LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108306.D
Acq On : 20 Aug 2018 22:34
Operator : JU/SJ
Sample : J4521-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11990

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-BF080818.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	2.384	3	8	13	rVB	285818	393989	12.93%	0.827%
2	5.266	493	498	507	rVB	121742	155766	5.11%	0.327%
3	5.649	558	563	566	rBV	3023521	2733316	89.71%	5.737%
4	6.637	726	731	735	rBV	2716010	2938541	96.44%	6.168%
5	6.790	752	757	760	rBV	3213361	2902801	95.27%	6.093%
6	7.019	792	796	799	rBV	1264258	1021071	33.51%	2.143%
7	7.172	818	822	826	rBV	2380960	2189221	71.85%	4.595%
8	7.578	886	891	894	rBV	1976775	1806239	59.28%	3.791%
9	8.301	1010	1014	1017	rBV	1526233	1249735	41.02%	2.623%
10	8.342	1019	1021	1024	rVB	55826	42856	1.41%	0.090%
11	8.578	1056	1061	1066	rBV7	21010	37222	1.22%	0.078%
12	8.701	1079	1082	1085	rVB	73846	52618	1.73%	0.110%
13	8.872	1106	1111	1116	rBV6	25331	32642	1.07%	0.069%
14	9.301	1181	1184	1187	rVB	131534	107056	3.51%	0.225%
15	9.372	1191	1196	1200	rBV	3222952	3047005	100.00%	6.396%
16	9.448	1205	1209	1212	rVB3	72767	85904	2.82%	0.180%
17	9.760	1259	1262	1266	rVB2	398707	345011	11.32%	0.724%
18	9.919	1286	1289	1292	rBV2	90335	99730	3.27%	0.209%
19	9.972	1295	1298	1302	rVB	113686	110233	3.62%	0.231%
20	10.013	1302	1305	1307	rBV4	34576	43155	1.42%	0.091%
21	10.066	1310	1314	1317	rVV	1500358	1311466	43.04%	2.753%
22	10.095	1317	1319	1326	rVB	149989	169129	5.55%	0.355%
23	10.260	1344	1347	1350	rBV2	46556	55336	1.82%	0.116%
24	10.301	1351	1354	1358	rVB3	51904	67486	2.21%	0.142%
25	10.378	1364	1367	1369	rBV2	69037	76731	2.52%	0.161%
26	10.466	1380	1382	1385	rVB2	105092	92536	3.04%	0.194%
27	10.613	1404	1407	1413	rVB	109873	119265	3.91%	0.250%
28	10.689	1416	1420	1423	rVV2	216177	250459	8.22%	0.526%
29	10.748	1428	1430	1432	rBV2	34449	38095	1.25%	0.080%
30	10.860	1445	1449	1452	rBV	1588460	1619454	53.15%	3.399%
31	10.960	1462	1466	1469	rBV	451377	423968	13.91%	0.890%
32	11.166	1498	1501	1504	rVB4	79429	89190	2.93%	0.187%
33	11.195	1504	1506	1512	rBV4	51895	60653	1.99%	0.127%
34	11.401	1538	1541	1542	rBV2	50736	46077	1.51%	0.097%

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Misc :
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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.425	1542	1545	1548	rVV	250685	239564	7.86%	0.503%
36	11.454	1548	1550	1554	rVB	76736	70874	2.33%	0.149%
37	11.560	1565	1568	1570	rBV	1194037	1069828	35.11%	2.246%
38	11.583	1570	1572	1576	rVB	1053912	930666	30.54%	1.954%
39	11.636	1578	1581	1584	rBV	398812	321493	10.55%	0.675%
40	11.783	1603	1606	1611	rBV3	86395	118875	3.90%	0.250%
41	11.854	1616	1618	1620	rBV	59012	53957	1.77%	0.113%
42	11.895	1622	1625	1628	rVB2	71603	77755	2.55%	0.163%
43	12.066	1651	1654	1656	rBV	201239	174681	5.73%	0.367%
44	12.089	1656	1658	1662	rVB	275610	249032	8.17%	0.523%
45	12.142	1664	1667	1670	rBV	137364	128592	4.22%	0.270%
46	12.178	1670	1673	1676	rBV2	399829	485523	15.93%	1.019%
47	12.360	1701	1704	1706	rBV	164501	145315	4.77%	0.305%
48	12.389	1706	1709	1714	rVB	117516	130635	4.29%	0.274%
49	12.507	1727	1729	1732	rVB2	60966	54904	1.80%	0.115%
50	12.542	1732	1735	1737	rBV	52987	42320	1.39%	0.089%
51	12.613	1744	1747	1751	rBV	161822	202906	6.66%	0.426%
52	12.707	1760	1763	1772	rVB3	140198	178725	5.87%	0.375%
53	12.783	1772	1776	1780	rVV	2389860	2200227	72.21%	4.618%
54	12.819	1780	1782	1784	rVV	62936	54075	1.77%	0.114%
55	12.842	1784	1786	1789	rVB	75267	60419	1.98%	0.127%
56	12.936	1800	1802	1805	rBV	71096	53293	1.75%	0.112%
57	13.019	1809	1816	1820	rBV	2261559	2571331	84.39%	5.397%
58	13.060	1820	1823	1828	rVB2	127701	138026	4.53%	0.290%
59	13.148	1832	1838	1840	rBV	2392170	2128821	69.87%	4.469%
60	13.172	1840	1842	1847	rVB	122900	108275	3.55%	0.227%
61	13.225	1847	1851	1856	rBV3	166418	290718	9.54%	0.610%
62	13.342	1863	1871	1874	rBV	407644	593007	19.46%	1.245%
63	13.407	1879	1882	1885	rBV2	337289	284338	9.33%	0.597%
64	13.448	1885	1889	1891	rVV2	257600	244918	8.04%	0.514%
65	13.542	1902	1905	1907	rBV	172086	140941	4.63%	0.296%
66	13.572	1907	1910	1912	rBV	167700	149907	4.92%	0.315%
67	13.848	1955	1957	1962	rVB	119201	138873	4.56%	0.292%
68	13.966	1974	1977	1979	rBV	140850	131609	4.32%	0.276%
69	13.989	1979	1981	1984	rVV	167525	152611	5.01%	0.320%
70	14.019	1984	1986	1990	rVV2	188756	225892	7.41%	0.474%
71	14.060	1991	1993	2001	rVB	139517	209914	6.89%	0.441%

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Integrator: RTE
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72	14.213	2015	2019	2022	rBV3	1508342	2122249	69.65%	4.455%
73	14.242	2022	2024	2031	rVB	1032654	1064176	34.93%	2.234%
74	14.324	2036	2038	2042	rBV	254451	245507	8.06%	0.515%
75	14.442	2054	2058	2061	rBV2	123435	190122	6.24%	0.399%
76	14.601	2083	2085	2089	rVB	214991	211960	6.96%	0.445%
77	14.736	2106	2108	2110	rBV2	115697	102410	3.36%	0.215%
78	14.760	2110	2112	2116	rVB	161420	154735	5.08%	0.325%
79	15.319	2202	2207	2210	rBV	861529	1454415	47.73%	3.053%
80	15.436	2224	2227	2230	rVB	187652	206854	6.79%	0.434%
81	15.648	2260	2263	2270	rVB	502170	731696	24.01%	1.536%
82	15.724	2271	2276	2280	rVV	817664	1134247	37.22%	2.381%
83	15.789	2283	2287	2290	rVV	577776	794000	26.06%	1.667%
84	15.824	2290	2293	2299	rVB2	238672	341183	11.20%	0.716%
85	17.418	2559	2564	2571	rVB2	267083	519878	17.06%	1.091%

Sum of corrected areas: 47640228

LSC Report - Integrated Chromatogram

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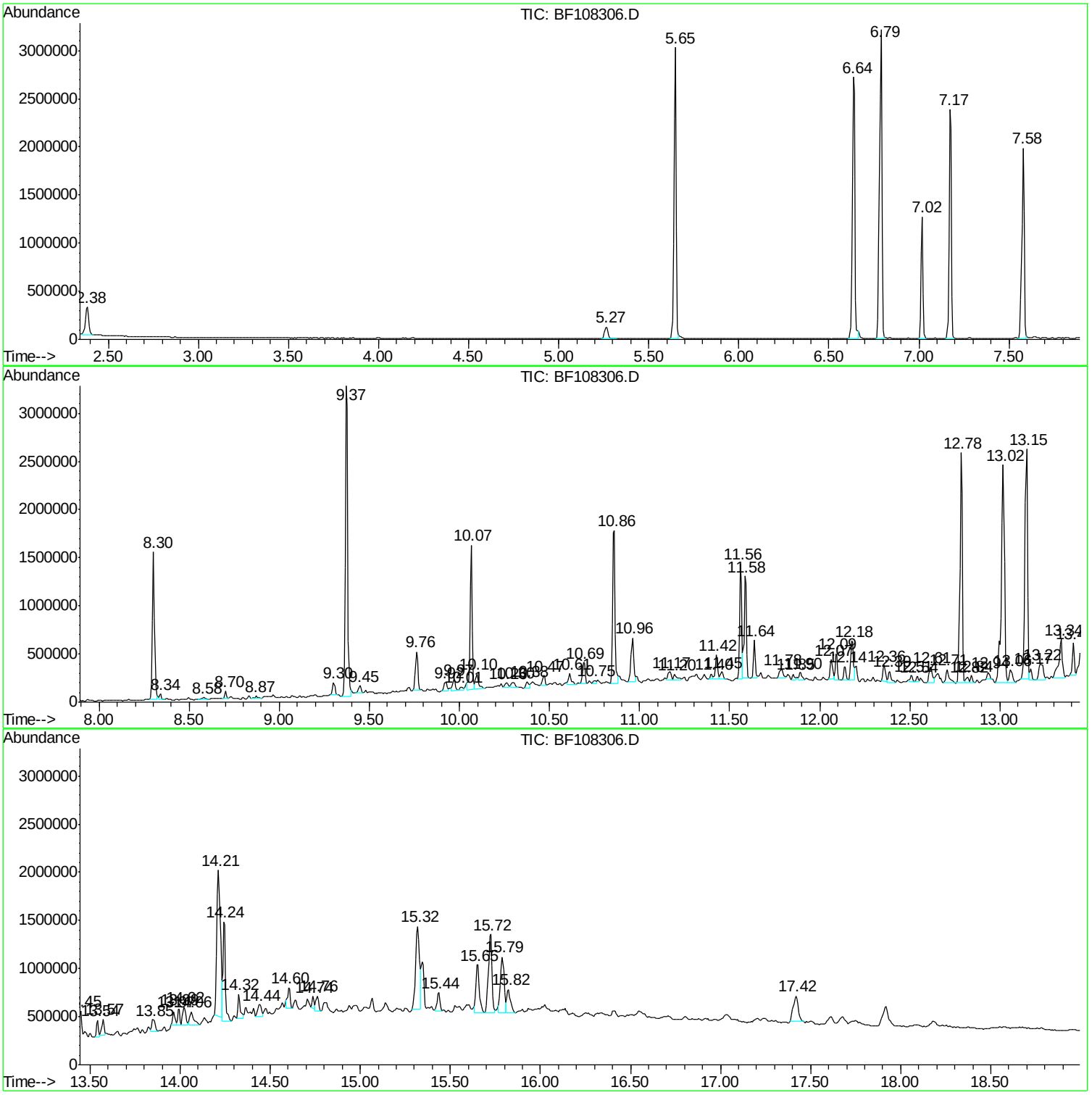
Instrument : BNA_F
ClientSampleId : 72-11990

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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 F\DATA\BF082018\
Data File : BF108306.D
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Operator : JU/SJ
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

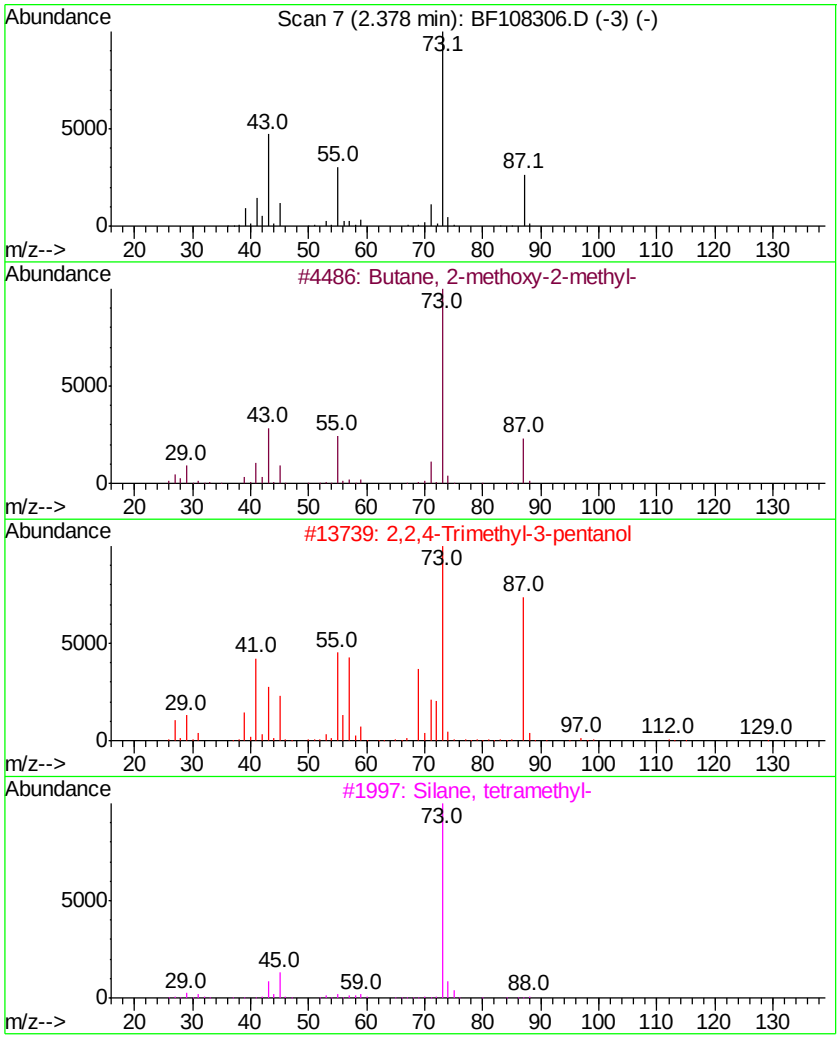
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

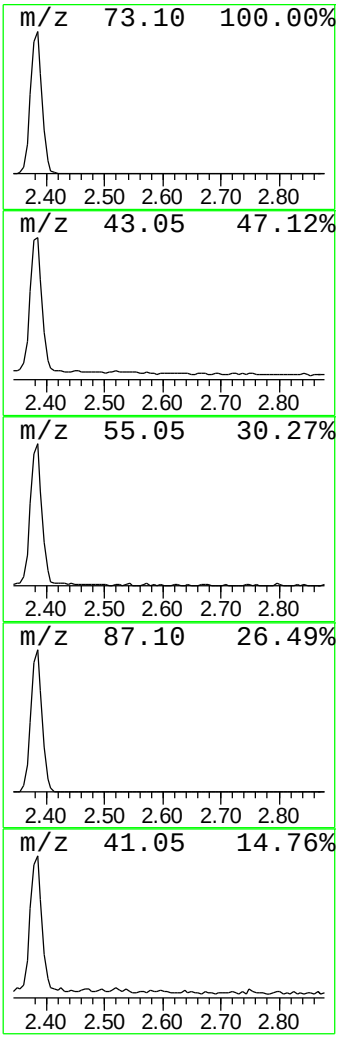
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.38	7.72 ng	393989	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Instrument : BNA_F
ClientSampleId : 72-11990

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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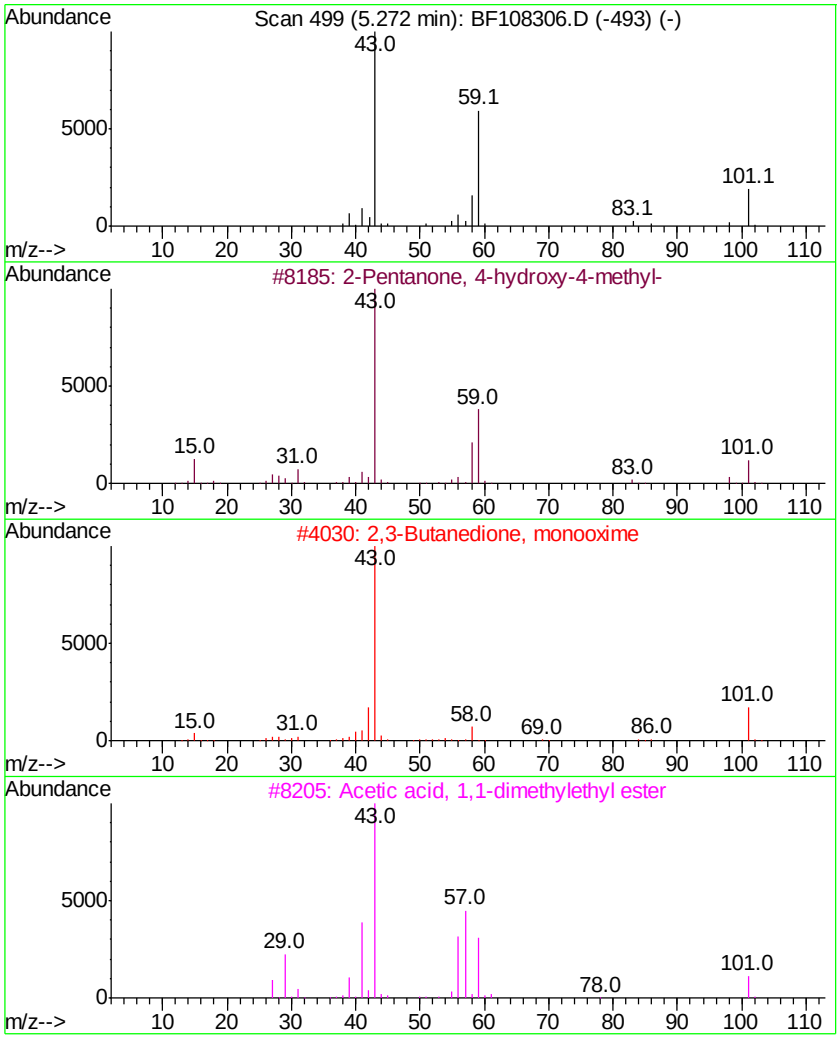
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

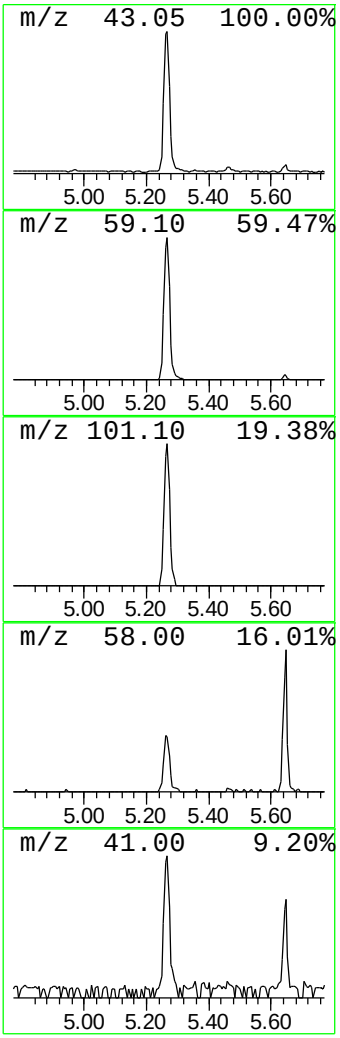
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	3.05 ng	155766	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	30
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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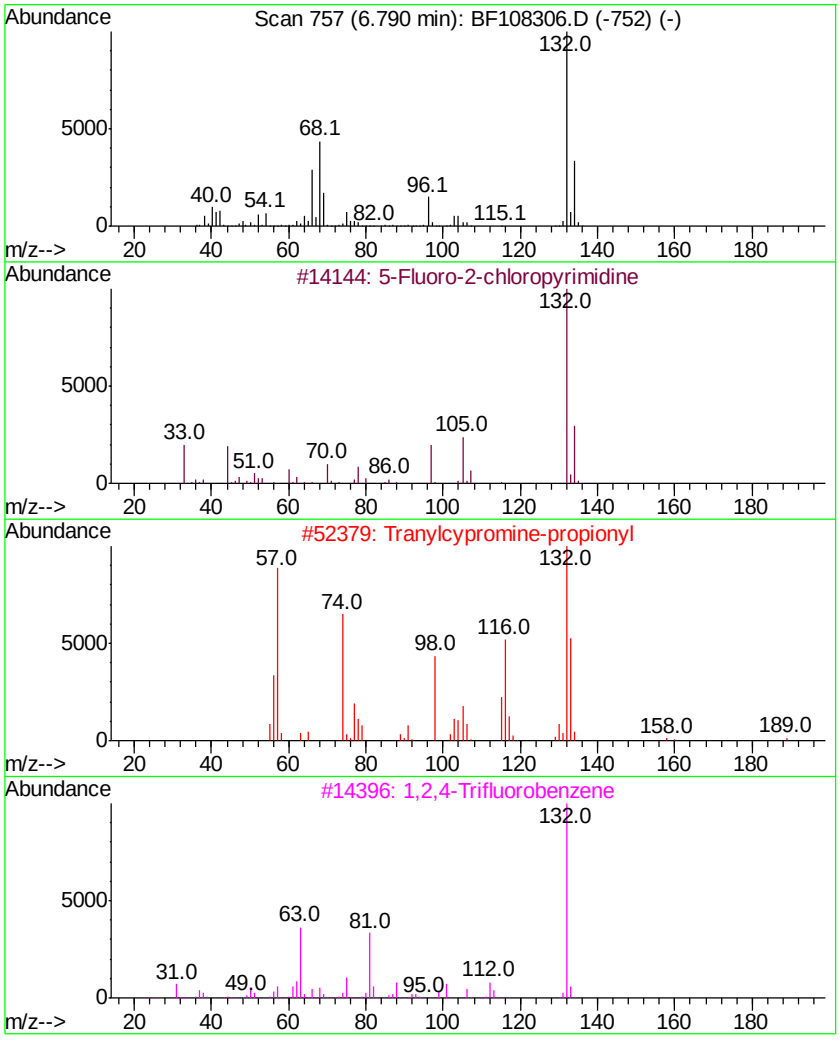
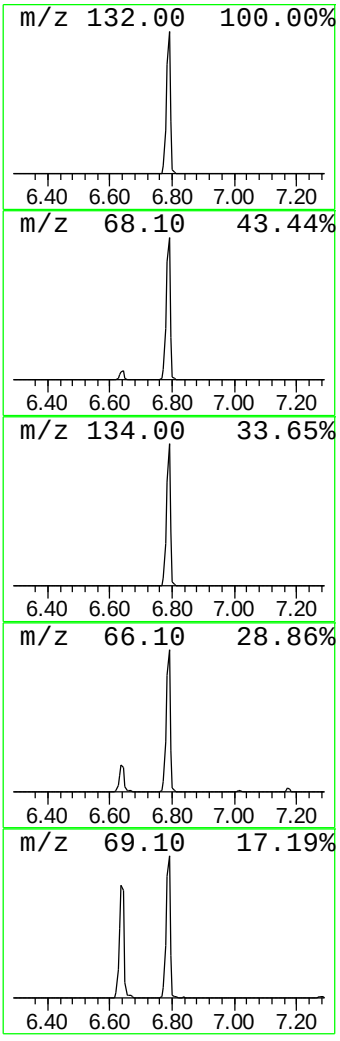
****

Peak Number 3 unknown6.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	56.86 ng	2902800	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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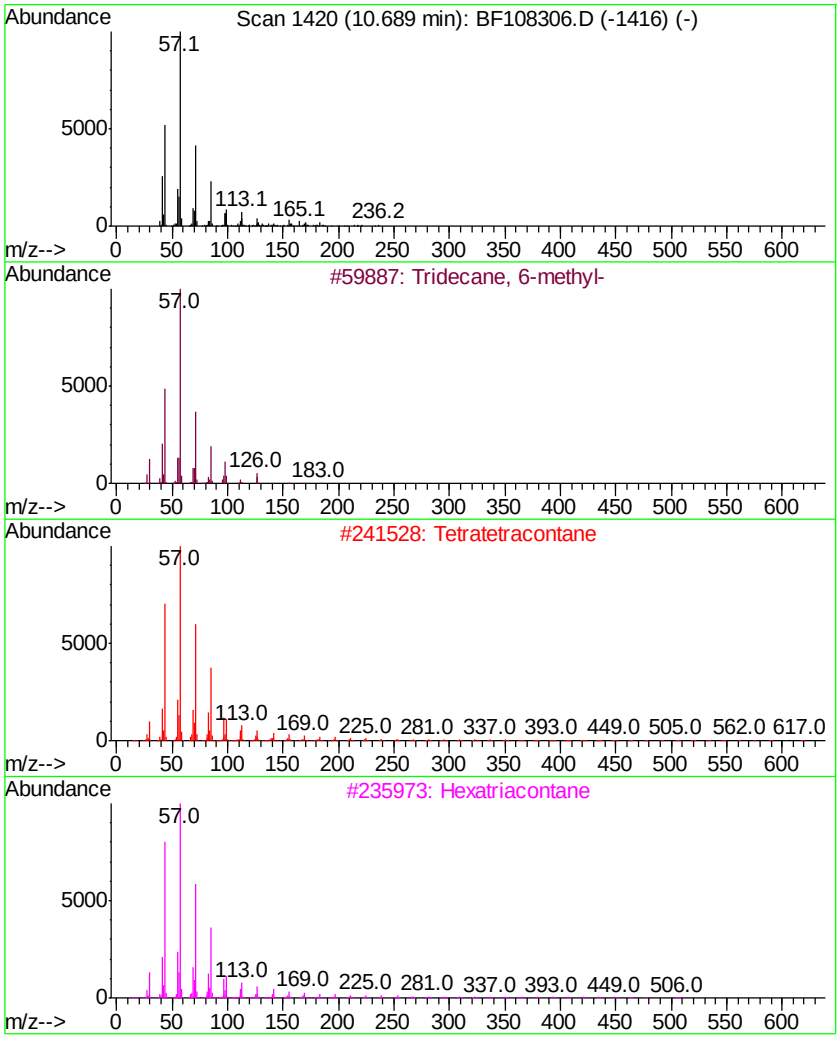
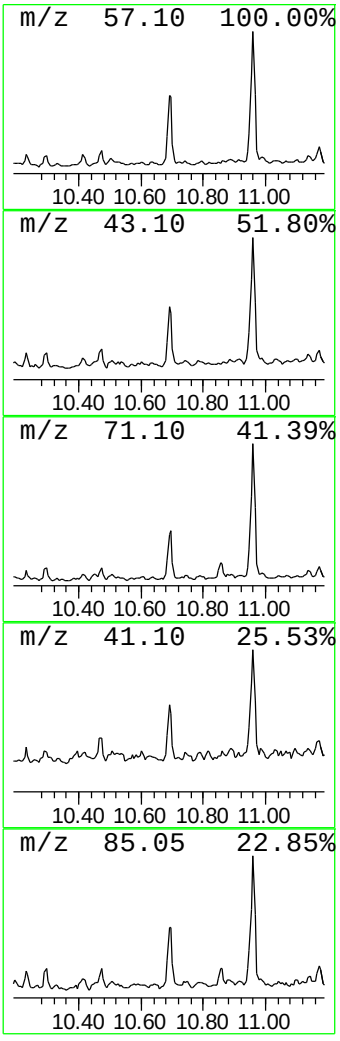
****

Peak Number 5 Tridecane, 6-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	3.82 ng	250459	Acenaphthene-d10	10.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
2	Tetratetracontane	619	C44H90	007098-22-8	72
3	Hexatriacontane	507	C36H74	000630-06-8	72
4	Decane, 2-methyl-	156	C11H24	006975-98-0	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

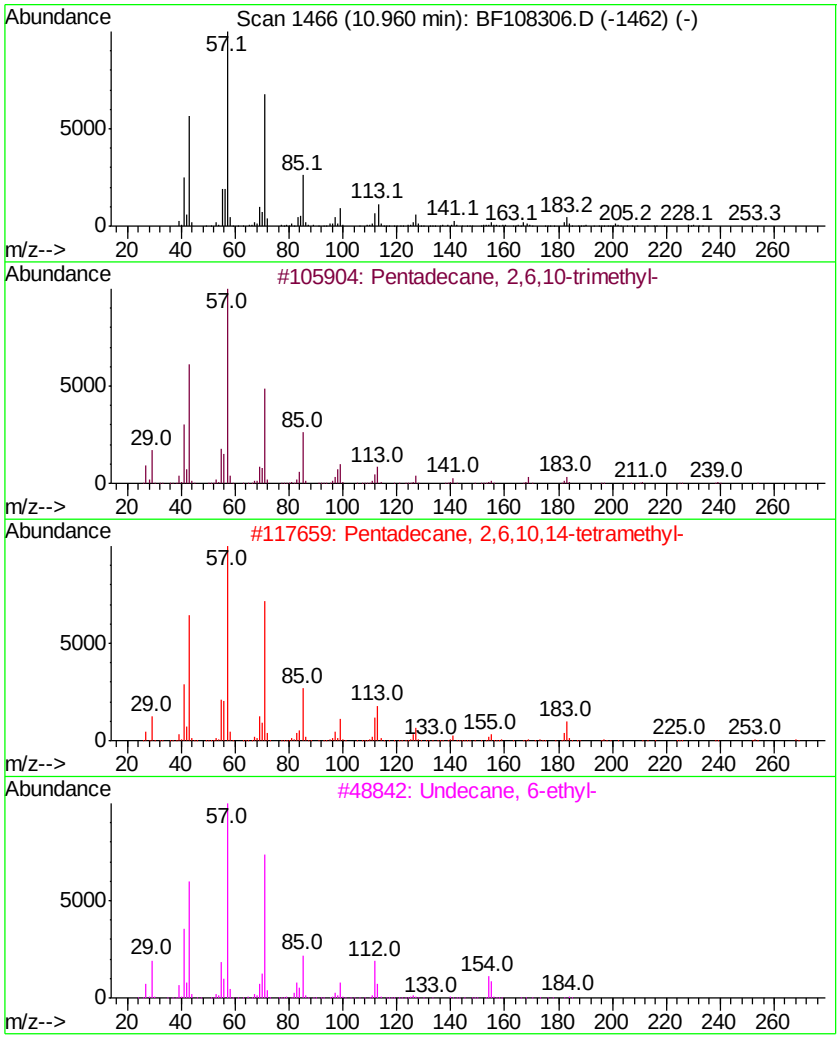
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

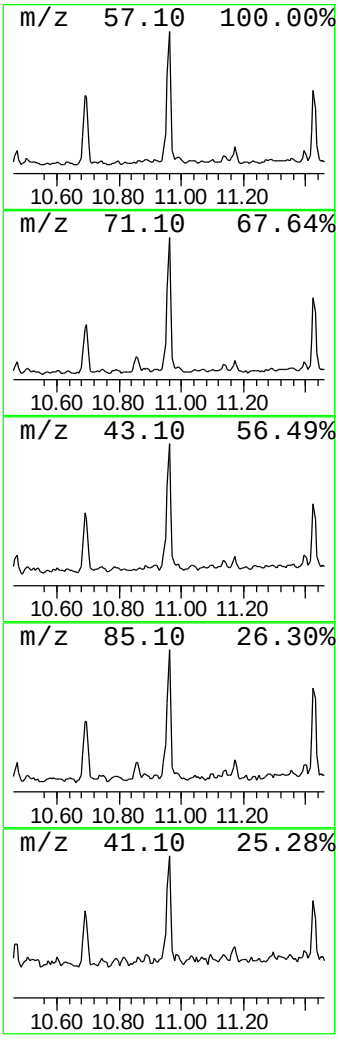
****

Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	7.93 ng	423968	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	81
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80





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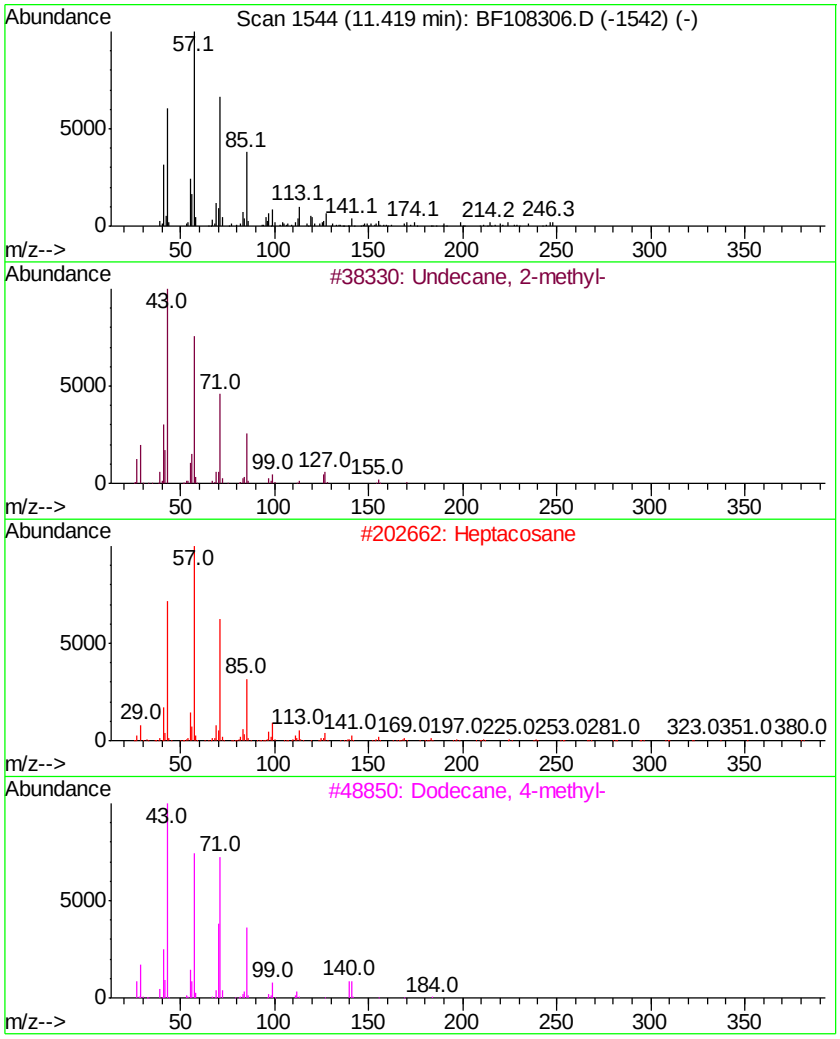
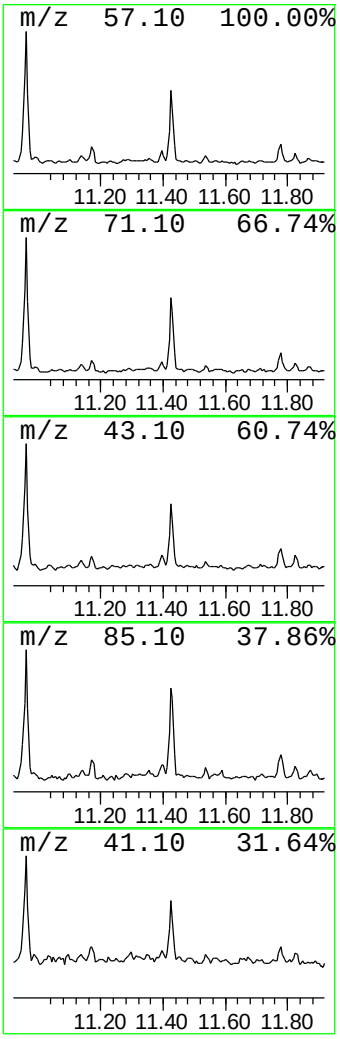
****

Peak Number 7 Undecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	4.48 ng	239564	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	87
2	Heptacosane	380	C27H56	000593-49-7	87
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





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Acq On : 20 Aug 2018 22:34
Operator : JU/SJ
Sample : J4521-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11990

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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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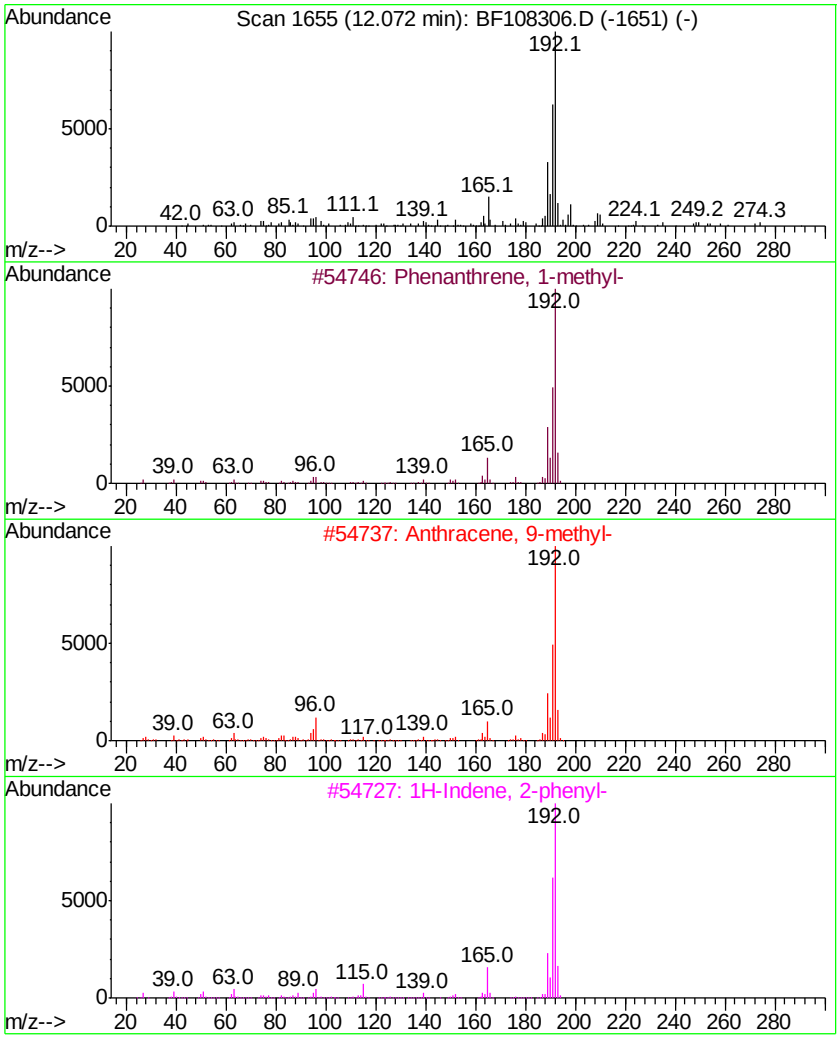
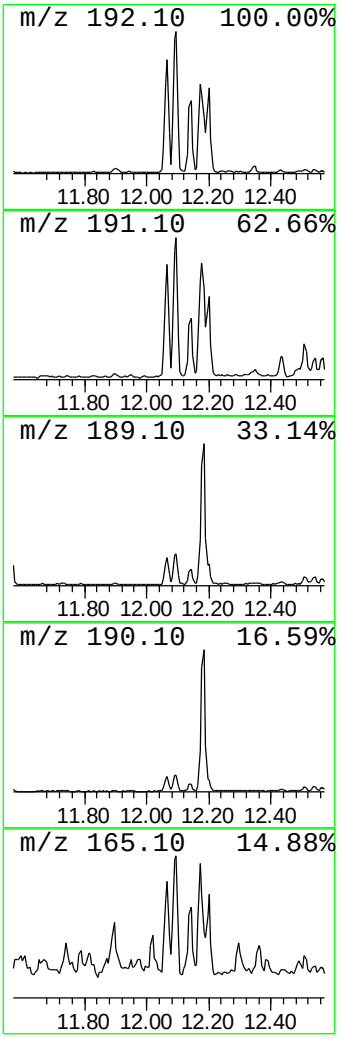
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	3.27 ng	174681	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





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Operator : JU/SJ
Sample : J4521-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11990

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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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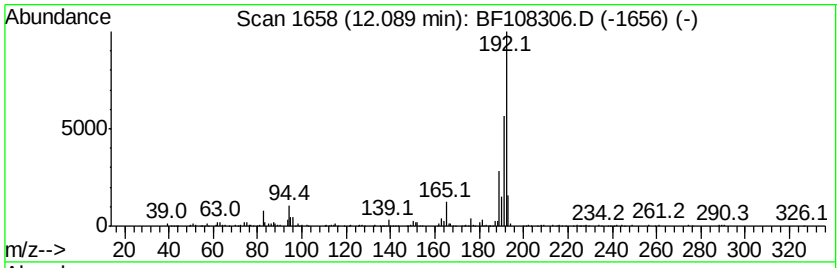
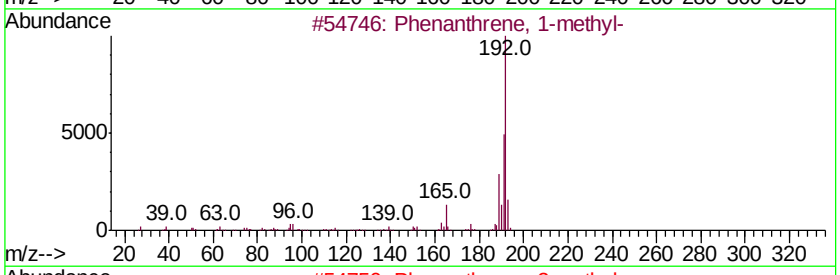
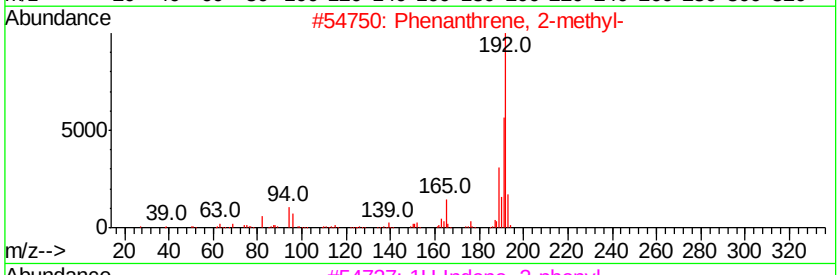
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 9

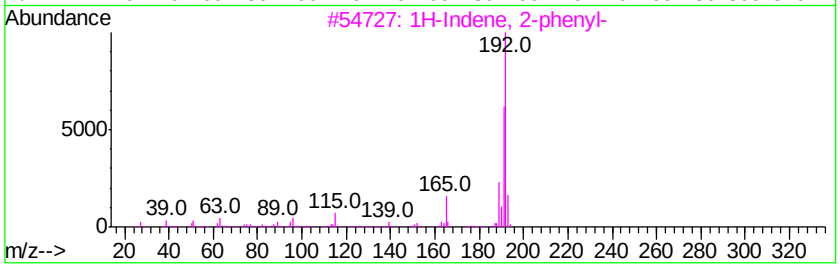
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	4.66 ng	249032	Phenanthrene-d10	11.56

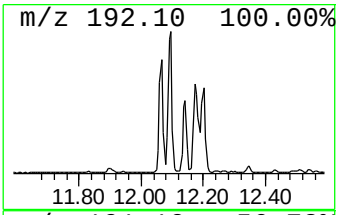
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93

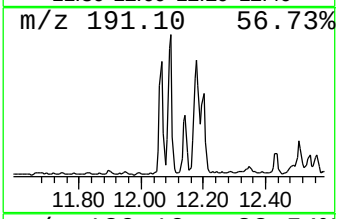


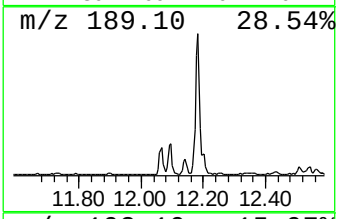


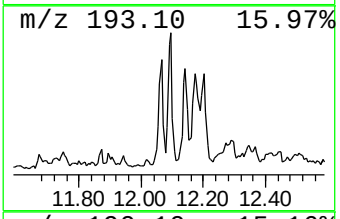


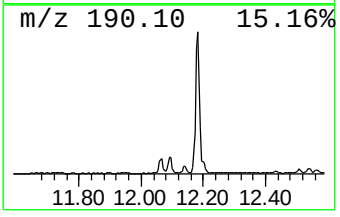












Library Search Compound Report

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Data File : BF108306.D
Acq On : 20 Aug 2018 22:34
Operator : JU/SJ
Sample : J4521-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11990

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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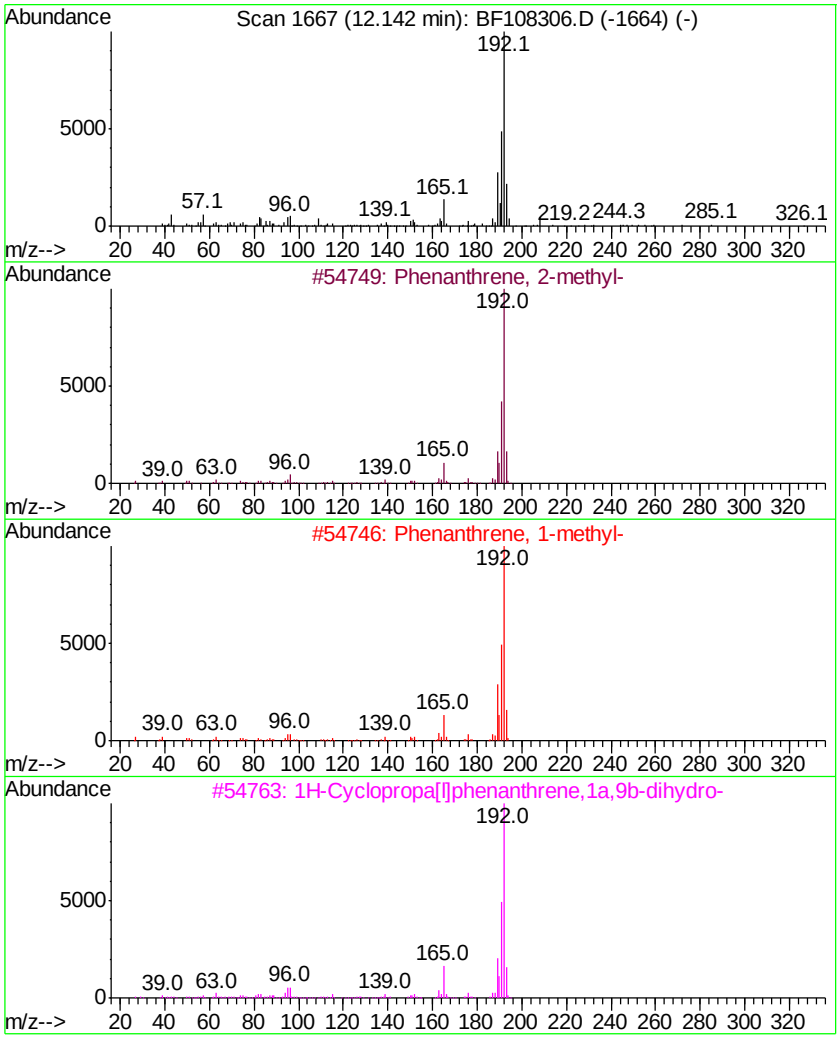
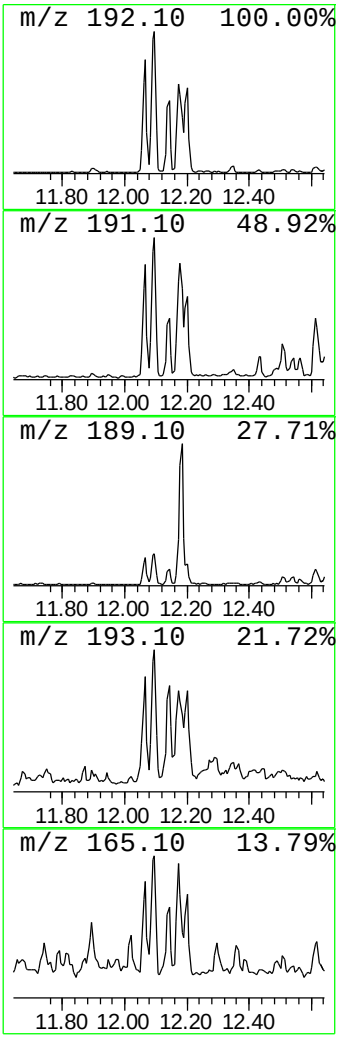
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.40 ng	128592	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Sample : J4521-16
Misc :
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Instrument : BNA_F
ClientSampleId : 72-11990

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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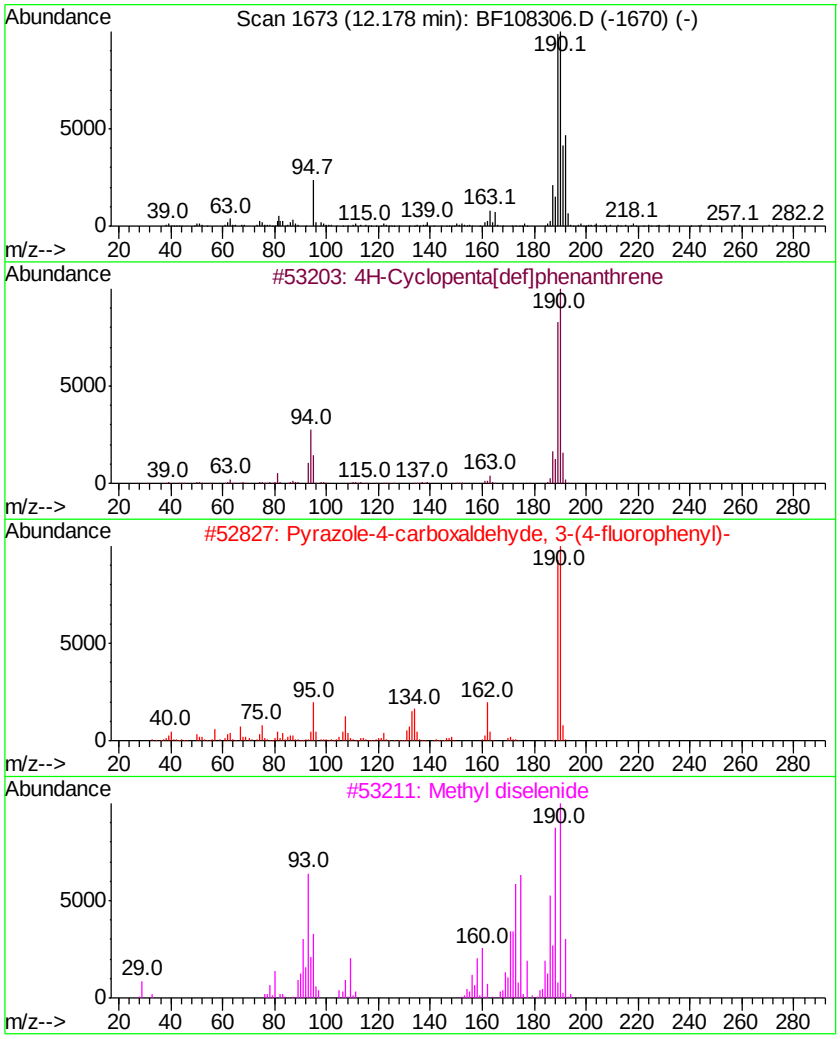
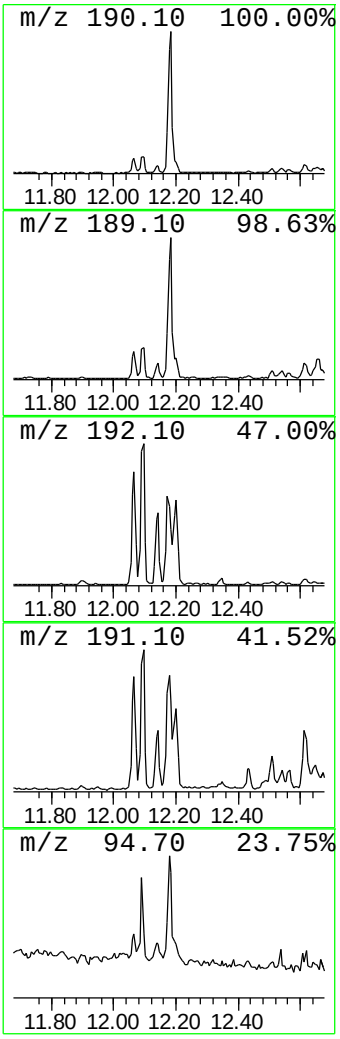
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	9.08 ng	485523	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	49
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	23





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Instrument : BNA_F
ClientSampleId : 72-11990

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

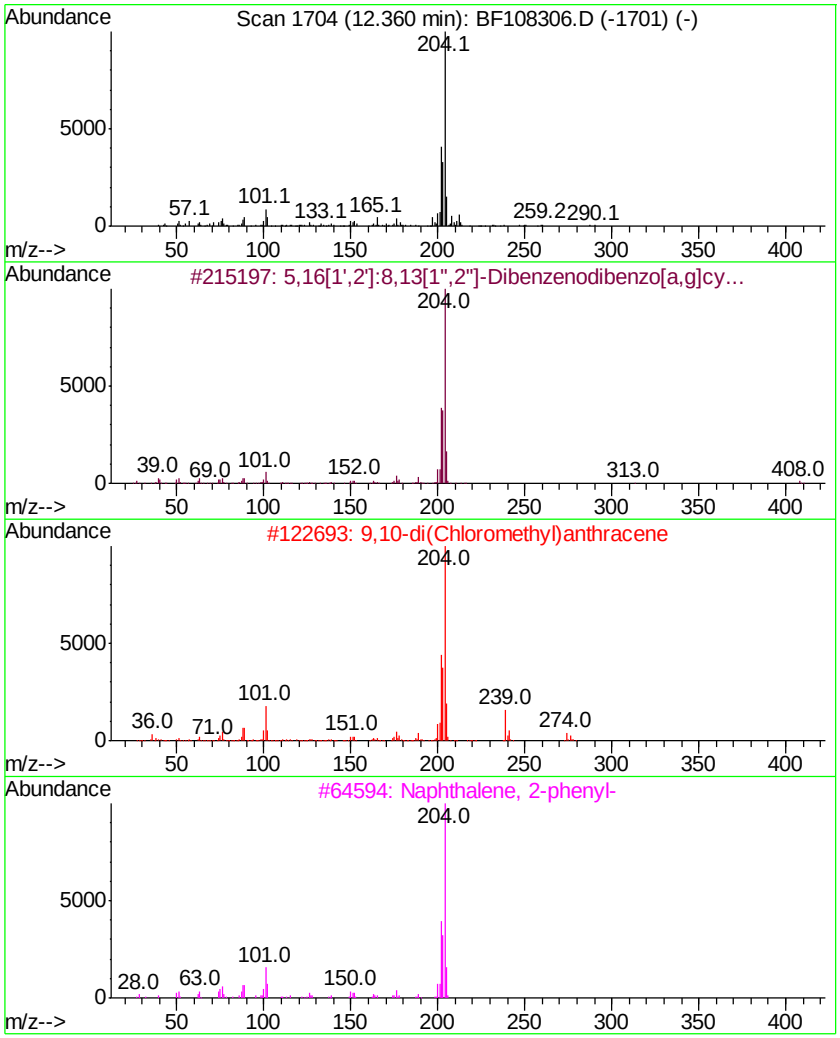
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

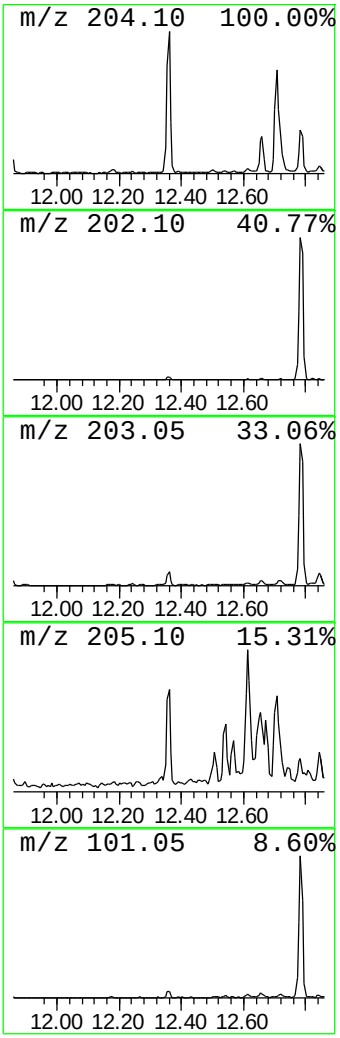
****

Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	2.72 ng	145315	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	78
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49





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ClientSampleId : 72-11990

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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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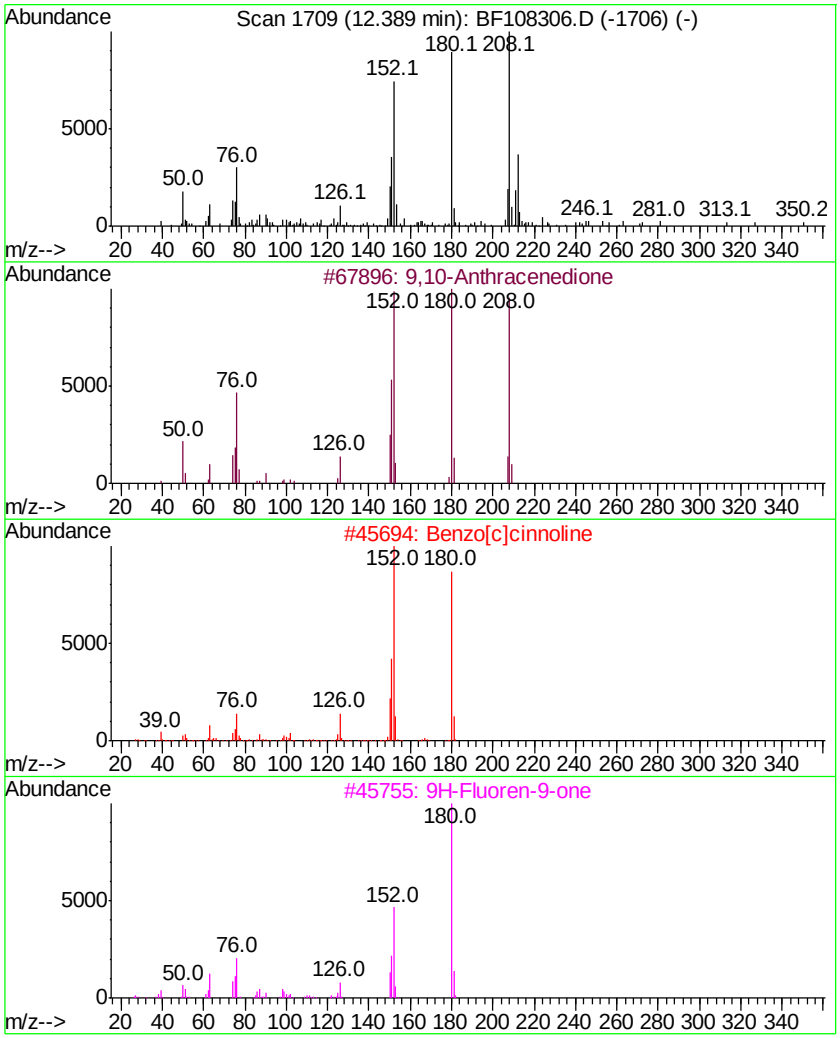
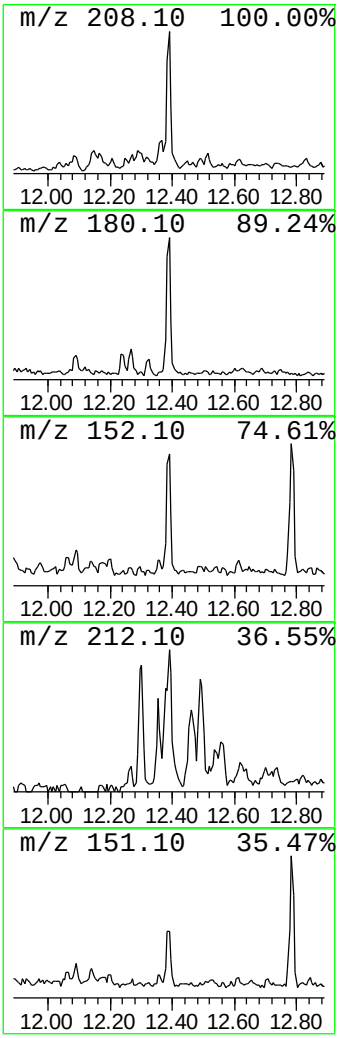
Peak Number 13 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.44 ng	130635	Phenanthrene-d10	11.56

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	78
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	Diphenic anhydride	224	C14H8O3	006050-13-1	49





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Sample : J4521-16
Misc :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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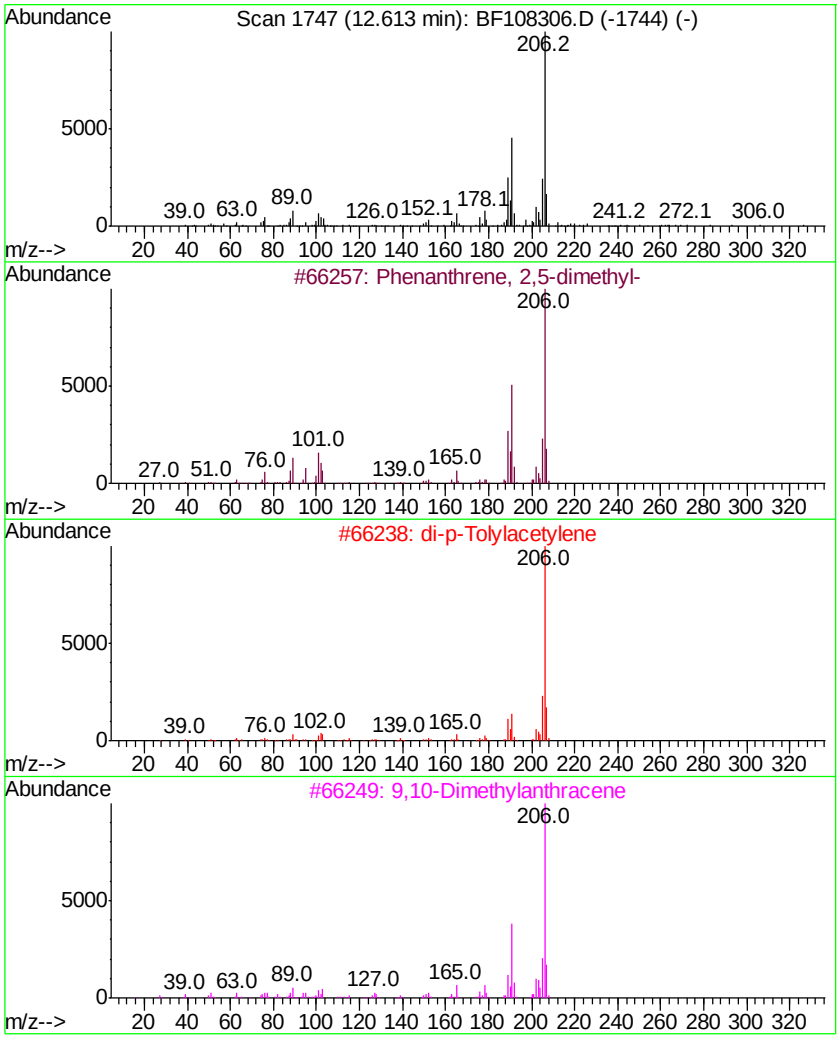
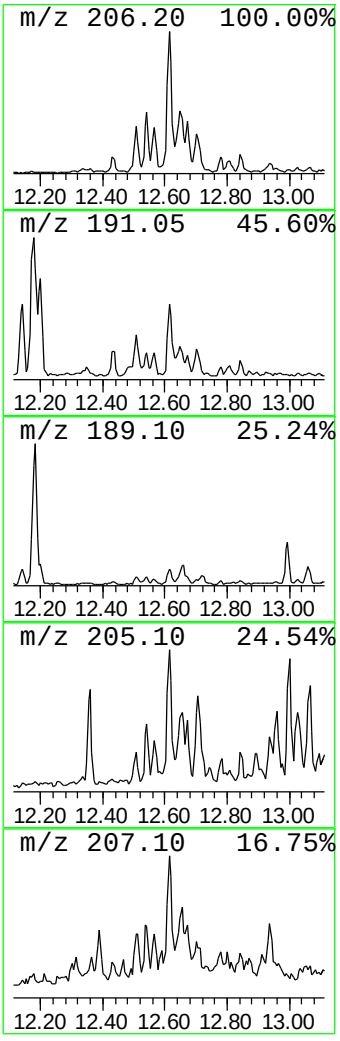
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	3.79 ng	202906	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Misc :
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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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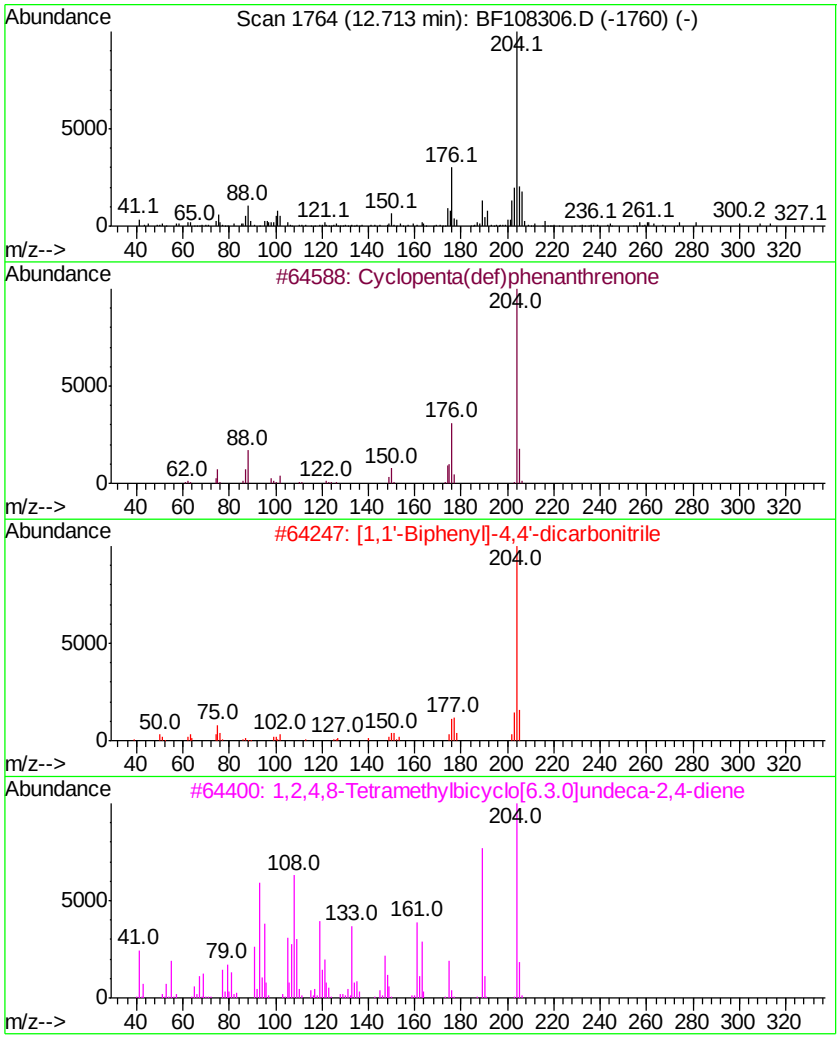
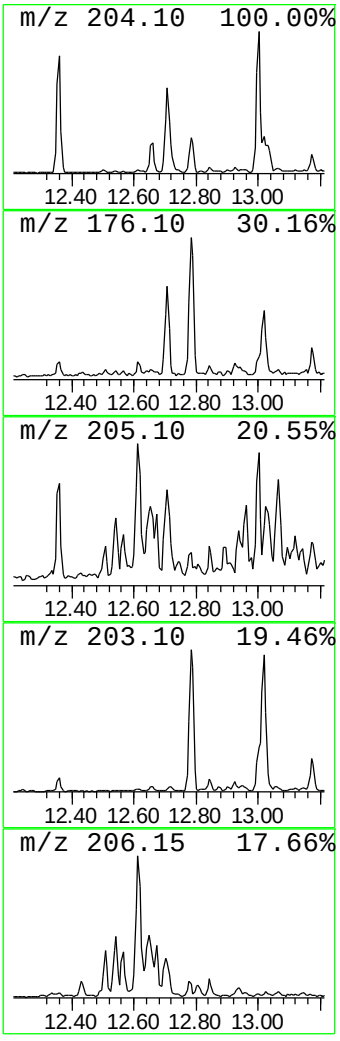
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.34 ng	178725	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
4	[1,1'-Biphenyl-3-ol], 6-chloro-	204	C12H9ClO	021345-13-1	43
5	1-[3-(3,3-Dimethyl-but-1-ynyl)-2...	219	C15H25N	1000275-17-2	43





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Misc :
ALS Vial : 18 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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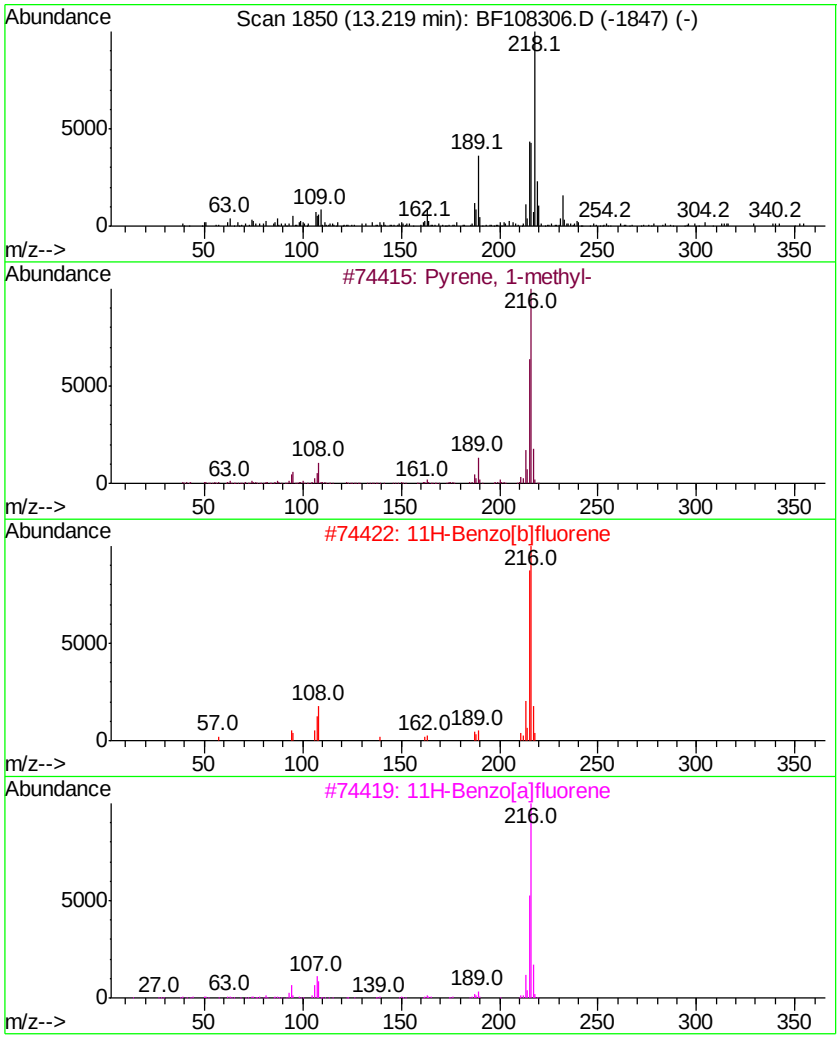
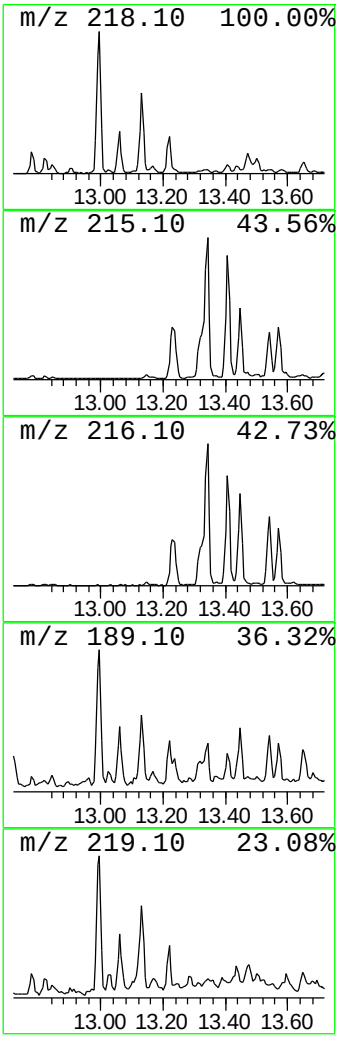
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.74 ng	290718	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	62
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	53





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Misc :
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Instrument : BNA_F
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TIC Integration Parameters: LSCINT.P

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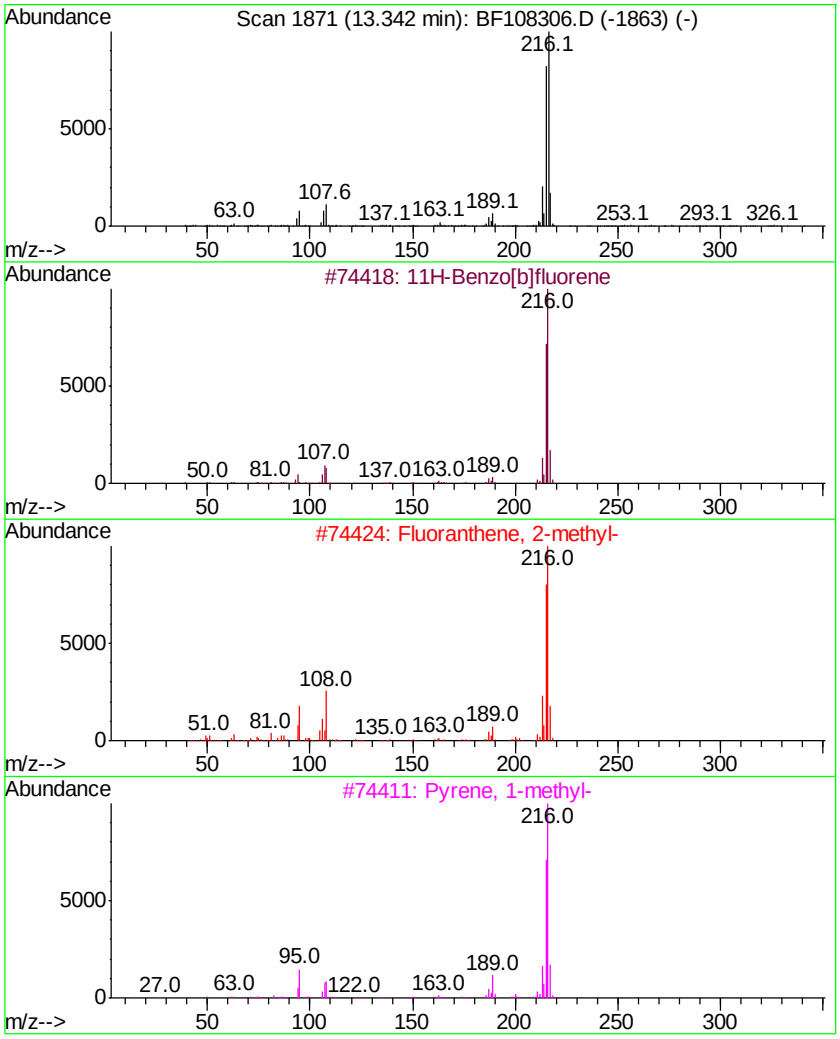
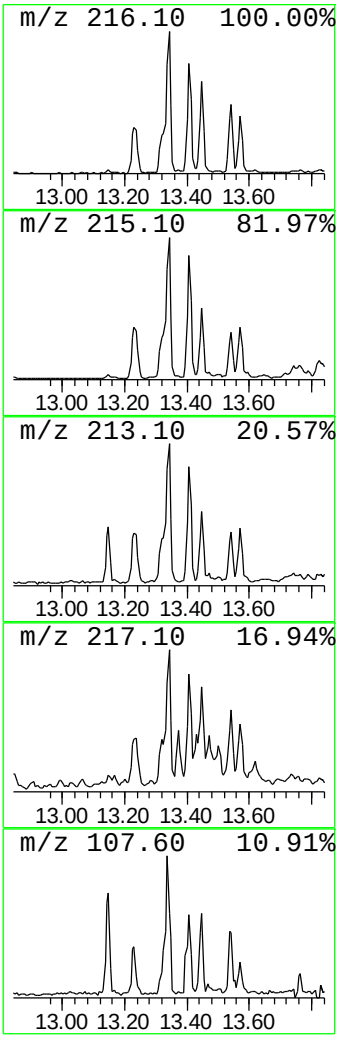
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	5.59 ng	593007	Chrysene-d12	14.22

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	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108306.D
Acq On : 20 Aug 2018 22:34
Operator : JU/SJ
Sample : J4521-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11990

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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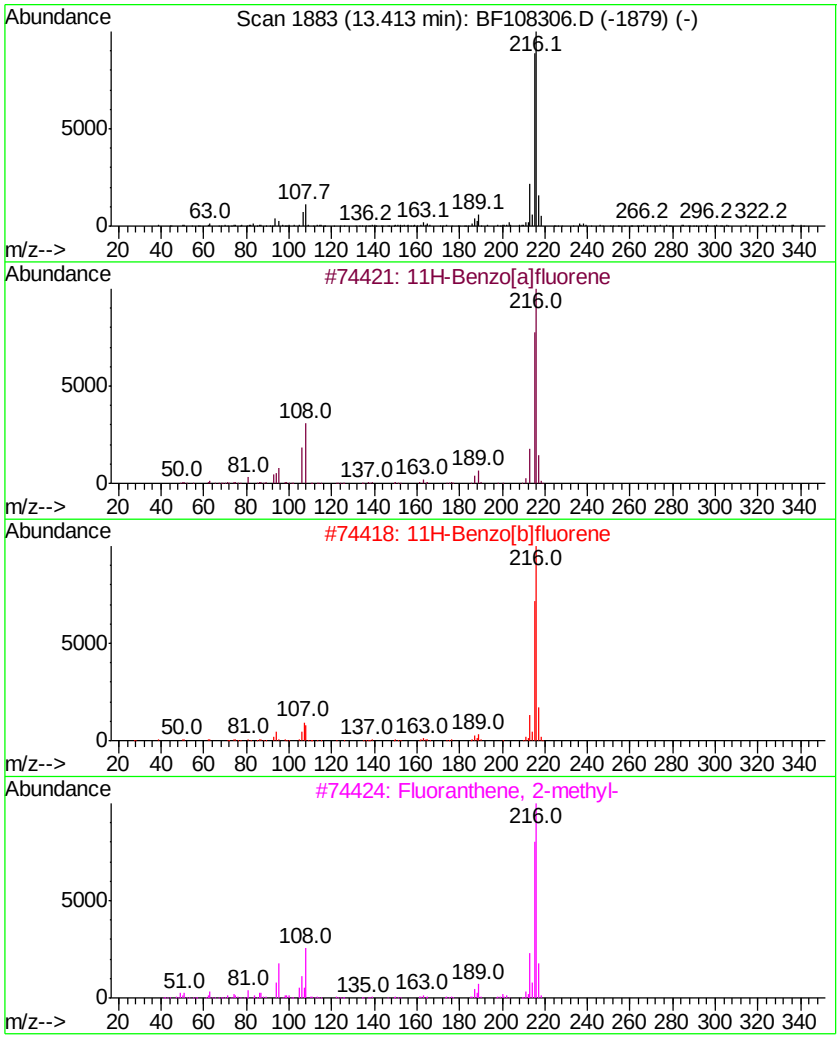
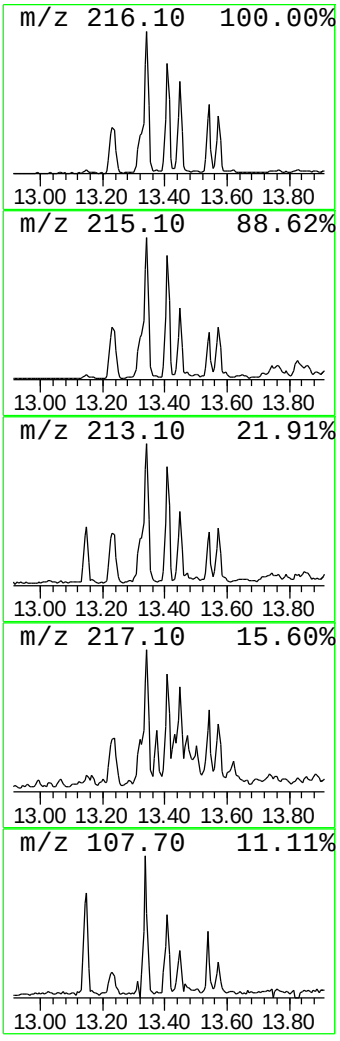
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.68 ng	284338	Chrysene-d12	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108306.D
Acq On : 20 Aug 2018 22:34
Operator : JU/SJ
Sample : J4521-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11990

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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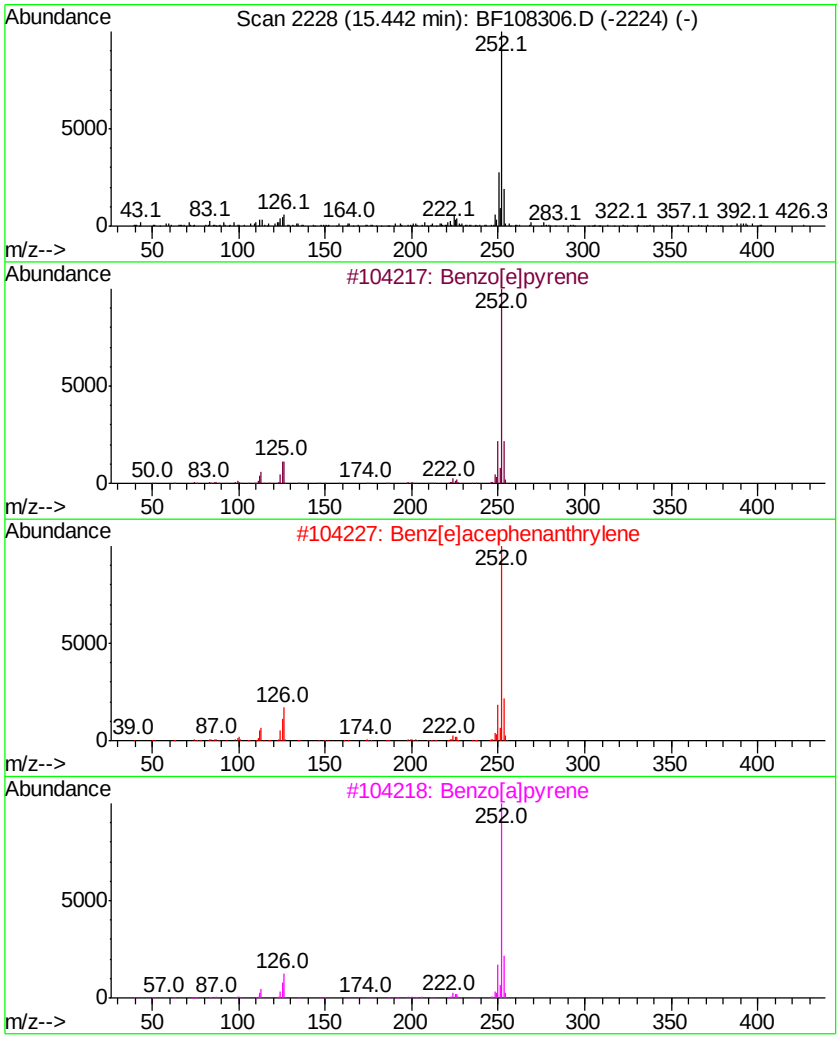
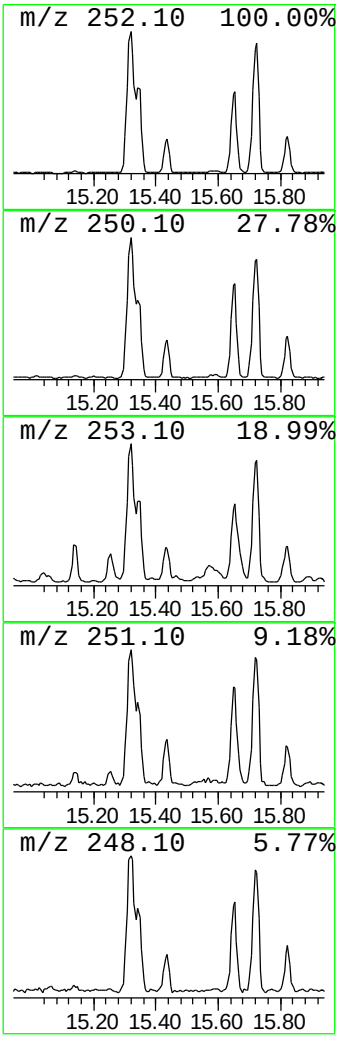
Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	5.21 ng	206854	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108306.D
Acq On : 20 Aug 2018 22:34
Operator : JU/SJ
Sample : J4521-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11990

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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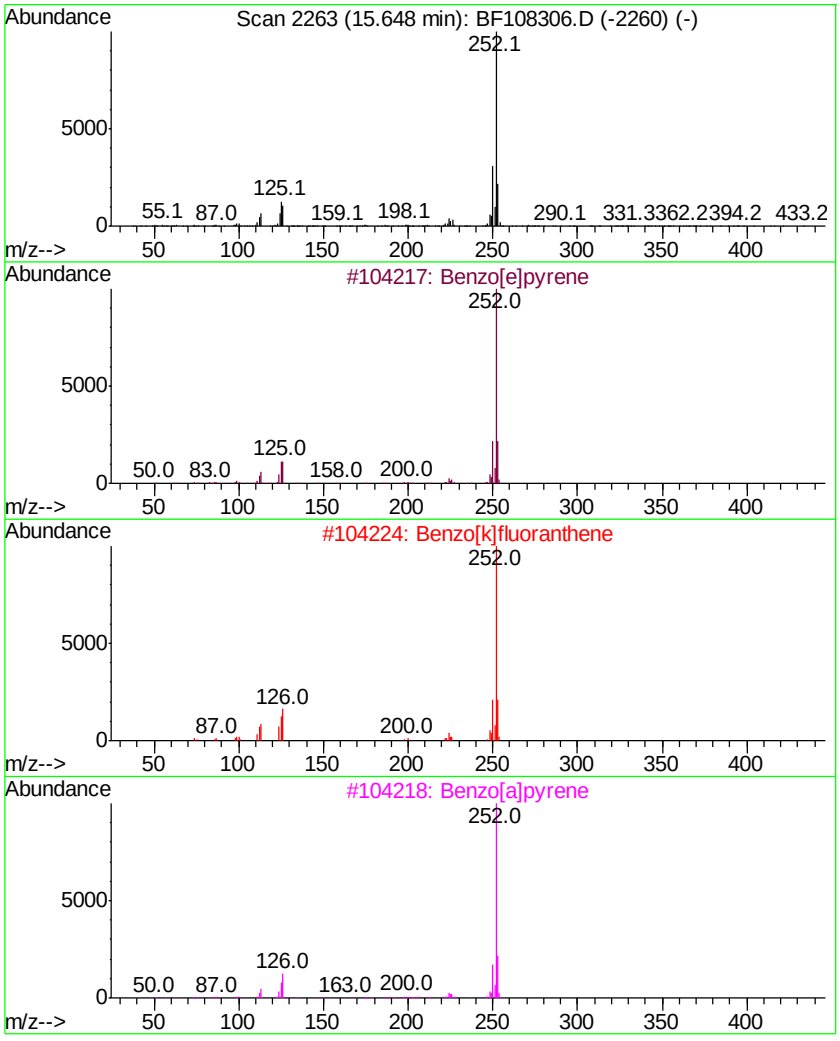
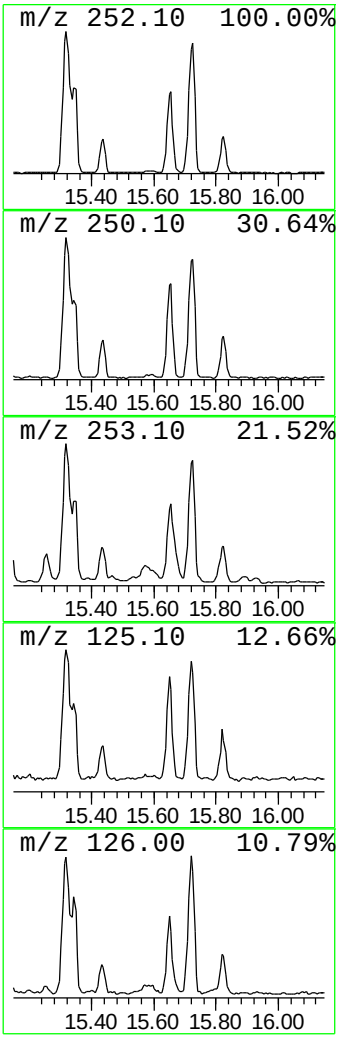
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	18.43 ng	731696	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082018\
Data File : BF108306.D
Acq On : 20 Aug 2018 22:34
Operator : JU/SJ
Sample : J4521-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 72-11990

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
Butane, 2-methoxy...	2.38	7.7	ng	393989	1	7.02	1021070	20.0
2-Pentanone, 4-hy...	5.27	3.0	ng	155766	1	7.02	1021070	20.0
unknown6.79	6.79	56.9	ng	2902800	1	7.02	1021070	20.0
Tridecane, 6-methyl-	10.69	3.8	ng	250459	3	10.07	1311470	20.0
Pentadecane, 2,6,...	10.96	7.9	ng	423968	4	11.56	1069830	20.0
Undecane, 2-methyl-	11.42	4.5	ng	239564	4	11.56	1069830	20.0
Phenanthrene, 1-m...	12.07	3.3	ng	174681	4	11.56	1069830	20.0
Phenanthrene, 2-m...	12.09	4.7	ng	249032	4	11.56	1069830	20.0
1H-Cyclopropa[l]p...	12.14	2.4	ng	128592	4	11.56	1069830	20.0
4H-Cyclopenta[def...	12.18	9.1	ng	485523	4	11.56	1069830	20.0
5,16[1',2']:8,13[...	12.36	2.7	ng	145315	4	11.56	1069830	20.0
9,10-Anthracenedione	12.39	2.4	ng	130635	4	11.56	1069830	20.0
Phenanthrene, 2,5...	12.61	3.8	ng	202906	4	11.56	1069830	20.0
Cyclopenta(def)ph...	12.71	3.3	ng	178725	4	11.56	1069830	20.0
Pyrene, 1-methyl-	13.22	2.7	ng	290718	5	14.22	2122250	20.0
11H-Benzo[b]fluorene	13.34	5.6	ng	593007	5	14.22	2122250	20.0
11H-Benzo[a]fluorene	13.41	2.7	ng	284338	5	14.22	2122250	20.0
Benzo[e]pyrene	15.44	5.2	ng	206854	6	15.79	794000	20.0
Perylene	15.65	18.4	ng	731696	6	15.79	794000	20.0