LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002185.D
Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

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_P\METHODS\SOM-EPA-BP022720MA.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	6.810	659	667	674	rVV	135037	242889	2.32%	0.170%
2	6.969	686	694	701	rBV	145486	238250	2.27%	0.167%
3	7.163	720	727	738	rBV	160535	261405	2.50%	0.183%
4	7.628	799	806	818	rBV	1233397	1964565	18.75%	1.379%
5	8.339	921	927	936	rBV	166485	279680	2.67%	0.196%
6	8.769	996	1000	1013	rVV2	136961	275484	2.63%	0.193%
7	10.028	1207	1214	1226	rVV	158315	300380	2.87%	0.211%
8	10.398	1268	1277	1281	rBV	1778162	3013510	28.77%	2.115%
9	10.445	1281	1285	1294	rVB	1857715	3058765	29.20%	2.147%
10	10.539	1294	1301	1309	rBV2	139500	370627	3.54%	0.260%
11	12.069	1553	1561	1569	rVB	1365794	2221663	21.21%	1.560%
12	12.286	1587	1598	1605	rBV	905648	1428970	13.64%	1.003%
13	13.092	1729	1735	1743	rBV	392391	613617	5.86%	0.431%
14	13.292	1763	1769	1781	rVB	169721	341174	3.26%	0.239%
15	13.422	1781	1791	1793	rBV	359808	570985	5.45%	0.401%
16	13.586	1809	1819	1824	rBV	567914	1024532	9.78%	0.719%
17	13.639	1824	1828	1831	rVV	386065	575523	5.49%	0.404%
18	13.675	1831	1834	1839	rVV	406869	599401	5.72%	0.421%
19	13.822	1854	1859	1863	rVV	298380	475275	4.54%	0.334%
20	13.951	1875	1881	1884	rBV	418195	679214	6.48%	0.477%
21	13.980	1884	1886	1899	rVB2	370945	539280	5.15%	0.379%
22	14.263	1925	1934	1940	rVV	2839756	4491015	42.87%	3.153%
23	14.327	1940	1945	1954	rVV	1743221	2668349	25.47%	1.873%
24	14.480	1965	1971	1981	rVV2	126184	311332	2.97%	0.219%
25	14.580	1981	1988	1992	rVV2	141246	245213	2.34%	0.172%
26	14.663	1993	2002	2011	rVV	1570374	2455573	23.44%	1.724%
27	14.751	2012	2017	2022	rVV	184033	278245	2.66%	0.195%
28	14.892	2034	2041	2046	rVV2	129336	227807	2.17%	0.160%
29	15.263	2098	2104	2108	rVV2	722010	1153781	11.01%	0.810%
30	15.316	2108	2113	2119	rVV	2870963	3928891	37.51%	2.758%
31	15.445	2132	2135	2137	rVV	198303	265300	2.53%	0.186%
32	15.480	2137	2141	2146	rVV	353887	549439	5.25%	0.386%
33	15.569	2152	2156	2160	rVV	212573	334427	3.19%	0.235%
34	15.616	2160	2164	2175	rVB	501667	798156	7.62%	0.560%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002185.D
Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

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_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

35	15.763	2184	2189	2197	rVV	552907	1135535	10.84%	0.797%
36	15.986	2222	2227	2235	rBV2	347125	568069	5.42%	0.399%
37	16.116	2243	2249	2256	rBV4	148654	258929	2.47%	0.182%
38	16.327	2273	2285	2290	rBV2	382339	839027	8.01%	0.589%
39	16.474	2305	2310	2315	rVB3	176270	304173	2.90%	0.214%
40	16.598	2327	2331	2335	rVB3	165802	223272	2.13%	0.157%
41	16.757	2352	2358	2363	rVV3	246978	597836	5.71%	0.420%
42	16.833	2367	2371	2375	rVV	486560	764208	7.30%	0.536%
43	17.016	2396	2402	2405	rBV	3424176	4866584	46.46%	3.416%
44	17.057	2405	2409	2415	rVV	7244673	10475295	100.00%	7.353%
45	17.116	2415	2419	2420	rVV	673880	844289	8.06%	0.593%
46	17.151	2420	2425	2431	rVV	4999218	7250789	69.22%	5.090%
47	17.215	2431	2436	2442	rVV3	154871	281063	2.68%	0.197%
48	17.421	2466	2471	2476	rVV	1016039	1530437	14.61%	1.074%
49	17.468	2476	2479	2486	rVV3	112506	227922	2.18%	0.160%
50	17.545	2488	2492	2497	rVV2	204479	318510	3.04%	0.224%
51	17.604	2498	2502	2512	rVB5	96781	232050	2.22%	0.163%
52	17.892	2546	2551	2555	rBV	859684	1166497	11.14%	0.819%
53	17.939	2555	2559	2566	rVB	1181660	1636248	15.62%	1.149%
54	18.015	2566	2572	2577	rBV	670878	958344	9.15%	0.673%
55	18.080	2577	2583	2587	rBV2	1543020	2479156	23.67%	1.740%
56	18.115	2587	2589	2597	rVB	514824	586979	5.60%	0.412%
57	18.380	2629	2634	2638	rBV	660227	811583	7.75%	0.570%
58	18.668	2679	2683	2686	rVV	173816	224521	2.14%	0.158%
59	18.786	2697	2703	2707	rBV	327671	562354	5.37%	0.395%
60	18.845	2708	2713	2716	rVV3	288703	527946	5.04%	0.371%
61	18.921	2721	2726	2734	rVB2	157642	331355	3.16%	0.233%
62	19.039	2740	2746	2753	rBV	7652627	9982058	95.29%	7.007%
63	19.180	2767	2770	2774	rVV	193255	279513	2.67%	0.196%
64	19.274	2782	2786	2791	rVV	250916	460479	4.40%	0.323%
65	19.321	2791	2794	2796	rVV2	242921	299598	2.86%	0.210%
66	19.362	2796	2801	2802	rVV	2194503	2677309	25.56%	1.879%
67	19.386	2802	2805	2814	rVV	4988070	7269893	69.40%	5.103%
68	19.462	2814	2818	2826	rVB2	335450	566644	5.41%	0.398%
69	19.568	2831	2836	2842	rBV	485028	640598	6.12%	0.450%
70	19.709	2854	2860	2866	rBV2	404100	997849	9.53%	0.700%
71	19.839	2878	2882	2884	rBV2	304734	445742	4.26%	0.313%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002185.D
Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

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_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

72	19.874	2884	2888	2893	rVB	1465744	1955908	18.67%	1.373%
73	19.974	2900	2905	2909	rBV	1419719	1803818	17.22%	1.266%
74	20.027	2909	2914	2918	rVV2	561579	867517	8.28%	0.609%
75	20.162	2933	2937	2941	rBV	228073	300371	2.87%	0.211%
76	20.209	2941	2945	2950	rVB2	279320	397881	3.80%	0.279%
77	20.486	2989	2992	2996	rVB3	147720	229763	2.19%	0.161%
78	20.568	3002	3006	3010	rBV2	199903	352795	3.37%	0.248%
79	20.768	3036	3040	3043	rBV	266072	337833	3.23%	0.237%
80	20.804	3043	3046	3049	rVV	427126	453887	4.33%	0.319%
81	20.845	3049	3053	3058	rVV2	271804	502047	4.79%	0.352%
82	21.109	3091	3098	3102	rBV2	5377848	10162258	97.01%	7.134%
83	21.145	3102	3104	3114	rVB	2425586	2983693	28.48%	2.094%
84	21.262	3121	3124	3126	rBV2	186049	235849	2.25%	0.166%
85	21.368	3138	3142	3146	rVB2	229687	317818	3.03%	0.223%
86	21.415	3146	3150	3156	rBV2	282700	441382	4.21%	0.310%
87	21.656	3185	3191	3195	rVV	557810	1015761	9.70%	0.713%
88	21.709	3196	3200	3205	rVB2	349676	578599	5.52%	0.406%
89	21.845	3220	3223	3226	rBV	195241	269461	2.57%	0.189%
90	21.880	3226	3229	3235	rVB3	300677	421797	4.03%	0.296%
91	21.951	3237	3241	3245	rBV2	144730	239967	2.29%	0.168%
92	22.174	3276	3279	3287	rVB3	294776	438256	4.18%	0.308%
93	22.656	3355	3361	3373	rBV	1530003	4891127	46.69%	3.433%
94	22.821	3385	3389	3395	rVB	309214	510364	4.87%	0.358%
95	23.127	3435	3441	3445	rBV	635160	1164525	11.12%	0.817%
96	23.174	3445	3449	3452	rVV	451569	712325	6.80%	0.500%
97	23.215	3452	3456	3465	rVB	1139767	2365025	22.58%	1.660%
98	23.315	3466	3473	3479	rBV	3177118	5977960	57.07%	4.196%
99	23.886	3566	3570	3578	rVB	247159	438499	4.19%	0.308%
100	25.527	3842	3849	3861	rVB2	542552	1685968	16.09%	1.183%

Sum of corrected areas: 142457825

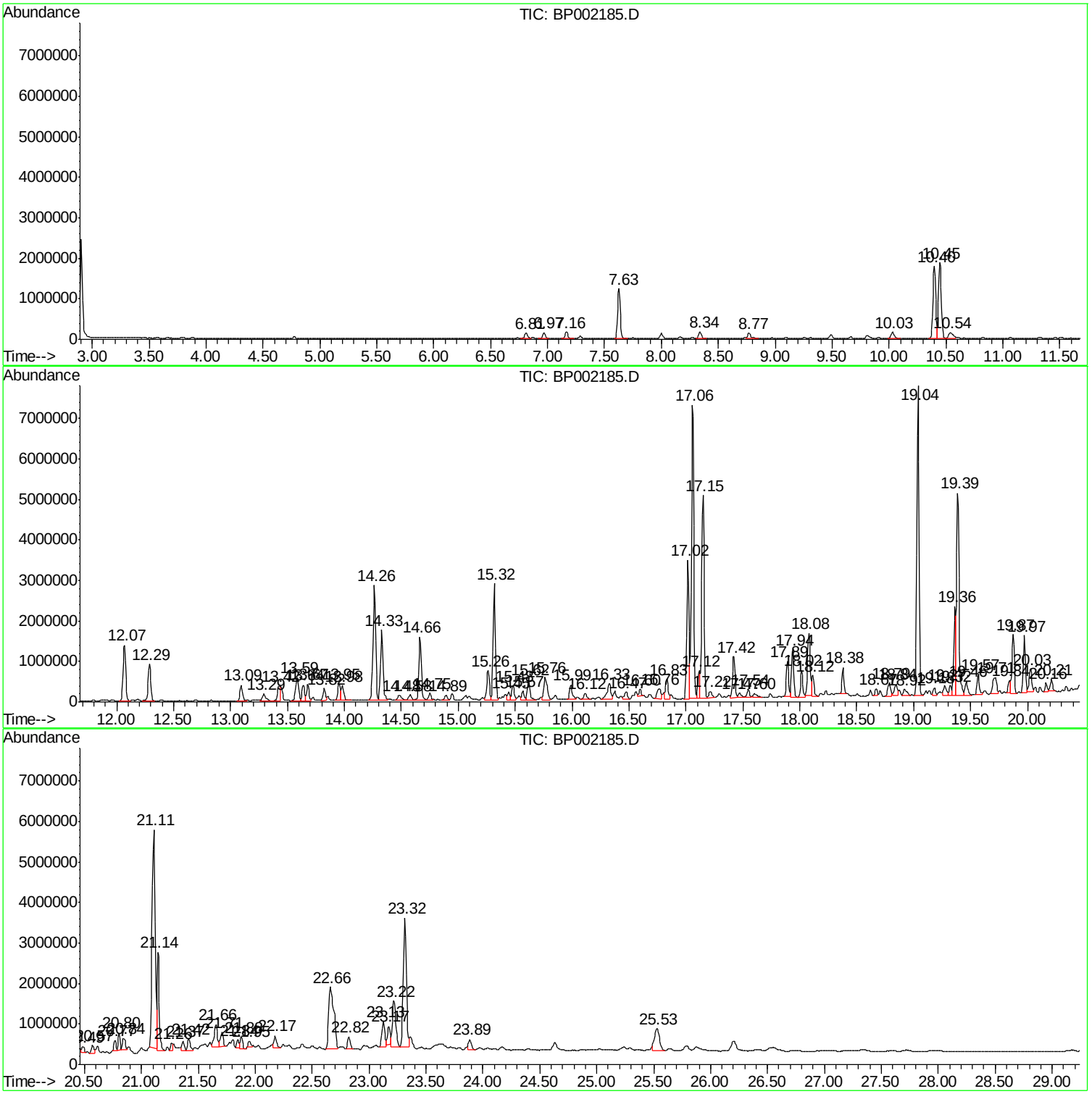
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002185.D
Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002185.D
Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

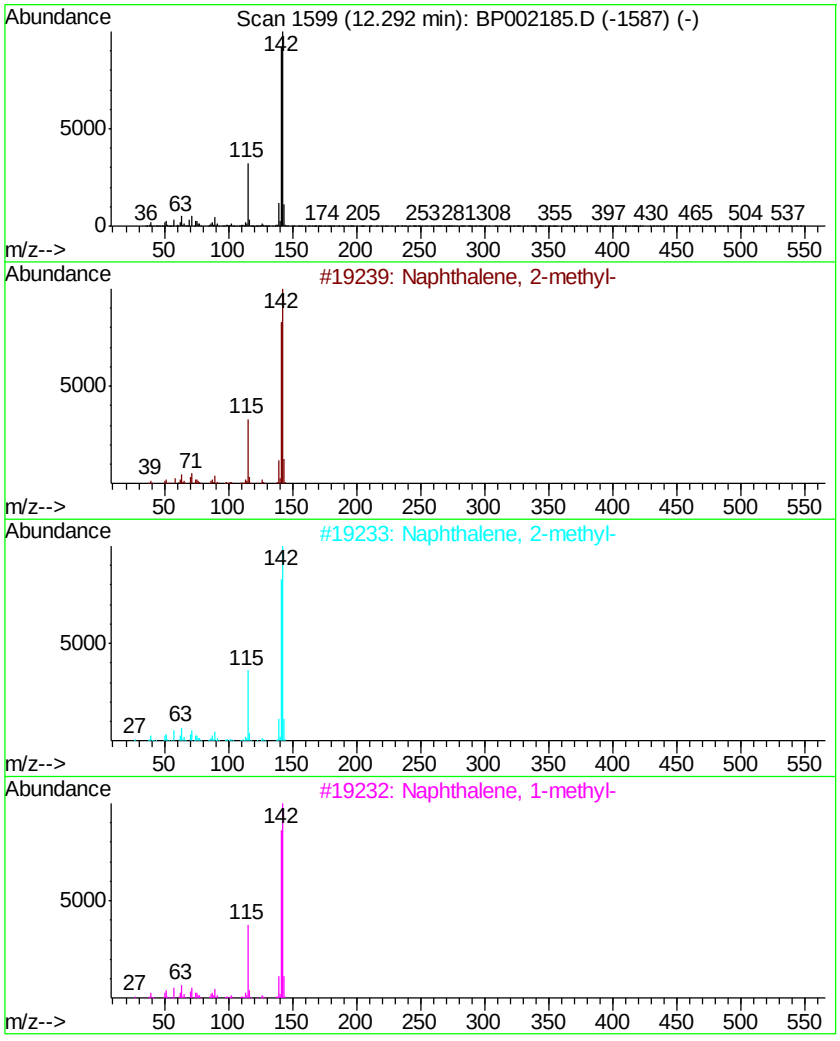
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

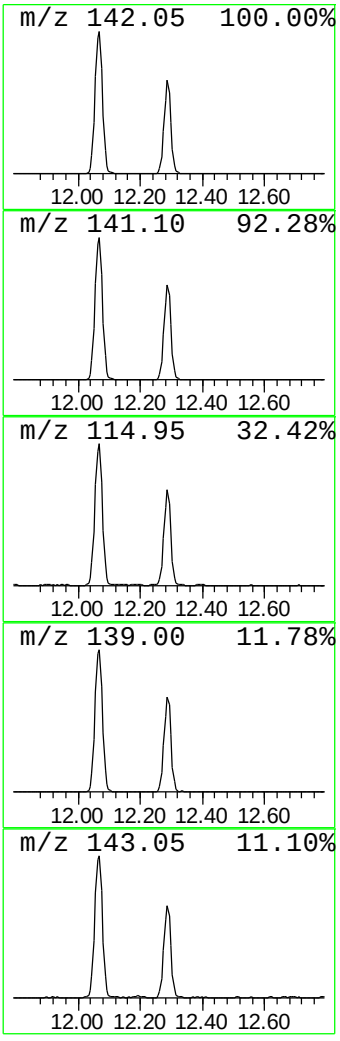
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	9.48 ng/ul	1428970	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002185.D
Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

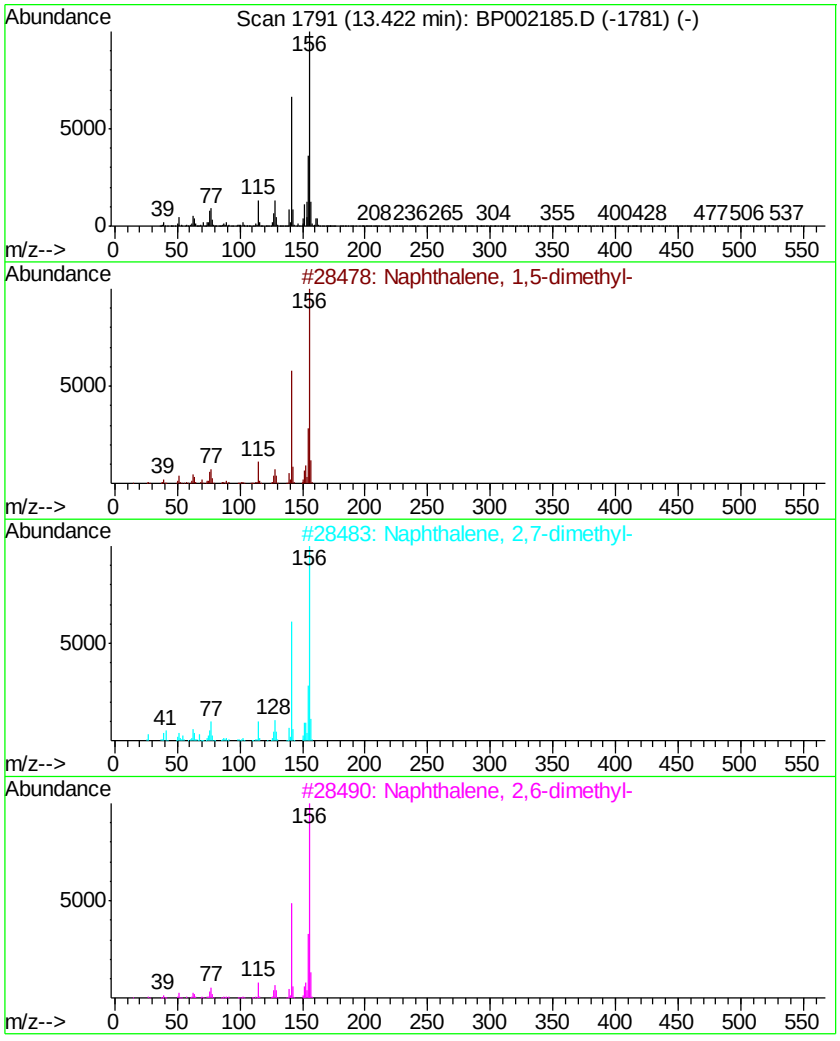
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

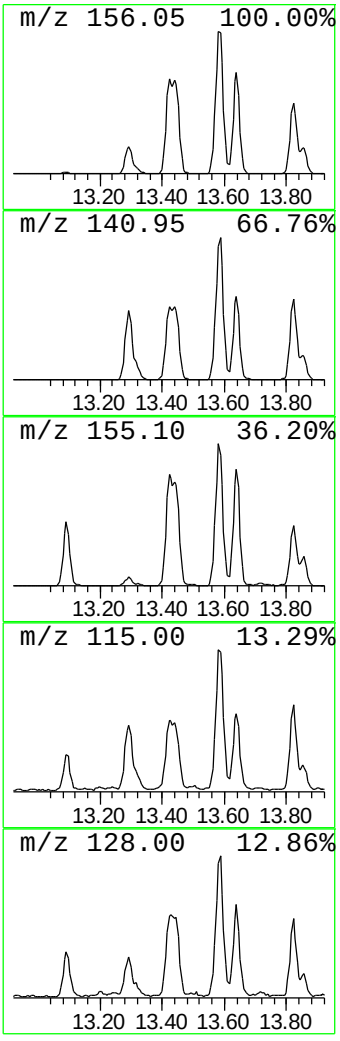
****

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.54 ng/ul	570985	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002185.D
Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

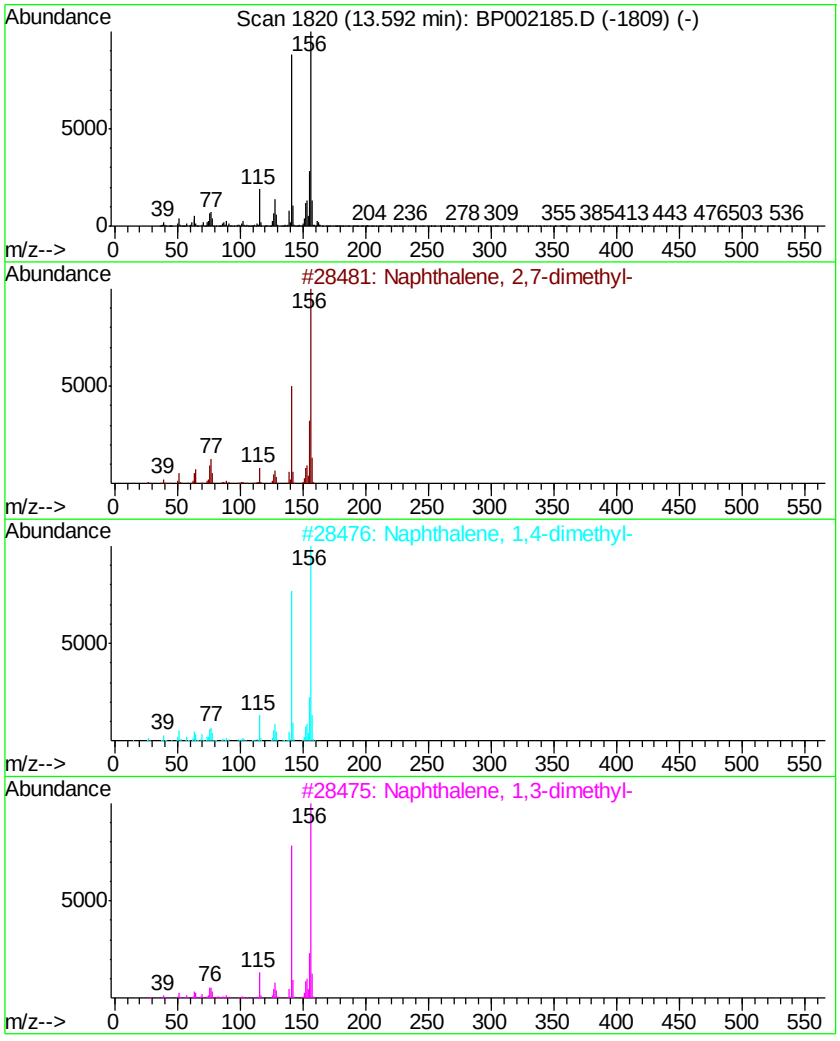
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

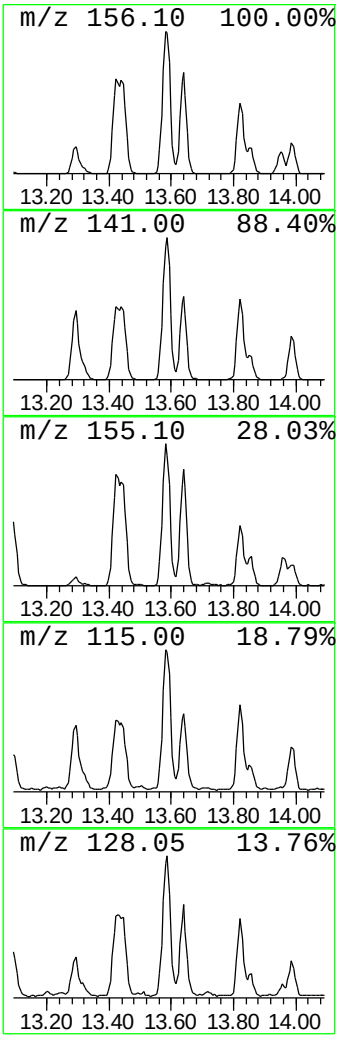
****

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	4.56 ng/ul	1024530	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002185.D
Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

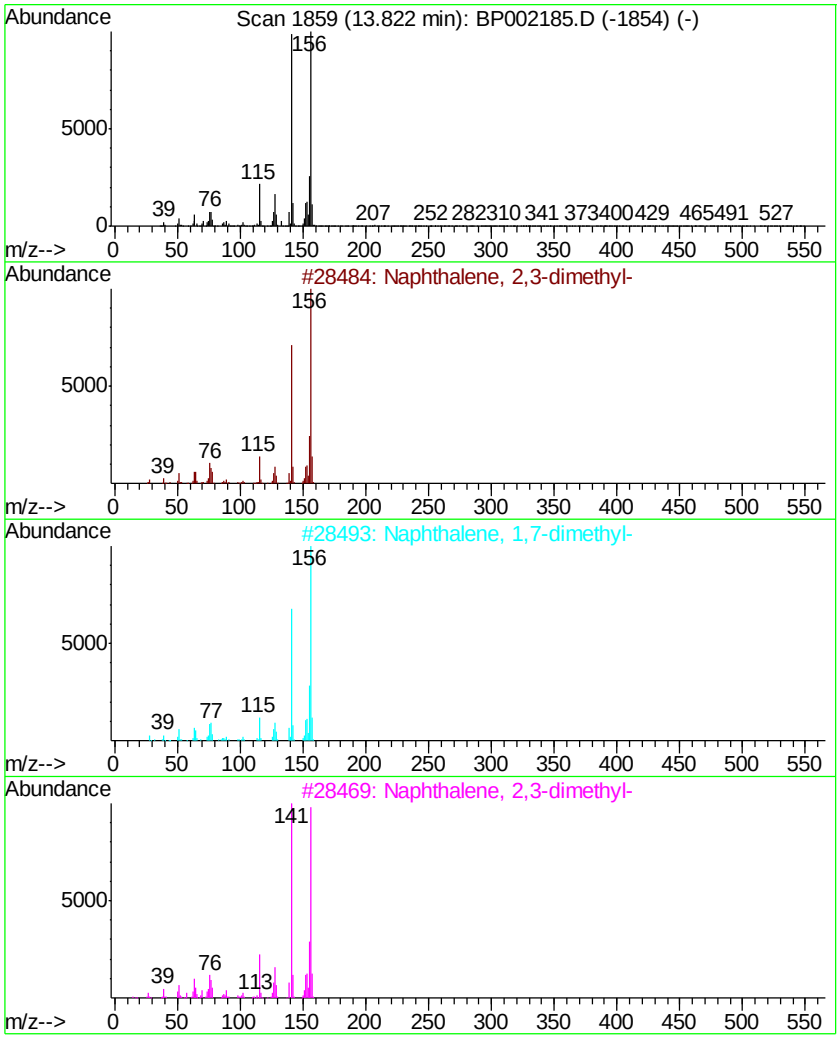
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

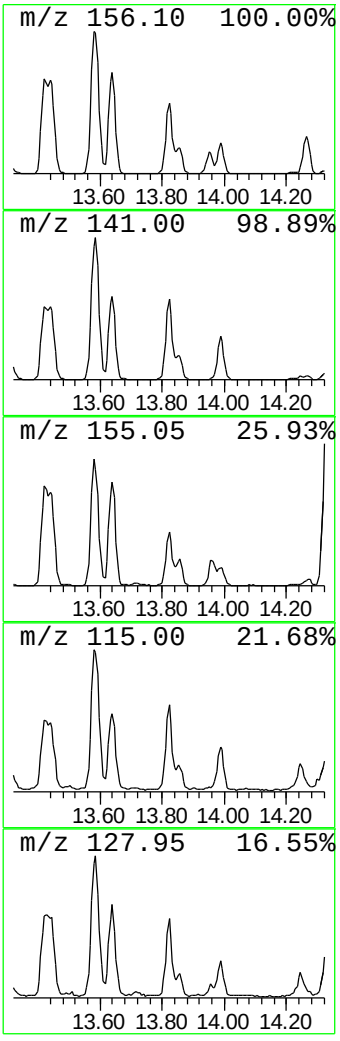
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.12 ng/ul	475275	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002185.D
Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

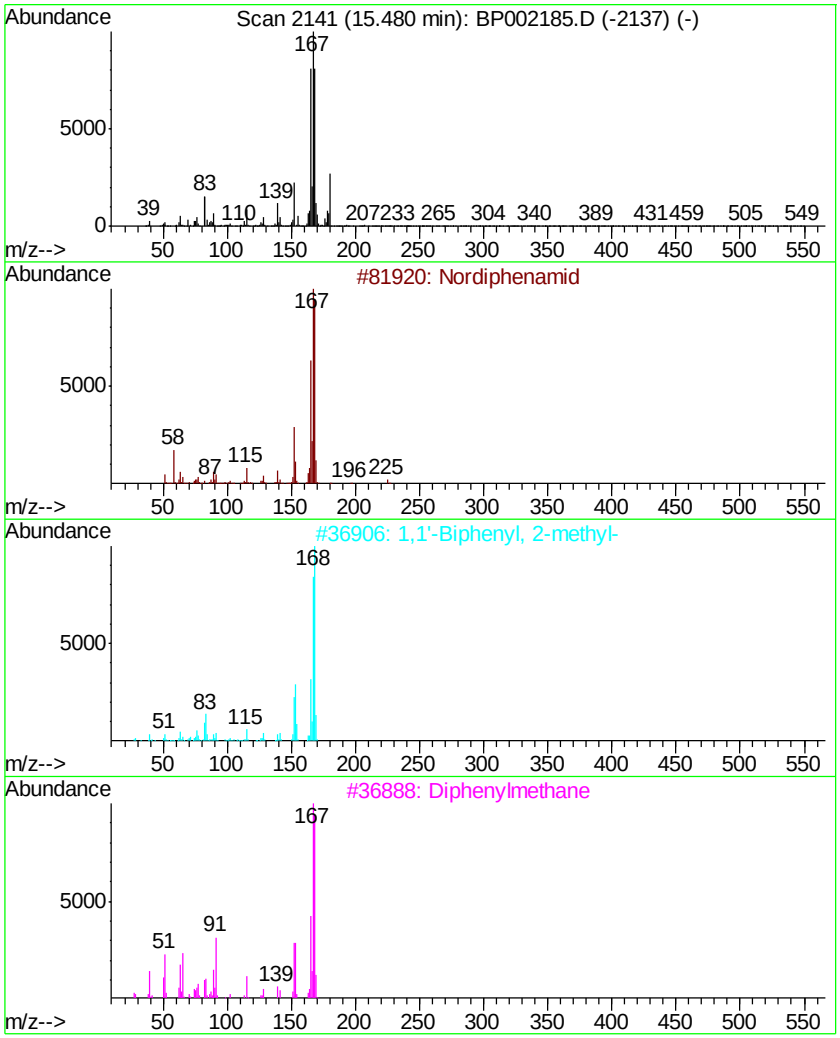
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

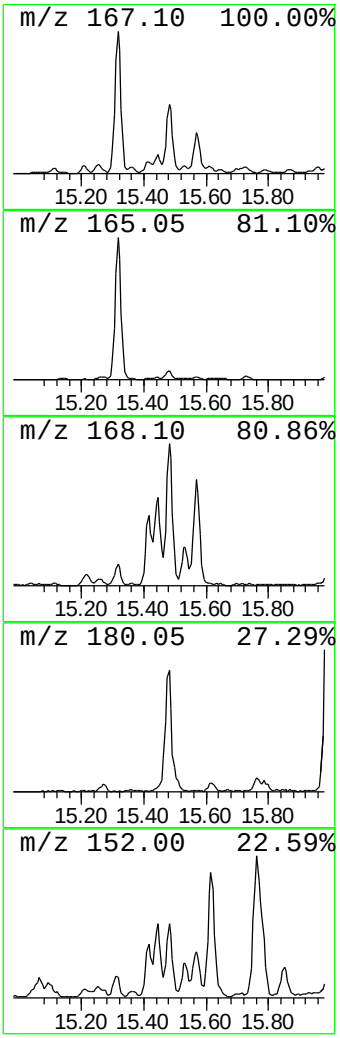
****

Peak Number 5 Nordiphenamid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	2.45 ng/ul	549439	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	64
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
3	Diphenylmethane	168	C13H12	000101-81-5	53
4	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	53
5	Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	53





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Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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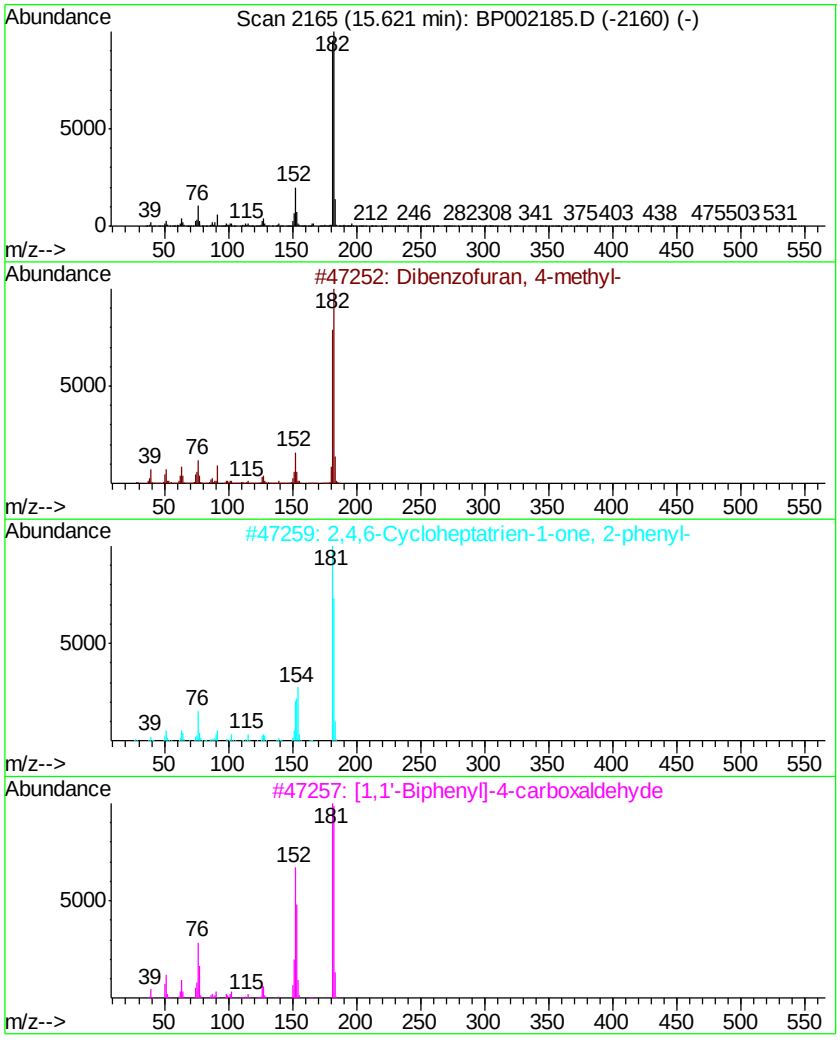
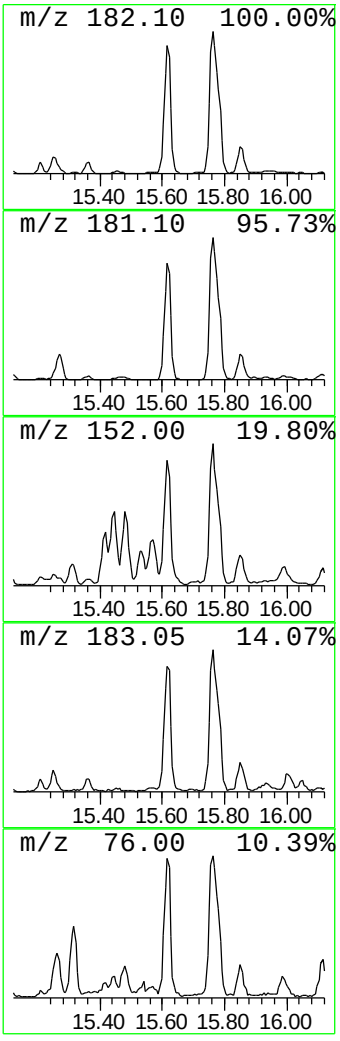
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	3.55 ng/ul	798156	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80





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Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

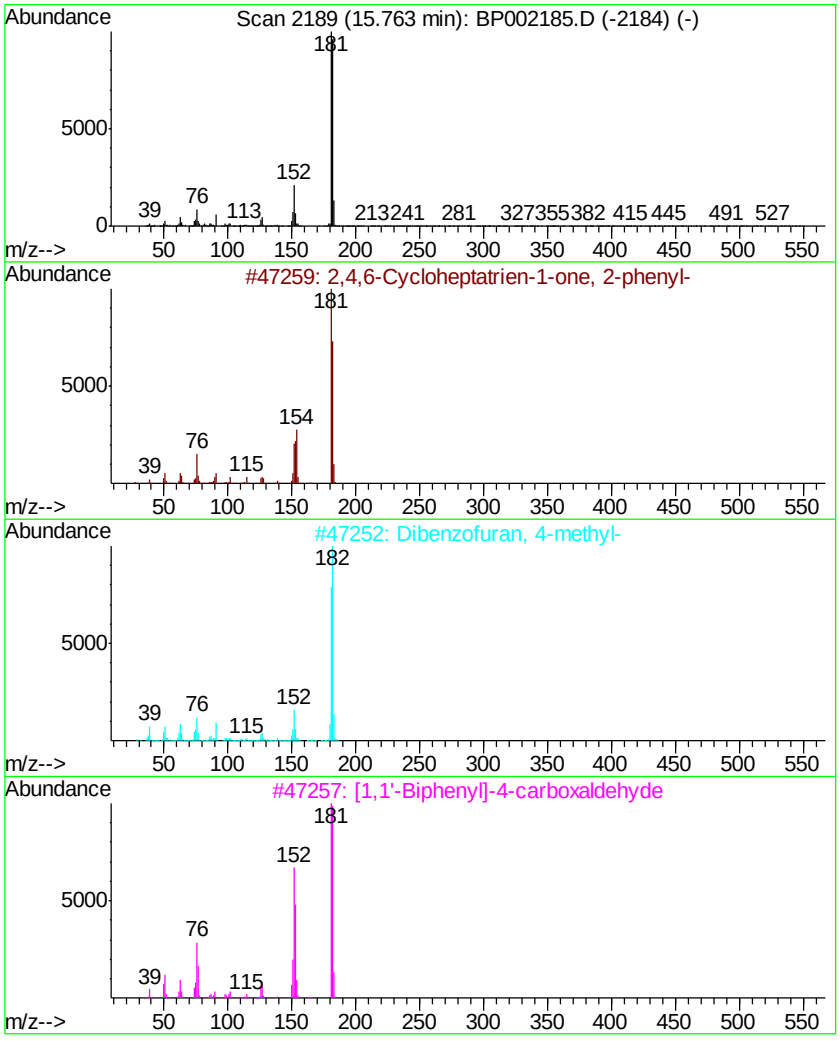
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

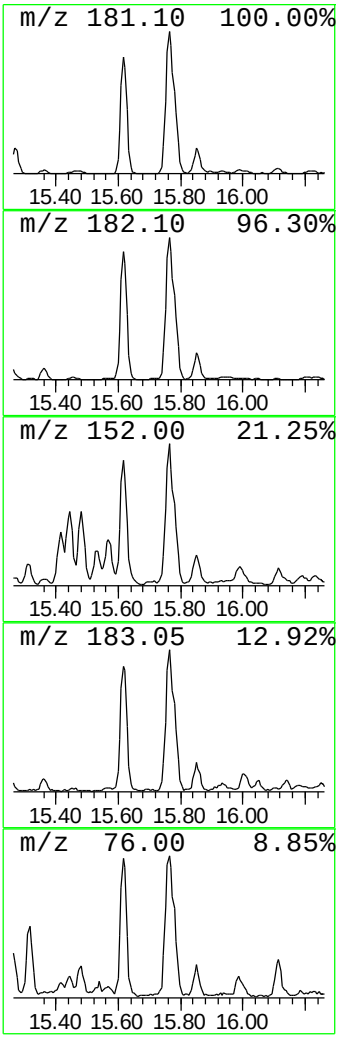
****

Peak Number 7 2,4,6-Cycloheptatrien-1-one... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	4.67 ng/ul	1135540	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

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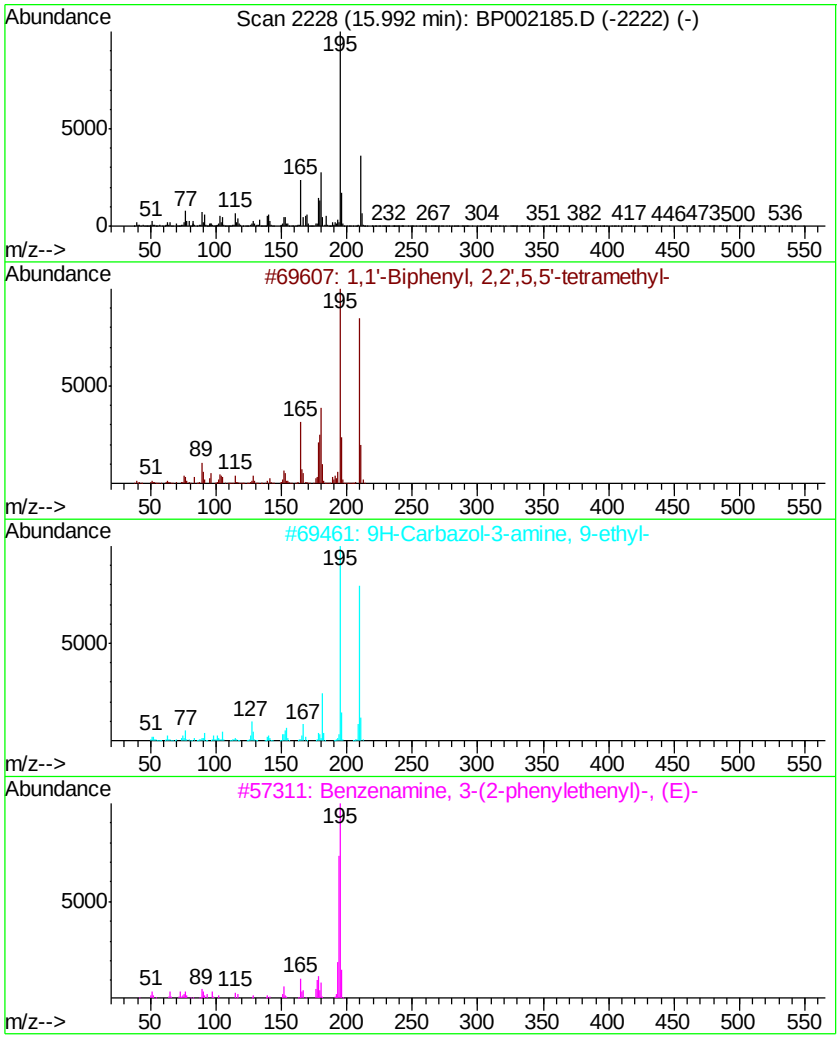
Quant Title : SVOA CALIBRATION

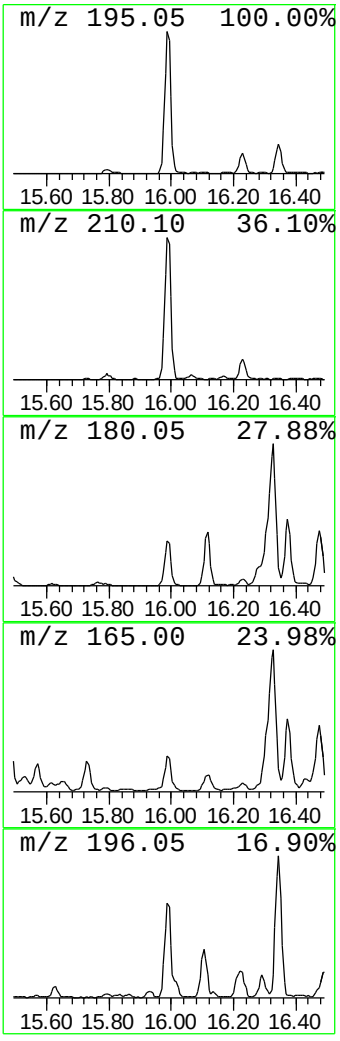
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.33 ng/ul	568069	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	55
2	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	53
3	Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	53
4	Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	49
5	1-(4-Ethylpiperazin-1-yl)-2,2,2-...	210	C8H13F3N2O	1000373-19-2	47





Library Search Compound Report

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Misc :
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Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

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

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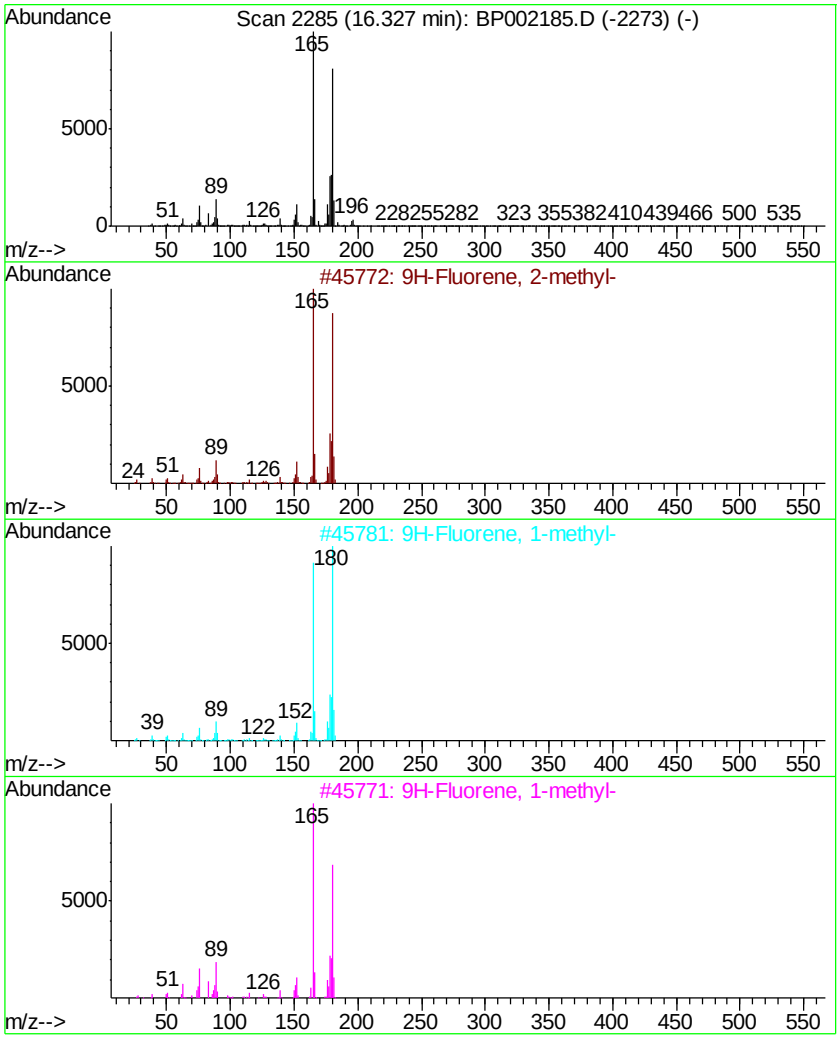
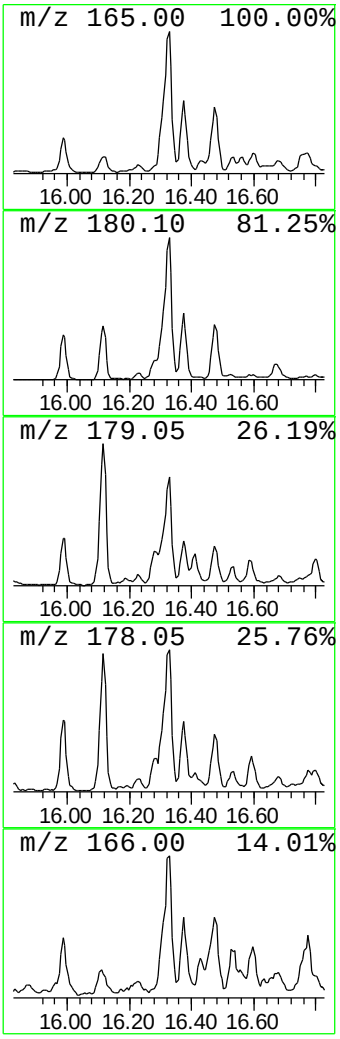
Peak Number 9 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	3.45 ng/ul	839027	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94





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Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

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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 2,4,6-Trimethoxybenzaldehyde Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.46 ng/ul	597836	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	72
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	70
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	53
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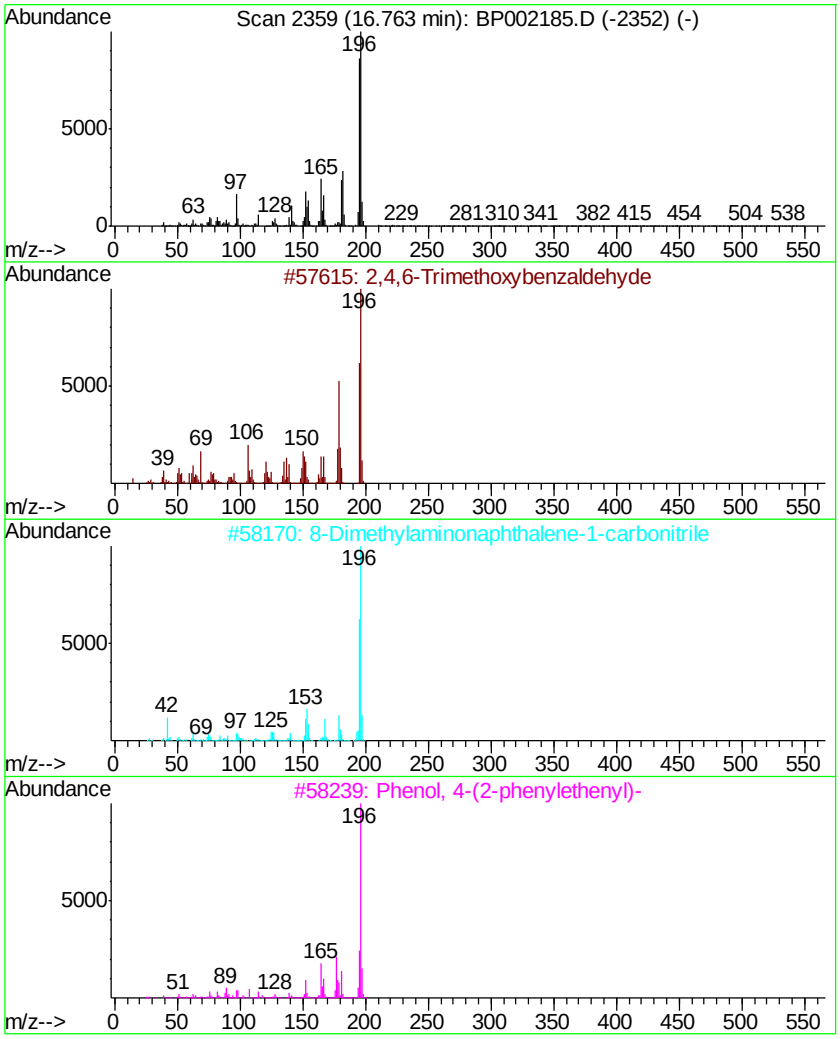

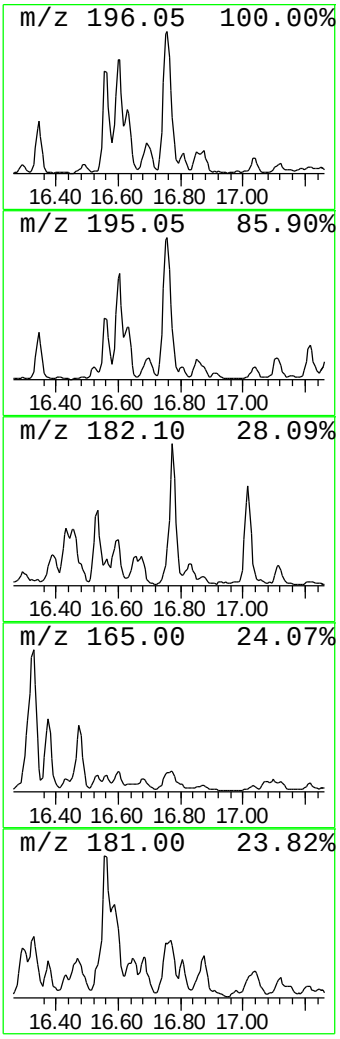

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Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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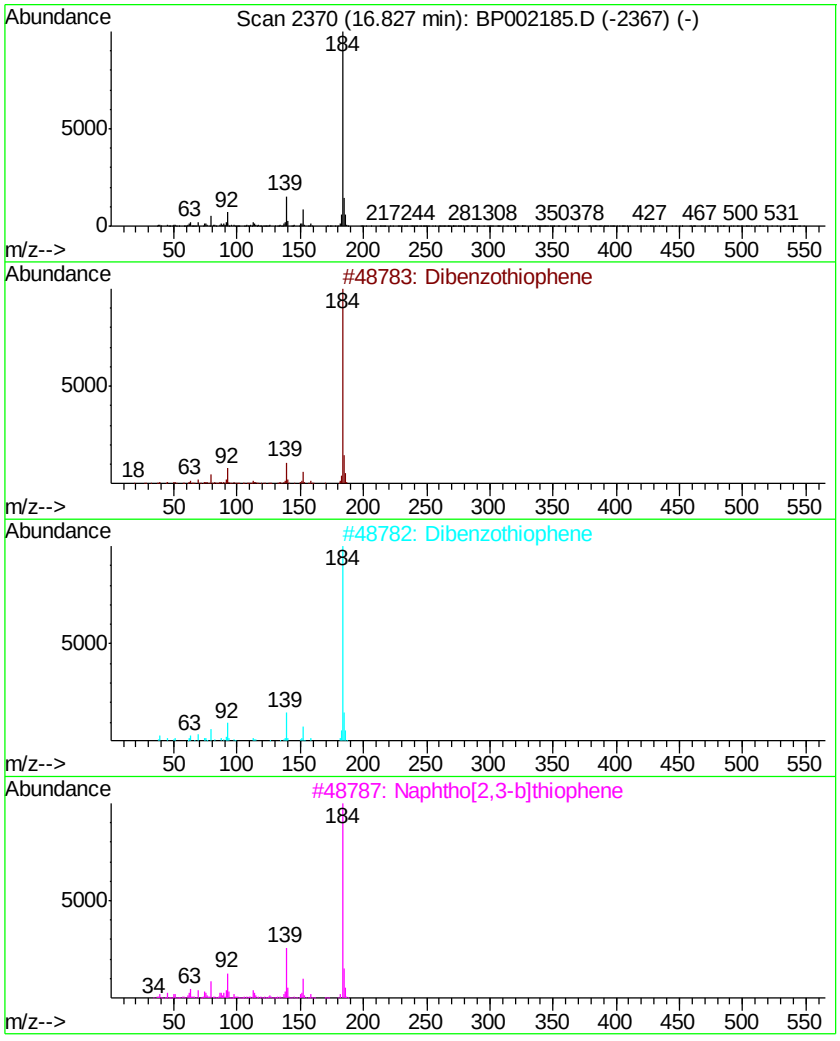
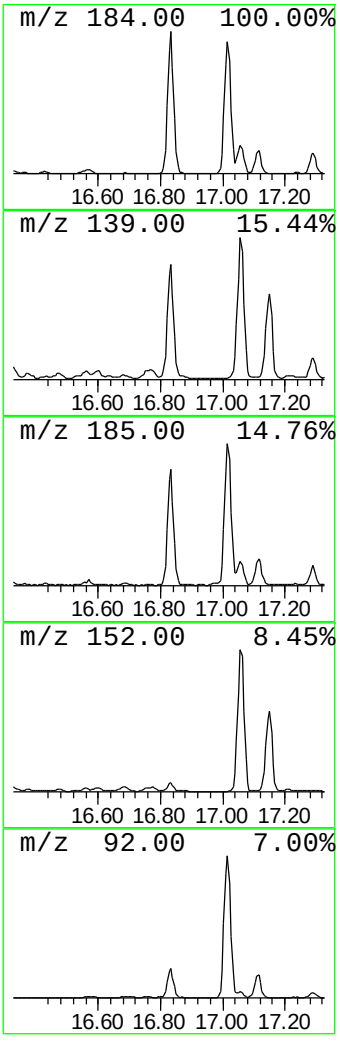
Peak Number 11 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	3.14 ng/ul	764208	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Library Search Compound Report

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Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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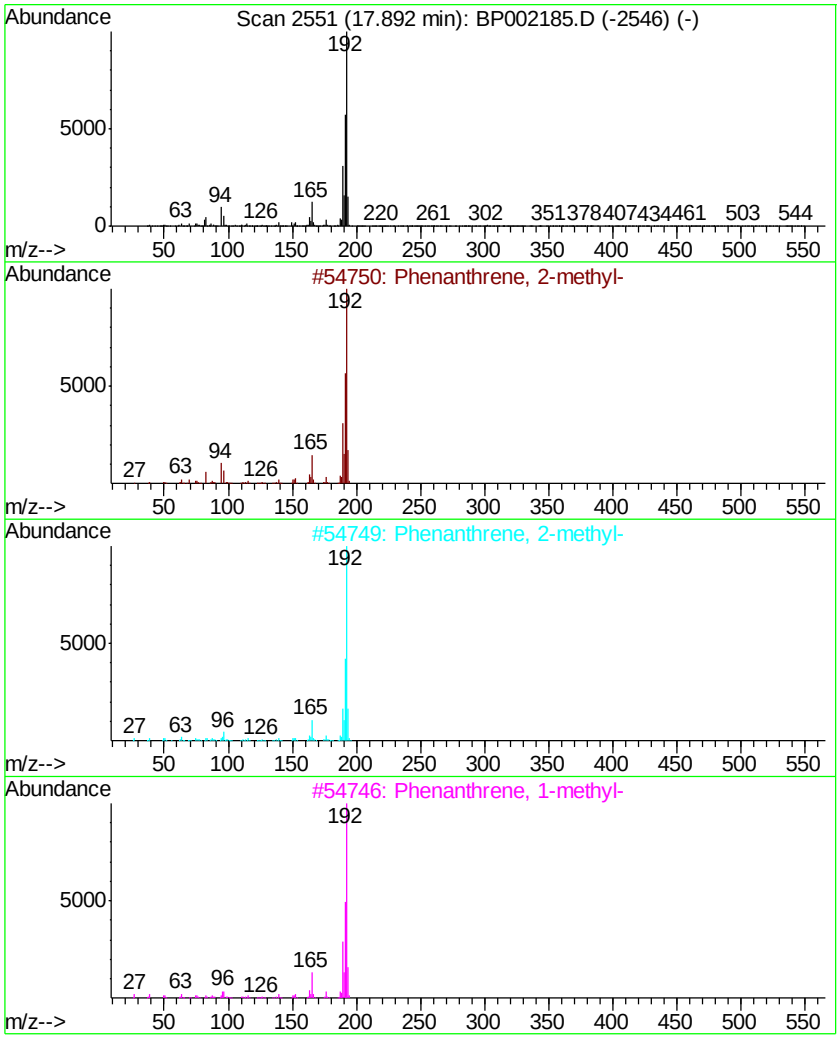
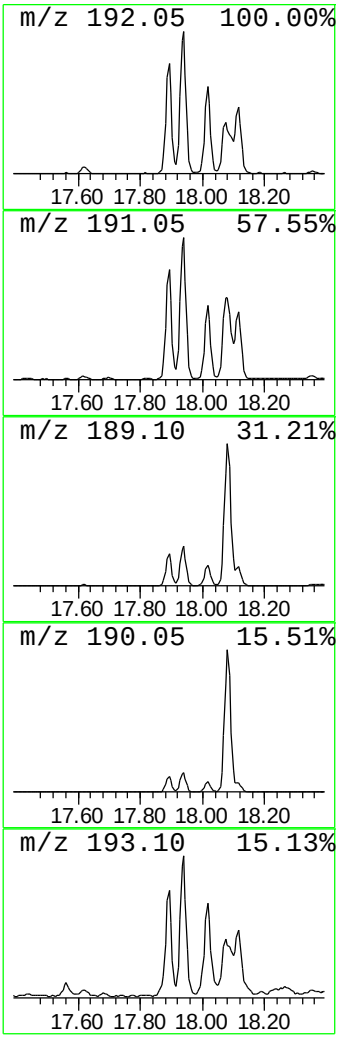
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.79 ng/ul	1166500	Phenanthrene-d10	17.02

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	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Sample : L1786-09
Misc :
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Instrument : BNA_P
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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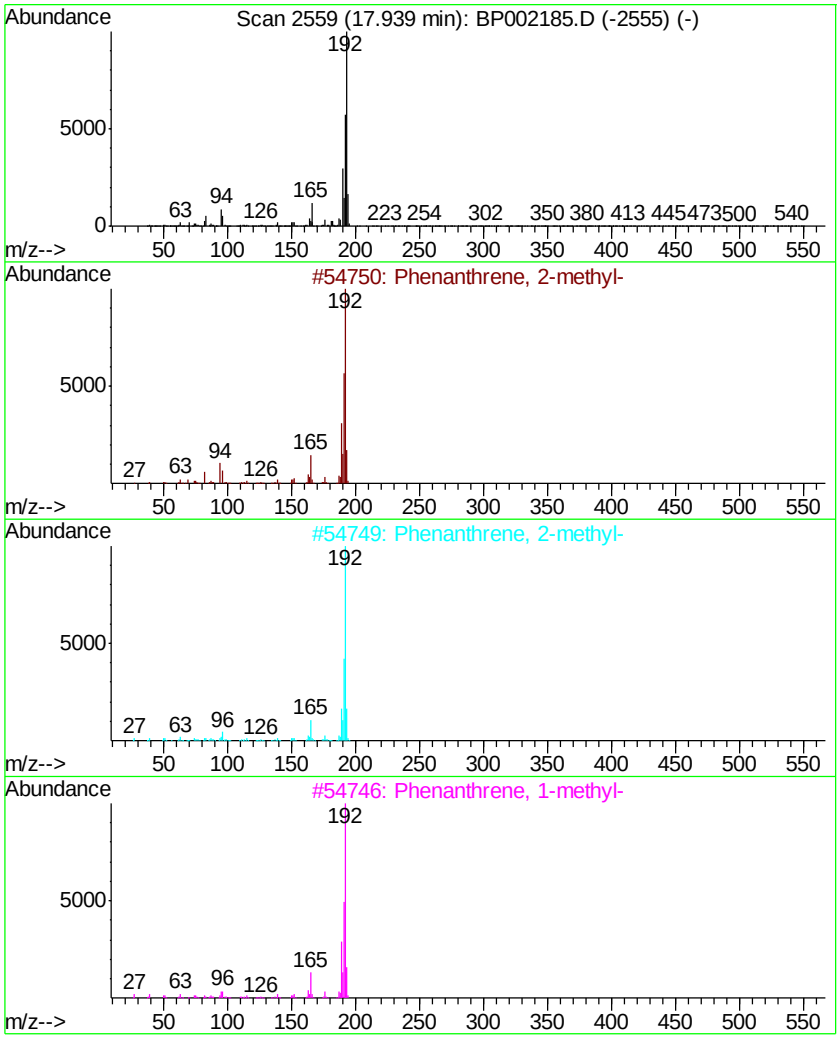
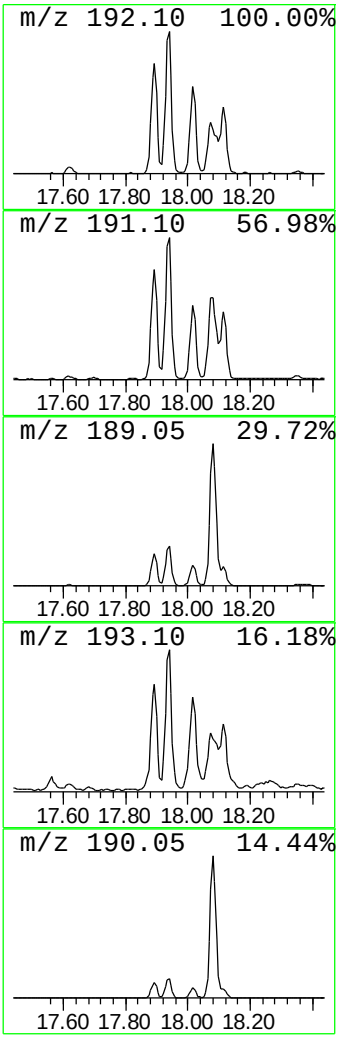
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	6.72 ng/ul	1636250	Phenanthrene-d10	17.02

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	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Instrument : BNA_P
ClientSampleId : C0AC5

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Quant Title : SVOA CALIBRATION

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

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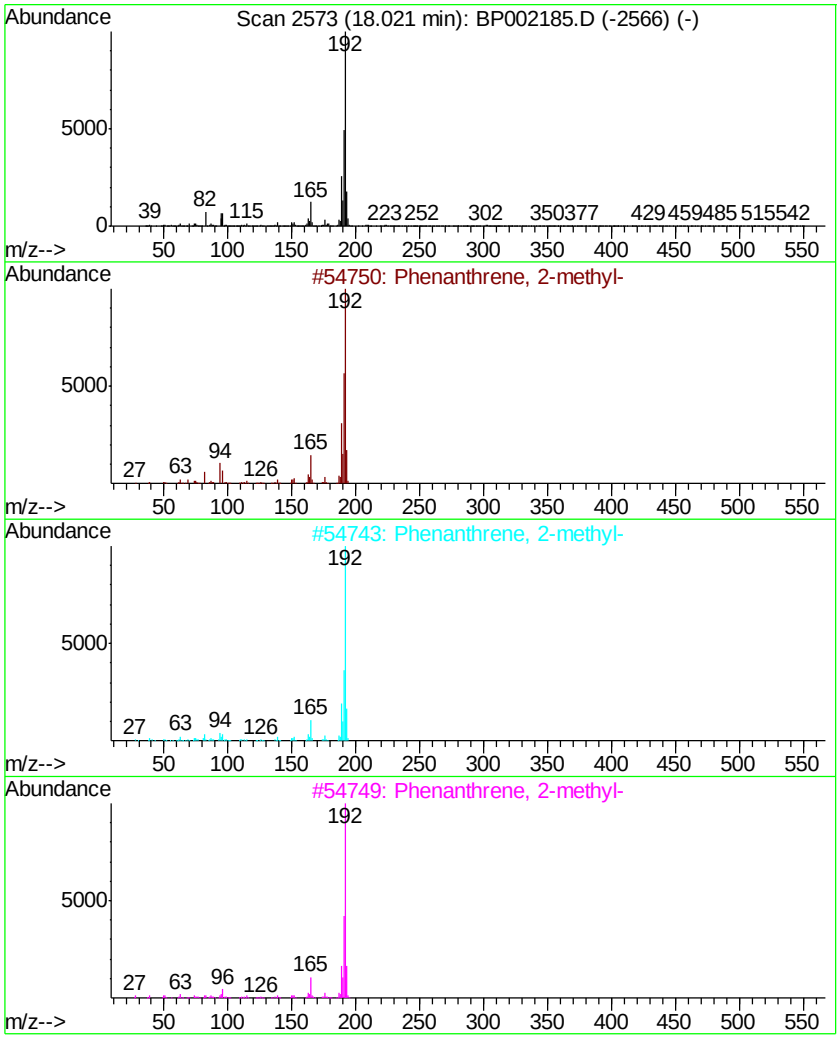
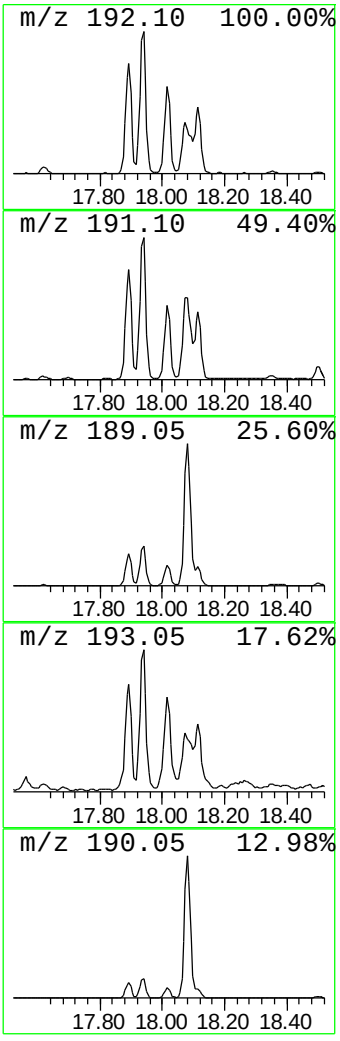
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	3.94 ng/ul	958344	Phenanthrene-d10	17.02

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	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





Library Search Compound Report

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Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

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

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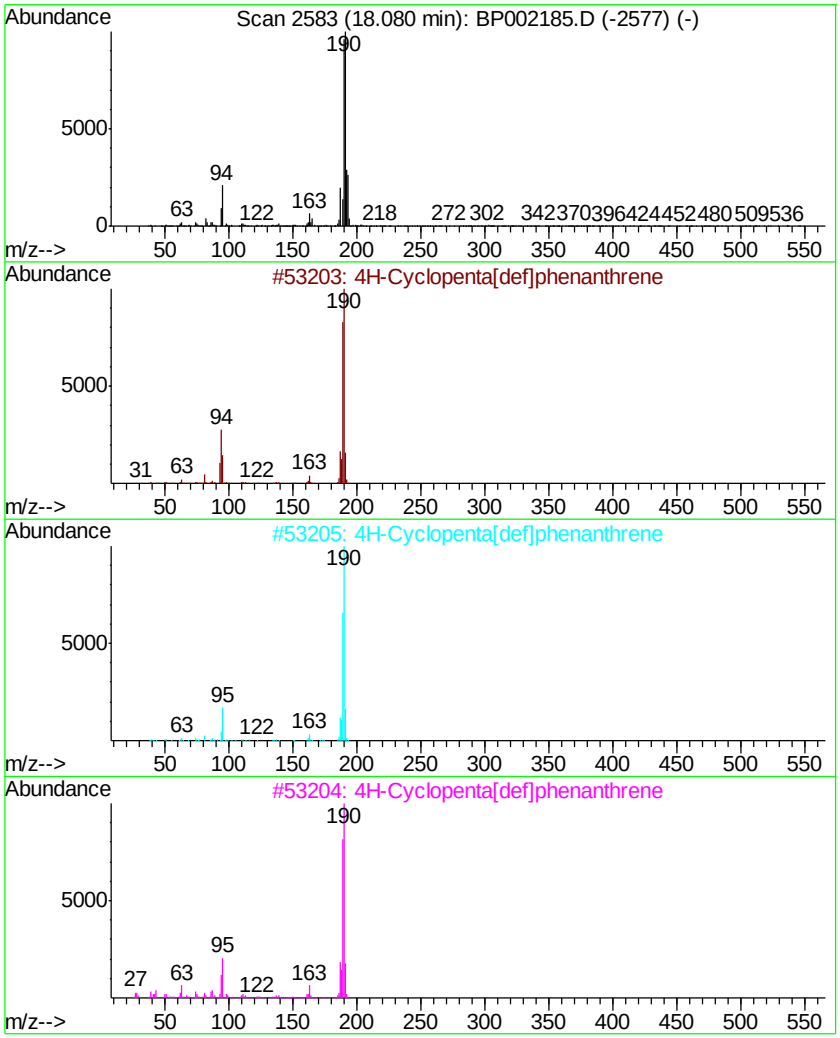
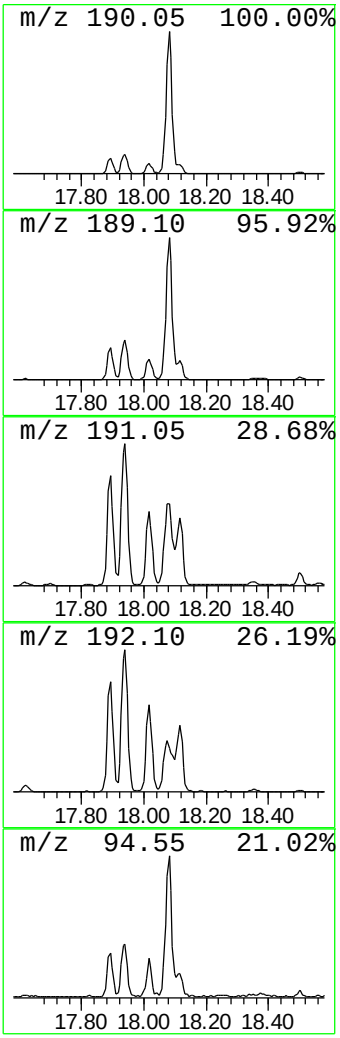
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	10.19 ng/ul	2479160	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Quant Title : SVOA CALIBRATION

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

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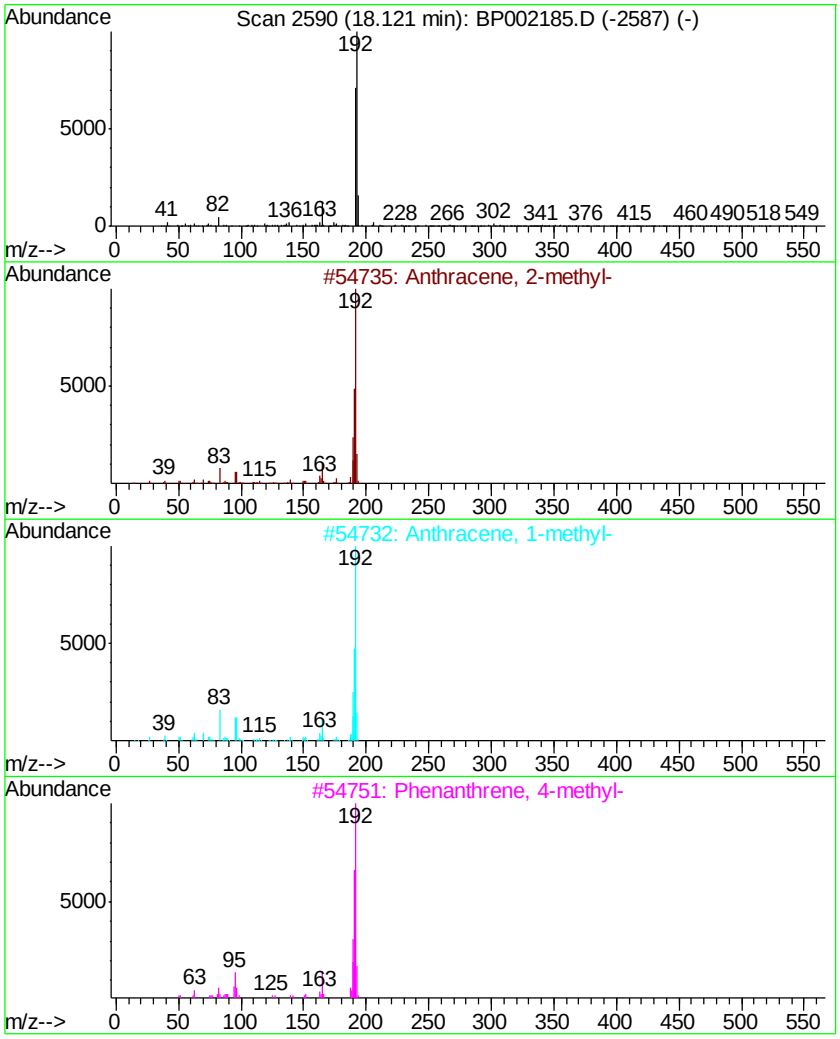
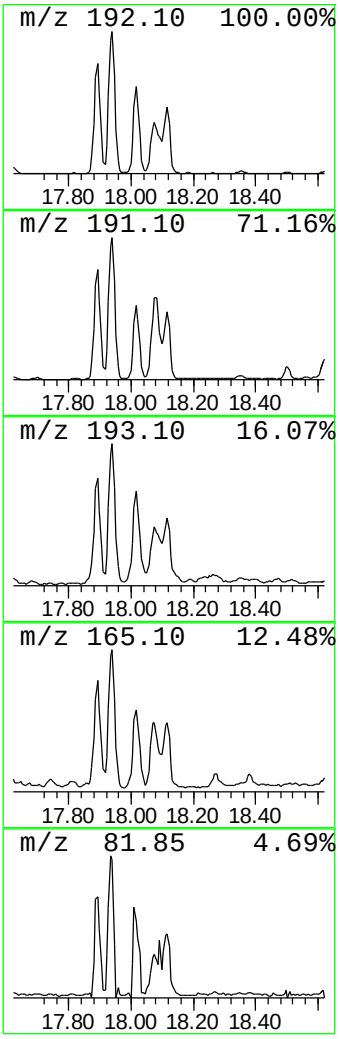
Peak Number 16 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.41 ng/ul	586979	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87





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Sample : L1786-09
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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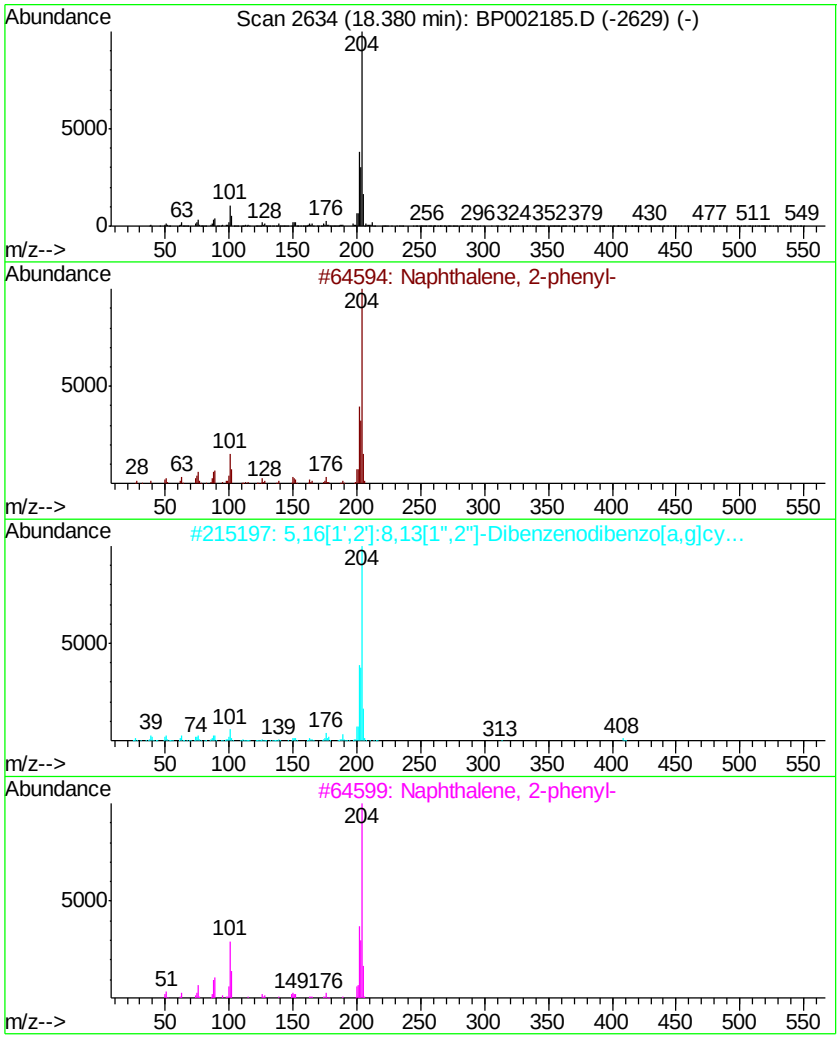
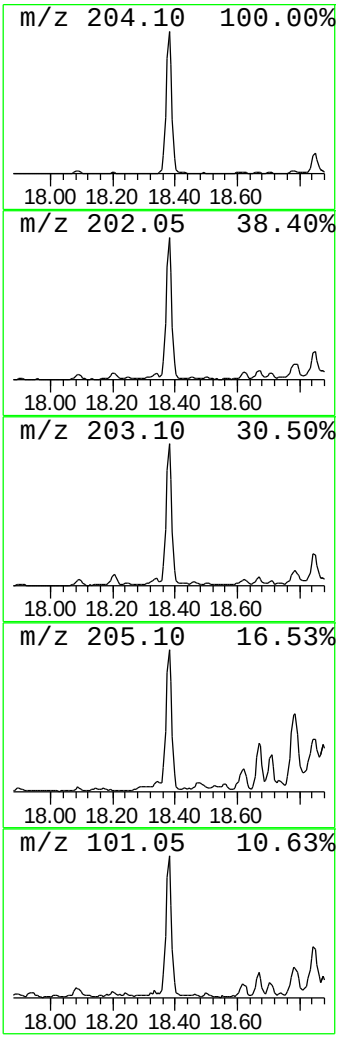
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	3.34 ng/ul	811583	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002185.D
Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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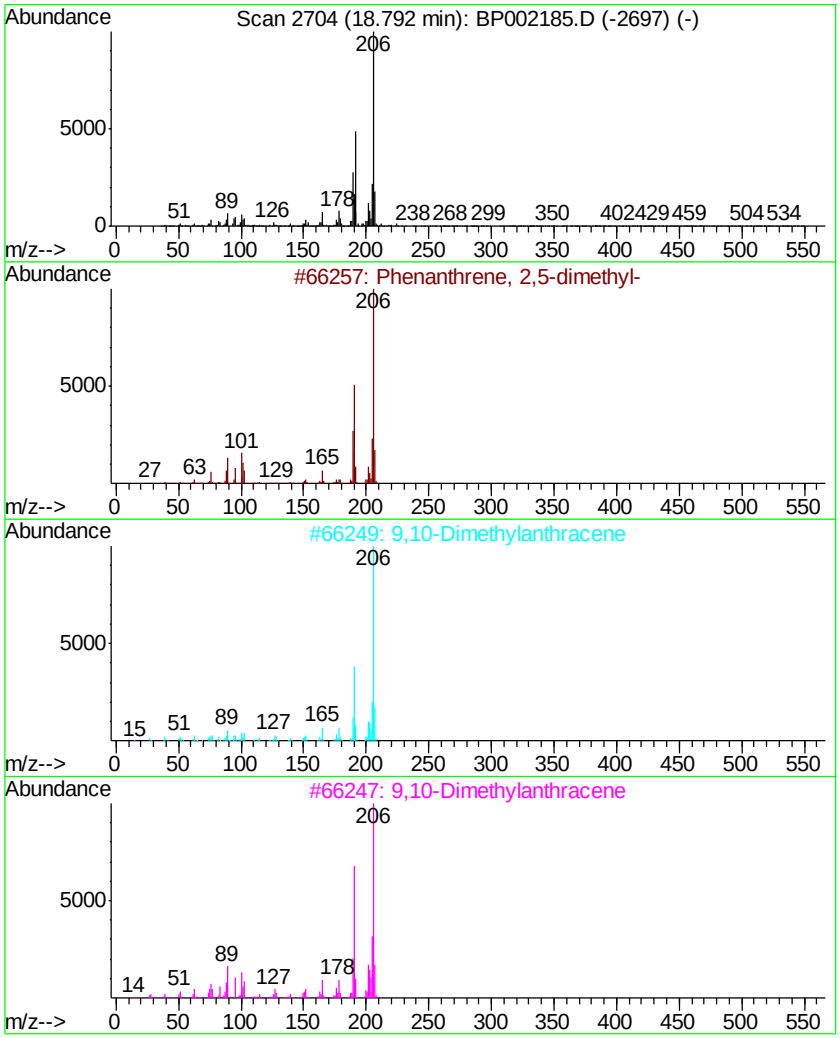
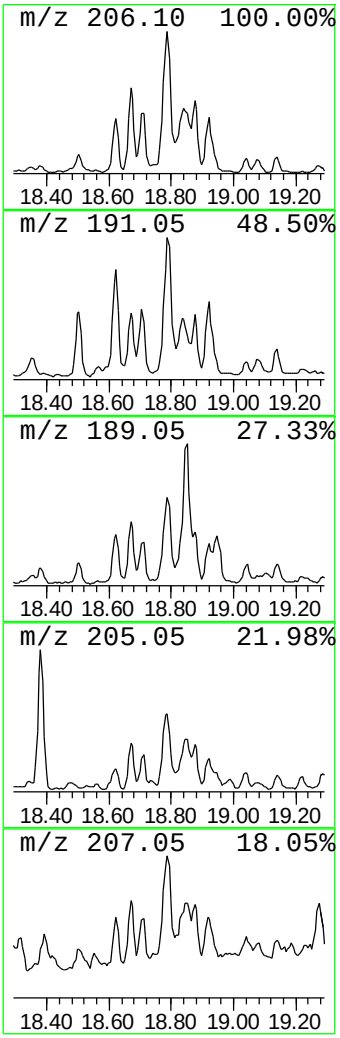
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	2.31 ng/ul	562354	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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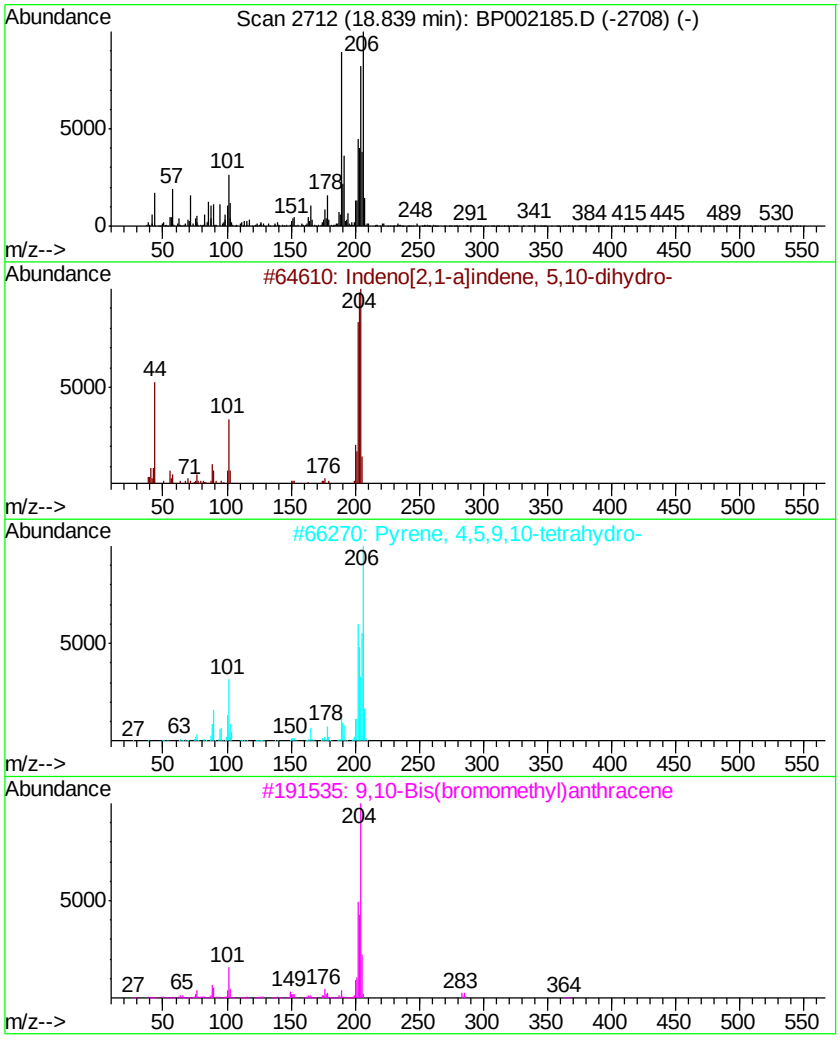
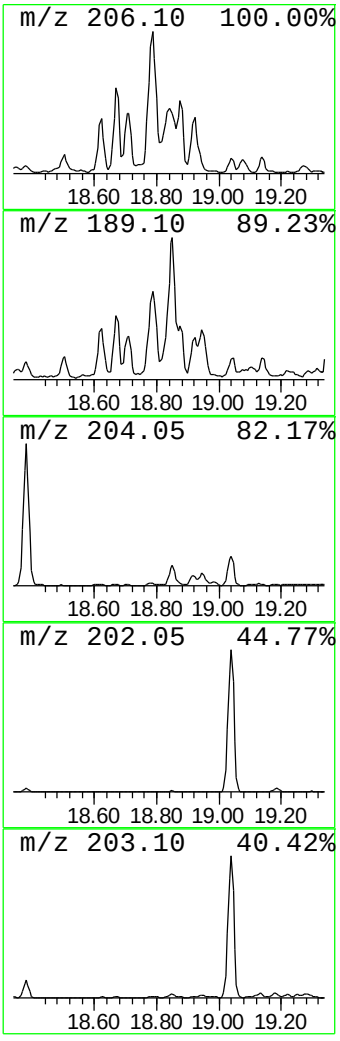
Peak Number 19 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.17 ng/ul	527946	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	48
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	44
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	42
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38





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Data File : BP002185.D
Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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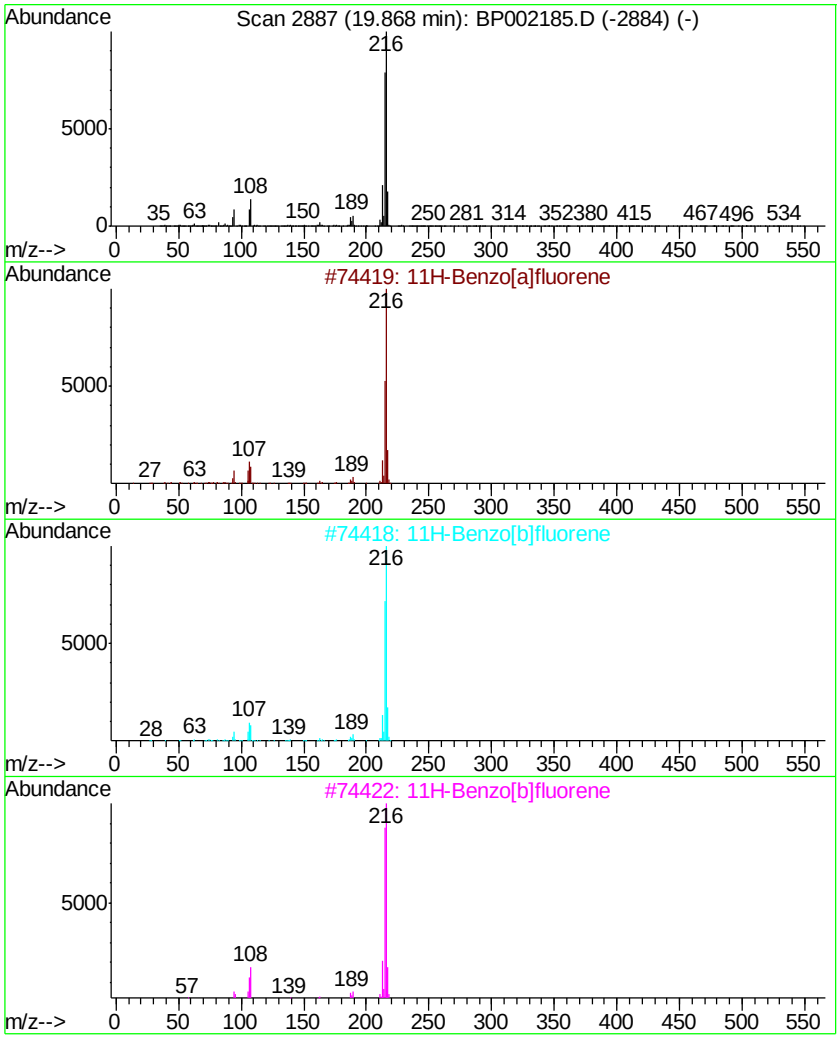
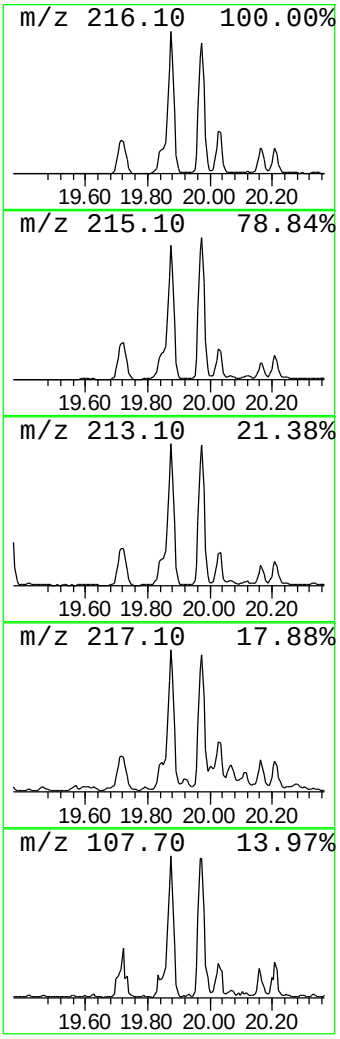
Peak Number 20 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	3.85 ng/ul	1955910	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002185.D
Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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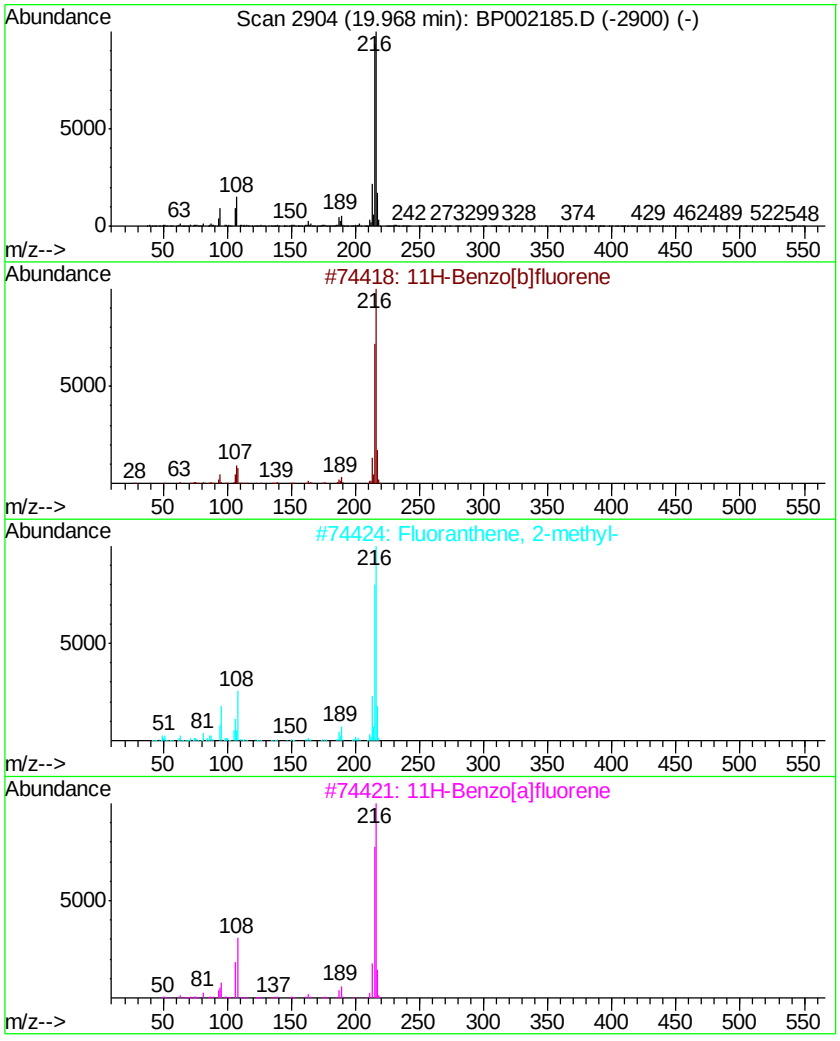
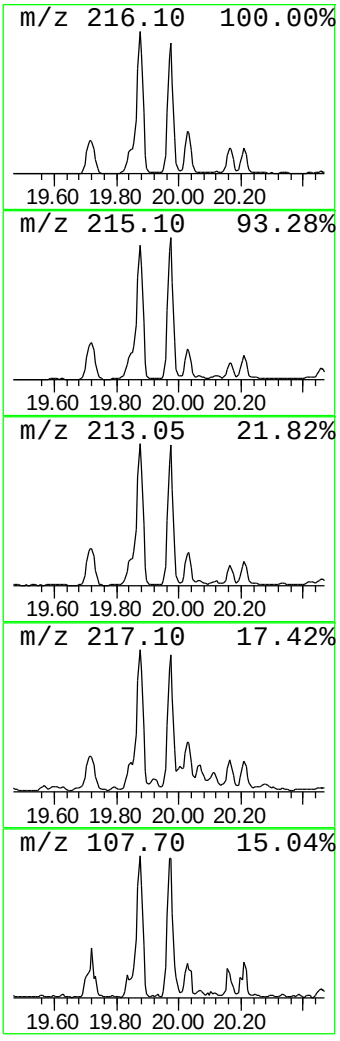
Peak Number 21 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	3.55 ng/ul	1803820	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP031220\
Data File : BP002185.D
Acq On : 12 Mar 2020 15:55
Operator : CG/JU
Sample : L1786-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.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
Naphthalene, 1-me...	12.29	9.5	ng/ul	1428970	2	10.40	3013510	20.0
Naphthalene, 1,5-...	13.42	2.5	ng/ul	570985	3	14.26	4491020	20.0
Naphthalene, 2,7-...	13.59	4.6	ng/ul	1024530	3	14.26	4491020	20.0
Naphthalene, 2,3-...	13.82	2.1	ng/ul	475275	3	14.26	4491020	20.0
Nordiphenamid	15.48	2.5	ng/ul	549439	3	14.26	4491020	20.0
Dibenzofuran, 4-m...	15.62	3.5	ng/ul	798156	3	14.26	4491020	20.0
2,4,6-Cycloheptat...	15.76	4.7	ng/ul	1135540	4	17.02	4866580	20.0
1,1'-Biphenyl, 2,...	15.99	2.3	ng/ul	568069	4	17.02	4866580	20.0
9H-Fluorene, 2-me...	16.33	3.5	ng/ul	839027	4	17.02	4866580	20.0
2,4,6-Trimethoxyb...	16.76	2.5	ng/ul	597836	4	17.02	4866580	20.0
Dibenzothiophene	16.83	3.1	ng/ul	764208	4	17.02	4866580	20.0
Phenanthrene, 2-m...	17.89	4.8	ng/ul	1166500	4	17.02	4866580	20.0
Phenanthrene, 1-m...	17.94	6.7	ng/ul	1636250	4	17.02	4866580	20.0
1H-Cyclopropa[l]p...	18.02	3.9	ng/ul	958344	4	17.02	4866580	20.0
4H-Cyclopenta[def...	18.08	10.2	ng/ul	2479160	4	17.02	4866580	20.0
Anthracene, 2-met...	18.12	2.4	ng/ul	586979	4	17.02	4866580	20.0
Naphthalene, 2-ph...	18.38	3.3	ng/ul	811583	4	17.02	4866580	20.0
Phenanthrene, 2,5...	18.79	2.3	ng/ul	562354	4	17.02	4866580	20.0
unknown-01	18.84	2.2	ng/ul	527946	4	17.02	4866580	20.0
11H-Benzo[a]fluorene	19.87	3.9	ng/ul	1955910	5	21.12	10162300	20.0
11H-Benzo[b]fluorene	19.97	3.5	ng/ul	1803820	5	21.12	10162300	20.0