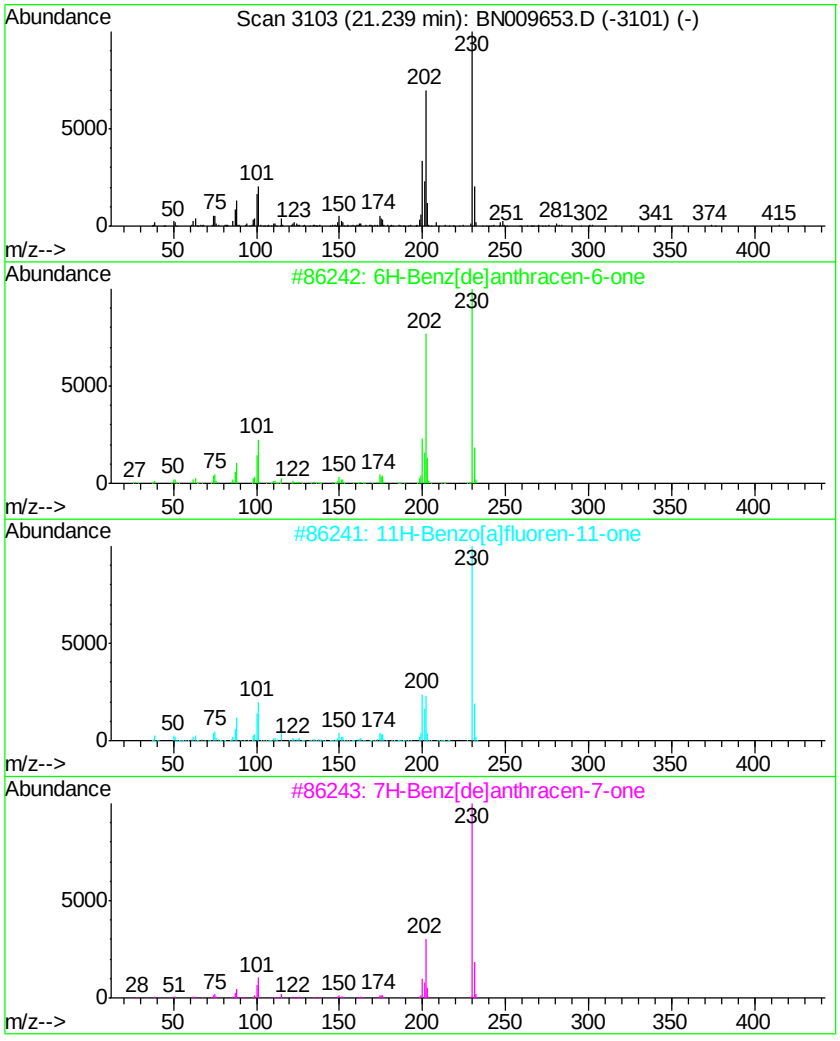
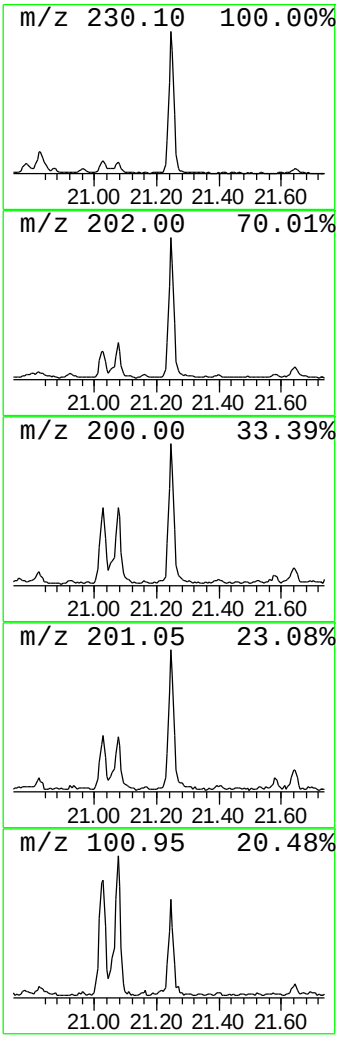
Peak Number 21 6H-Benz[de]anthracen-6-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	4.39 ng/ul	1073690	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	98
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	98
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86





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TIC Integration Parameters: LSCINT.P

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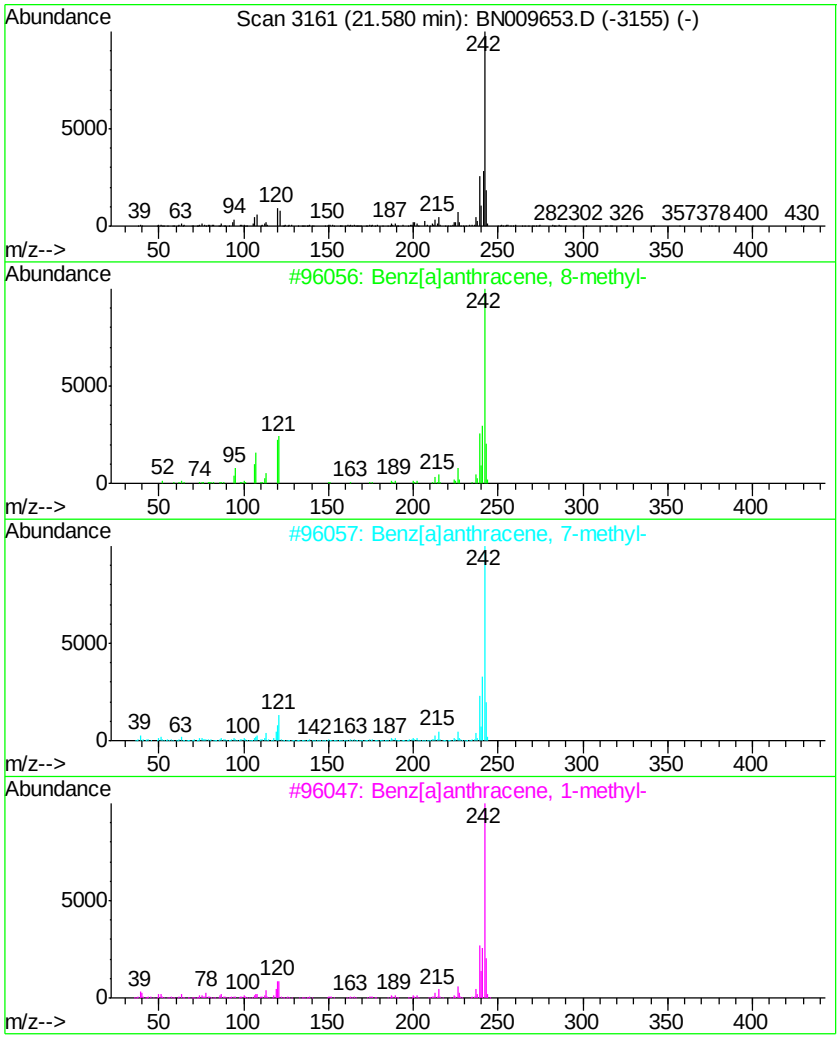
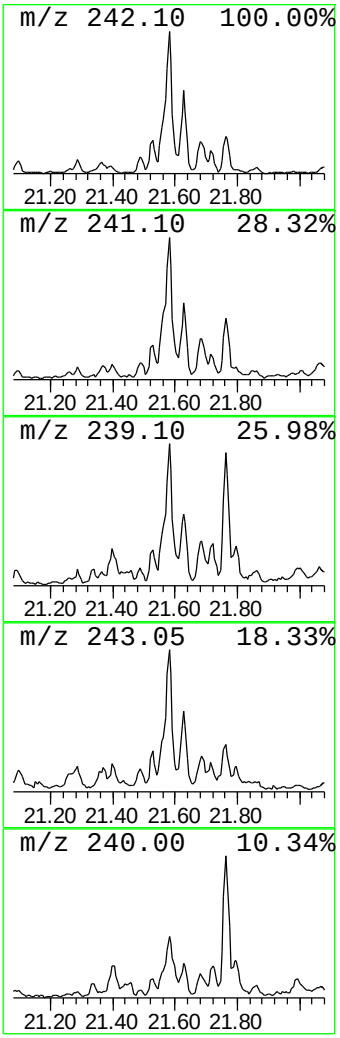
Peak Number 22 Benz[a]anthracene, 8-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.58	3.22 ng/ul	787079	Chrysene-d12	21.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	96
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93





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Acq On : 07 Feb 2020 19:14
Operator : CG/JU
Sample : L1324-19DL 30X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74DL

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

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

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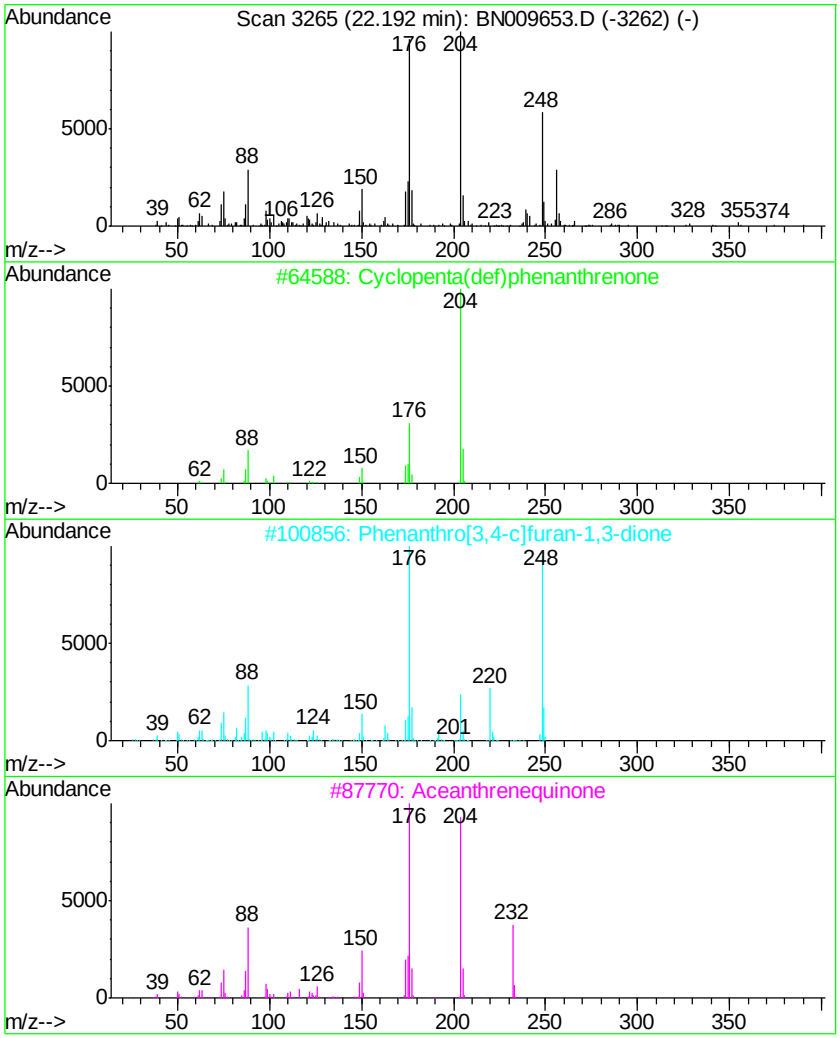
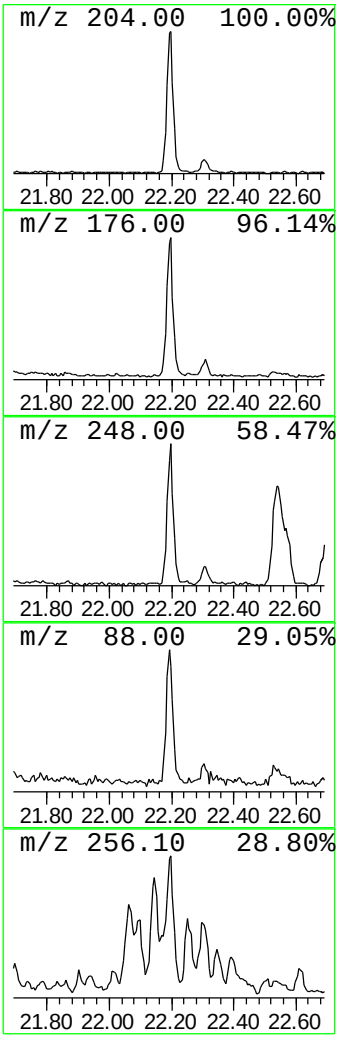
Peak Number 23 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	4.86 ng/ul	429163	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2	Phenanthro[3,4-c]furan-1,3-dione	248	C16H8O3	005723-54-6	52
3	Aceanthrenequinone	232	C16H8O2	006373-11-1	46
4	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	38
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	27





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Operator : CG/JU
Sample : L1324-19DL 30X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74DL

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

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

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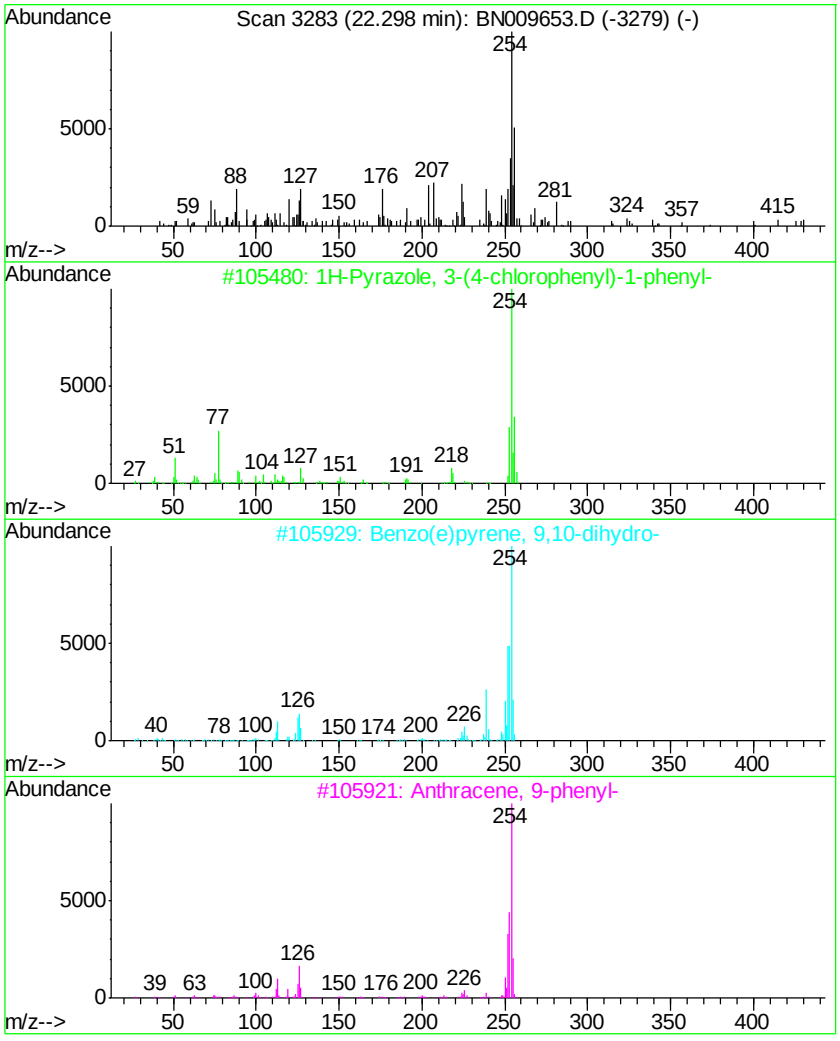
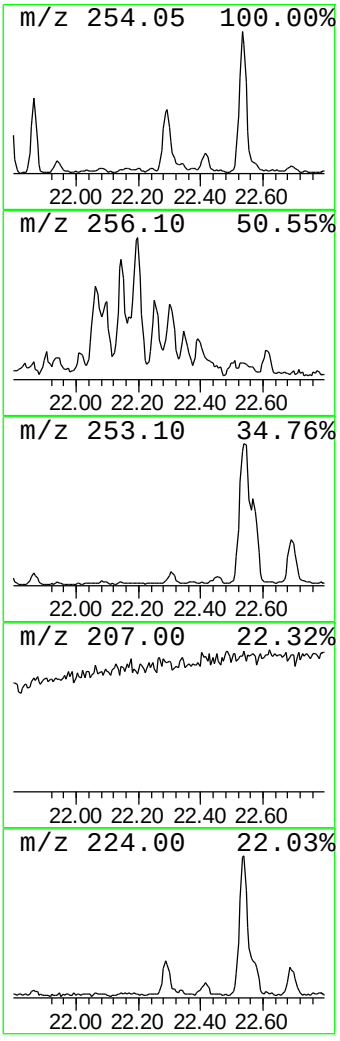
Peak Number 24 1H-Pyrazole, 3-(4-chlorophe... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	3.19 ng/ul	282110	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 3-(4-chlorophenyl)-...	254	C15H11ClN2	033064-19-6	53
2	Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	43
3	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	43
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	38
5	5-Amino-2-(3-nitrophenyl)-3,3,4(...	281	C13H7N5O3	1000326-96-8	38





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Operator : CG/JU
Sample : L1324-19DL 30X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74DL

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

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

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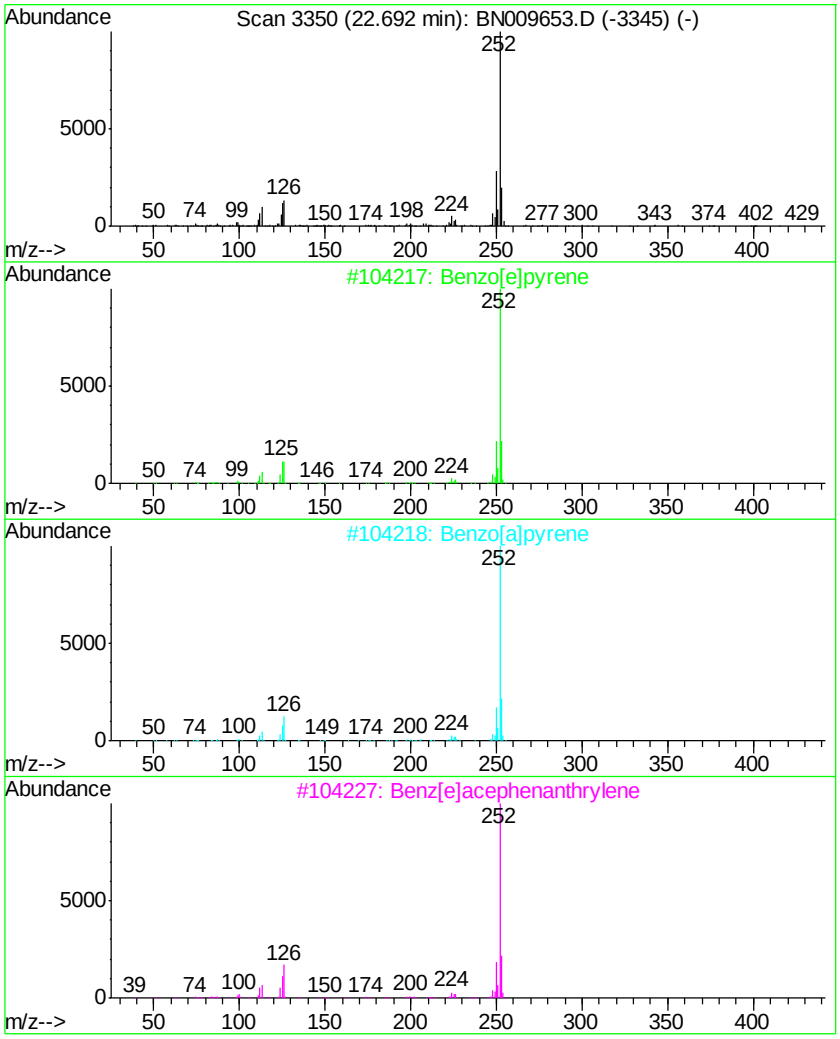
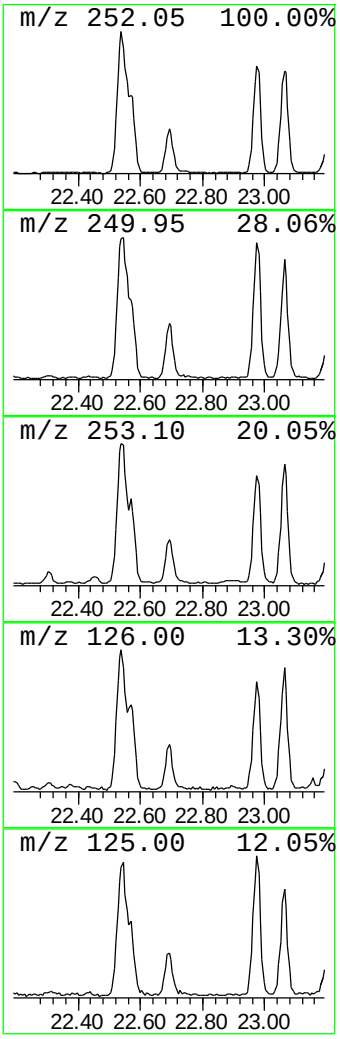
Peak Number 25 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	6.36 ng/ul	561618	Perylene-d12	23.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

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Data File : BN009653.D
Acq On : 07 Feb 2020 19:14
Operator : CG/JU
Sample : L1324-19DL 30X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74DL

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

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1H-Phenalene	14.96	2.2	ng/ul	186521	3	14.07	1722660	20.0
(DEL) Alkane: Str...	15.83	2.1	ng/ul	206121	4	16.82	1925900	20.0
Anthracene, 9-eth...	17.35	3.4	ng/ul	327945	4	16.82	1925900	20.0
Phenanthrene, 4-m...	17.70	3.0	ng/ul	290909	4	16.82	1925900	20.0
Phenanthrene, 1-m...	17.75	5.2	ng/ul	496283	4	16.82	1925900	20.0
4H-Cyclopenta[def...	17.89	18.3	ng/ul	1763830	4	16.82	1925900	20.0
Anthracene, 2-met...	17.93	3.4	ng/ul	323456	4	16.82	1925900	20.0
Naphthalene, 2-ph...	18.21	4.3	ng/ul	413879	4	16.82	1925900	20.0
9,10-Anthracenedione	18.26	9.9	ng/ul	956471	4	16.82	1925900	20.0
9,10-Dimethylanth...	18.63	7.1	ng/ul	686028	4	16.82	1925900	20.0
unknown-01	18.70	4.3	ng/ul	416335	4	16.82	1925900	20.0
Pyrene, 1-methyl-	19.60	3.9	ng/ul	952416	5	21.04	4888530	20.0
7H-Benzo[c]fluorene	19.73	2.7	ng/ul	654021	5	21.04	4888530	20.0
11H-Benzo[a]fluorene	19.76	2.6	ng/ul	626696	5	21.04	4888530	20.0
Benzo[b]naphtho[2...	20.68	3.0	ng/ul	729705	5	21.04	4888530	20.0
6H-Benz[de]anthra...	21.24	4.4	ng/ul	1073690	5	21.04	4888530	20.0
Benz[a]anthracene...	21.58	3.2	ng/ul	787079	5	21.04	4888530	20.0
Cyclopenta(def)ph...	22.19	4.9	ng/ul	429163	6	23.16	1766950	20.0
1H-Pyrazole, 3-(4...	22.30	3.2	ng/ul	282110	6	23.16	1766950	20.0
Benzo[e]pyrene	22.69	6.4	ng/ul	561618	6	23.16	1766950	20.0