LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107313.D
Acq On : 11 Jul 2018 21:06
Operator : JU/SJ
Sample : J3914-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEMH

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_F\METHODS\8270-BF061918.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	5.166	477	481	496	rBV	154675	200665	14.30%	0.848%
2	5.578	547	551	567	rBV	1245564	1257313	89.58%	5.314%
3	6.584	718	722	733	rBV	1143236	1297974	92.47%	5.486%
4	6.713	740	744	747	rBV	1362359	1246002	88.77%	5.266%
5	6.760	747	752	757	rVB2	21169	38236	2.72%	0.162%
6	6.931	777	781	785	rBV	432049	362203	25.81%	1.531%
7	7.090	804	808	811	rBV	1129385	1002782	71.44%	4.238%
8	7.189	820	825	827	rBV3	15222	19103	1.36%	0.081%
9	7.448	864	869	873	rVB5	11411	19312	1.38%	0.082%
10	7.501	873	878	881	rBV	842429	801098	57.07%	3.386%
11	7.613	892	897	900	rVB3	10125	14204	1.01%	0.060%
12	8.219	996	1000	1002	rBV	470095	412981	29.42%	1.745%
13	8.236	1002	1003	1009	rVB2	50767	50752	3.62%	0.215%
14	8.936	1118	1122	1128	rBV	17786	17501	1.25%	0.074%
15	9.031	1134	1138	1143	rBV	16118	15599	1.11%	0.066%
16	9.295	1178	1183	1186	rBV	1408015	1284535	91.52%	5.429%
17	9.395	1197	1200	1204	rVB2	19632	16067	1.14%	0.068%
18	9.689	1243	1250	1255	rVB	277077	254419	18.13%	1.075%
19	9.842	1273	1276	1280	rBV	77539	70232	5.00%	0.297%
20	9.983	1296	1300	1303	rBV	479508	414834	29.55%	1.753%
21	10.013	1303	1305	1310	rVB	32229	27225	1.94%	0.115%
22	10.189	1330	1335	1338	rBV	57076	51583	3.68%	0.218%
23	10.389	1364	1369	1370	rBV2	19738	16960	1.21%	0.072%
24	10.407	1370	1372	1376	rVB	23477	17693	1.26%	0.075%
25	10.536	1390	1394	1399	rVB	82481	79379	5.66%	0.336%
26	10.689	1417	1420	1424	rVB	34505	25681	1.83%	0.109%
27	10.783	1429	1436	1441	rBV	909295	841192	59.93%	3.555%
28	10.872	1447	1451	1454	rVB2	18819	21471	1.53%	0.091%
29	11.083	1480	1487	1489	rBV2	30281	36993	2.64%	0.156%
30	11.166	1499	1501	1504	rVB	41710	32956	2.35%	0.139%
31	11.207	1504	1508	1510	rBV3	33984	31741	2.26%	0.134%
32	11.236	1510	1513	1519	rVV2	202391	174119	12.41%	0.736%
33	11.289	1519	1522	1524	rVV	68844	56394	4.02%	0.238%
34	11.319	1524	1527	1534	rVV3	23749	40096	2.86%	0.169%

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Misc :
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Instrument : BNA_F
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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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.377	1534	1537	1541	rVB	53346	44888	3.20%	0.190%
36	11.483	1551	1555	1557	rBV	511797	494892	35.26%	2.092%
37	11.507	1557	1559	1562	rVV	997901	787175	56.08%	3.327%
38	11.560	1562	1568	1571	rVV	173612	171069	12.19%	0.723%
39	11.595	1571	1574	1577	rVB	36772	32374	2.31%	0.137%
40	11.719	1589	1595	1598	rBV2	118418	124784	8.89%	0.527%
41	11.766	1601	1603	1605	rVV	20682	16800	1.20%	0.071%
42	11.819	1609	1612	1616	rVB4	31015	30614	2.18%	0.129%
43	11.942	1631	1633	1636	rBV3	12840	14426	1.03%	0.061%
44	11.983	1636	1640	1642	rVV	139345	132124	9.41%	0.558%
45	12.013	1642	1645	1648	rVB	192014	158266	11.28%	0.669%
46	12.060	1648	1653	1656	rBV	51422	50952	3.63%	0.215%
47	12.101	1656	1660	1662	rBV2	175232	208779	14.87%	0.882%
48	12.119	1662	1663	1666	rVB	92264	56027	3.99%	0.237%
49	12.166	1666	1671	1673	rBV4	20130	31193	2.22%	0.132%
50	12.195	1673	1676	1677	rBV2	19614	15780	1.12%	0.067%
51	12.213	1677	1679	1683	rVV4	40334	43601	3.11%	0.184%
52	12.277	1687	1690	1694	rVB	104954	88806	6.33%	0.375%
53	12.319	1694	1697	1700	rBV	172458	147565	10.51%	0.624%
54	12.413	1710	1713	1719	rBV2	116452	120265	8.57%	0.508%
55	12.460	1719	1721	1723	rVB	30802	23312	1.66%	0.099%
56	12.483	1723	1725	1729	rBV2	36210	36215	2.58%	0.153%
57	12.536	1730	1734	1737	rBV	102831	100890	7.19%	0.426%
58	12.636	1746	1751	1754	rBV2	97044	116198	8.28%	0.491%
59	12.707	1758	1763	1766	rBV	1322576	1301044	92.69%	5.499%
60	12.766	1770	1773	1776	rVV2	42794	45825	3.26%	0.194%
61	12.801	1776	1779	1782	rVV	66298	60325	4.30%	0.255%
62	12.854	1783	1788	1791	rVV3	68150	121981	8.69%	0.516%
63	12.913	1795	1798	1800	rVV	239557	253691	18.07%	1.072%
64	12.942	1800	1803	1806	rVV	1144083	1052928	75.02%	4.450%
65	12.983	1806	1810	1814	rVB2	78211	89424	6.37%	0.378%
66	13.066	1819	1824	1827	rBV	1380723	1403603	100.00%	5.932%
67	13.101	1827	1830	1834	rVB	88920	91322	6.51%	0.386%
68	13.154	1834	1839	1843	rBV2	104539	201247	14.34%	0.851%
69	13.201	1845	1847	1850	rVB	78622	76713	5.47%	0.324%
70	13.266	1850	1858	1862	rBV4	221457	330800	23.57%	1.398%
71	13.307	1862	1865	1866	rBV2	25608	27262	1.94%	0.115%

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.330	1866	1869	1871	rBV	95776	97471	6.94%	0.412%
73	13.348	1871	1872	1874	rVV2	94012	89702	6.39%	0.379%
74	13.371	1874	1876	1879	rVB	114703	92495	6.59%	0.391%
75	13.466	1889	1892	1894	rBV2	71169	64259	4.58%	0.272%
76	13.495	1894	1897	1900	rVB2	65331	63575	4.53%	0.269%
77	13.560	1906	1908	1913	rVB3	44182	49049	3.49%	0.207%
78	13.613	1914	1917	1919	rBV	79680	67423	4.80%	0.285%
79	13.636	1919	1921	1923	rBV2	27368	24030	1.71%	0.102%
80	13.783	1943	1946	1948	rBV	124104	110313	7.86%	0.466%
81	13.889	1961	1964	1966	rBV	103144	83357	5.94%	0.352%
82	13.913	1966	1968	1970	rVV	126428	97202	6.93%	0.411%
83	13.942	1970	1973	1979	rVV3	254290	302515	21.55%	1.279%
84	13.995	1979	1982	1984	rVB	130353	116858	8.33%	0.494%
85	14.136	2002	2006	2010	rBV2	630166	995609	70.93%	4.208%
86	14.171	2010	2012	2015	rVB	577125	435547	31.03%	1.841%
87	14.254	2023	2026	2030	rBV2	97071	132640	9.45%	0.561%
88	14.295	2031	2033	2035	rBV	67544	59537	4.24%	0.252%
89	14.530	2071	2073	2076	rVB	91332	69055	4.92%	0.292%
90	14.565	2076	2079	2083	rBV2	109311	116539	8.30%	0.493%
91	15.230	2187	2192	2195	rBV	388861	674293	48.04%	2.850%
92	15.336	2208	2210	2214	rVB	68159	76747	5.47%	0.324%
93	15.548	2243	2246	2253	rVB	197550	263359	18.76%	1.113%
94	15.618	2254	2258	2265	rVB	308330	424327	30.23%	1.793%
95	15.683	2265	2269	2272	rBV	189595	240582	17.14%	1.017%
96	17.277	2535	2540	2548	rVB	157377	311930	22.22%	1.318%
97	17.771	2619	2624	2634	rVB	112886	248930	17.74%	1.052%

Sum of corrected areas: 23659799

LSC Report - Integrated Chromatogram

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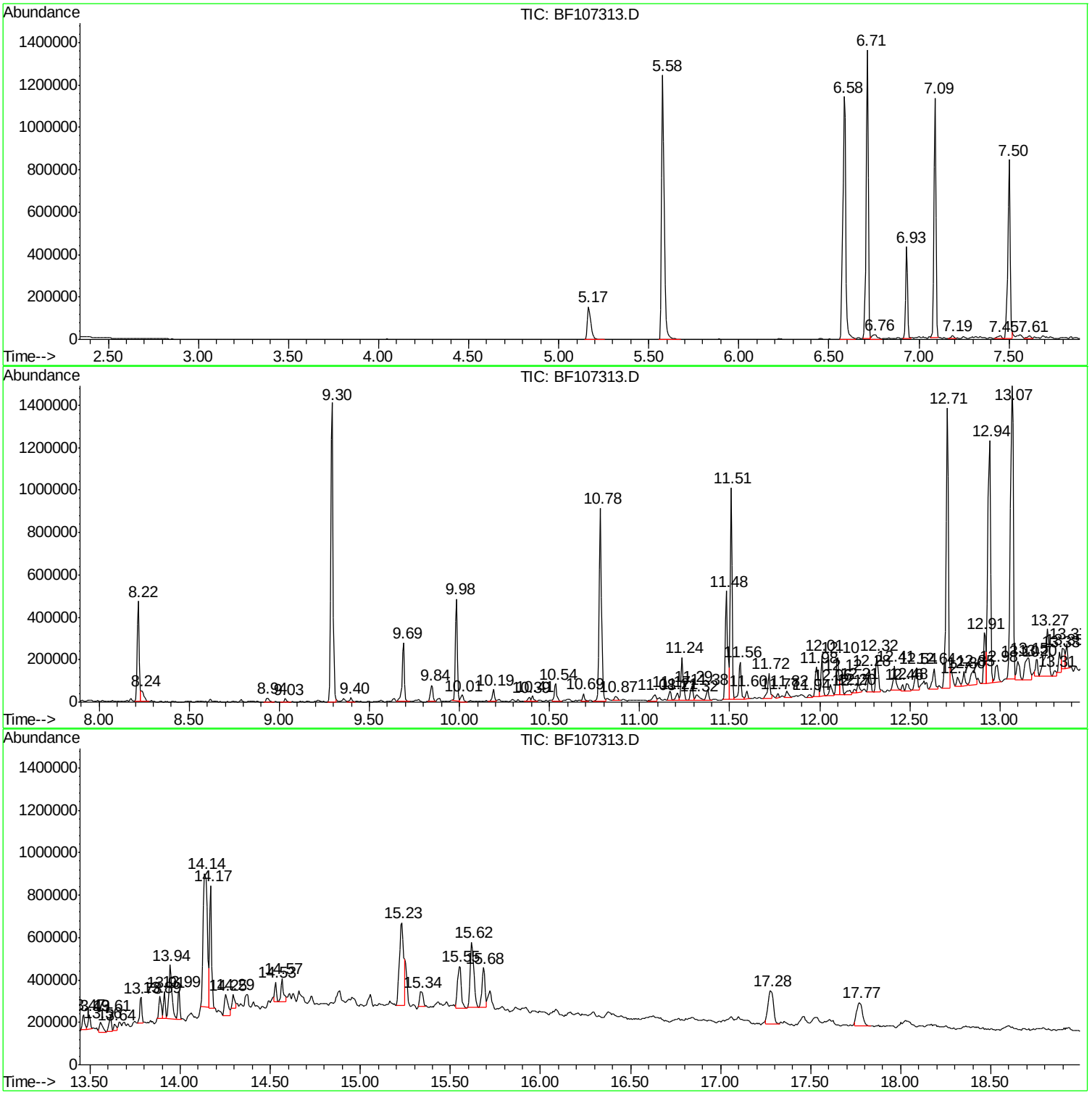
Sample : J3914-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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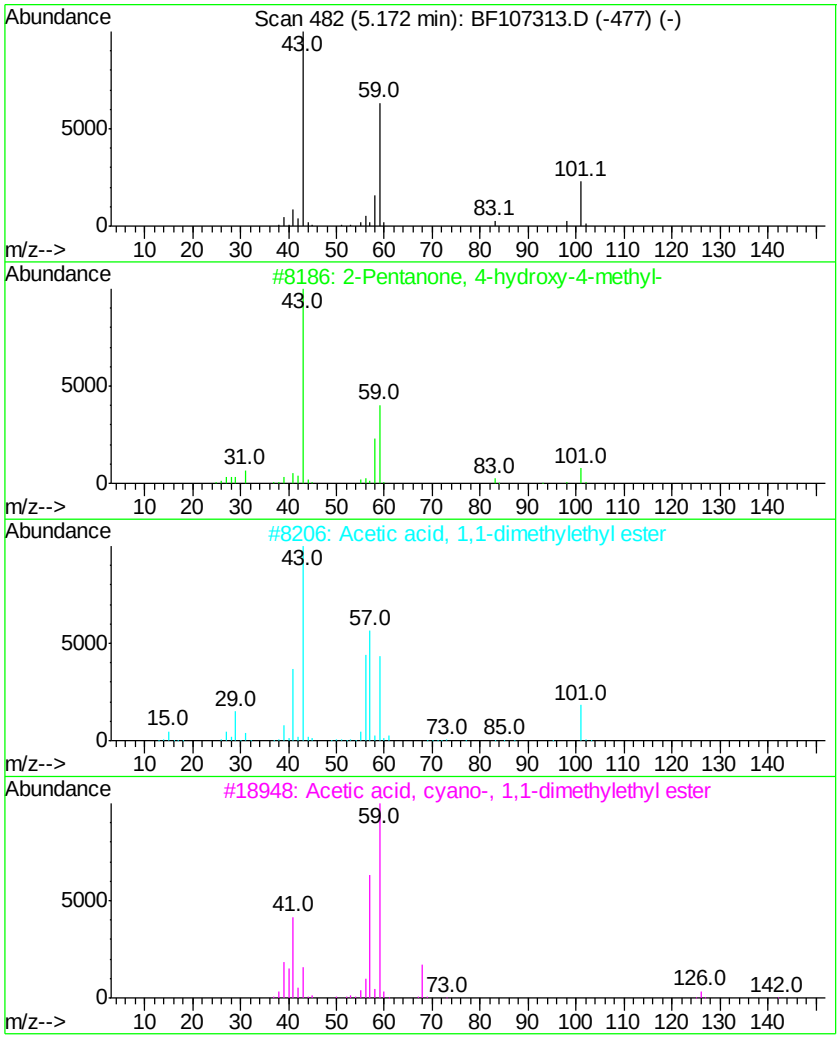
TIC Integration Parameters: LSCINT.P

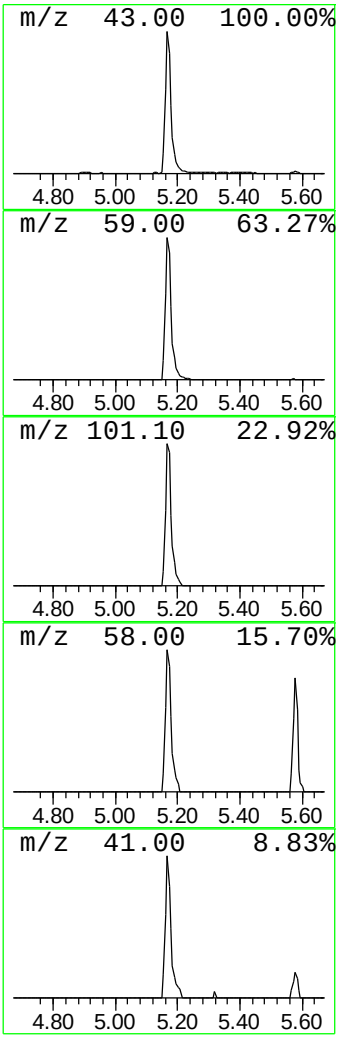
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	11.08 ng	200665	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
Data File : BF107313.D
Acq On : 11 Jul 2018 21:06
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Misc :
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Instrument : BNA_F
ClientSampleId : SEMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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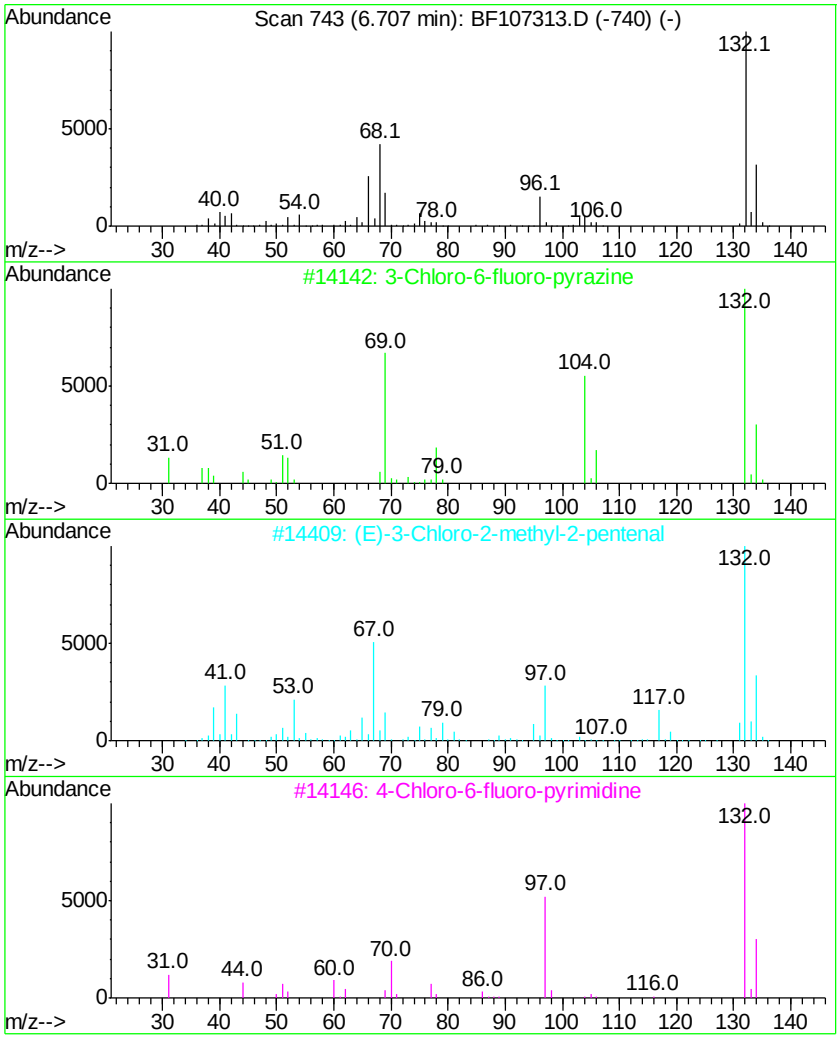
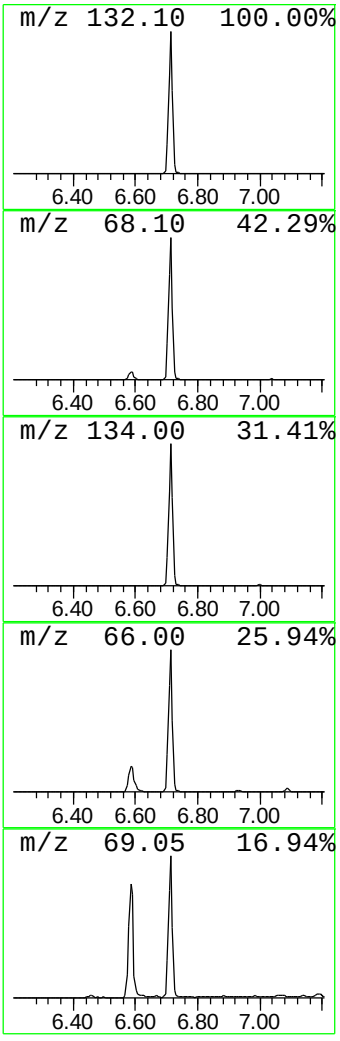
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	68.80 ng	1246000	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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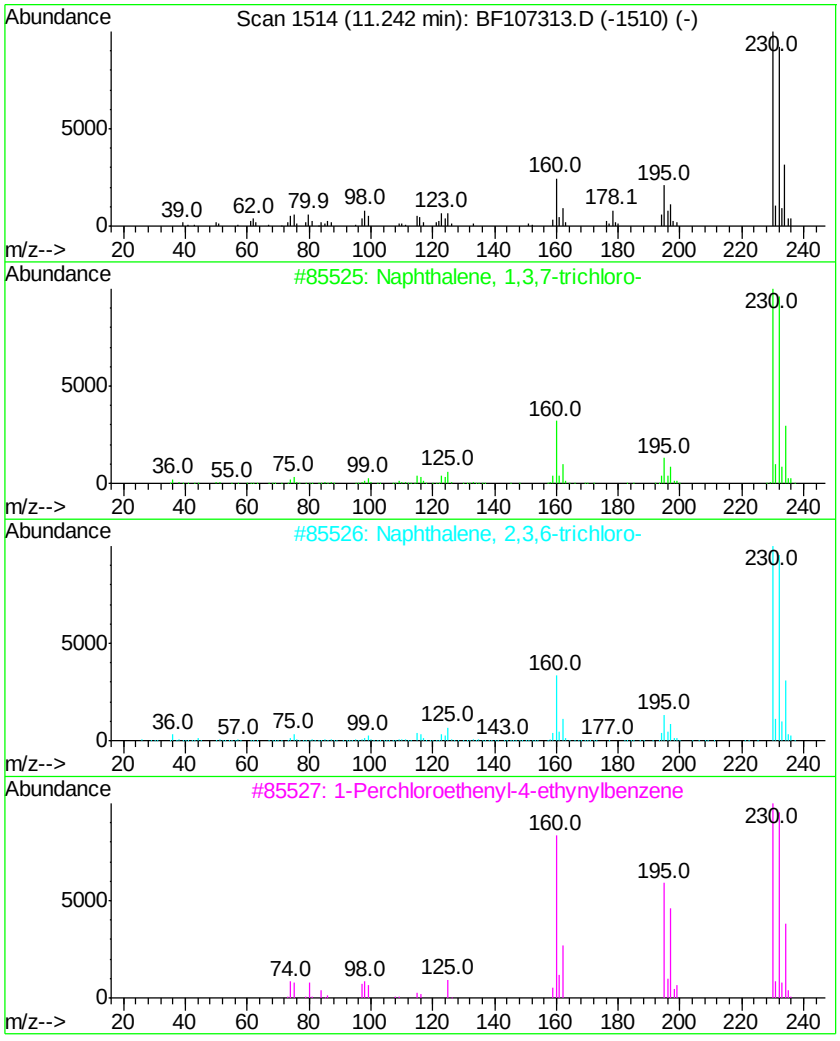
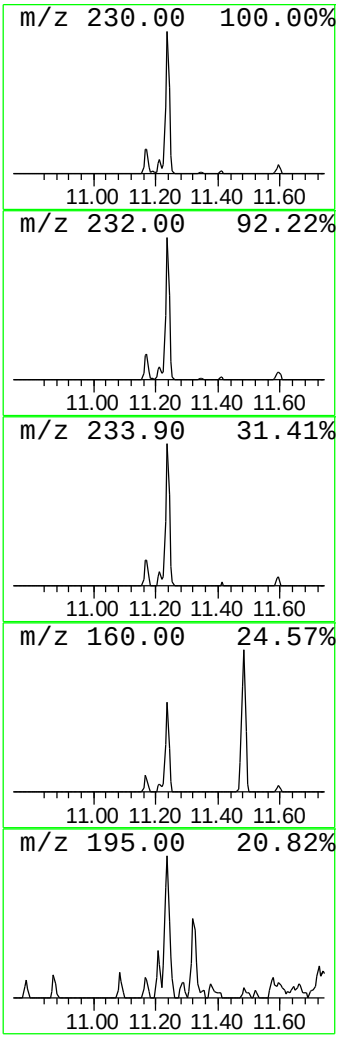
Peak Number 4 Naphthalene, 1,3,7-trichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	7.04 ng	174119	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	99
2	Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	99
3	1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	90
4	Acenaphthylene, 1-bromo-	230	C12H7Br	054736-49-1	70
5	4-Bromo-2-methyl-6-nitroaniline	230	C7H7BrN2O2	077811-44-0	53





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Instrument : BNA_F
ClientSampleId : SEMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

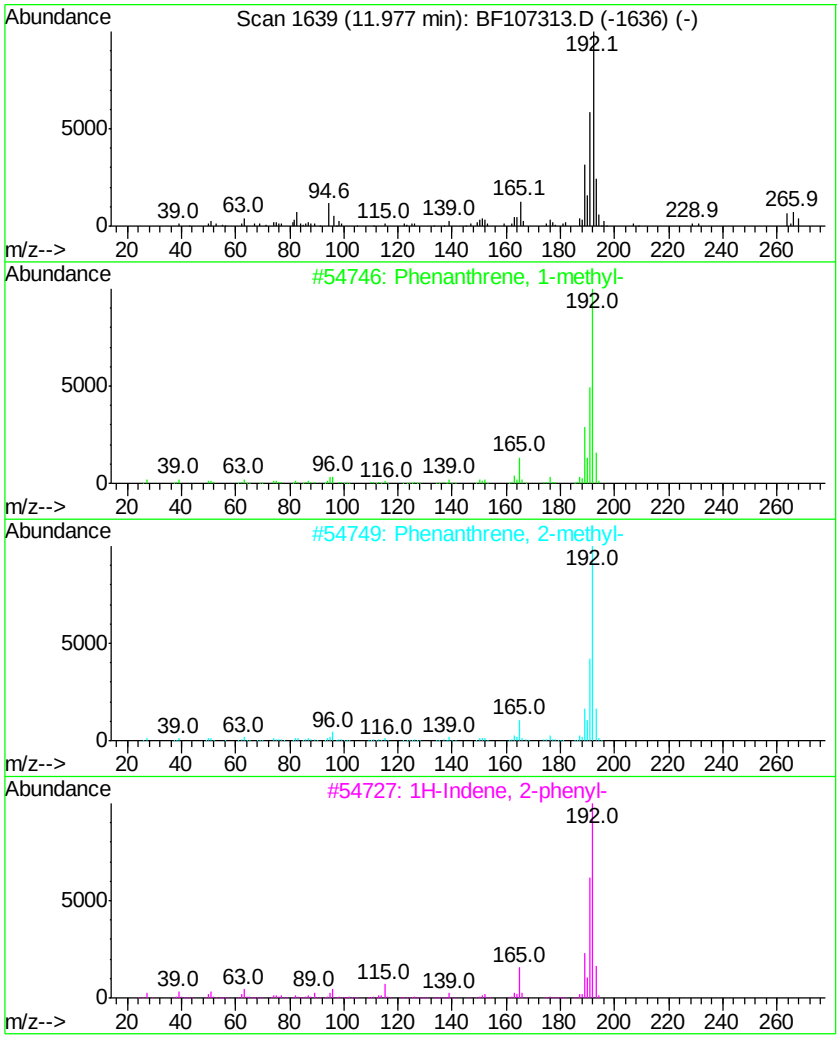
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

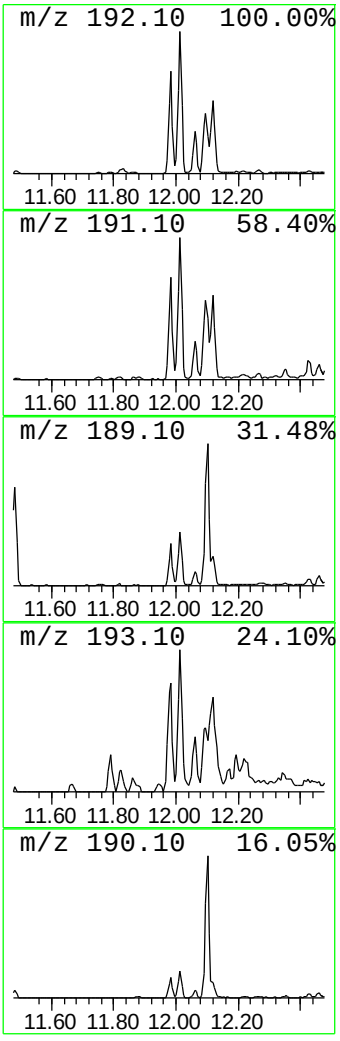
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	5.34 ng	132124	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Operator : JU/SJ
Sample : J3914-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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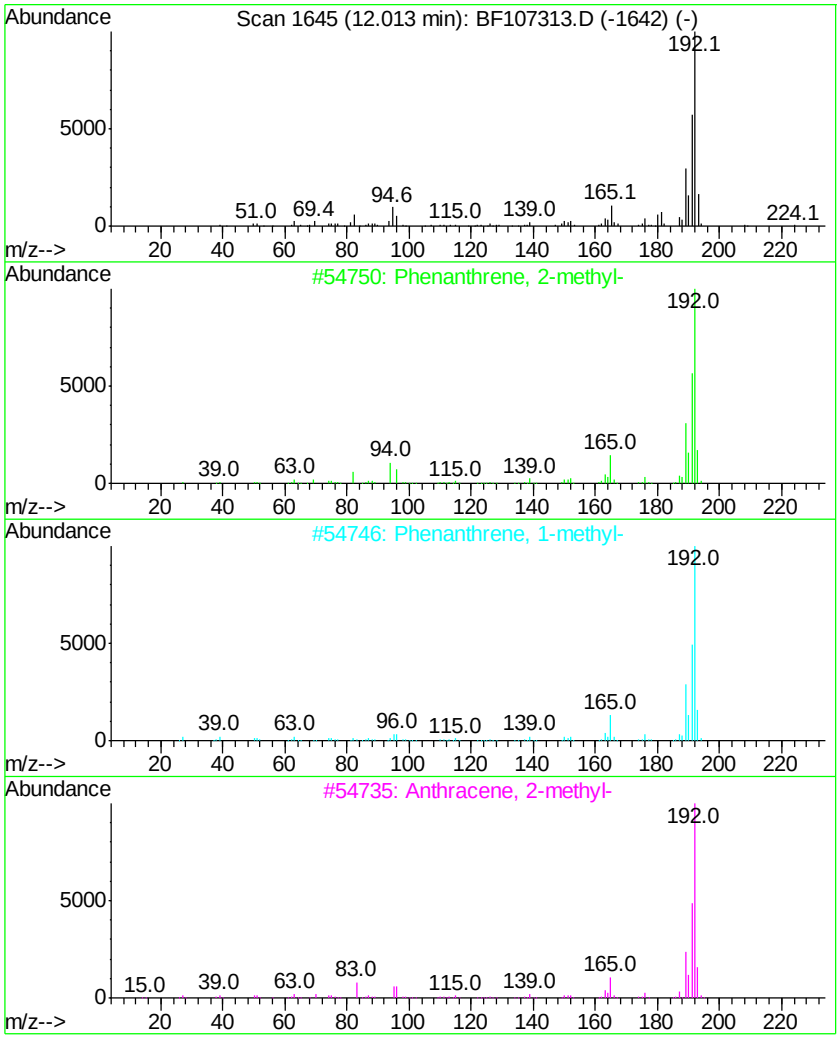
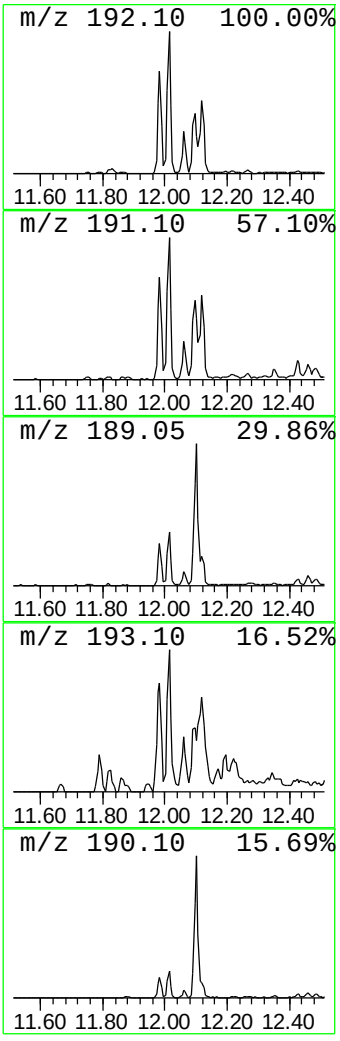
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	6.40 ng	158266	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Sample : J3914-09
Misc :
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Instrument : BNA_F
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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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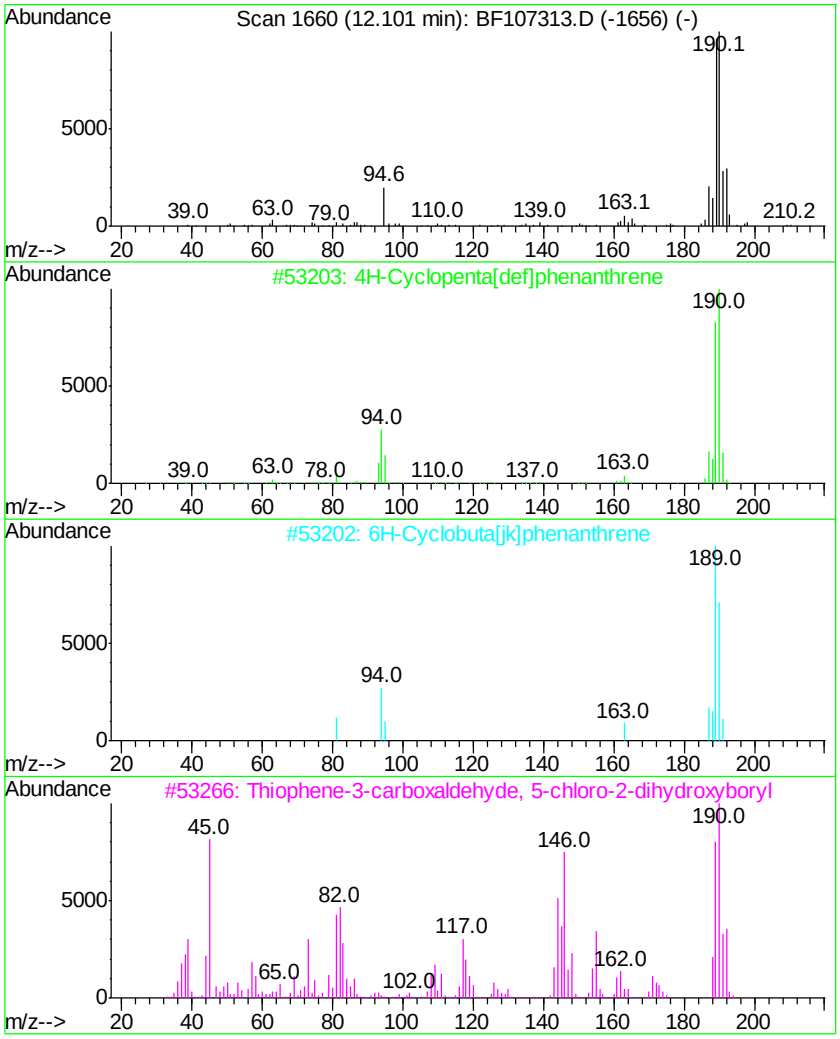
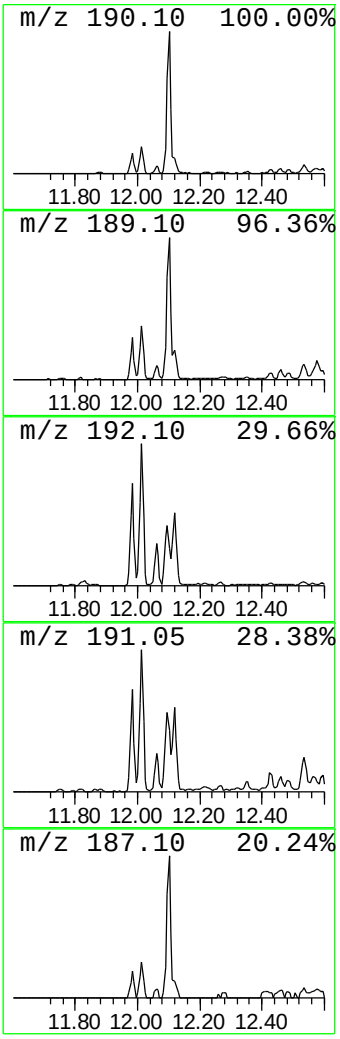
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	8.44 ng	208779	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEMH

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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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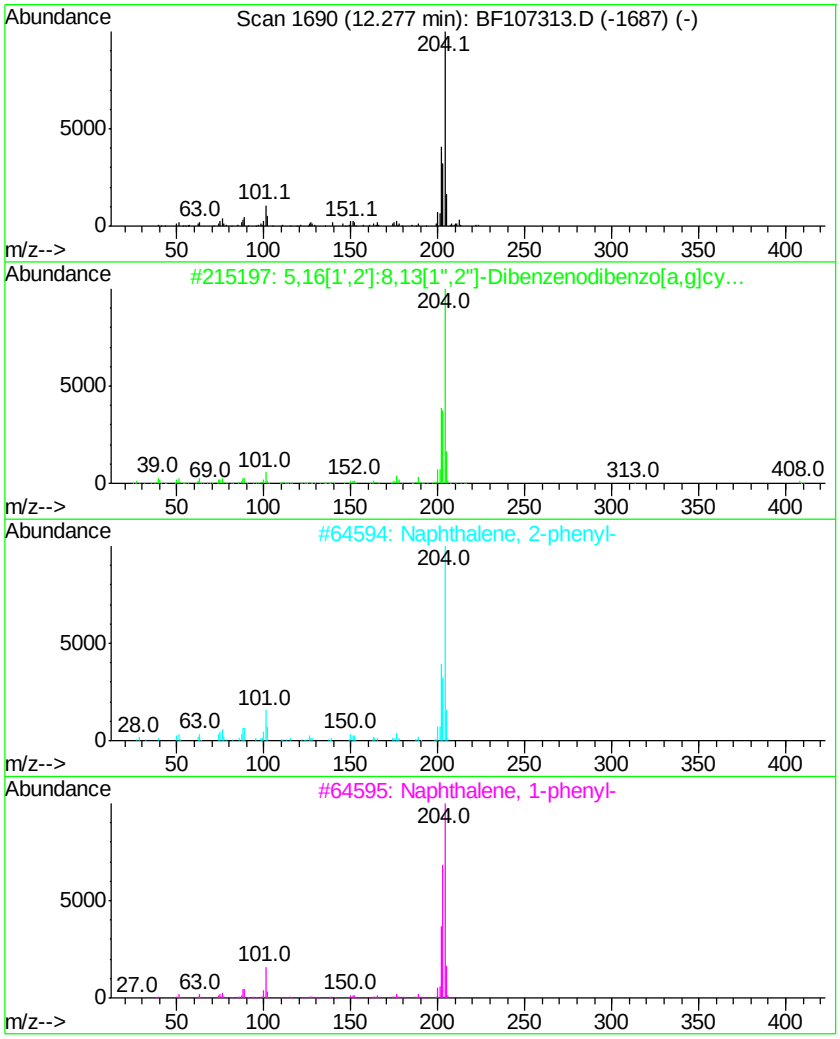
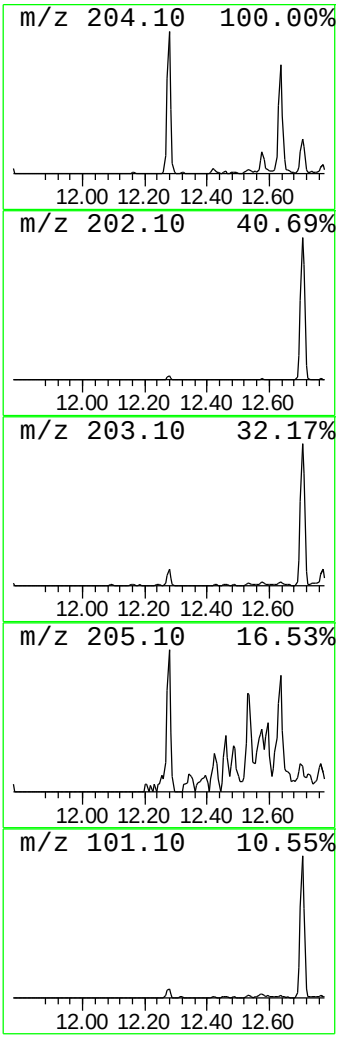
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	3.59 ng	88806	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52





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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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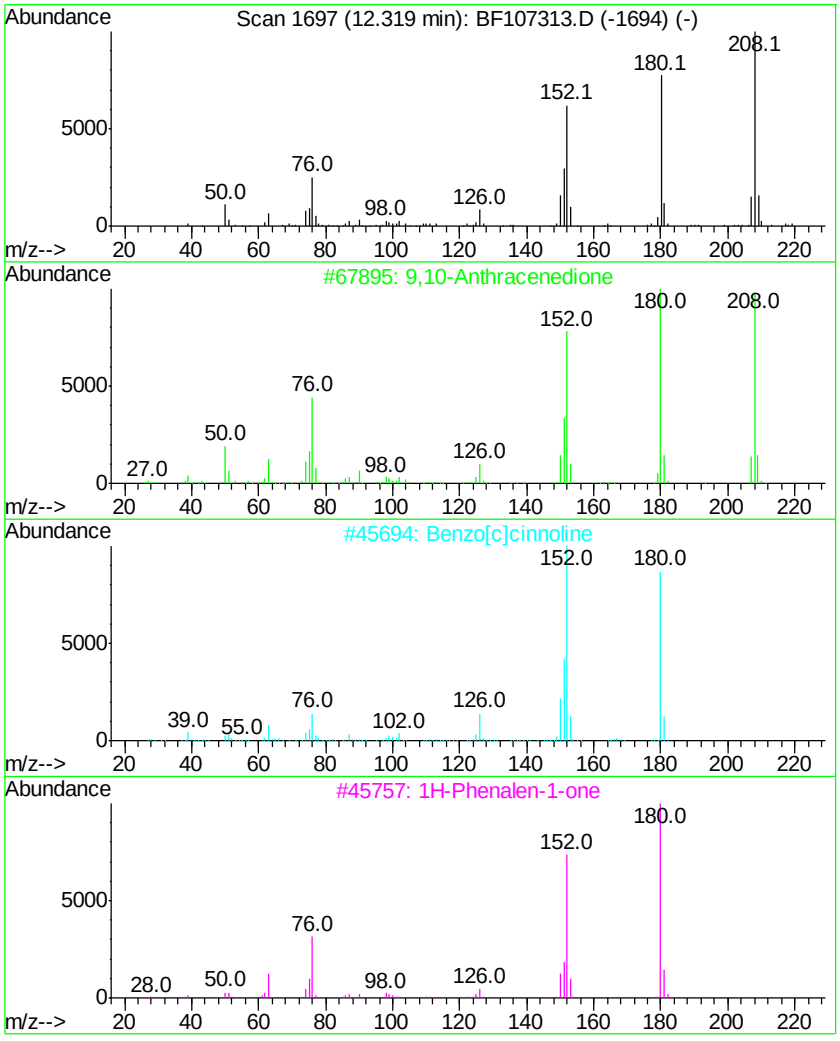
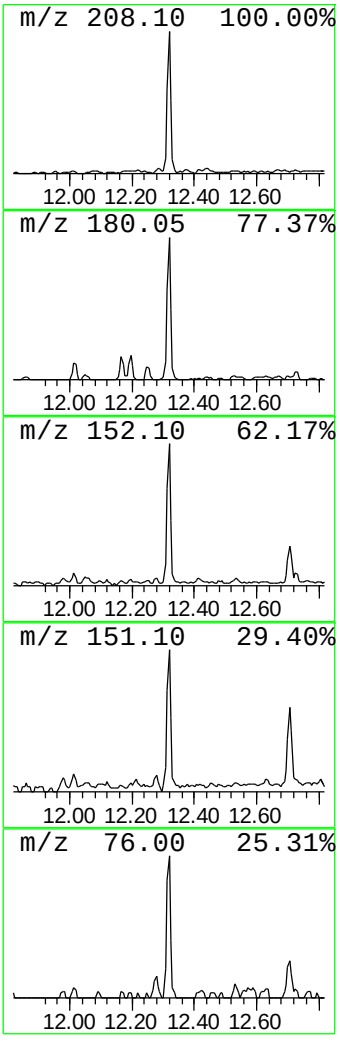
Peak Number 9 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	5.96 ng	147565	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	52
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	49





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
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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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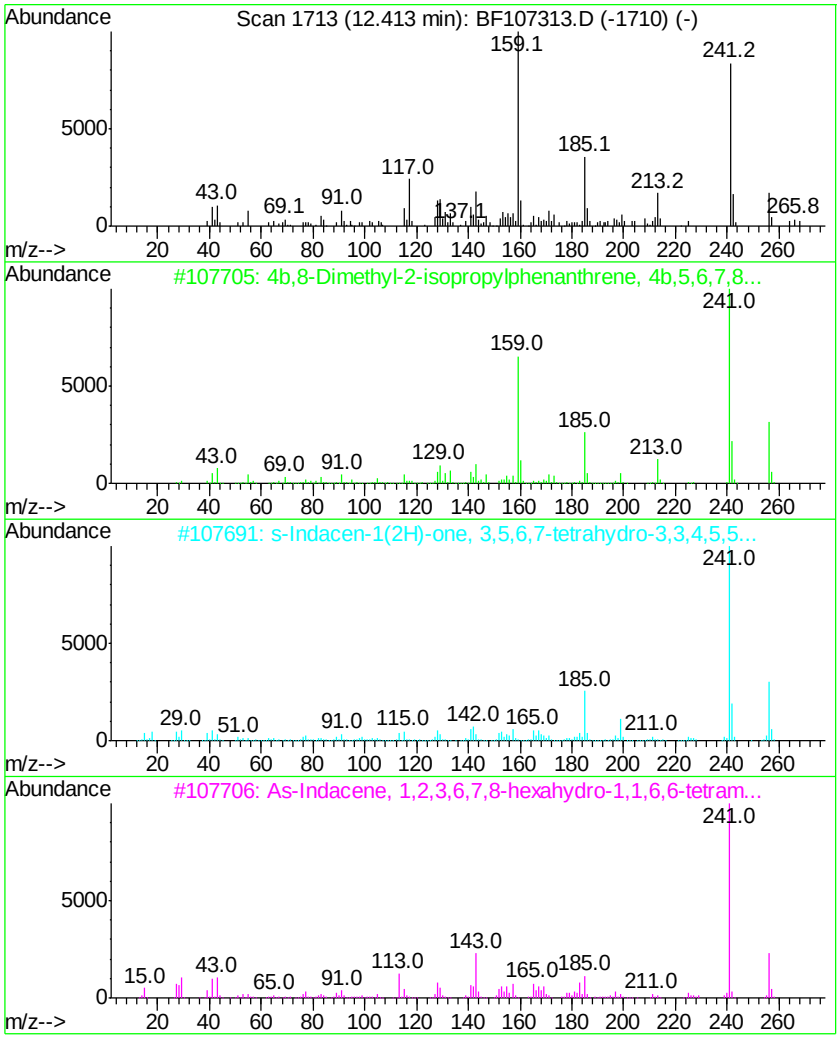
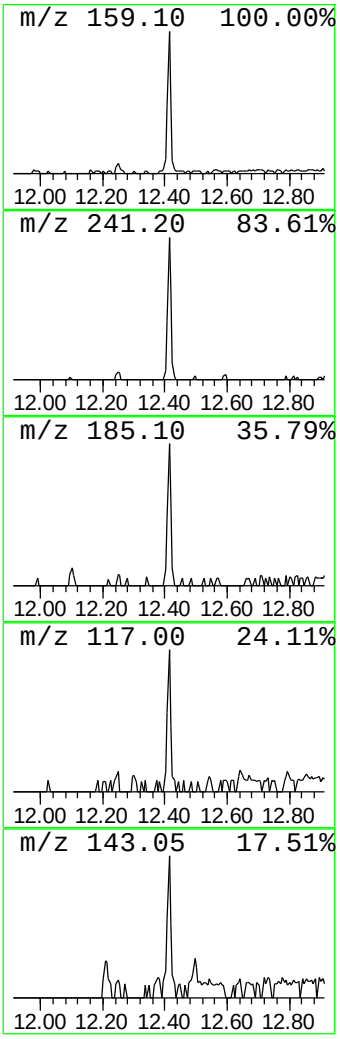
Peak Number 10 4b,8-Dimethyl-2-isopropylph... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	4.86 ng	120265	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	60
3	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	51
4	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	45
5	Sebacic acid, butyl 6-ethyloct-3...	398	C24H46O4	1000354-18-4	43





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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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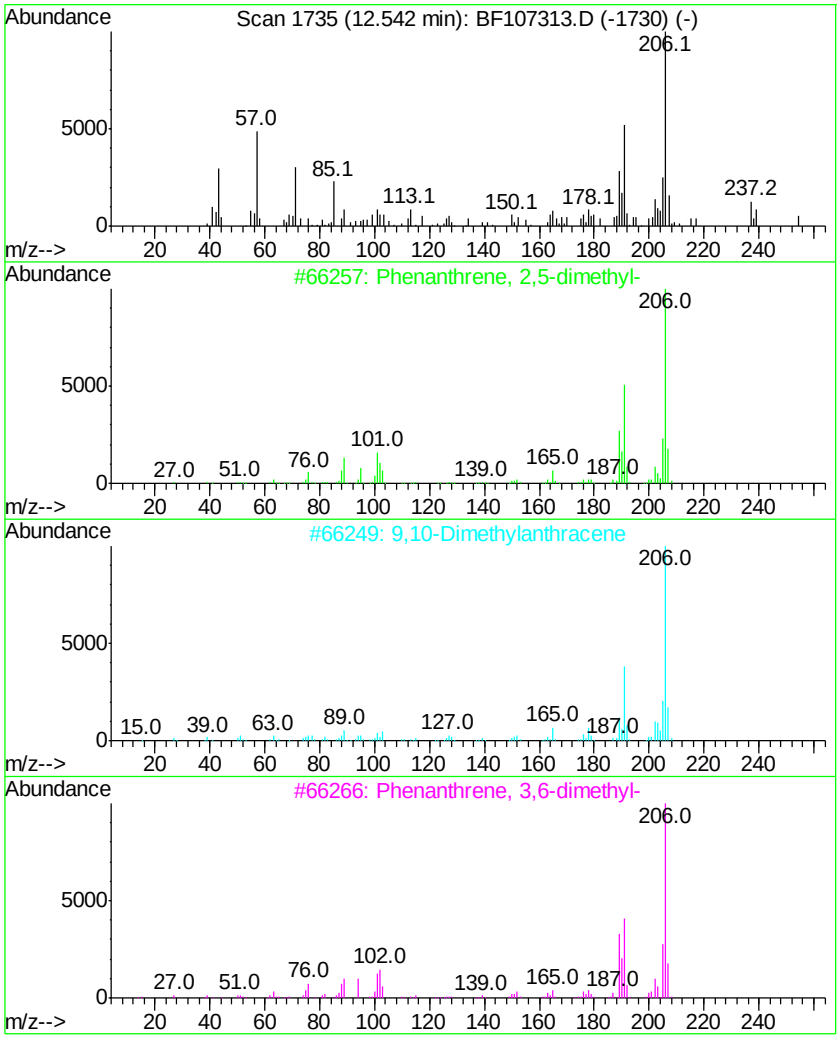
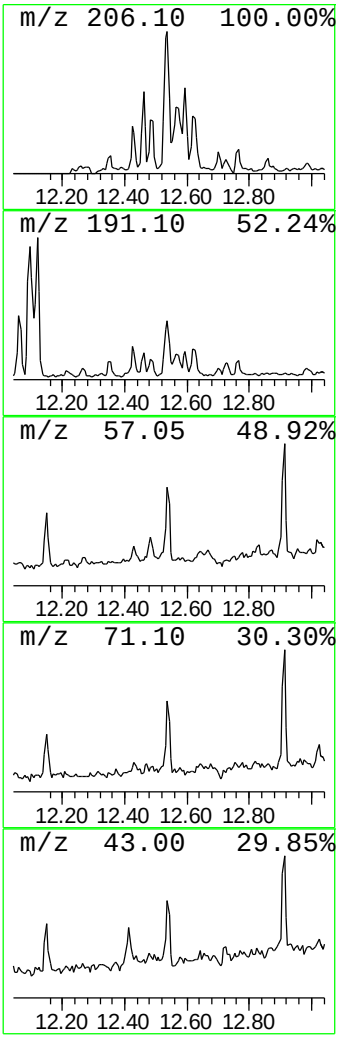
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	4.08 ng	100890	Phenanthrene-d10	11.48

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	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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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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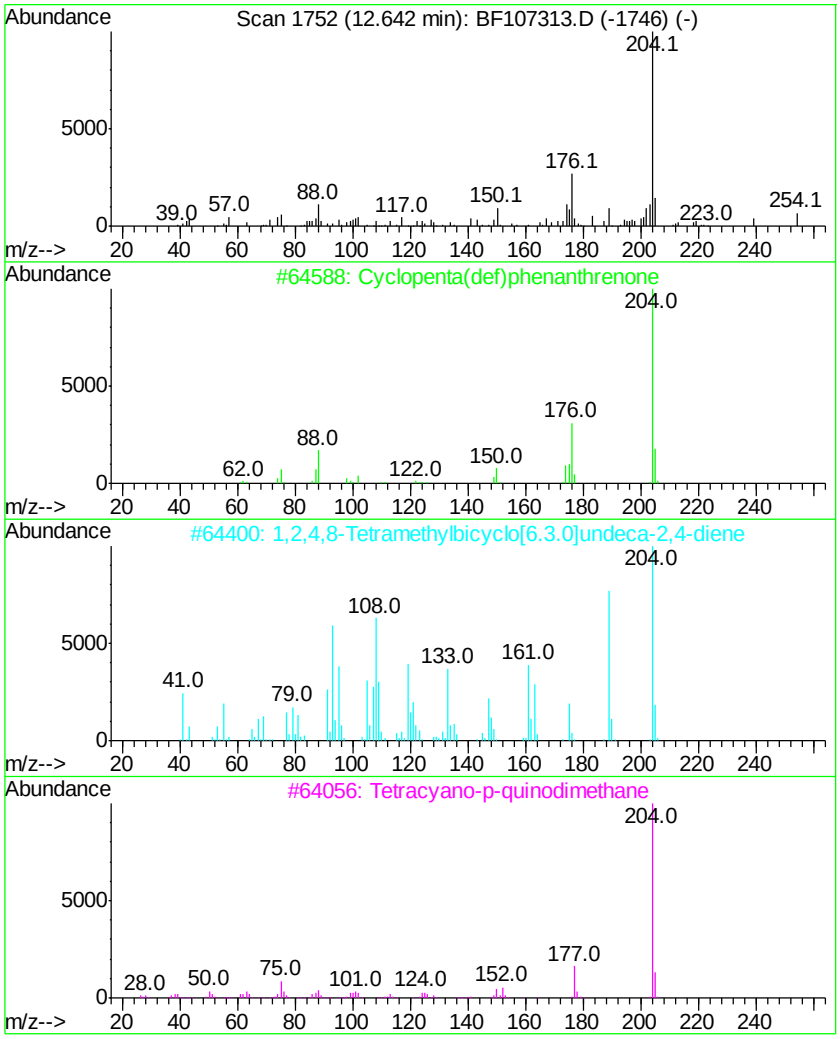
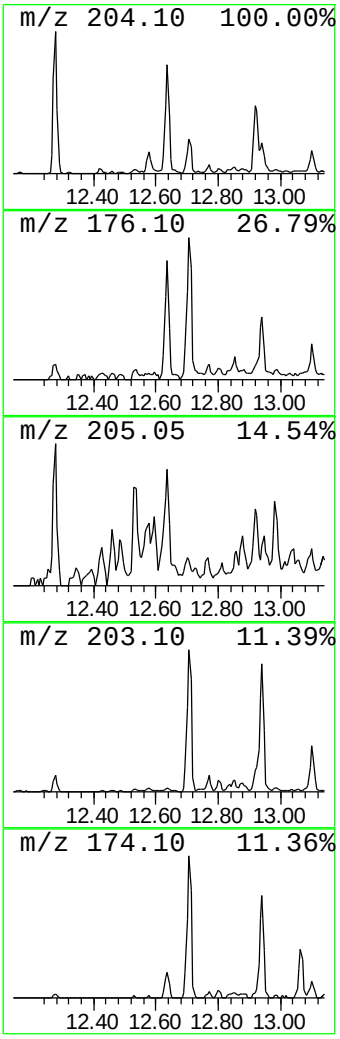
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	4.70 ng	116198	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	60
3	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	45





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Sample : J3914-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEMH

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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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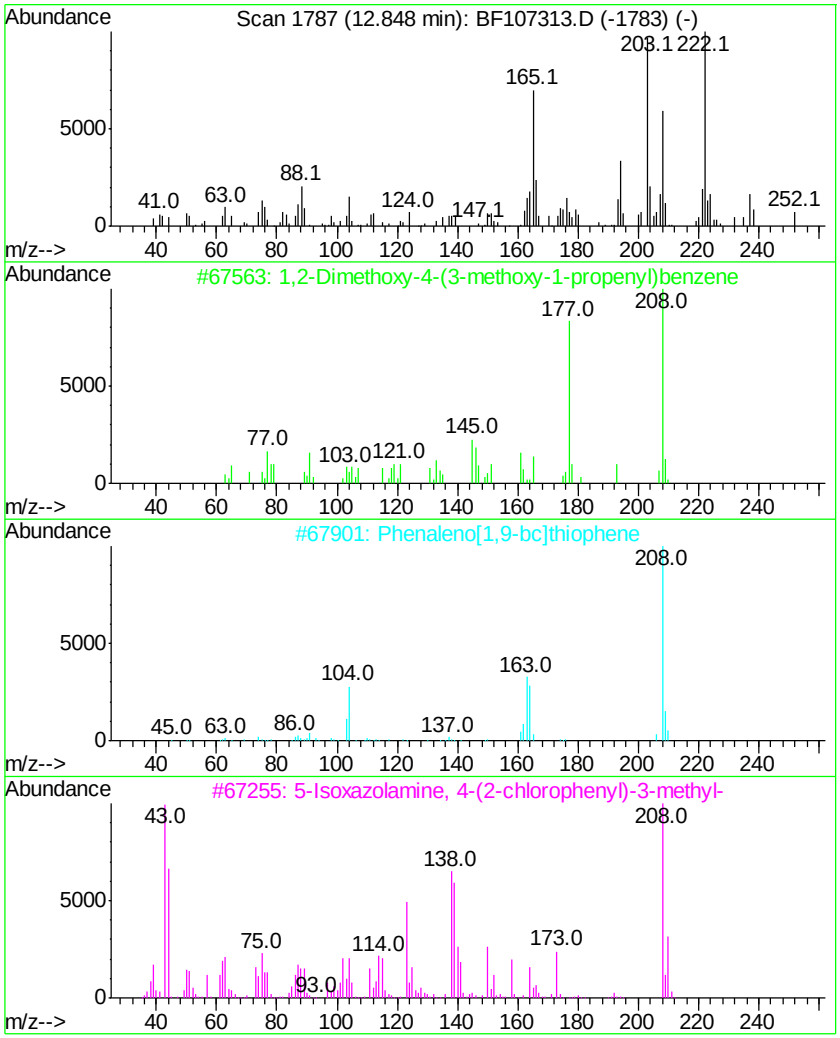
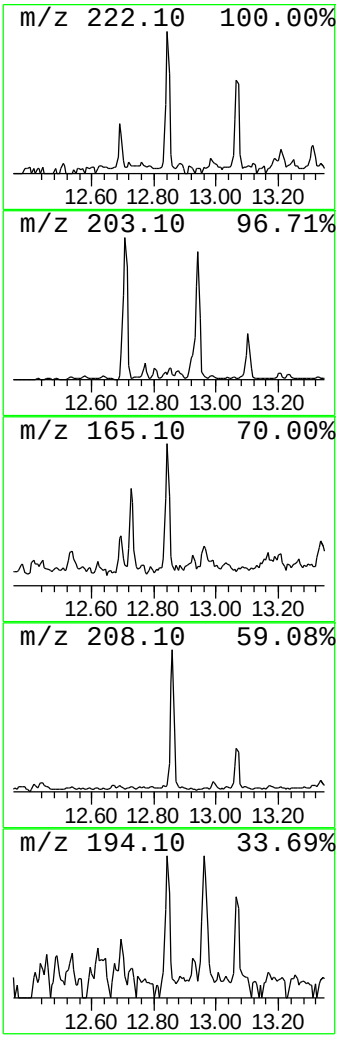
Peak Number 14 unknown12.85 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	2.45 ng	121981	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethoxy-4-(3-methoxy-1-pro...	208	C12H16O3	1000313-35-0	47
2	Phenaleno[1,9-bc]thiophene	208	C14H8S	079965-99-4	46
3	5-Isoxazolamine, 4-(2-chlorophen...	208	C10H9ClN2O	1000362-40-7	43
4	Indole, 6-methyl-2-(2-pyridyl)-	208	C14H12N2	107919-89-1	43
5	1,6-Dimethylphenazine	208	C14H12N2	058718-43-7	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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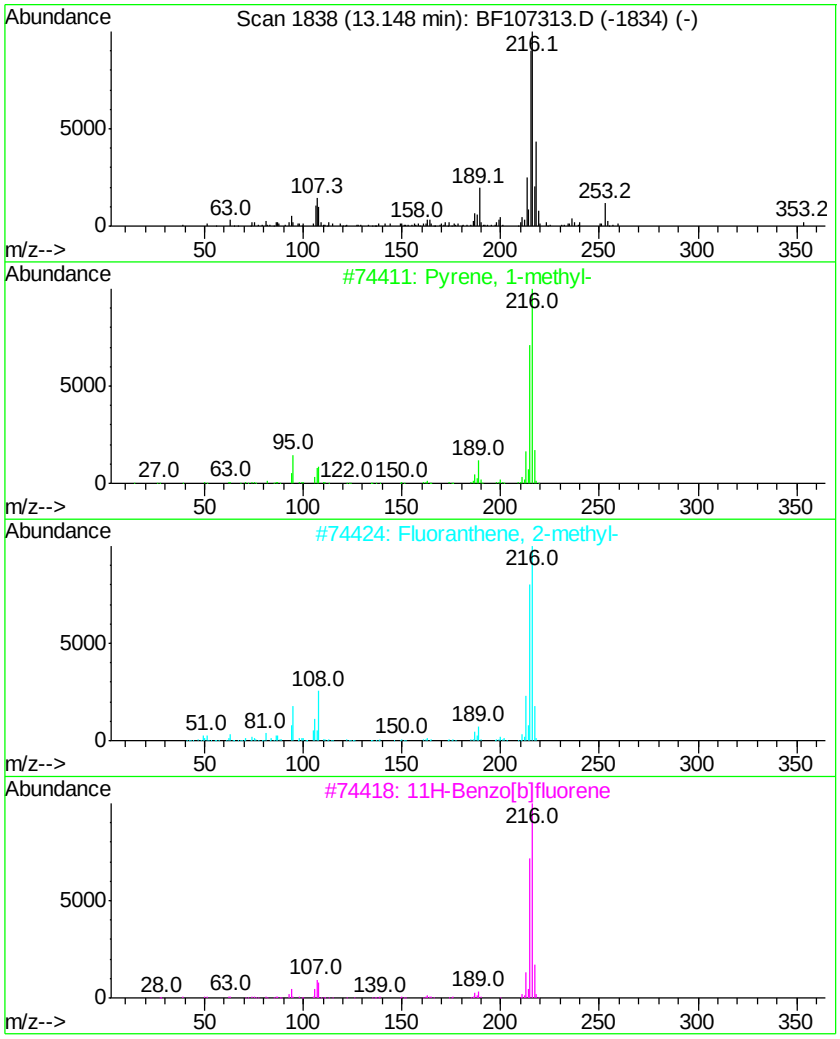
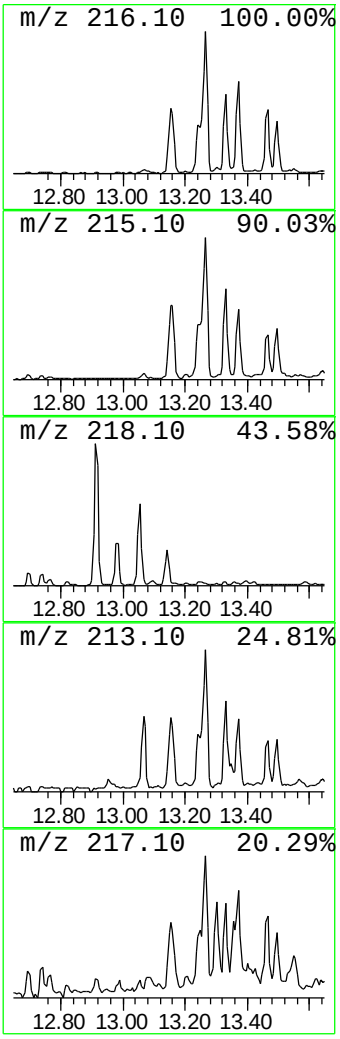
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	4.04 ng	201247	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Instrument : BNA_F
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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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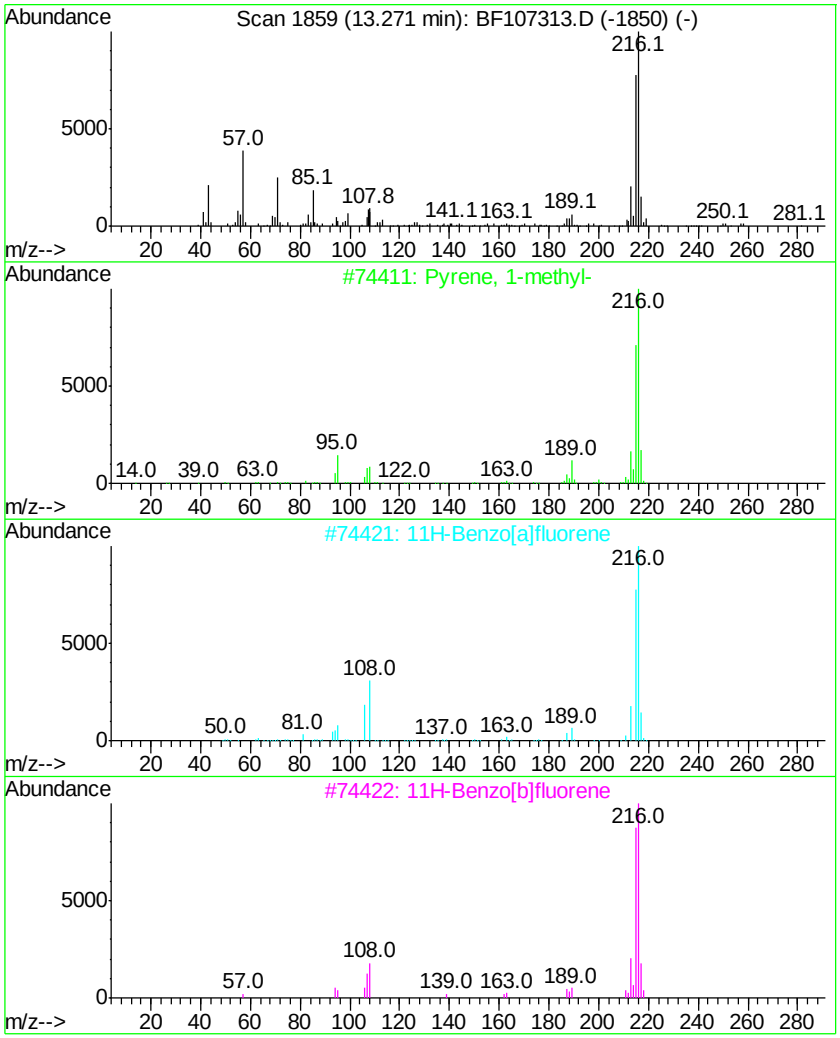
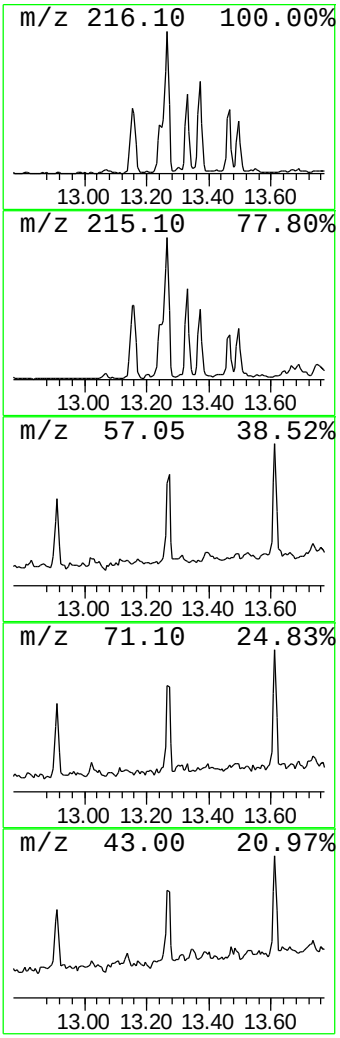
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	6.65 ng	330800	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	4-Trifluoromethylcinnamic acid	216	C10H7F3O2	002062-26-2	59





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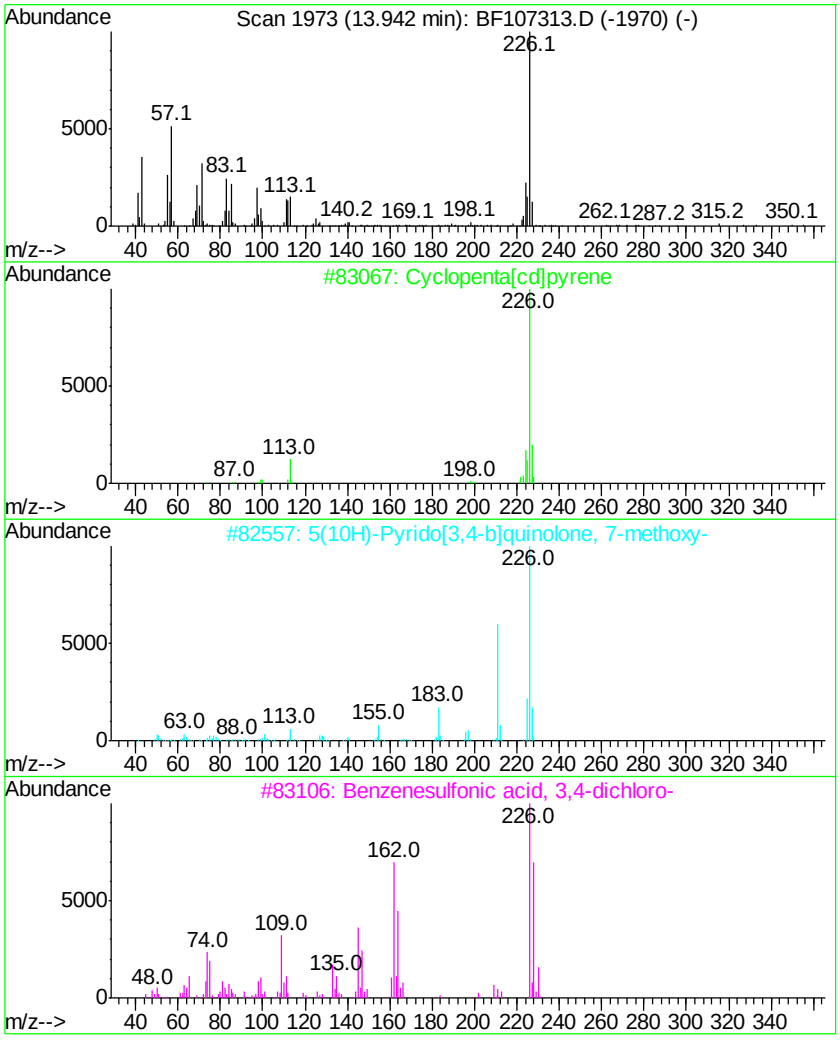
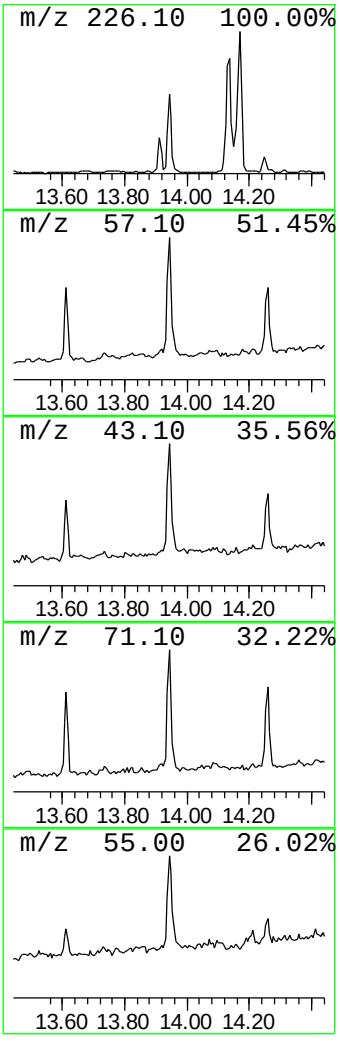
Peak Number 17 unknown13.94 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	6.08 ng	302515	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
2	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	38
3	Benzenesulfonic acid, 3,4-dichloro-	226	C6H4Cl2O3S	000939-95-7	35
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	25
5	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	25





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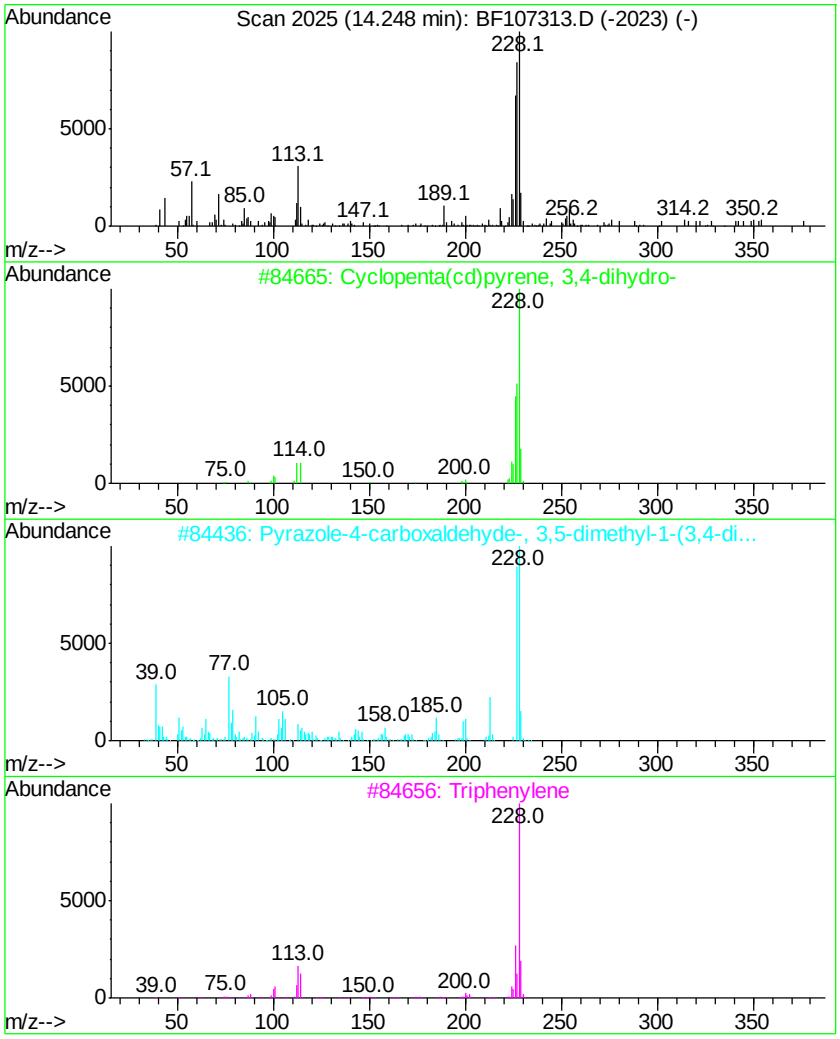
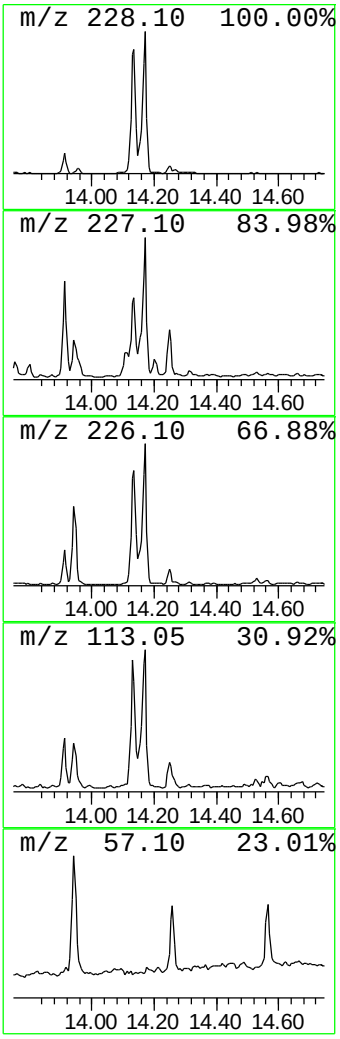
Peak Number 18 unknown14.25 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	2.66 ng	132640	Chrysene-d12	14.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	41
2	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	35
3	Triphenylene	228	C18H12	000217-59-4	30
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	30
5	Chrysene	228	C18H12	000218-01-9	27





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Sample : J3914-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

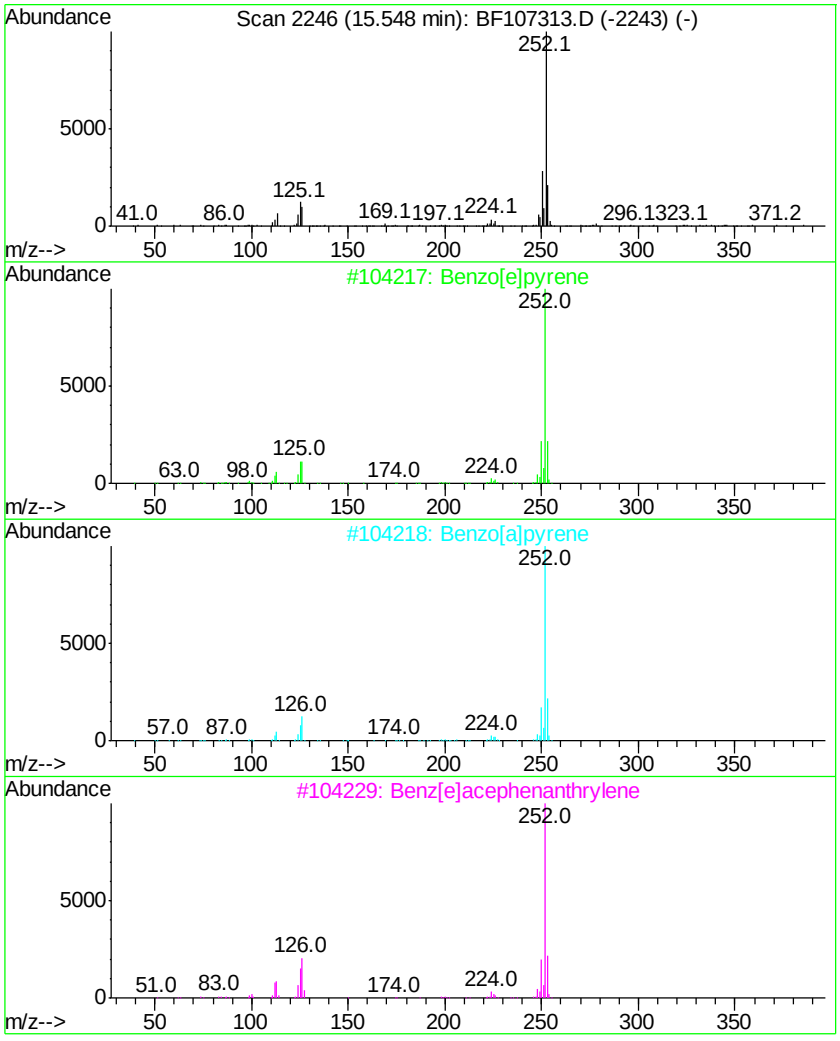
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

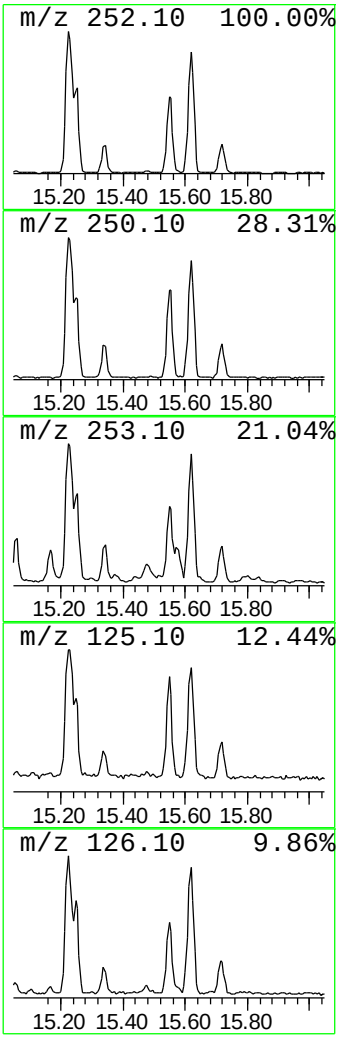
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	21.89 ng	263359	Perylene-d12	15.68

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	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107313.D
Acq On : 11 Jul 2018 21:06
Operator : JU/SJ
Sample : J3914-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEMH

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
2-Pentanone, 4-hy...	5.17	11.1	ng	200665	1	6.93	362203	20.0
unknown6.71	6.71	68.8	ng	1246000	1	6.93	362203	20.0
Naphthalene, 1,3,...	11.24	7.0	ng	174119	4	11.48	494892	20.0
Phenanthrene, 1-m...	11.98	5.3	ng	132124	4	11.48	494892	20.0
Phenanthrene, 2-m...	12.01	6.4	ng	158266	4	11.48	494892	20.0
4H-Cyclopenta[def...	12.10	8.4	ng	208779	4	11.48	494892	20.0
5,16[1',2']:8,13[...	12.28	3.6	ng	88806	4	11.48	494892	20.0
9,10-Anthracenedione	12.32	6.0	ng	147565	4	11.48	494892	20.0
4b,8-Dimethyl-2-i...	12.41	4.9	ng	120265	4	11.48	494892	20.0
Phenanthrene, 2,5...	12.54	4.1	ng	100890	4	11.48	494892	20.0
Cyclopenta(def)ph...	12.64	4.7	ng	116198	4	11.48	494892	20.0
unknown12.85	12.85	2.5	ng	121981	5	14.14	995609	20.0
Pyrene, 1-methyl-	13.15	4.0	ng	201247	5	14.14	995609	20.0
11H-Benzo[a]fluorene	13.27	6.7	ng	330800	5	14.14	995609	20.0
unknown13.94	13.94	6.1	ng	302515	5	14.14	995609	20.0
unknown14.25	14.25	2.7	ng	132640	5	14.14	995609	20.0
Benzo[e]pyrene	15.55	21.9	ng	263359	6	15.68	240582	20.0