LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000868.D
Acq On : 18 Oct 2019 05:05
Operator : JU
Sample : K5394-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.793	280	290	297	rBV	53261	89884	2.15%	0.136%
2	5.340	549	553	556	rBV	95502	114158	2.73%	0.173%
3	5.381	556	560	573	rVB	3382877	3097300	74.13%	4.689%
4	5.587	590	595	605	rBV2	251728	356752	8.54%	0.540%
5	6.398	729	733	742	rBV	3271966	3286081	78.65%	4.975%
6	6.522	750	754	758	rBV	3766846	3386746	81.06%	5.127%
7	6.587	760	765	769	rBV3	277954	369098	8.83%	0.559%
8	6.628	769	772	778	rVB	112811	104946	2.51%	0.159%
9	6.751	789	793	796	rBV	1199536	1082531	25.91%	1.639%
10	6.904	815	819	823	rBV	3498570	2986891	71.49%	4.522%
11	7.010	834	837	844	rBV2	180091	216642	5.19%	0.328%
12	7.310	881	888	891	rBV	2328974	2036899	48.75%	3.084%
13	7.351	893	895	901	rVV2	52505	88267	2.11%	0.134%
14	7.604	936	938	943	rVB	280146	228591	5.47%	0.346%
15	7.787	965	969	972	rBV2	85911	110843	2.65%	0.168%
16	7.834	972	977	979	rVV	70237	75060	1.80%	0.114%
17	8.034	1007	1011	1013	rBV	1538185	1371668	32.83%	2.077%
18	8.051	1013	1014	1018	rVB	611409	412553	9.87%	0.625%
19	8.251	1044	1048	1051	rBV	216608	171027	4.09%	0.259%
20	8.310	1055	1058	1061	rBV	269497	226547	5.42%	0.343%
21	8.634	1110	1113	1118	rVB2	84458	73662	1.76%	0.112%
22	8.751	1127	1133	1137	rBV2	431059	412243	9.87%	0.624%
23	8.810	1140	1143	1146	rBV	82074	75384	1.80%	0.114%
24	8.851	1146	1150	1153	rVB	321087	287905	6.89%	0.436%
25	9.116	1191	1195	1198	rBV	5179301	4130156	98.85%	6.253%
26	9.216	1205	1212	1215	rBV2	116561	166667	3.99%	0.252%
27	9.316	1226	1229	1233	rVB2	50159	70977	1.70%	0.107%
28	9.381	1233	1240	1243	rBV3	101461	150064	3.59%	0.227%
29	9.451	1249	1252	1255	rBV	199258	202971	4.86%	0.307%
30	9.481	1255	1257	1259	rVV	161351	124111	2.97%	0.188%
31	9.510	1259	1262	1270	rVV	821875	788202	18.86%	1.193%
32	9.575	1270	1273	1278	rVB	96891	122132	2.92%	0.185%
33	9.657	1283	1287	1292	rBV	486807	394290	9.44%	0.597%
34	9.734	1298	1300	1304	rBV2	86225	82881	1.98%	0.125%

LSC Area Percent Report

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Acq On : 18 Oct 2019 05:05
Operator : JU
Sample : K5394-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.798	1305	1311	1314	rVV	1743353	1553816	37.19%	2.352%
36	9.828	1314	1316	1320	rVB2	110286	119336	2.86%	0.181%
37	9.951	1333	1337	1343	rBV6	54565	137242	3.28%	0.208%
38	10.004	1343	1346	1349	rVB	153459	136224	3.26%	0.206%
39	10.210	1377	1381	1383	rBV3	90891	111122	2.66%	0.168%
40	10.345	1401	1404	1411	rVB3	178161	223296	5.34%	0.338%
41	10.463	1421	1424	1428	rVB3	98714	103483	2.48%	0.157%
42	10.510	1428	1432	1434	rBV	93272	97201	2.33%	0.147%
43	10.592	1442	1446	1451	rBV	2875491	2512382	60.13%	3.804%
44	10.716	1464	1467	1475	rVB2	182977	292142	6.99%	0.442%
45	10.904	1495	1499	1501	rBV4	56732	84314	2.02%	0.128%
46	11.098	1529	1532	1536	rVB	194903	181928	4.35%	0.275%
47	11.151	1538	1541	1542	rVV2	69762	84617	2.03%	0.128%
48	11.192	1546	1548	1556	rVB	210527	227395	5.44%	0.344%
49	11.298	1562	1566	1568	rBV	1673574	1563790	37.43%	2.368%
50	11.322	1568	1570	1573	rVV	1746462	1323769	31.68%	2.004%
51	11.369	1575	1578	1582	rVB	432433	396617	9.49%	0.600%
52	11.410	1582	1585	1588	rBV2	74564	90575	2.17%	0.137%
53	11.533	1603	1606	1608	rBV	83025	71412	1.71%	0.108%
54	11.598	1614	1617	1620	rVB2	168233	155822	3.73%	0.236%
55	11.633	1620	1623	1626	rBV2	198697	172415	4.13%	0.261%
56	11.763	1642	1645	1647	rBV2	85364	97249	2.33%	0.147%
57	11.804	1649	1652	1655	rVV	459505	476926	11.41%	0.722%
58	11.833	1655	1657	1661	rVV	644643	569922	13.64%	0.863%
59	11.881	1663	1665	1667	rVV	199394	172852	4.14%	0.262%
60	11.916	1668	1671	1674	rVV	592366	699416	16.74%	1.059%
61	11.939	1674	1675	1680	rVB	365586	247837	5.93%	0.375%
62	12.016	1685	1688	1690	rVV2	132468	115393	2.76%	0.175%
63	12.045	1690	1693	1695	rVB	92389	84625	2.03%	0.128%
64	12.104	1700	1703	1705	rVV	338886	288414	6.90%	0.437%
65	12.133	1705	1708	1712	rVB2	217174	247355	5.92%	0.374%
66	12.286	1732	1734	1737	rBV	119396	127071	3.04%	0.192%
67	12.363	1744	1747	1750	rBV	383230	384381	9.20%	0.582%
68	12.451	1759	1762	1766	rBV2	260659	285187	6.83%	0.432%
69	12.528	1771	1775	1778	rVB	2250941	1832036	43.85%	2.774%
70	12.575	1780	1783	1784	rBV	106831	95039	2.27%	0.144%
71	12.622	1789	1791	1794	rBV	165218	152382	3.65%	0.231%

LSC Area Percent Report

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.757	1809	1814	1817	rBV	2294170	2389726	57.20%	3.618%
73	12.880	1832	1835	1836	rBV2	138612	134439	3.22%	0.204%
74	12.904	1836	1839	1846	rVB	4392449	4178144	100.00%	6.326%
75	12.980	1849	1852	1856	rVV3	267460	368049	8.81%	0.557%
76	13.039	1860	1862	1864	rVV3	147235	142784	3.42%	0.216%
77	13.069	1864	1867	1869	rVV3	248791	342092	8.19%	0.518%
78	13.092	1869	1871	1874	rVB	403372	333895	7.99%	0.506%
79	13.198	1886	1889	1897	rVB2	412221	465848	11.15%	0.705%
80	13.292	1902	1905	1908	rVV	310334	271215	6.49%	0.411%
81	13.322	1908	1910	1914	rVB	300314	244144	5.84%	0.370%
82	13.610	1956	1959	1963	rVB	321348	333218	7.98%	0.504%
83	13.722	1975	1978	1980	rBV2	337149	308541	7.38%	0.467%
84	13.745	1980	1982	1985	rVB	219292	176512	4.22%	0.267%
85	13.775	1985	1987	1989	rBV	164914	144203	3.45%	0.218%
86	13.822	1993	1995	2000	rBV2	487225	535347	12.81%	0.811%
87	13.975	2016	2021	2024	rBV2	2084563	3020560	72.29%	4.573%
88	14.004	2024	2026	2029	rVB	1286650	980129	23.46%	1.484%
89	14.063	2034	2036	2038	rBV	136691	140169	3.35%	0.212%
90	14.369	2086	2088	2092	rVB	330746	285679	6.84%	0.433%
91	14.404	2092	2094	2097	rVB	204095	159107	3.81%	0.241%
92	14.498	2107	2110	2112	rBV	256095	240765	5.76%	0.365%
93	15.033	2196	2201	2204	rBV	1290339	1937234	46.37%	2.933%
94	15.139	2216	2219	2223	rVB	290511	293248	7.02%	0.444%
95	15.333	2248	2252	2258	rVB	874524	1120838	26.83%	1.697%
96	15.398	2258	2263	2268	rBV	1135786	1394231	33.37%	2.111%
97	15.463	2269	2274	2277	rVV	1145868	1547726	37.04%	2.343%
98	15.492	2277	2279	2286	rVB2	346650	443063	10.60%	0.671%
99	16.933	2519	2524	2533	rVB2	459043	919816	22.01%	1.393%
100	17.380	2595	2600	2610	rVB	397343	791344	18.94%	1.198%

Sum of corrected areas: 66051178

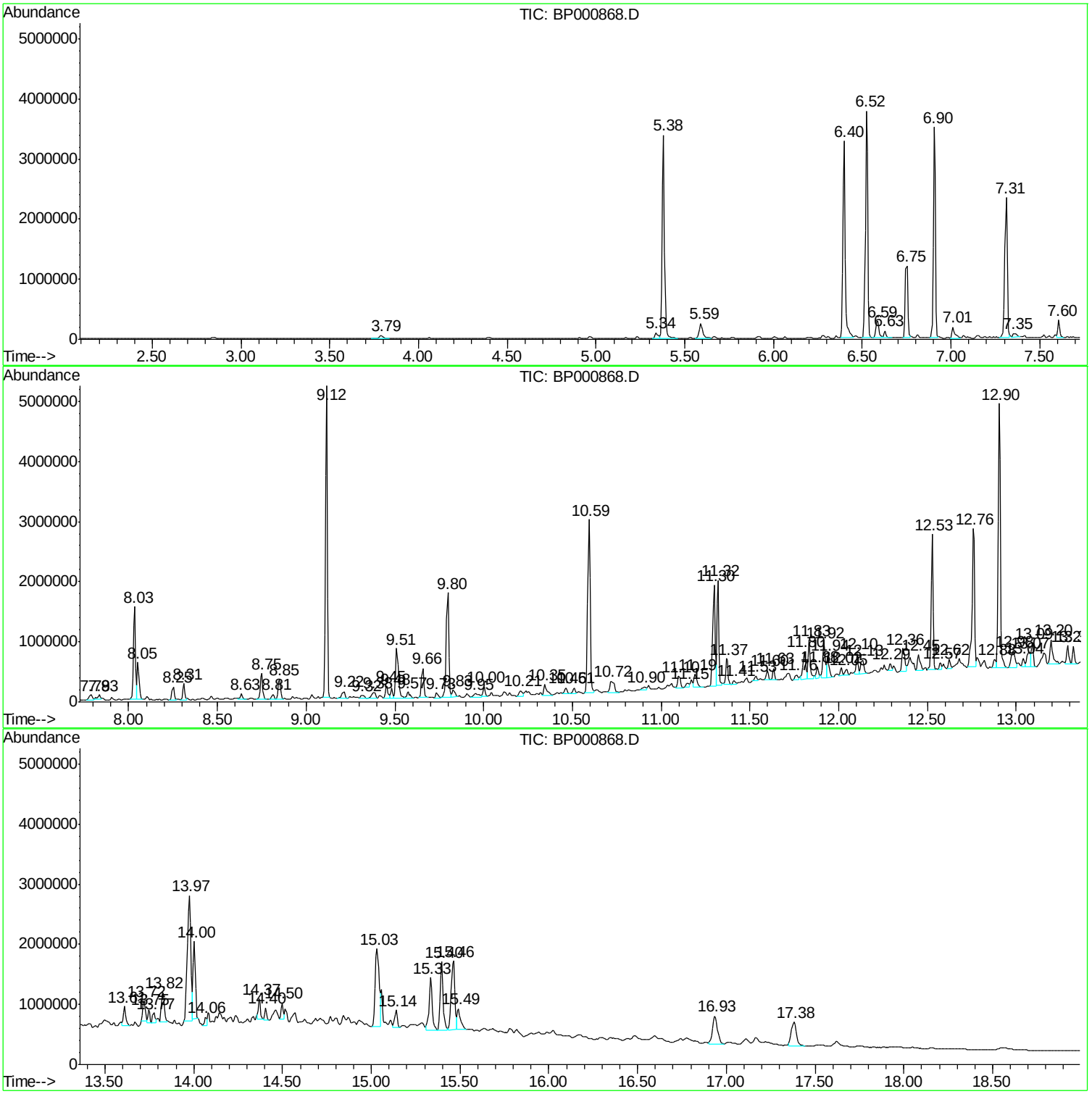
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000868.D
Acq On : 18 Oct 2019 05:05
Operator : JU
Sample : K5394-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000868.D
Acq On : 18 Oct 2019 05:05
Operator : JU
Sample : K5394-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

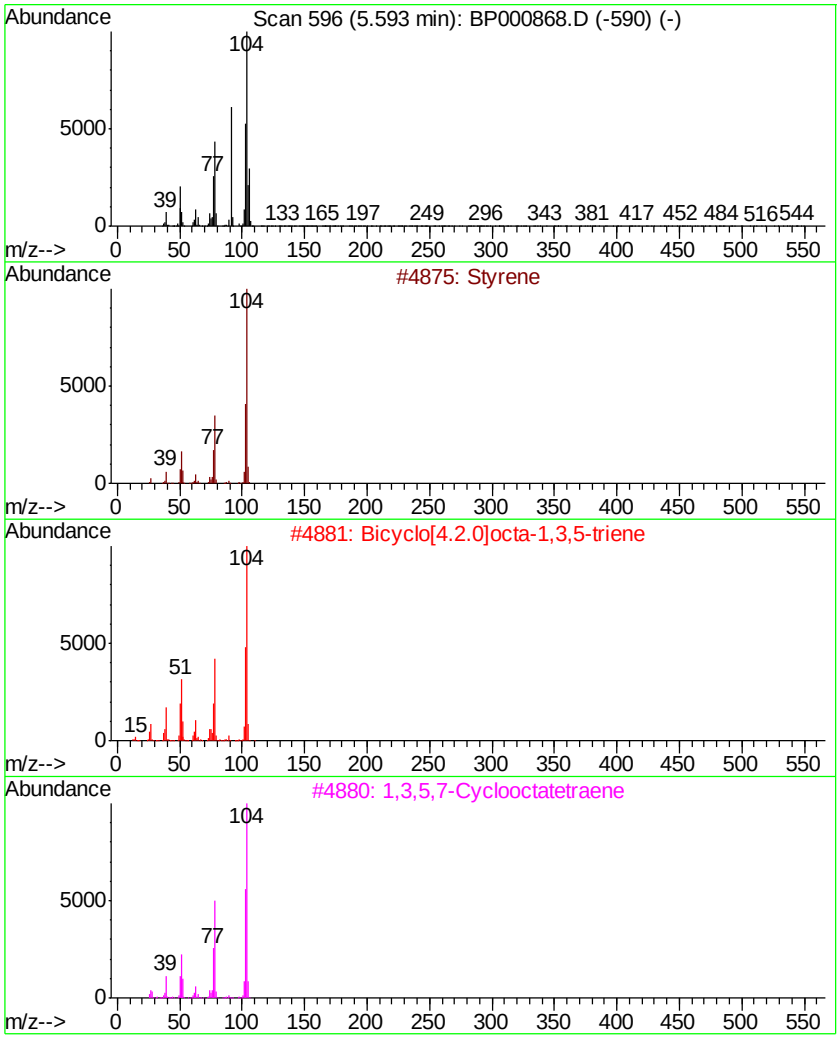
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

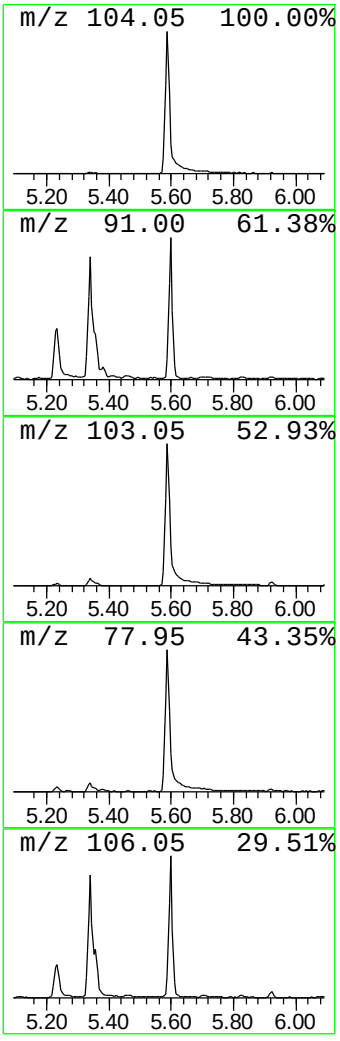
****

Peak Number 1 Styrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	6.59 ng	356752	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	95
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	47
5	Nicotinic acid, 2-phenylethyl ester	227	C14H13NO2	1000308-36-9	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
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Operator : JU
Sample : K5394-01
Misc :
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Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

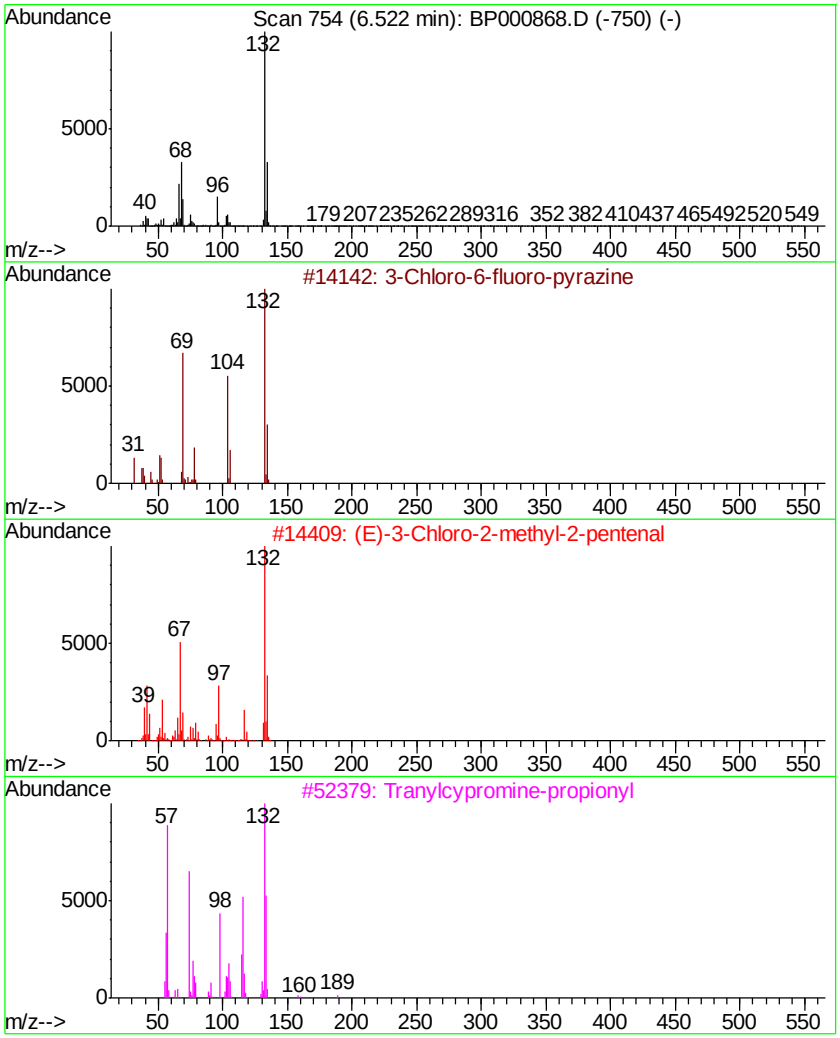
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

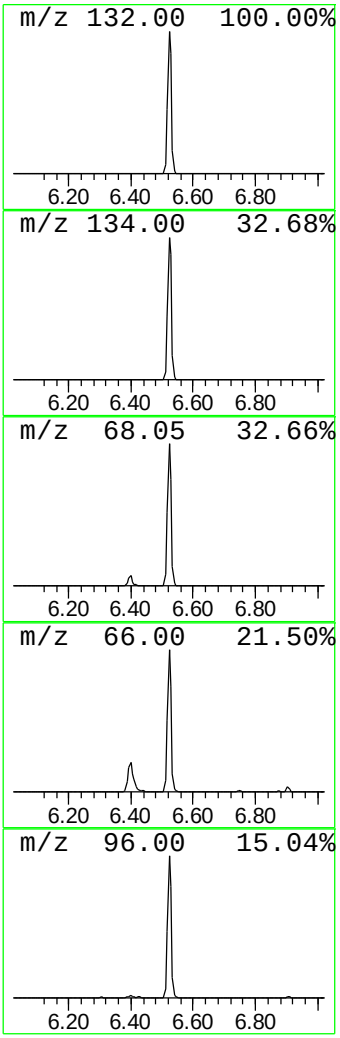
****

Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	62.57 ng	3386750	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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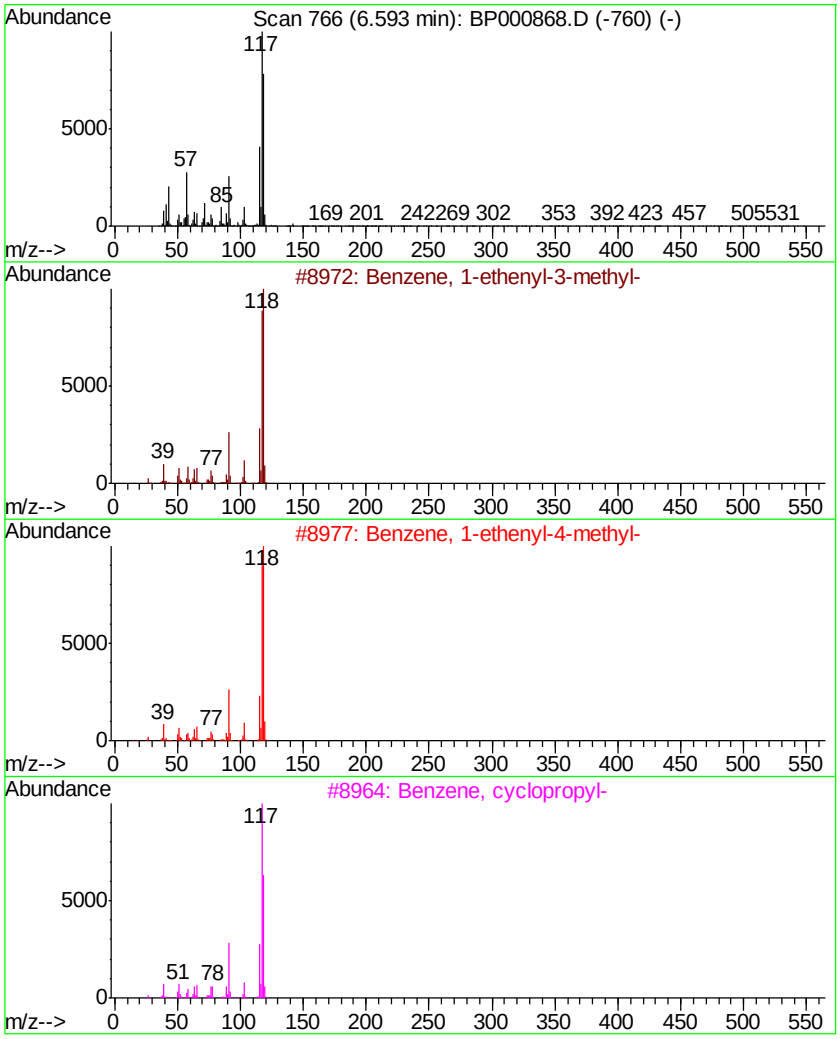
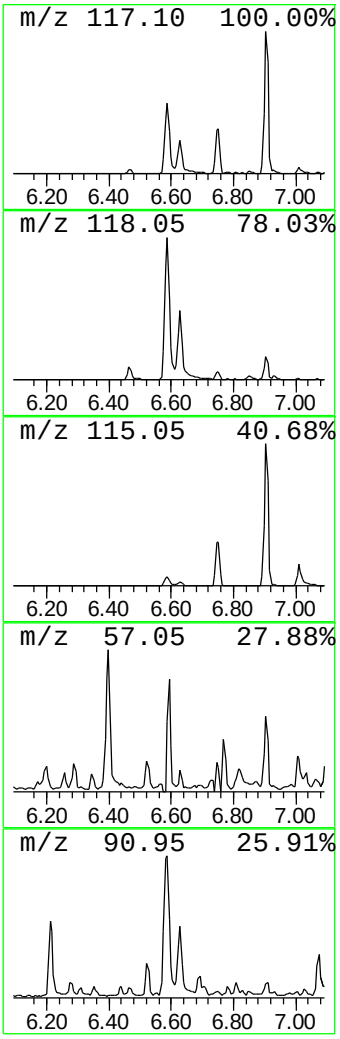
Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	6.82 ng	369098	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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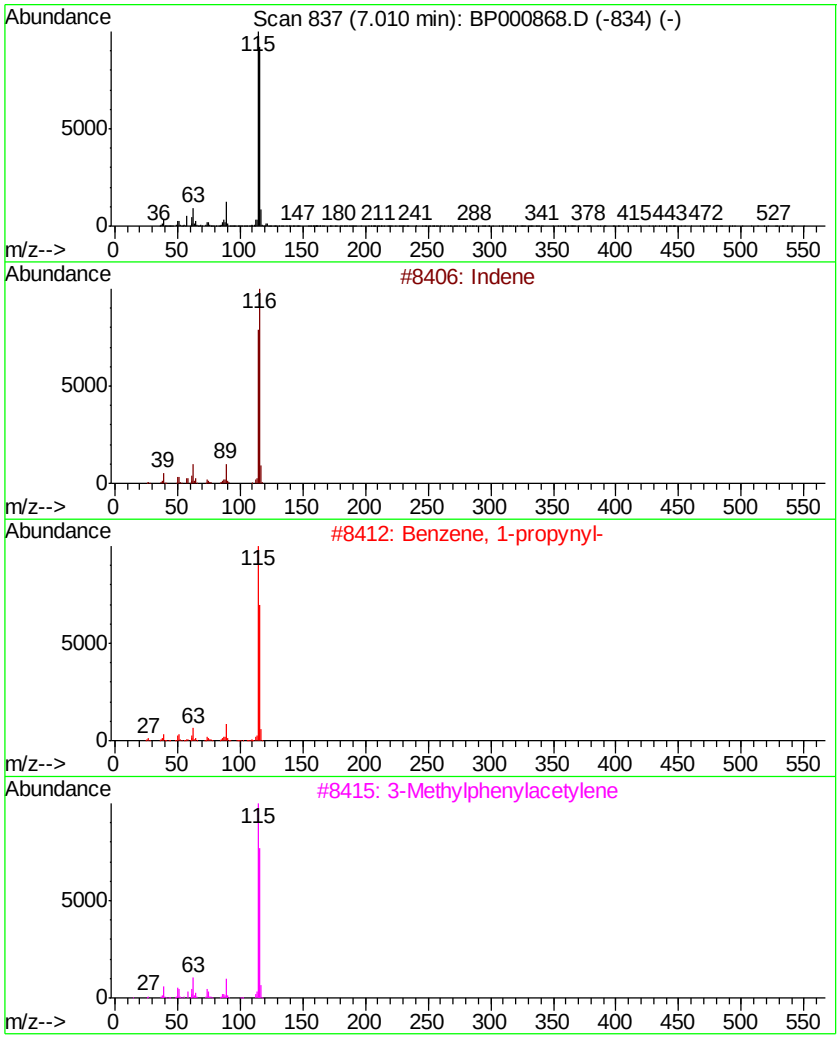
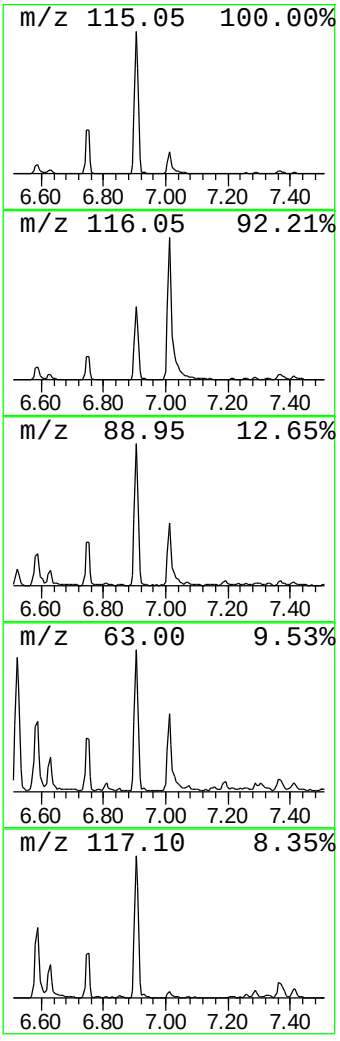
Peak Number 5 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	4.00 ng	216642	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000868.D
Acq On : 18 Oct 2019 05:05
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Sample : K5394-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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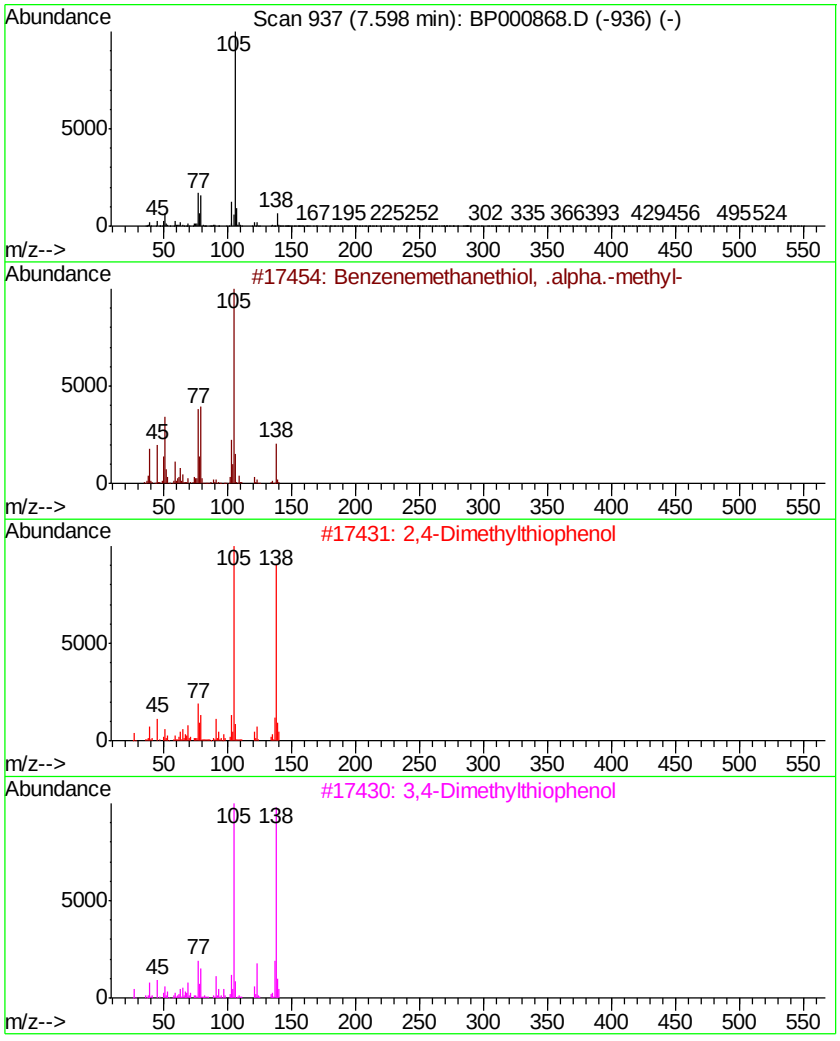
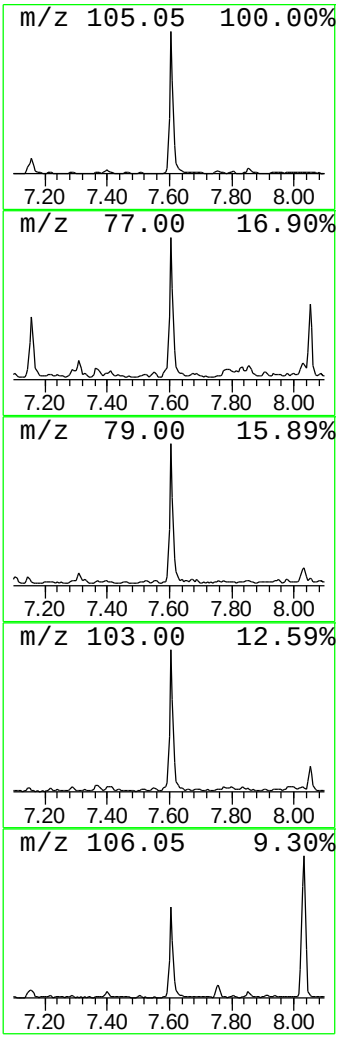
Peak Number 6 Benzenemethanethiol, .alpha... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.33 ng	228591	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	90
2	2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	78
3	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
4	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	64
5	3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	64





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Acq On : 18 Oct 2019 05:05
Operator : JU
Sample : K5394-01
Misc :
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Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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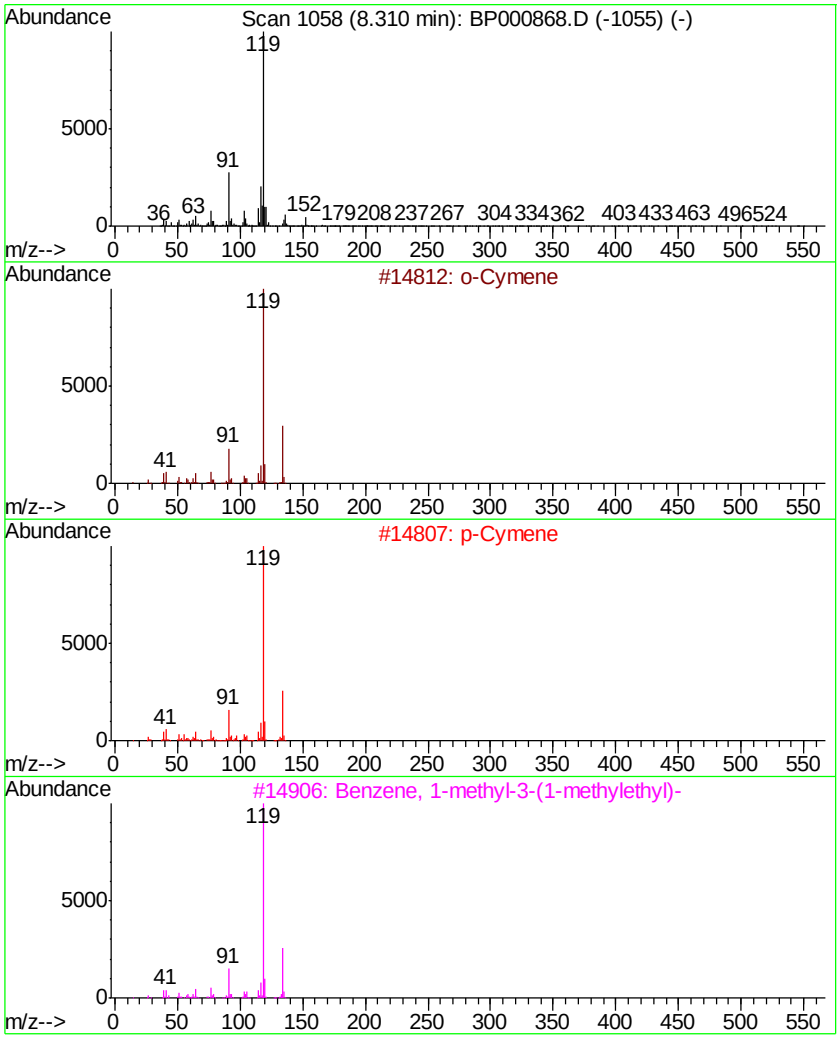
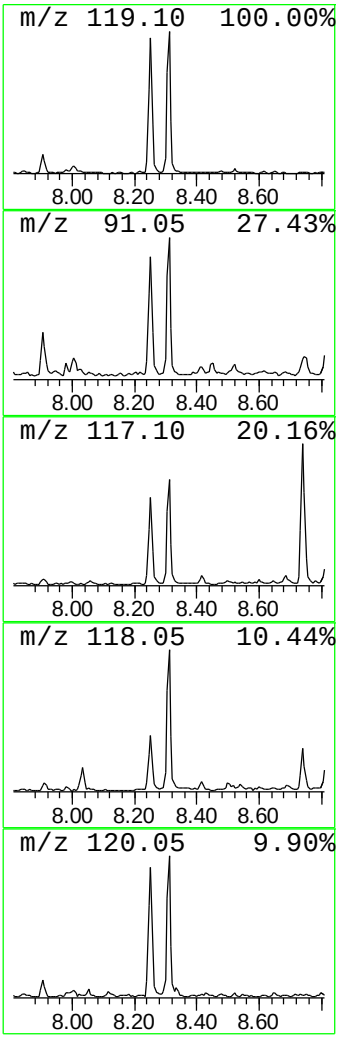
Peak Number 7 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	3.30 ng	226547	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	70
2	p-Cymene	134	C10H14	000099-87-6	64
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58
5	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	53





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ClientSampleId : T-17-F1-(0-30)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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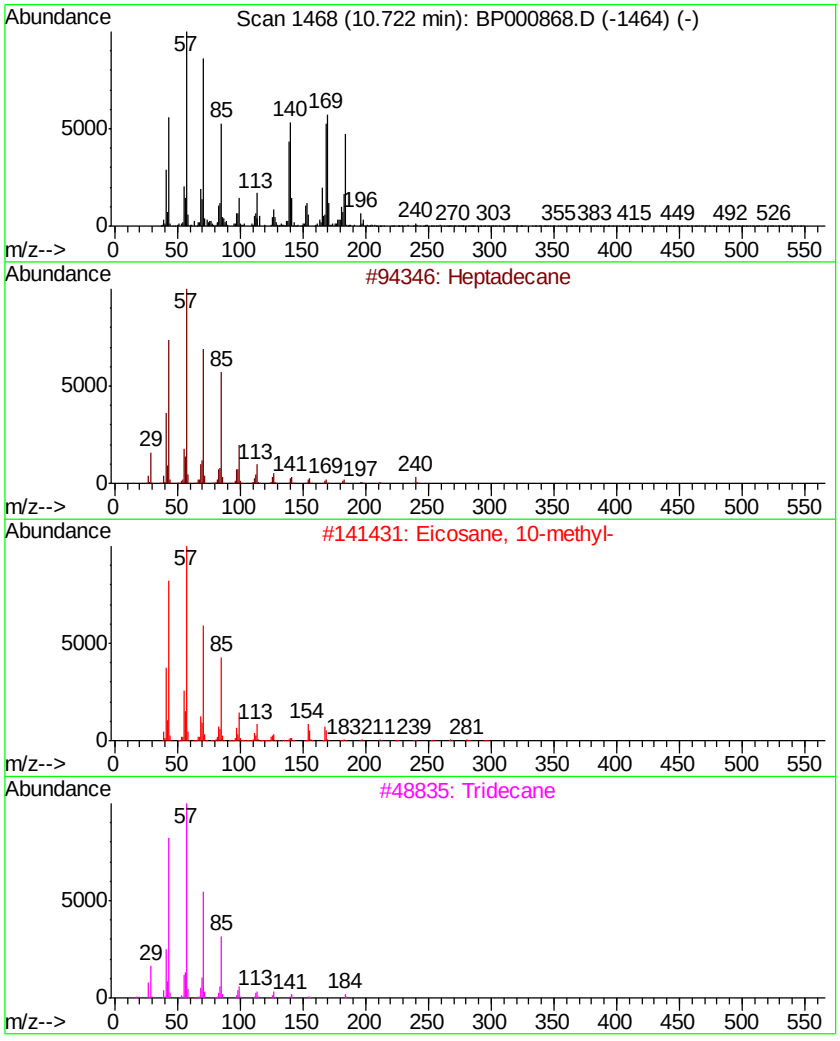
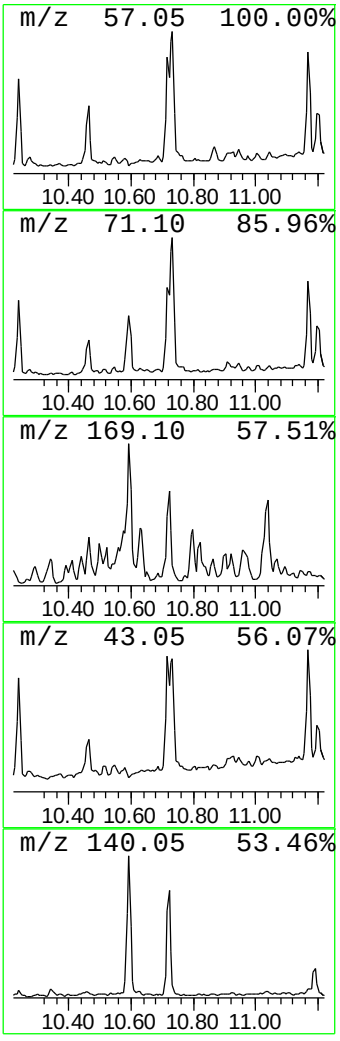
Peak Number 8 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	3.74 ng	292142	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
3	Tridecane	184	C13H28	000629-50-5	55
4	Dodecane	170	C12H26	000112-40-3	50
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	50





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ALS Vial : 25 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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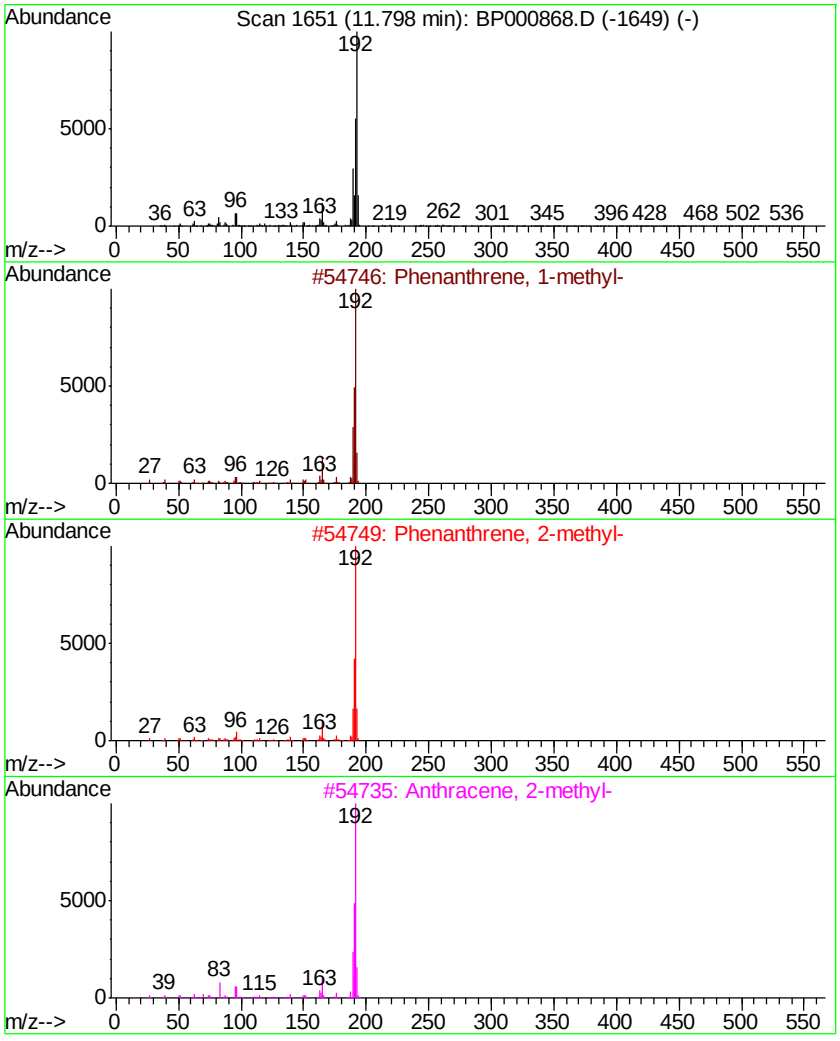
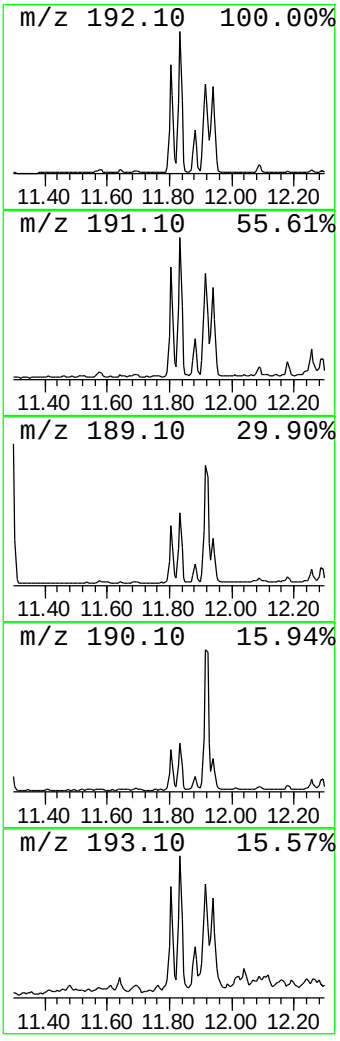
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	6.10 ng	476926	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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

Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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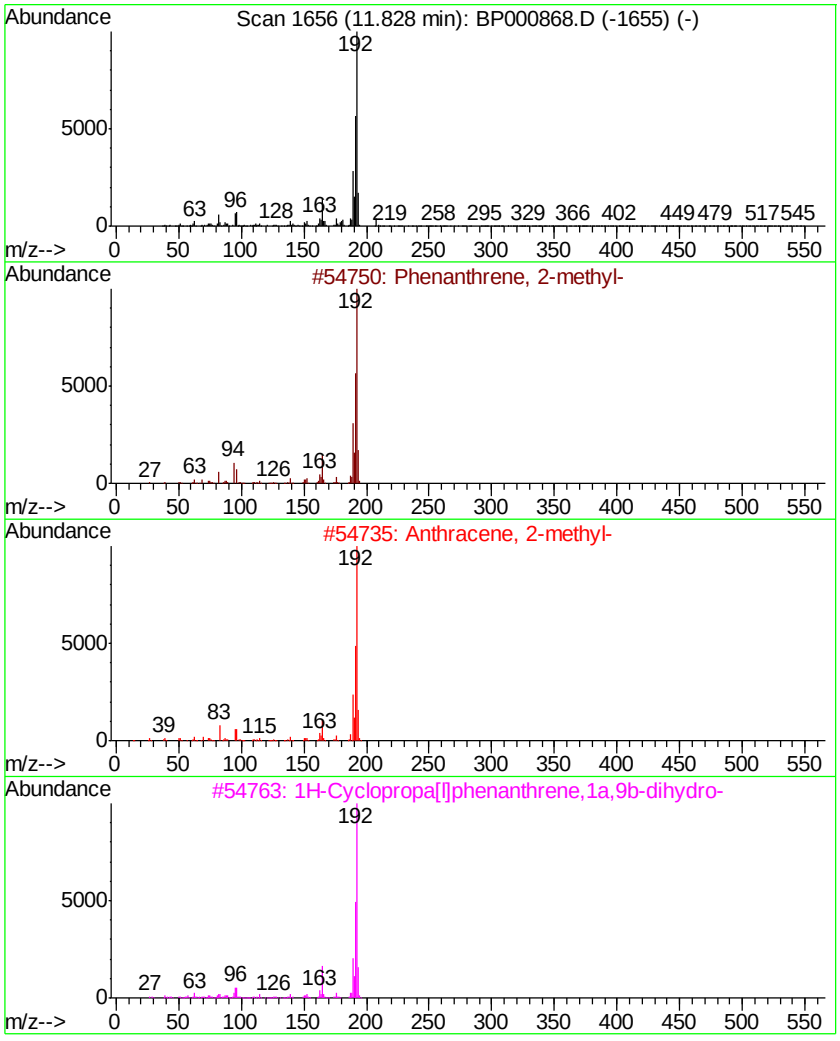
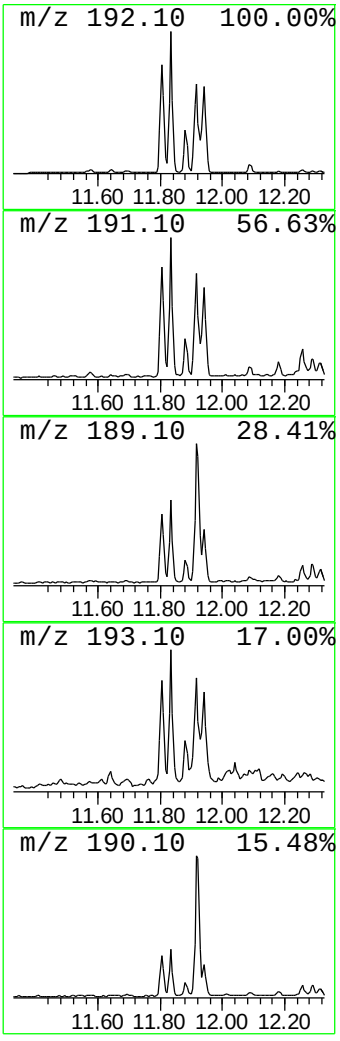
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	7.29 ng	569922	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Sample : K5394-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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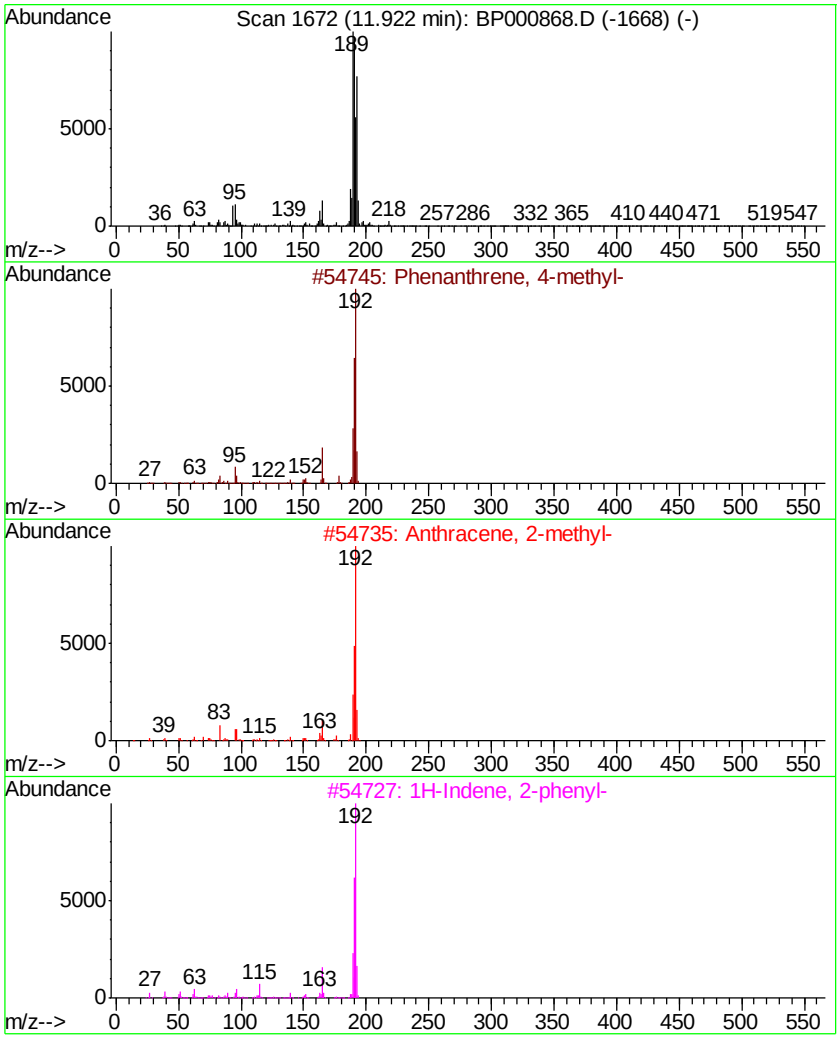
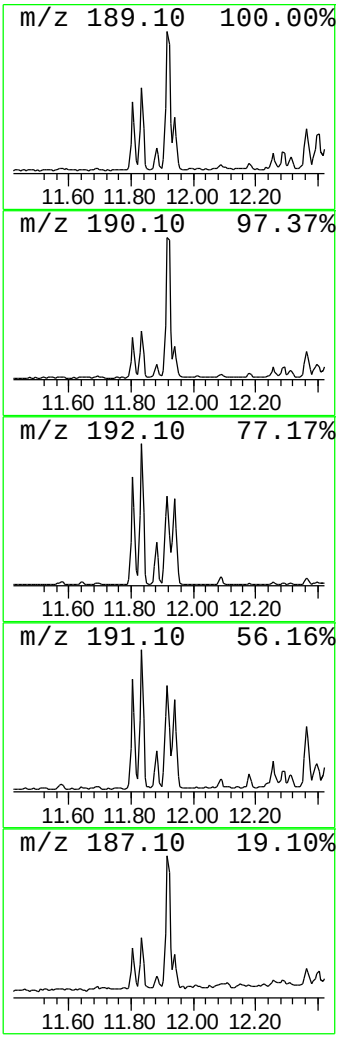
Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	8.95 ng	699416	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	55





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Sample : K5394-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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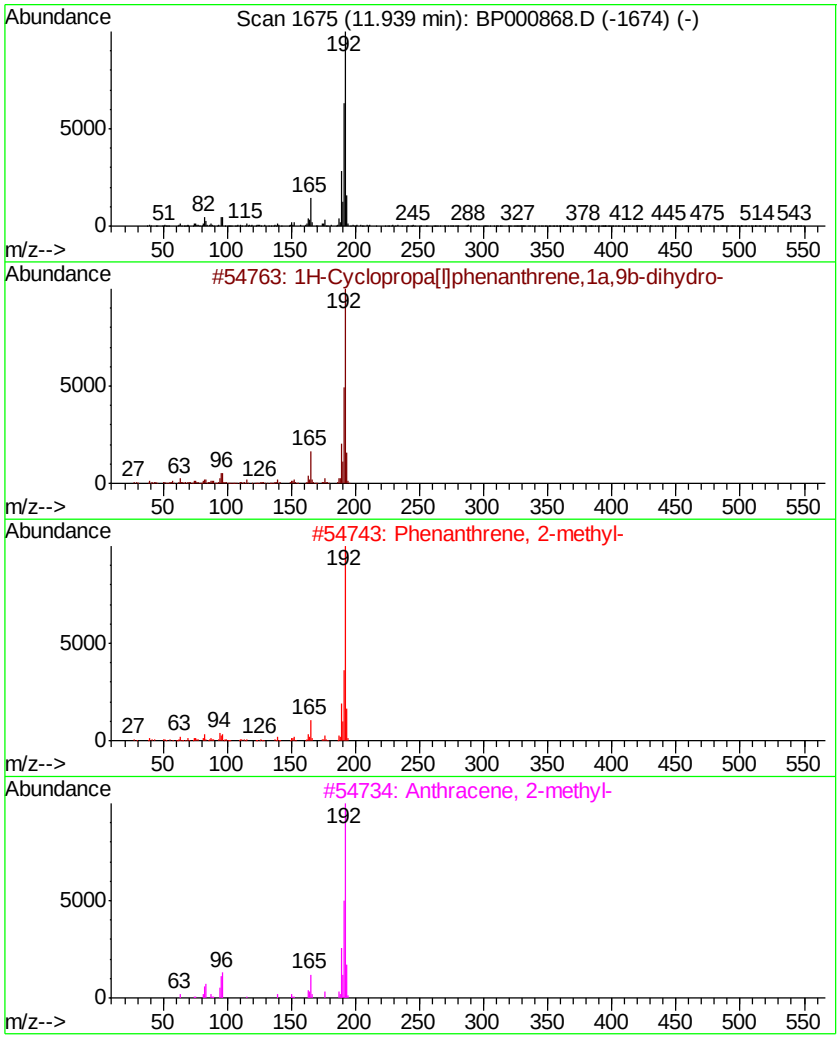
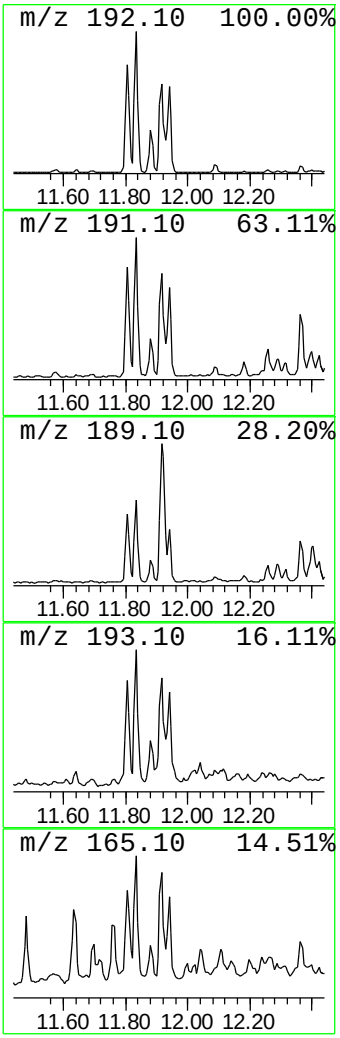
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.17 ng	247837	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Misc :
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Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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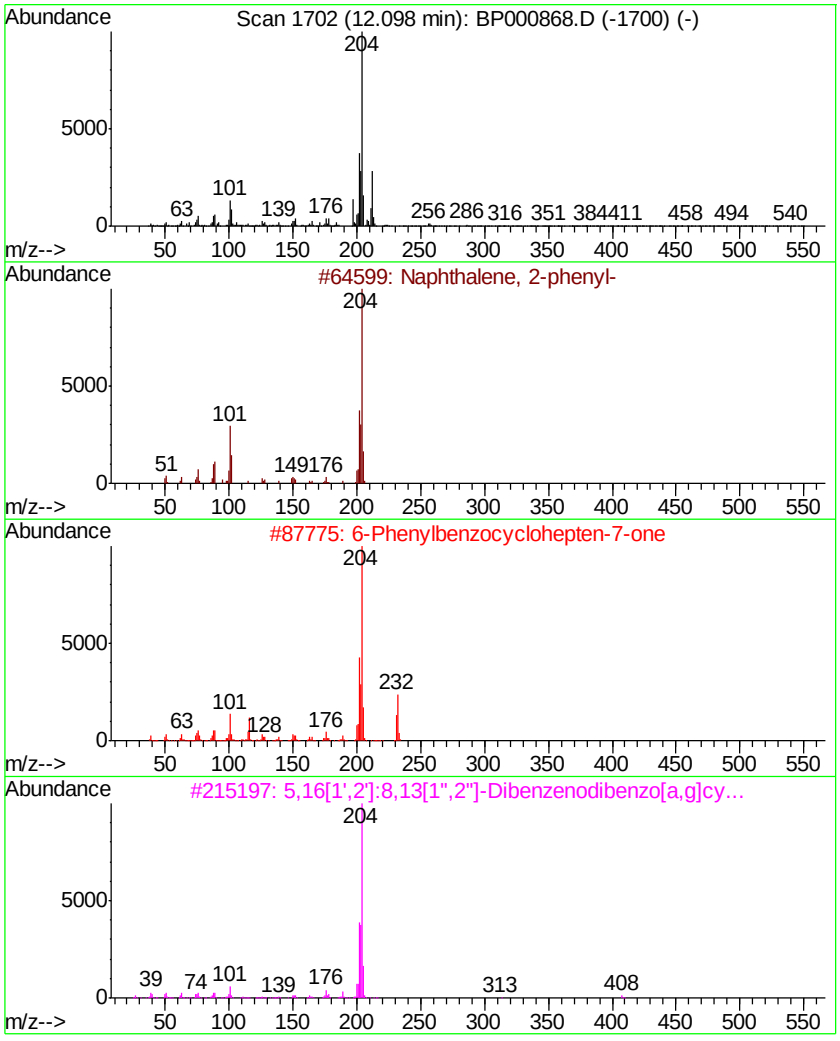
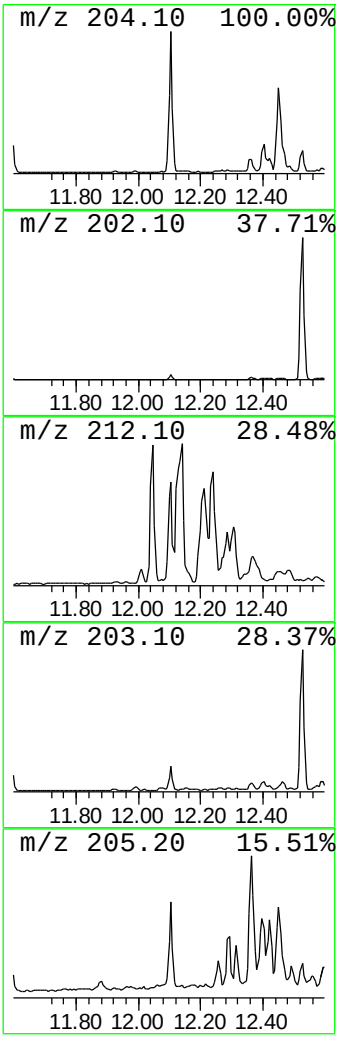
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	3.69 ng	288414	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





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Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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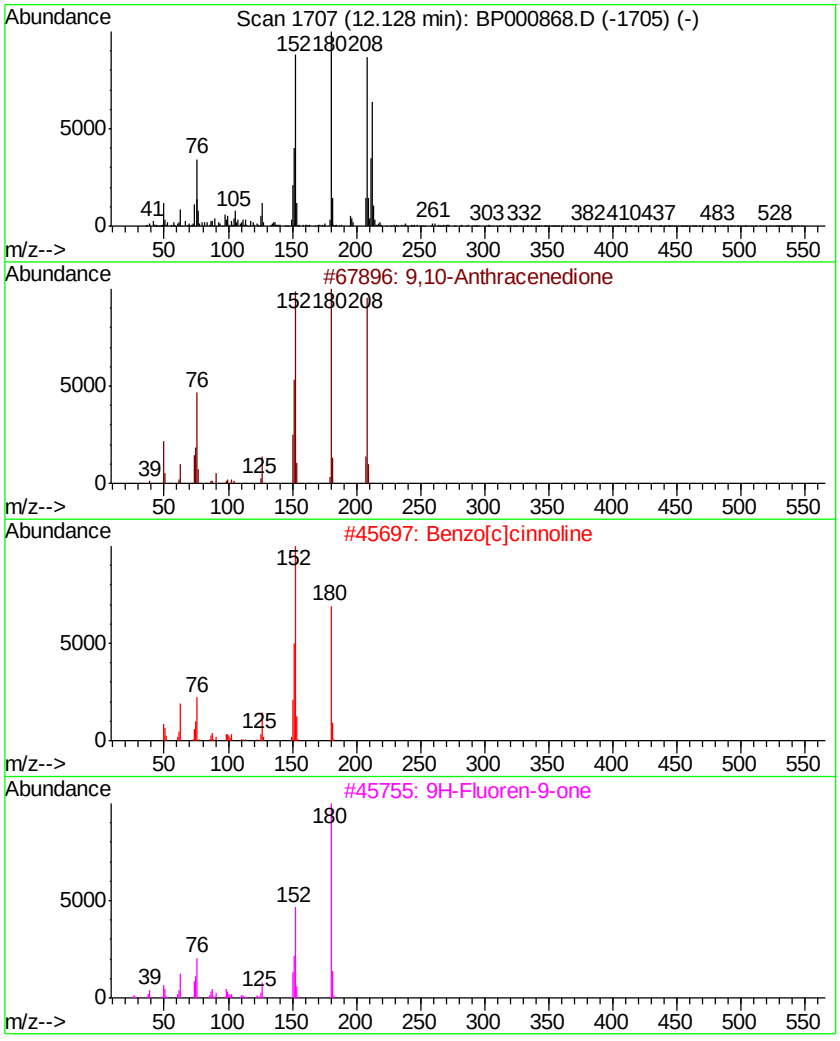
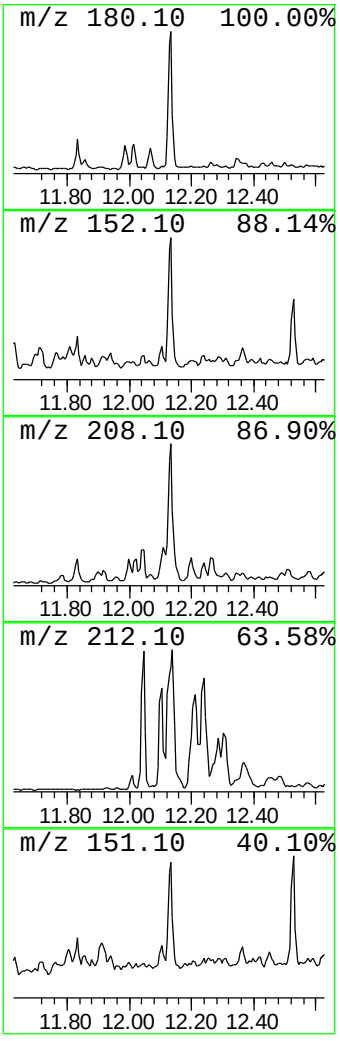
Peak Number 14 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.16 ng	247355	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
5	Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	49





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ClientSampleId : T-17-F1-(0-30)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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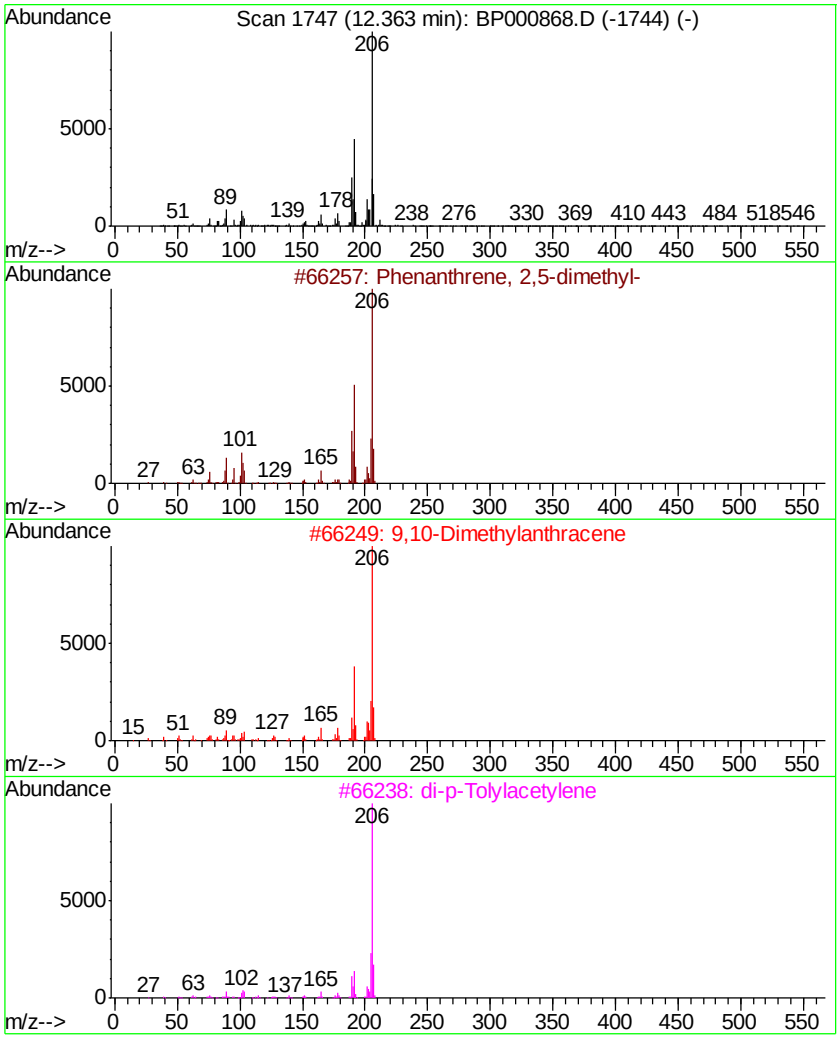
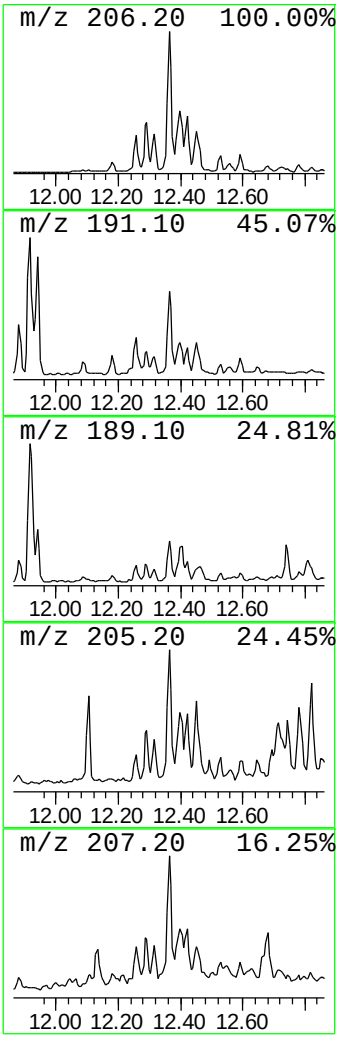
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	4.92 ng	384381	Phenanthrene-d10	11.30

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	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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ClientSampleId : T-17-F1-(0-30)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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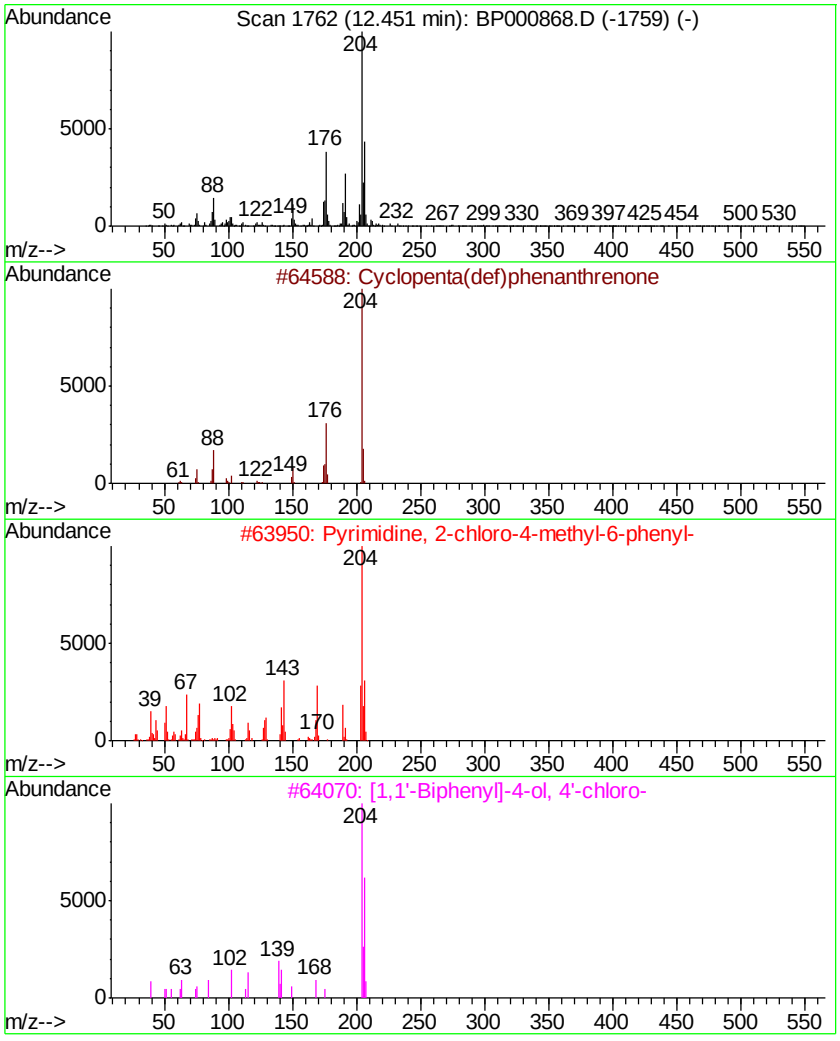
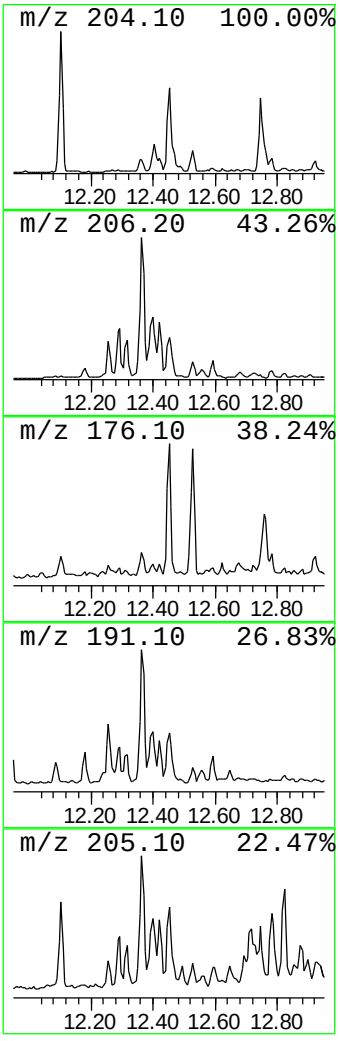
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	3.65 ng	285187	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





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Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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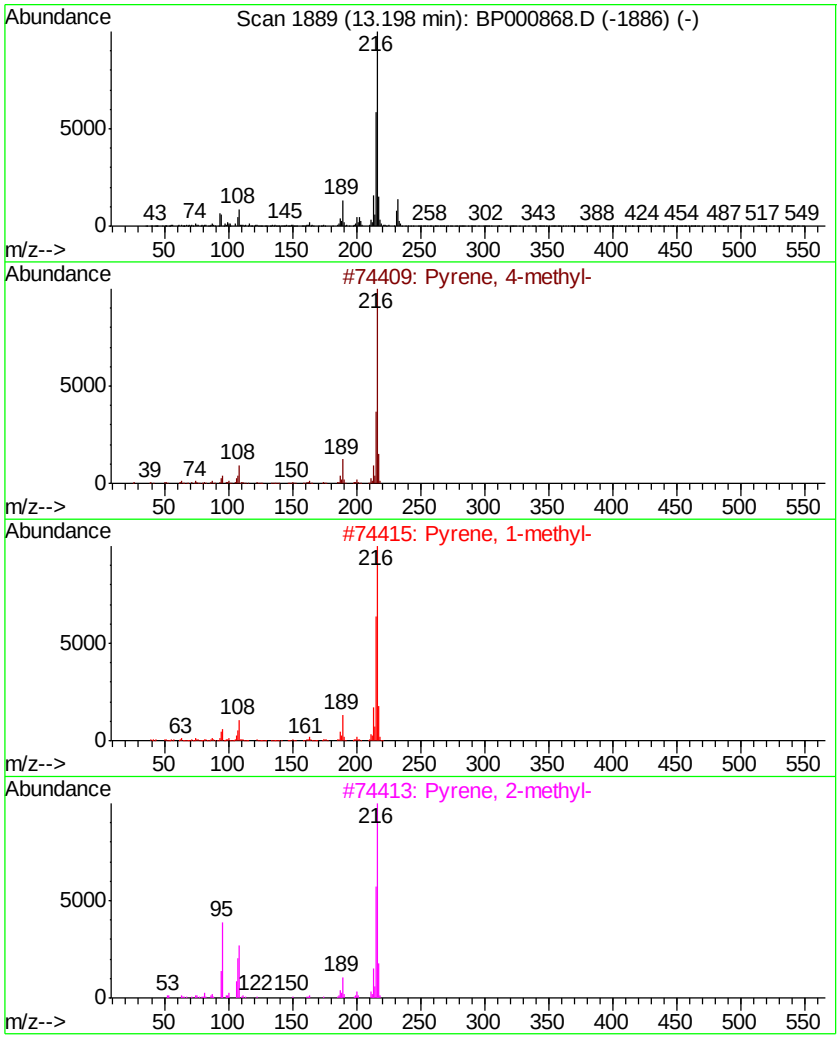
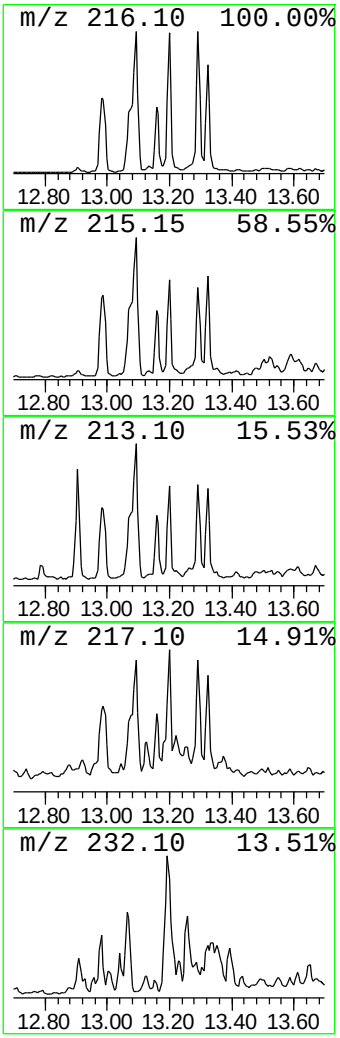
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	3.08 ng	465848	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Data File : BP000868.D
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Operator : JU
Sample : K5394-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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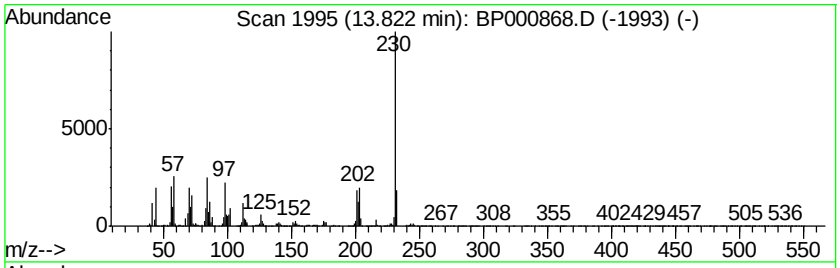
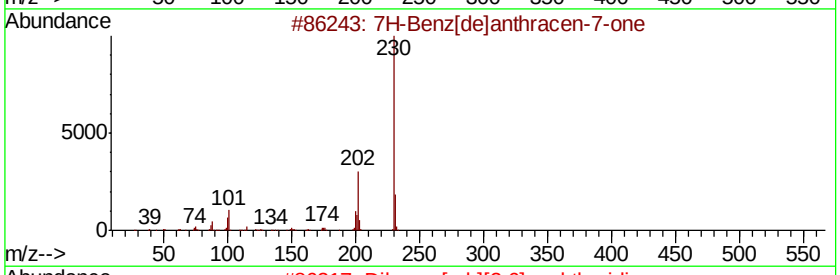
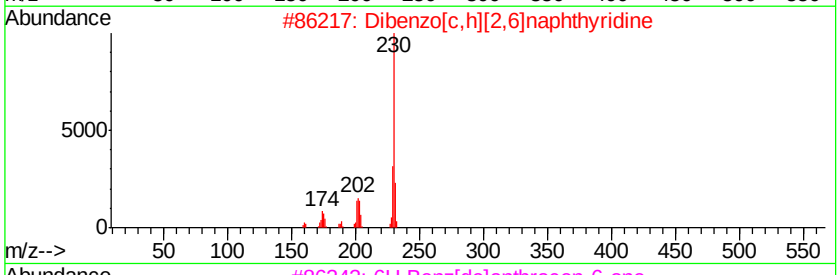
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 15

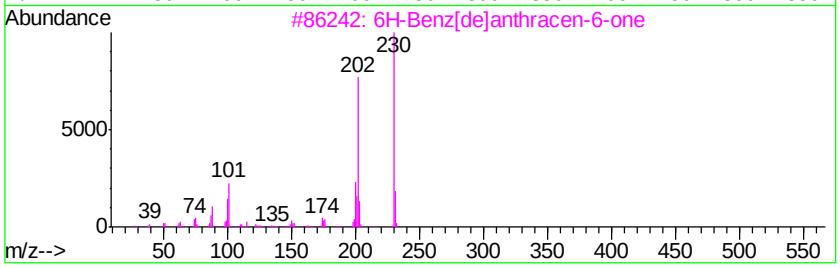
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.54 ng	535347	Chrysene-d12	13.97

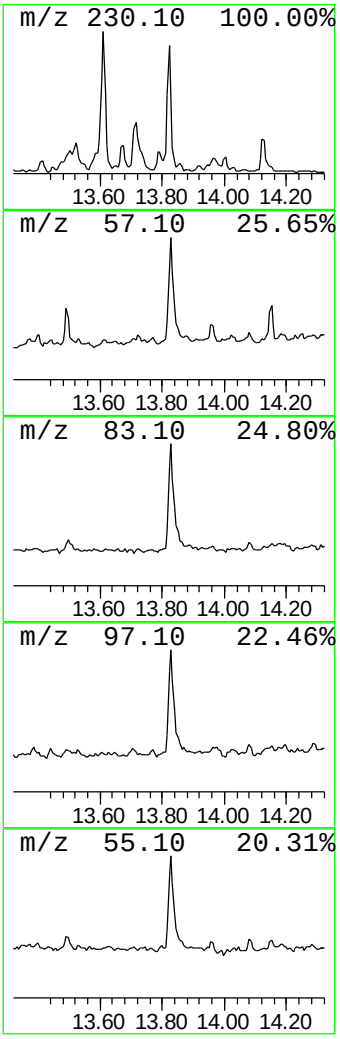
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
2	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	56
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	49
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	47
5	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	43











Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000868.D
Acq On : 18 Oct 2019 05:05
Operator : JU
Sample : K5394-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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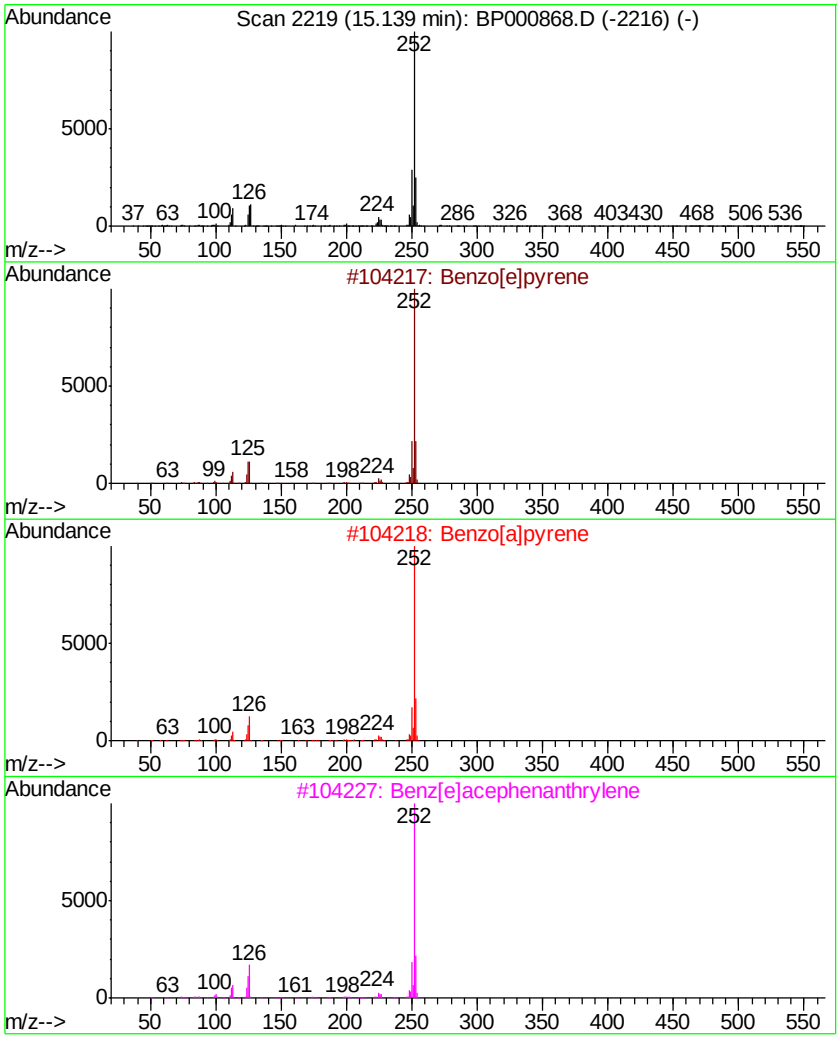
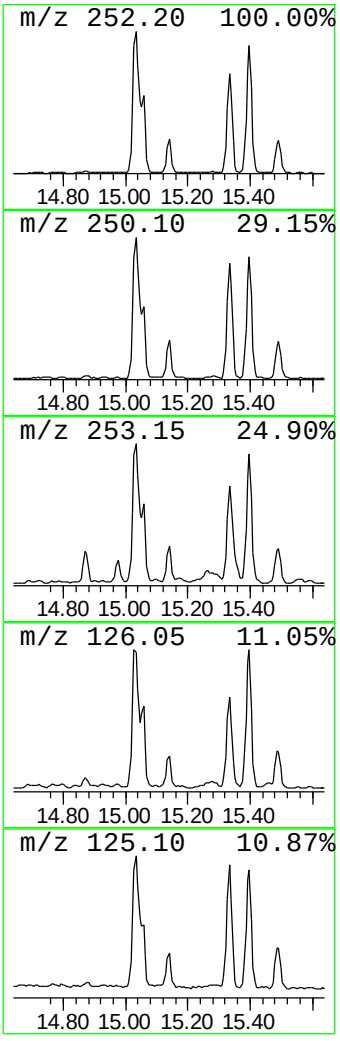
Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	3.79 ng	293248	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101819\
Data File : BP000868.D
Acq On : 18 Oct 2019 05:05
Operator : JU
Sample : K5394-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : T-17-F1-(0-30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Styrene	5.59	6.6	ng	356752	1	6.75	1082530	20.0
unknown6.52	6.52	62.6	ng	3386750	1	6.75	1082530	20.0
Benzene, 1-etheny...	6.59	6.8	ng	369098	1	6.75	1082530	20.0
Indene	7.01	4.0	ng	216642	1	6.75	1082530	20.0
Benzenemethanethi...	7.60	3.3	ng	228591	2	8.03	1371670	20.0
o-Cymene	8.31	3.3	ng	226547	2	8.03	1371670	20.0
Heptadecane	10.72	3.7	ng	292142	4	11.30	1563790	20.0
Phenanthrene, 1-m...	11.80	6.1	ng	476926	4	11.30	1563790	20.0
Phenanthrene, 2-m...	11.83	7.3	ng	569922	4	11.30	1563790	20.0
Phenanthrene, 4-m...	11.92	8.9	ng	699416	4	11.30	1563790	20.0
1H-Cyclopropa[l]p...	11.94	3.2	ng	247837	4	11.30	1563790	20.0
Naphthalene, 2-ph...	12.10	3.7	ng	288414	4	11.30	1563790	20.0
9,10-Anthracenedione	12.13	3.2	ng	247355	4	11.30	1563790	20.0
Phenanthrene, 2,5...	12.36	4.9	ng	384381	4	11.30	1563790	20.0
Cyclopenta(def)ph...	12.45	3.6	ng	285187	4	11.30	1563790	20.0
Pyrene, 4-methyl-	13.20	3.1	ng	465848	5	13.97	3020560	20.0
7H-Benz[de]anthra...	13.82	3.5	ng	535347	5	13.97	3020560	20.0
Benzo[e]pyrene	15.14	3.8	ng	293248	6	15.46	1547730	20.0