LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115964.D
Acq On : 2 Aug 2019 23:11
Operator : HP/JU
Sample : K4093-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-080119

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-BF073019.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	5.469	571	575	596	rBV	261533	349981	22.40%	1.499%
2	6.481	743	747	767	rBV	311524	397472	25.44%	1.702%
3	6.622	767	771	781	rVV	432631	407175	26.06%	1.744%
4	6.851	806	810	820	rBV	692062	605753	38.77%	2.594%
5	7.004	833	836	848	rBV	337015	331842	21.24%	1.421%
6	7.410	902	905	919	rBV	185680	234523	15.01%	1.004%
7	8.134	1024	1028	1035	rBV	836153	766169	49.04%	3.281%
8	8.728	1126	1129	1134	rBV	22907	22008	1.41%	0.094%
9	8.957	1163	1168	1175	rBV2	18595	30149	1.93%	0.129%
10	9.210	1207	1211	1221	rBV	528526	506025	32.39%	2.167%
11	9.292	1222	1225	1229	rVV	47694	44070	2.82%	0.189%
12	9.328	1229	1231	1235	rVB2	16866	17562	1.12%	0.075%
13	9.481	1253	1257	1261	rBV3	20562	30828	1.97%	0.132%
14	9.551	1266	1269	1271	rVV	41776	40899	2.62%	0.175%
15	9.604	1275	1278	1282	rVV2	69720	91134	5.83%	0.390%
16	9.669	1286	1289	1294	rVB2	25520	29518	1.89%	0.126%
17	9.751	1300	1303	1308	rBV	52262	55811	3.57%	0.239%
18	9.822	1313	1315	1320	rVB	69746	56720	3.63%	0.243%
19	9.892	1323	1327	1330	rVV	1136790	965808	61.81%	4.136%
20	9.922	1330	1332	1337	rVB	99452	93410	5.98%	0.400%
21	9.998	1342	1345	1350	rBV6	16848	24091	1.54%	0.103%
22	10.051	1350	1354	1357	rBV4	16443	23698	1.52%	0.101%
23	10.098	1357	1362	1366	rVV2	61387	77107	4.93%	0.330%
24	10.139	1366	1369	1373	rVB3	24607	36790	2.35%	0.158%
25	10.210	1378	1381	1384	rBV2	25620	29484	1.89%	0.126%
26	10.298	1393	1396	1398	rBV2	16824	20769	1.33%	0.089%
27	10.322	1398	1400	1403	rVV	105071	77709	4.97%	0.333%
28	10.439	1416	1420	1426	rBV2	145474	155268	9.94%	0.665%
29	10.528	1433	1435	1436	rBV	21792	18803	1.20%	0.081%
30	10.545	1436	1438	1443	rVV2	38650	38891	2.49%	0.167%
31	10.598	1444	1447	1450	rVB2	42131	40571	2.60%	0.174%
32	10.680	1455	1461	1468	rBV	321550	380915	24.38%	1.631%
33	10.798	1477	1481	1489	rVB2	108825	160597	10.28%	0.688%
34	10.992	1509	1514	1516	rBV2	51755	66883	4.28%	0.286%

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Misc :
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Instrument : BNA_F
ClientSampleId : PL-02-080119

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.016	1516	1518	1521	rVV2	41559	43814	2.80%	0.188%
36	11.075	1525	1528	1531	rVV2	27263	30697	1.96%	0.131%
37	11.116	1531	1535	1537	rVV3	33766	43071	2.76%	0.184%
38	11.139	1537	1539	1545	rVV3	39178	47664	3.05%	0.204%
39	11.186	1545	1547	1550	rVV2	30819	30115	1.93%	0.129%
40	11.239	1551	1556	1559	rVV2	104740	128823	8.24%	0.552%
41	11.275	1559	1562	1568	rVB	127848	130814	8.37%	0.560%
42	11.380	1576	1580	1582	rBV	1215045	1107451	70.88%	4.742%
43	11.404	1582	1584	1588	rVV	1142909	913502	58.47%	3.912%
44	11.457	1590	1593	1596	rVV	304340	287374	18.39%	1.231%
45	11.492	1596	1599	1601	rVV2	39364	46516	2.98%	0.199%
46	11.551	1605	1609	1613	rVB6	20165	31827	2.04%	0.136%
47	11.616	1616	1620	1627	rVV2	43828	83380	5.34%	0.357%
48	11.669	1627	1629	1632	rVV2	123670	103122	6.60%	0.442%
49	11.716	1634	1637	1642	rVB2	36372	49125	3.14%	0.210%
50	11.769	1643	1646	1649	rBV	257008	199639	12.78%	0.855%
51	11.792	1649	1650	1653	rVB	26652	18014	1.15%	0.077%
52	11.880	1662	1665	1667	rBV	156127	139513	8.93%	0.597%
53	11.910	1667	1670	1675	rVV	227354	218302	13.97%	0.935%
54	11.957	1675	1678	1681	rVV	77169	75477	4.83%	0.323%
55	11.992	1681	1684	1687	rVV	310797	334920	21.44%	1.434%
56	12.016	1687	1688	1693	rVB	111693	71100	4.55%	0.304%
57	12.074	1693	1698	1702	rBV	95681	105872	6.78%	0.453%
58	12.116	1702	1705	1707	rVB2	27292	19126	1.22%	0.082%
59	12.174	1712	1715	1718	rBV	115469	104402	6.68%	0.447%
60	12.210	1718	1721	1723	rVB	36292	36750	2.35%	0.157%
61	12.310	1735	1738	1739	rBV2	24239	25618	1.64%	0.110%
62	12.327	1739	1741	1743	rVB	41046	31749	2.03%	0.136%
63	12.357	1743	1746	1748	rBV	69984	57317	3.67%	0.245%
64	12.380	1748	1750	1753	rVB2	41118	32361	2.07%	0.139%
65	12.427	1755	1758	1760	rBV	111448	124944	8.00%	0.535%
66	12.451	1760	1762	1764	rVV	594041	603916	38.65%	2.586%
67	12.474	1764	1766	1771	rVV	1032918	885848	56.70%	3.793%
68	12.516	1771	1773	1778	rVB2	75421	87261	5.58%	0.374%
69	12.557	1778	1780	1783	rBV2	99363	88705	5.68%	0.380%
70	12.592	1783	1786	1790	rBV	1573609	1459780	93.43%	6.251%
71	12.639	1791	1794	1795	rVV	24509	20339	1.30%	0.087%

LSC Area Percent Report

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Sample : K4093-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : PL-02-080119

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.657	1795	1797	1800	rVB2	39939	33287	2.13%	0.143%
73	12.686	1800	1802	1805	rBV2	36344	37585	2.41%	0.161%
74	12.745	1809	1812	1815	rVB2	59906	54895	3.51%	0.235%
75	12.821	1819	1825	1831	rBV	1340861	1545725	98.93%	6.619%
76	12.874	1831	1834	1839	rVB2	71340	88862	5.69%	0.381%
77	12.957	1842	1848	1851	rBV2	617201	638801	40.88%	2.736%
78	13.045	1858	1863	1866	rBV2	98855	169391	10.84%	0.725%
79	13.127	1874	1877	1878	rBV3	83260	84830	5.43%	0.363%
80	13.151	1878	1881	1884	rVB	271485	246306	15.76%	1.055%
81	13.192	1885	1888	1890	rBV2	75575	81373	5.21%	0.348%
82	13.216	1890	1892	1895	rVB	210320	179323	11.48%	0.768%
83	13.257	1895	1899	1902	rBV2	145864	169571	10.85%	0.726%
84	13.345	1912	1914	1917	rBV	77212	64341	4.12%	0.276%
85	13.380	1917	1920	1923	rBV	86232	90271	5.78%	0.387%
86	13.533	1943	1946	1948	rBV2	81792	97945	6.27%	0.419%
87	13.663	1966	1968	1972	rVB	66167	62834	4.02%	0.269%
88	13.768	1984	1986	1989	rBV	93694	90233	5.78%	0.386%
89	13.798	1989	1991	1993	rVB	86687	62658	4.01%	0.268%
90	13.821	1993	1995	2000	rBV2	84205	154730	9.90%	0.663%
91	14.021	2024	2029	2031	rBV2	1163785	1562472	100.00%	6.691%
92	14.045	2031	2033	2041	rVB	627666	623661	39.92%	2.671%
93	14.127	2045	2047	2050	rVB	102231	79787	5.11%	0.342%
94	14.174	2053	2055	2060	rVV4	72351	74472	4.77%	0.319%
95	14.410	2093	2095	2097	rVB	141536	104097	6.66%	0.446%
96	14.533	2114	2116	2118	rBV	88253	73125	4.68%	0.313%
97	15.068	2203	2207	2210	rBV	528559	851388	54.49%	3.646%
98	15.368	2255	2258	2264	rVB	318765	389044	24.90%	1.666%
99	15.433	2265	2269	2275	rBV	501672	657738	42.10%	2.817%
100	15.498	2276	2280	2284	rBV	725019	936611	59.94%	4.011%

Sum of corrected areas: 23352037

LSC Report - Integrated Chromatogram

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Data File : BF115964.D
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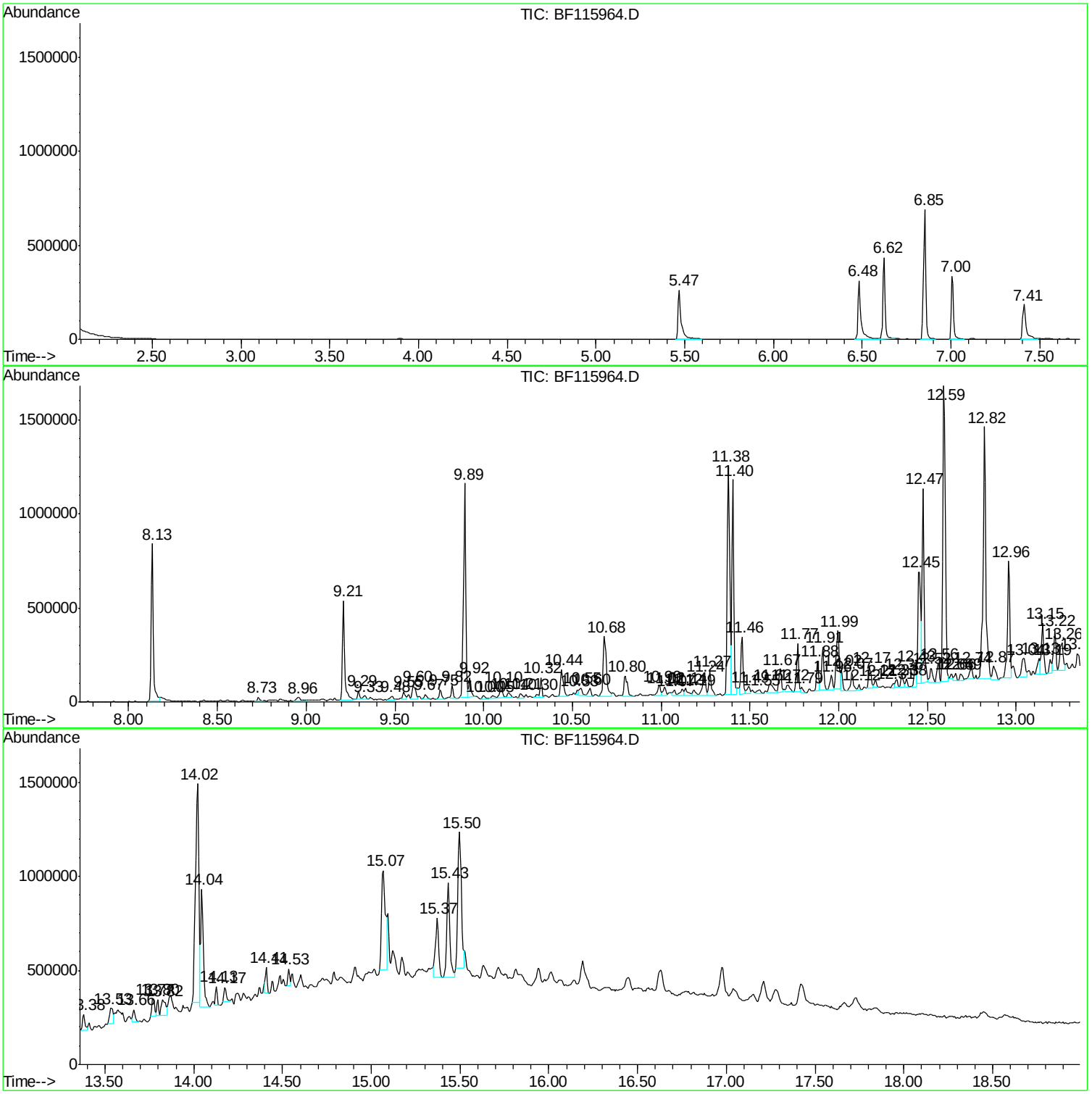
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-080119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF080219\
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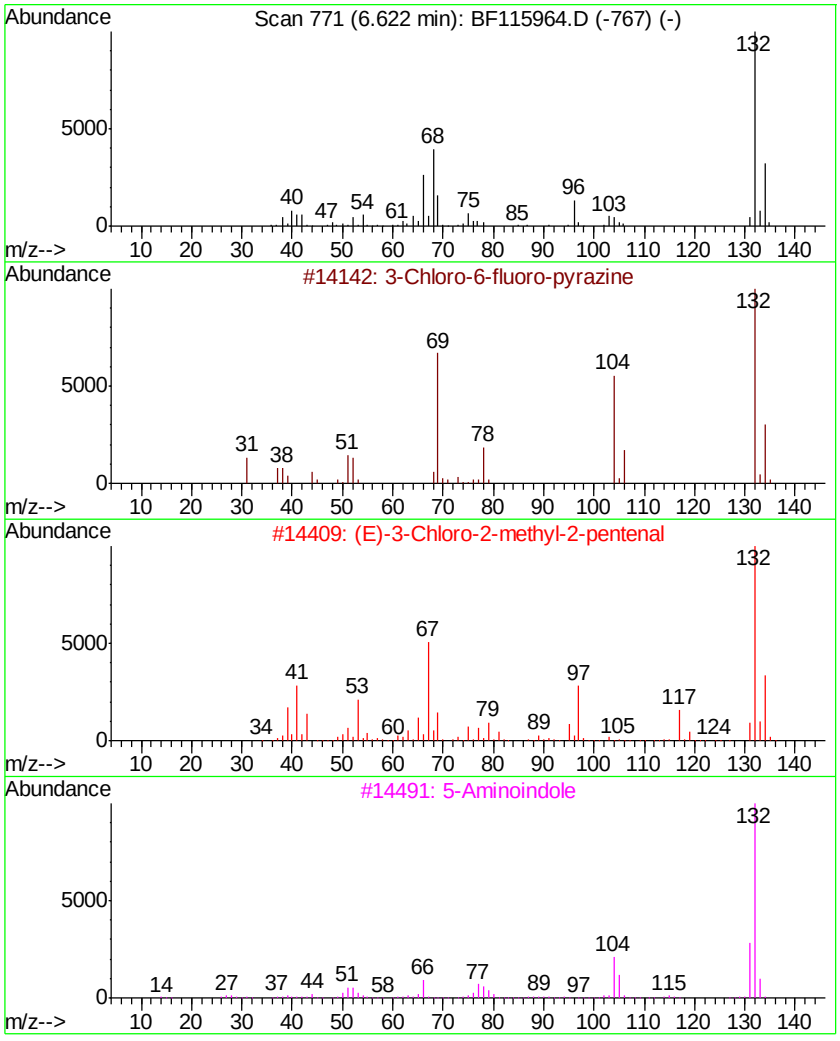
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

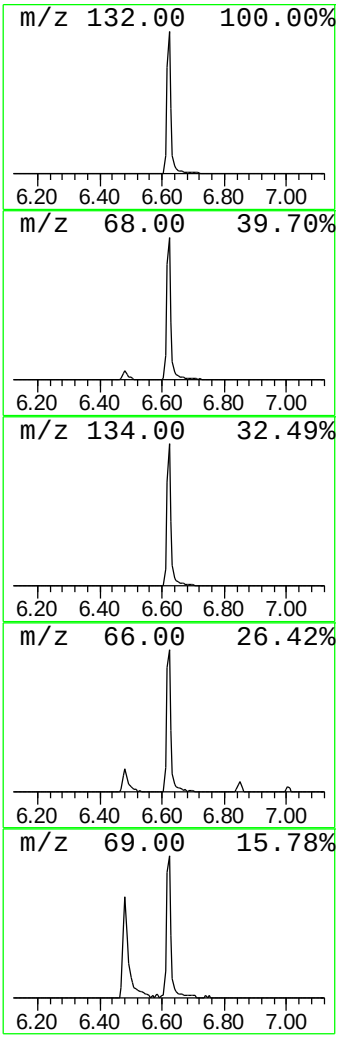
****

Peak Number 1 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	13.44 ng	407175	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : PL-02-080119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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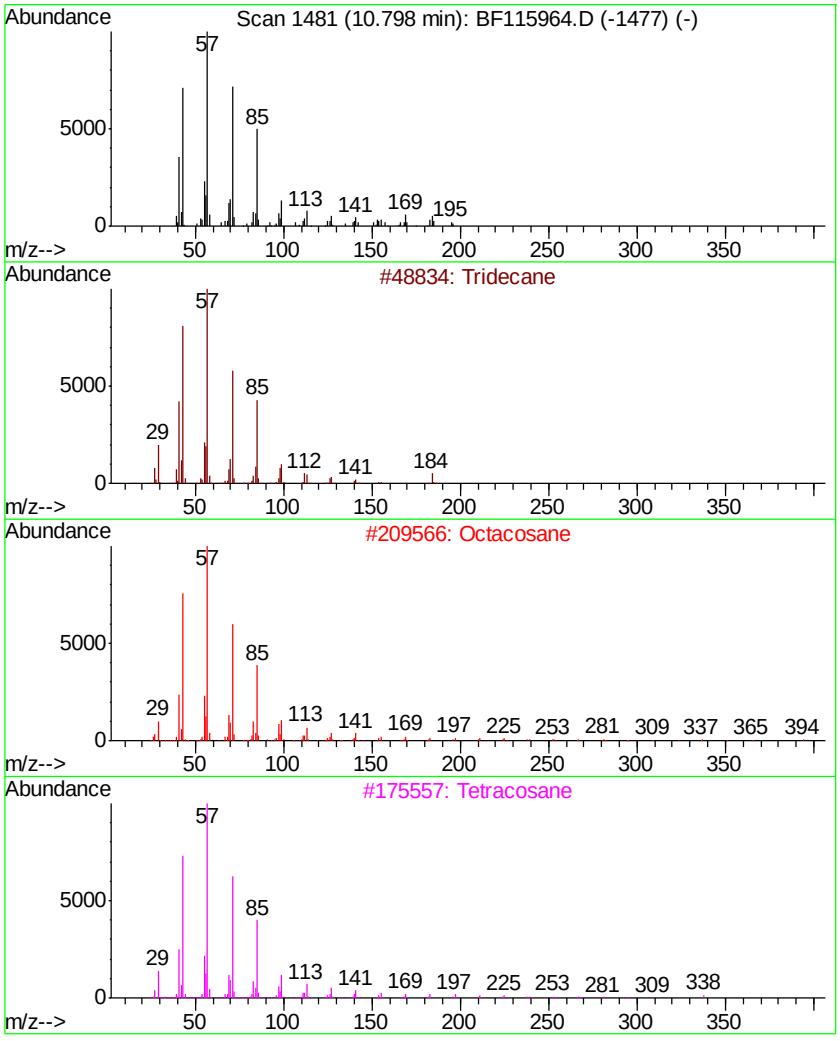
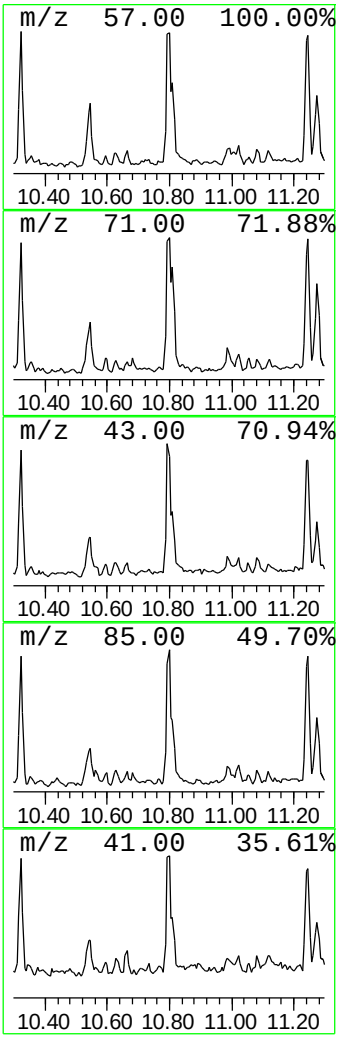
Peak Number 3 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.90 ng	160597	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Octacosane	394	C28H58	000630-02-4	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Hexadecane	226	C16H34	000544-76-3	80





Library Search Compound Report

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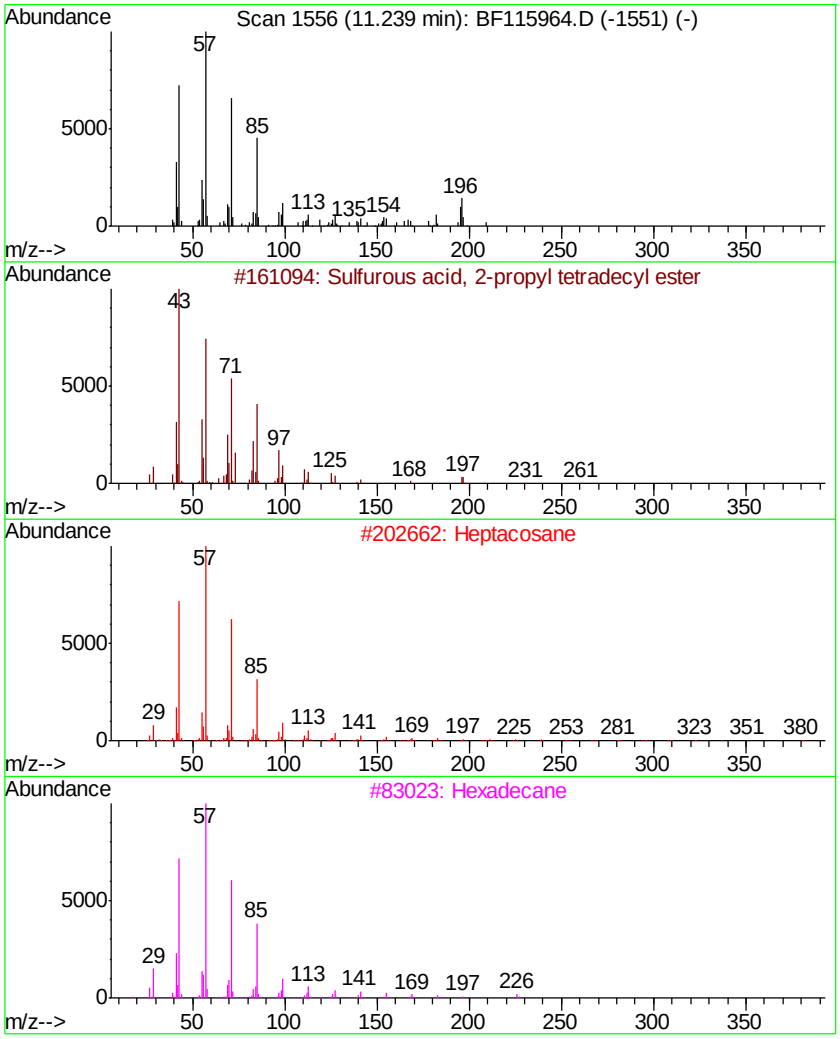
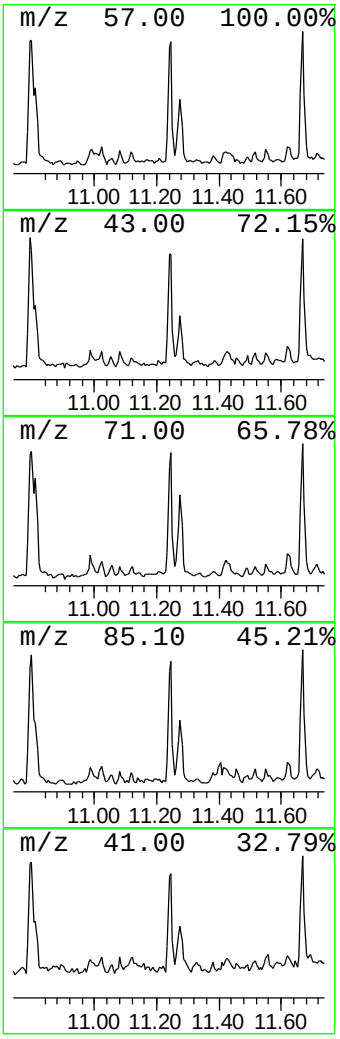
Peak Number 4 Sulfurous acid, 2-propyl te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	2.33 ng	128823	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72
2	Heptacosane	380	C27H56	000593-49-7	68
3	Hexadecane	226	C16H34	000544-76-3	68
4	Heptadecane	240	C17H36	000629-78-7	68
5	Tetradecane	198	C14H30	000629-59-4	68





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Instrument : BNA_F
ClientSampleId : PL-02-080119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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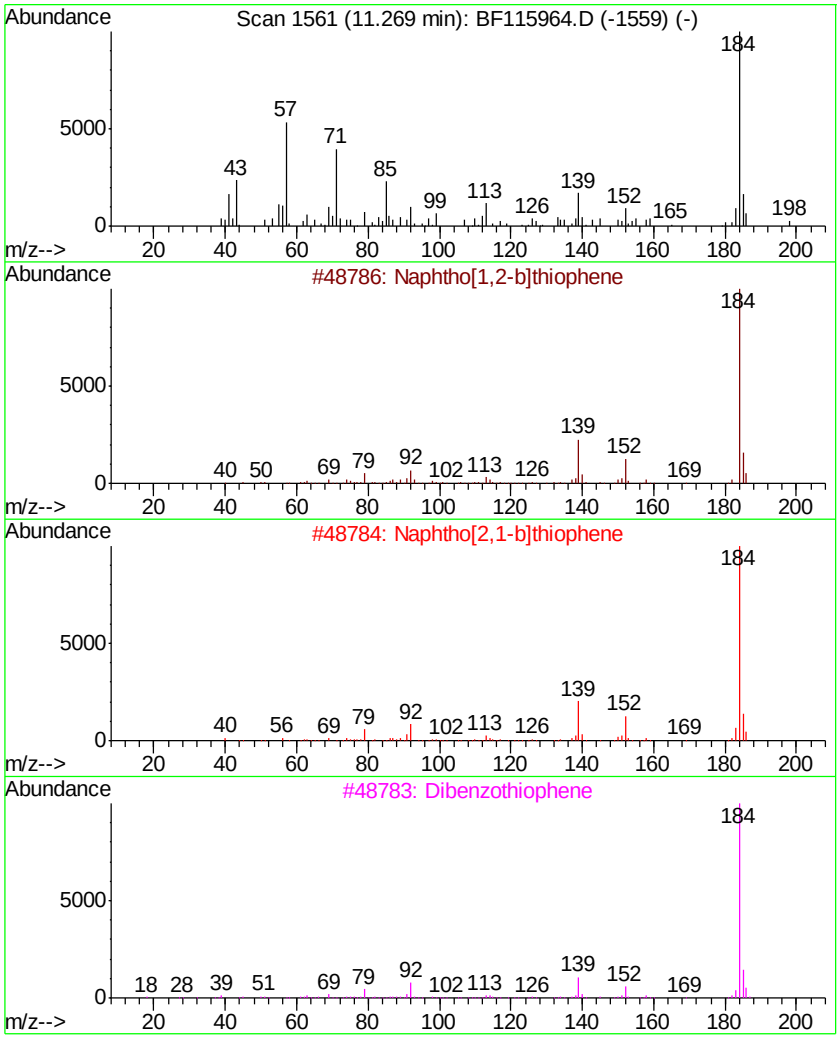
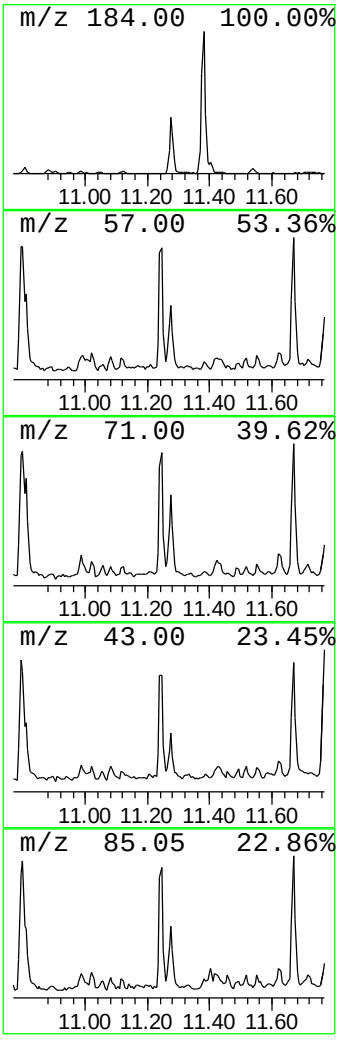
Peak Number 5 Naphtho[1,2-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.36 ng	130814	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	81
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115964.D
Acq On : 2 Aug 2019 23:11
Operator : HP/JU
Sample : K4093-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-080119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

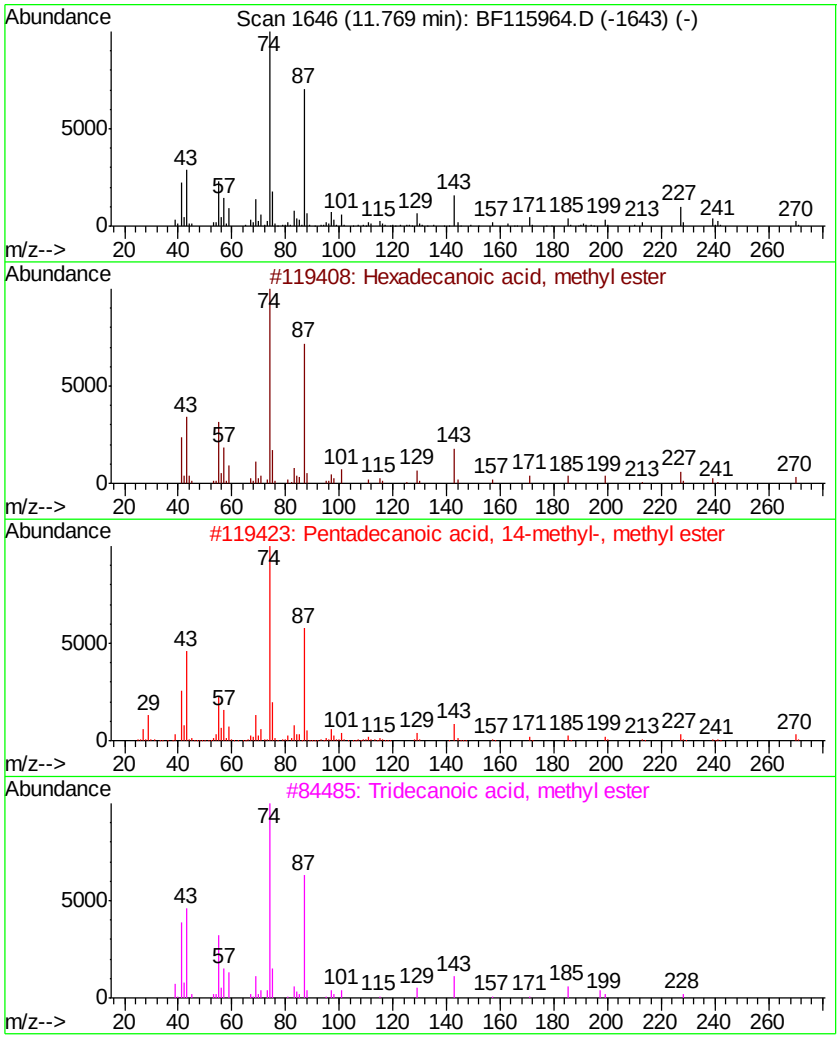
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

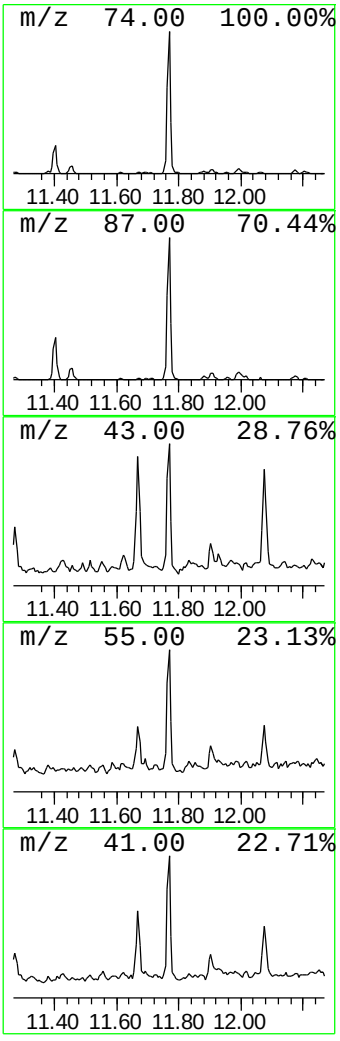
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.61 ng	199639	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Operator : HP/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : PL-02-080119

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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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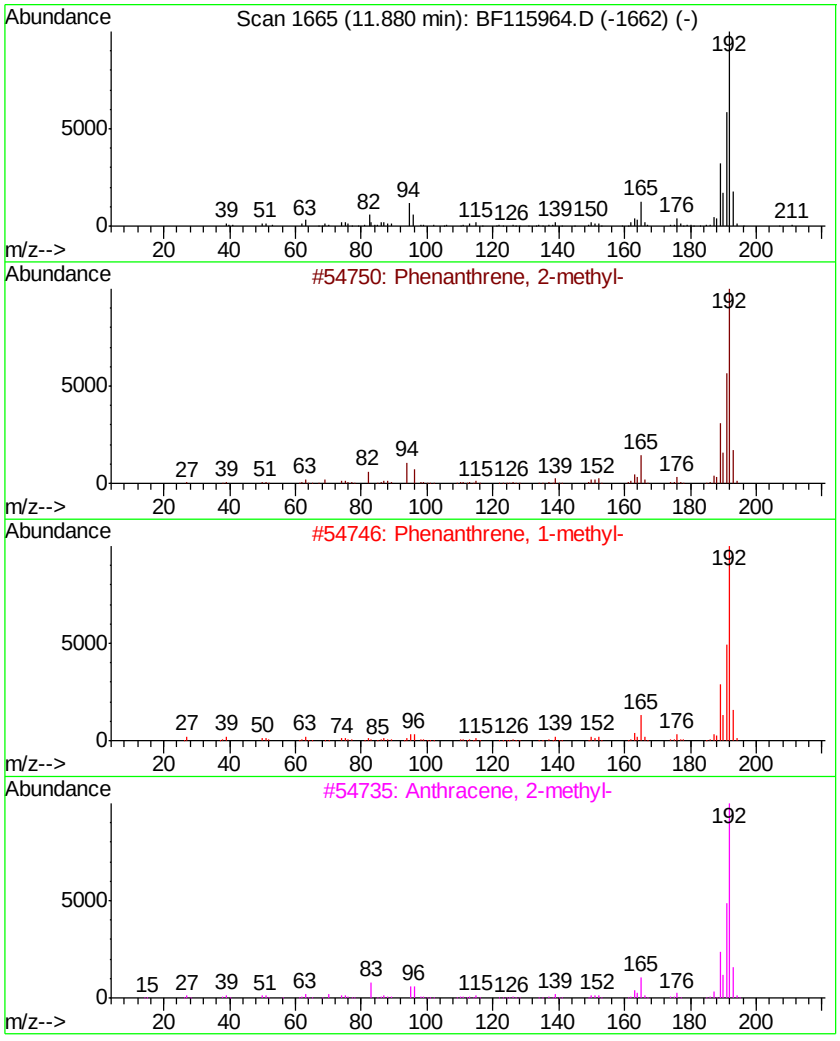
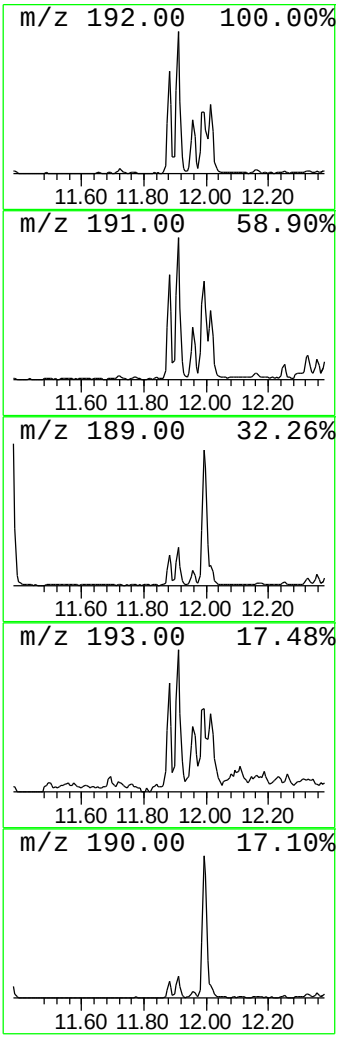
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.52 ng	139513	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95





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ClientSampleId : PL-02-080119

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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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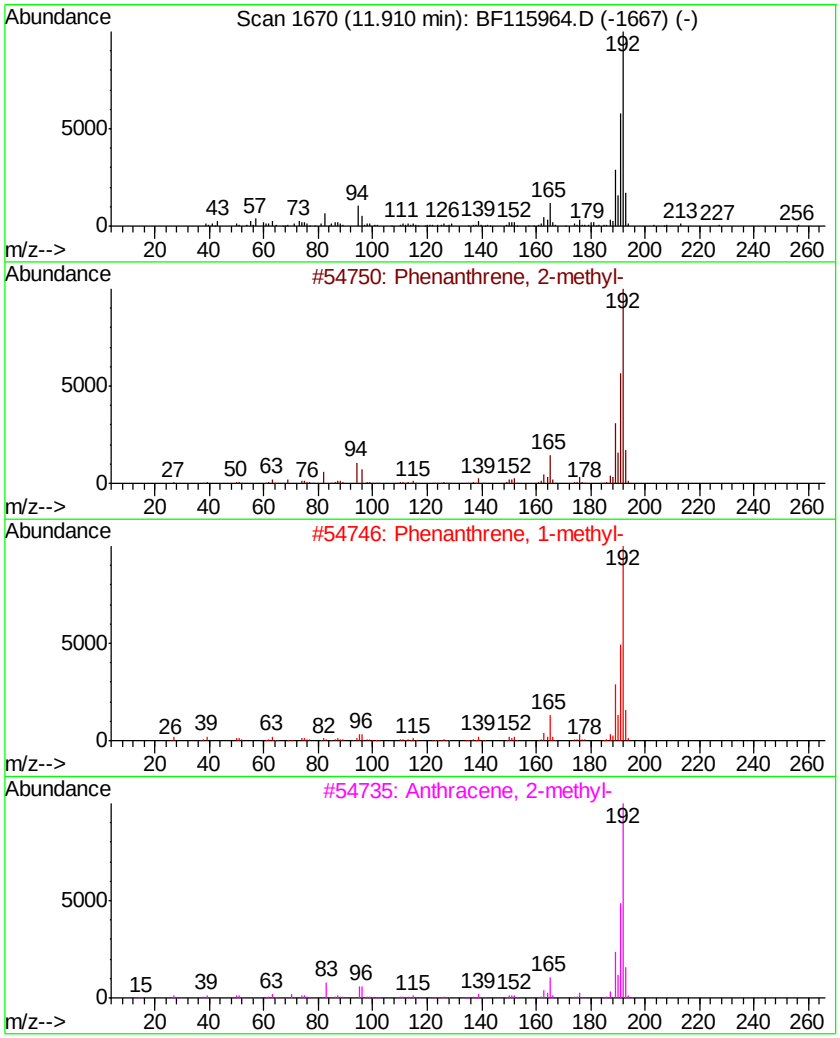
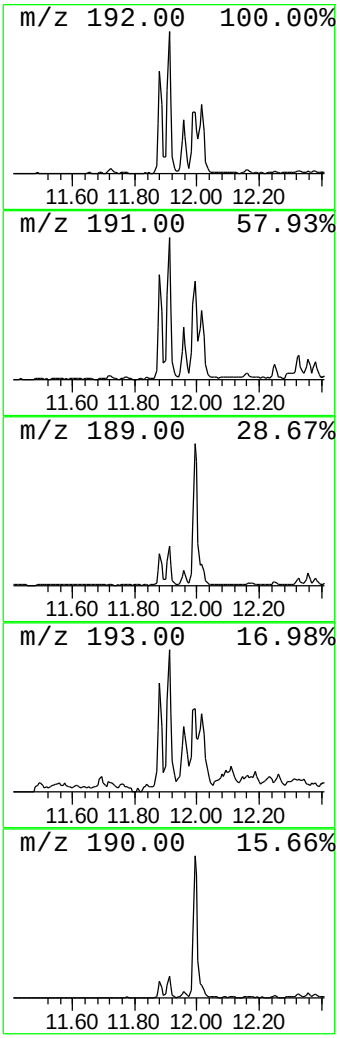
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	3.94 ng	218302	Phenanthrene-d10	11.38

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, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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ClientSampleId : PL-02-080119

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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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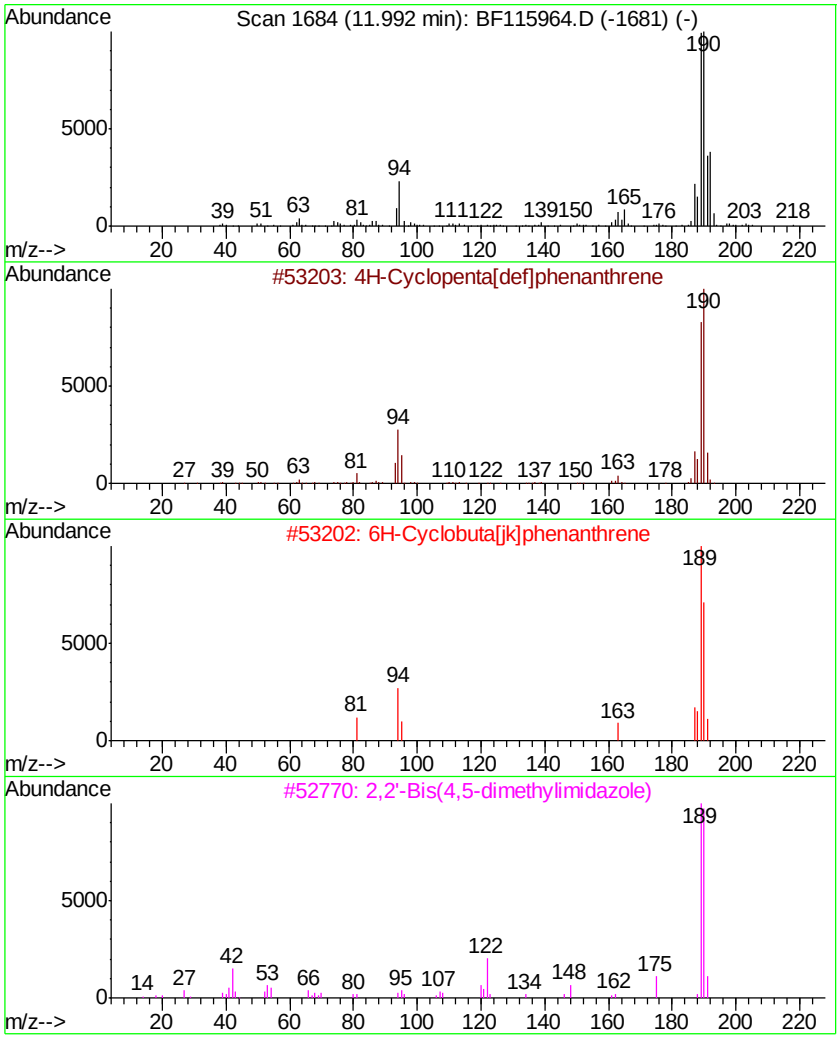
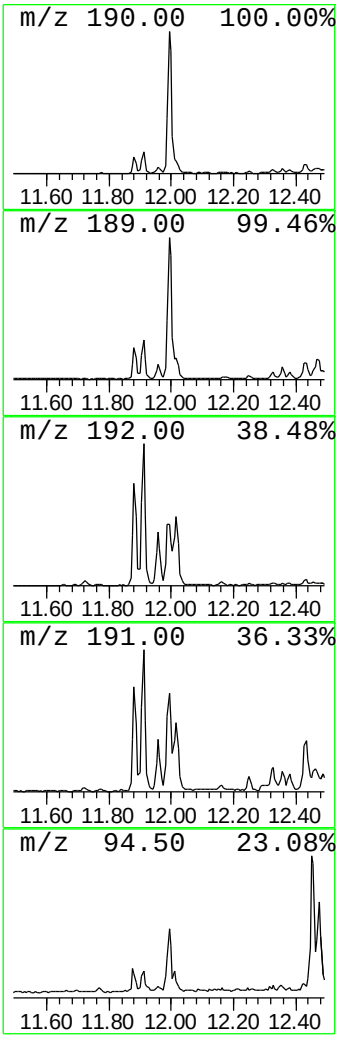
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	6.05 ng	334920	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	14
5	5-Thiazolecarboxamide, 4-amino-2...	189	C5H7N3OS2	1000338-08-9	10





Library Search Compound Report

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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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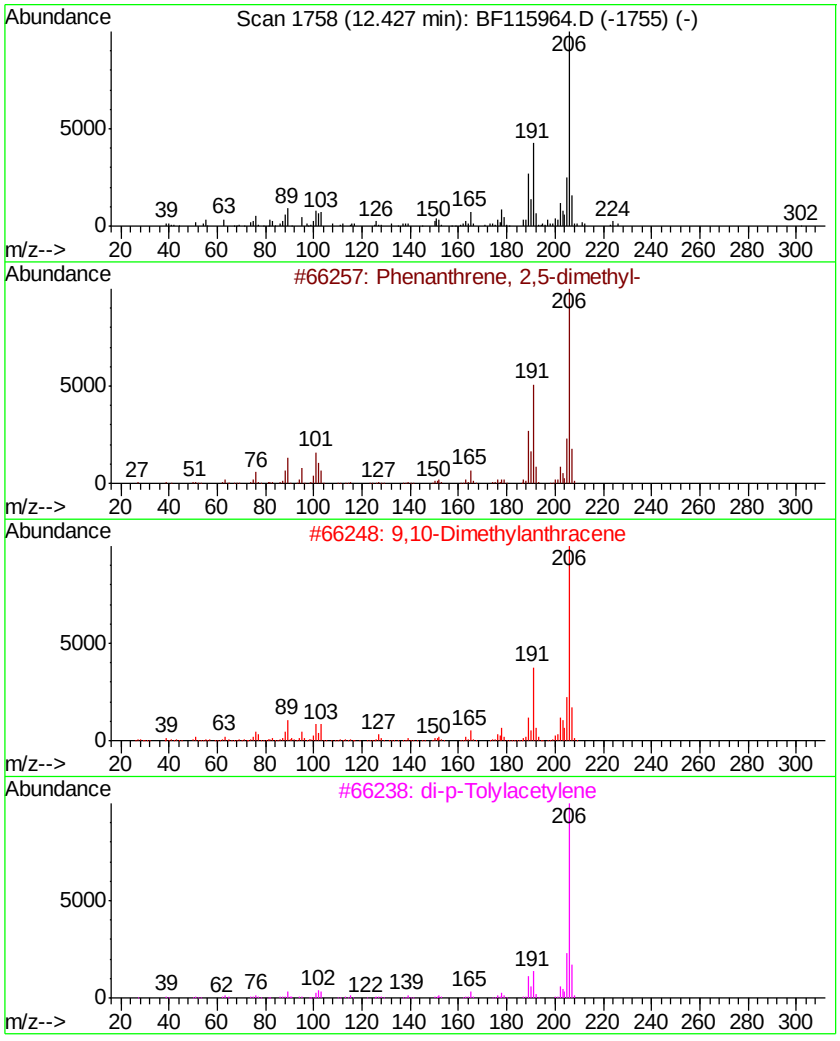
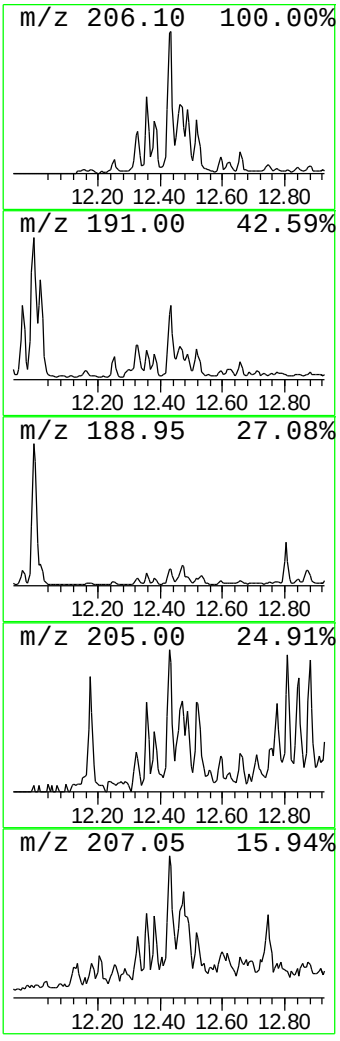
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.26 ng	124944	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92





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ClientSampleId : PL-02-080119

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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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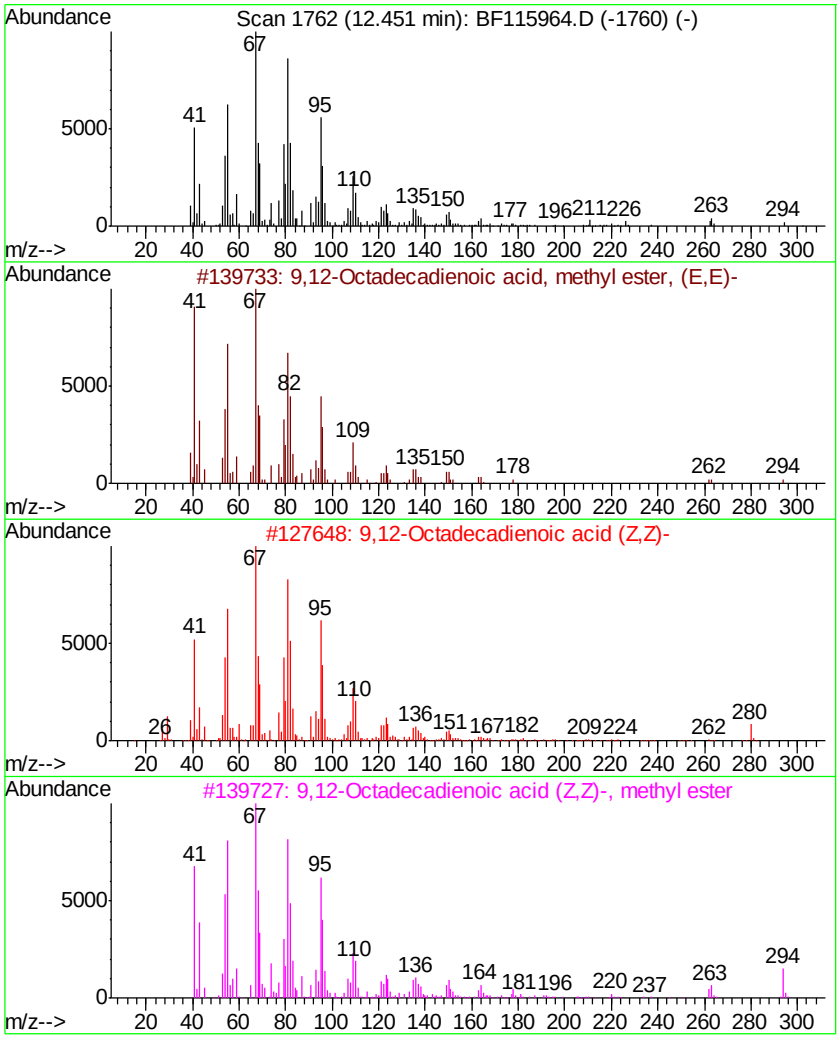
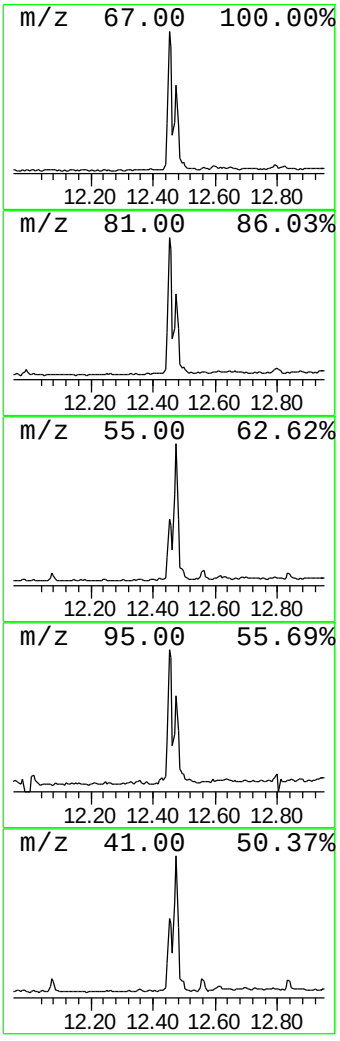
Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	10.91 ng	603916	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	91
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	89
5	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

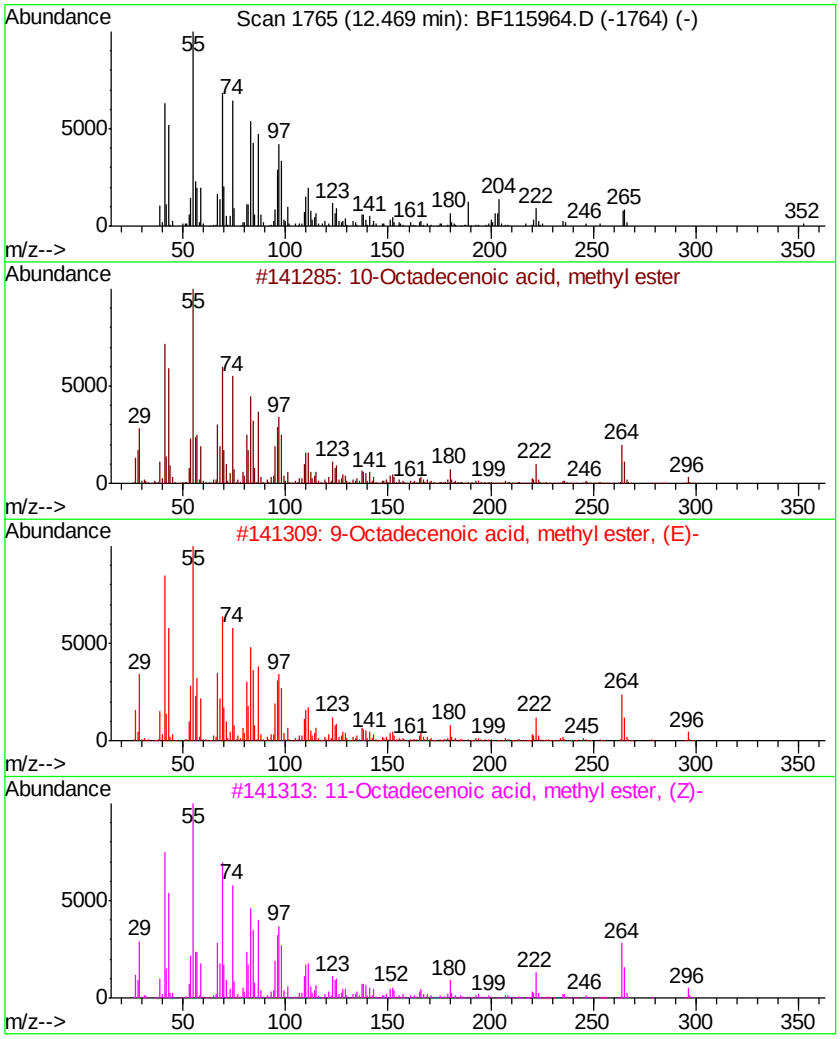
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

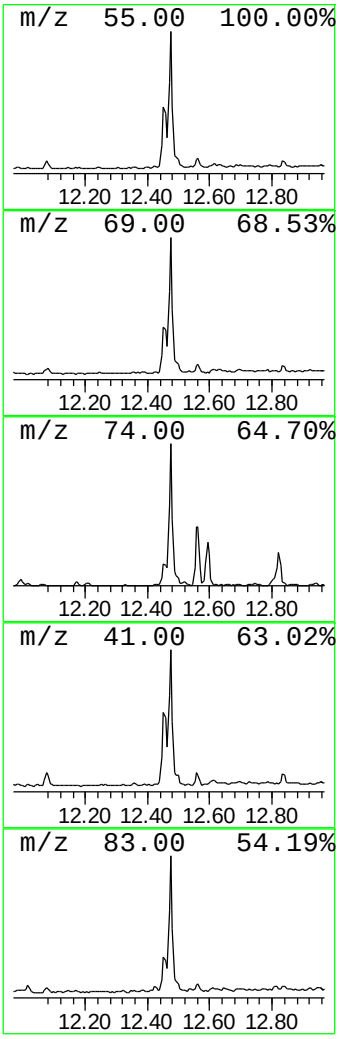
****

Peak Number 12 10-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	16.00 ng	885848	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99





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Sample : K4093-01 5X
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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-080119

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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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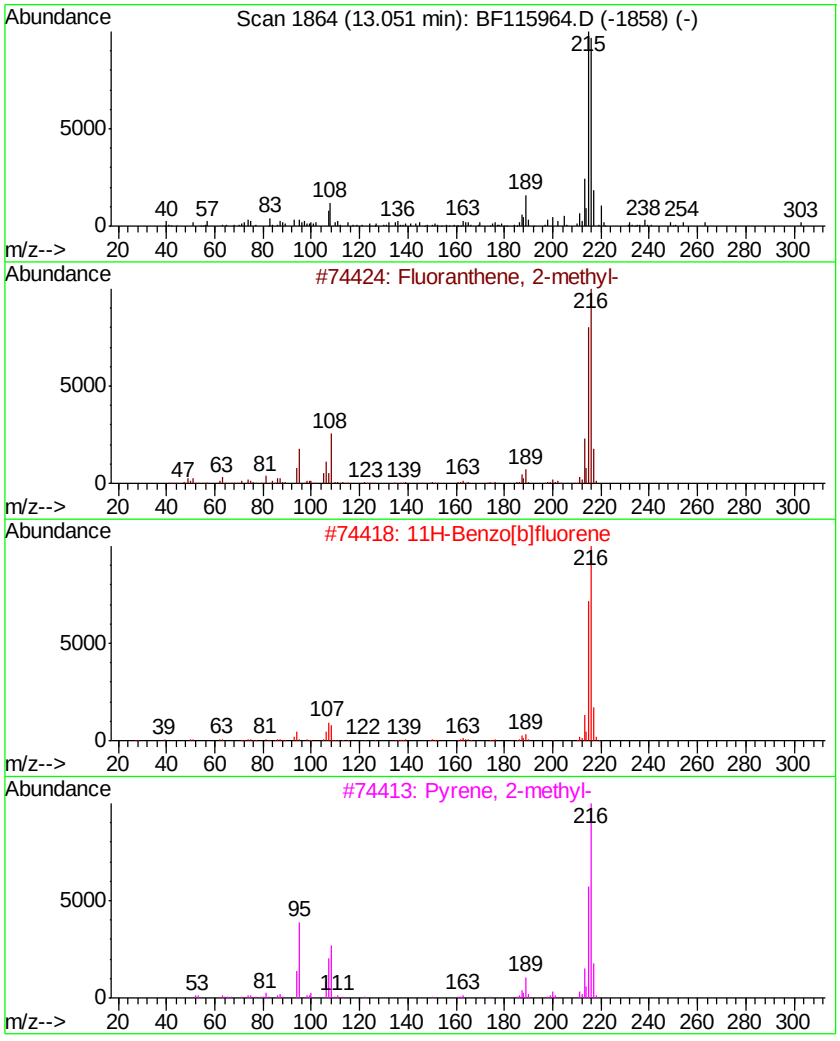
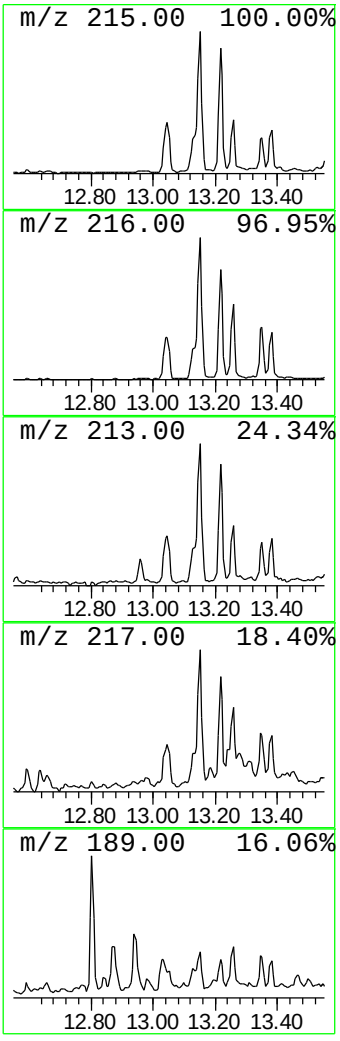
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	2.17 ng	169391	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74





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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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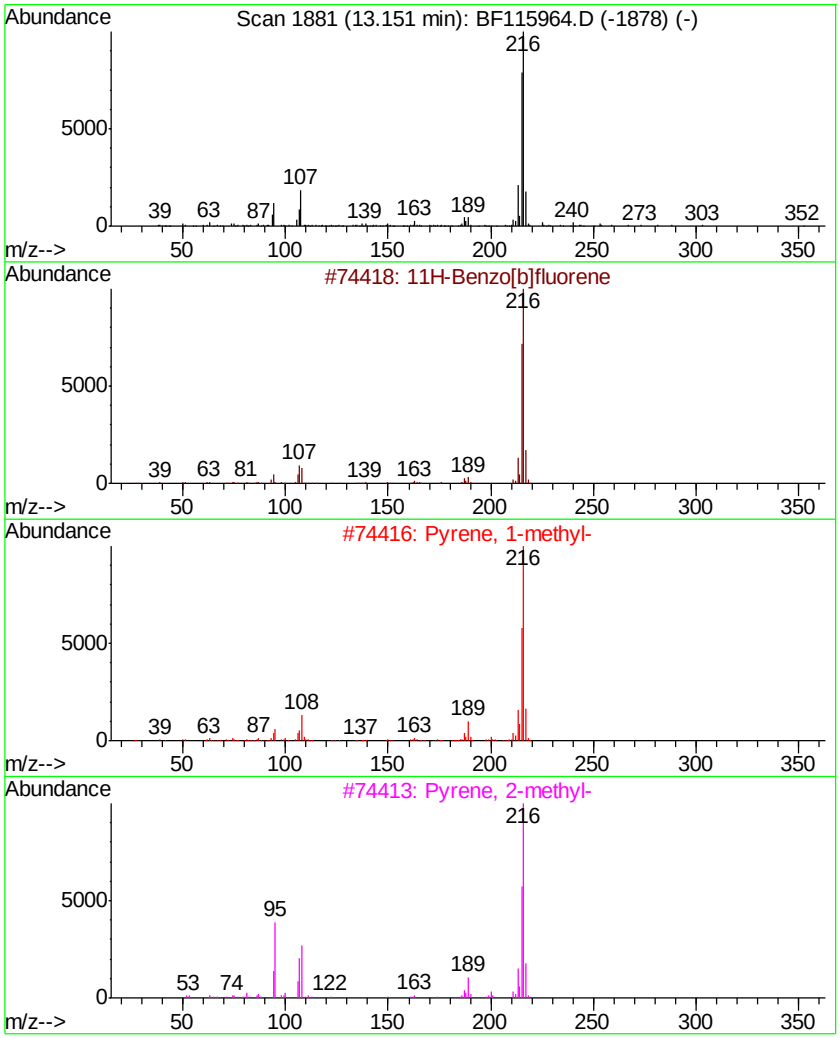
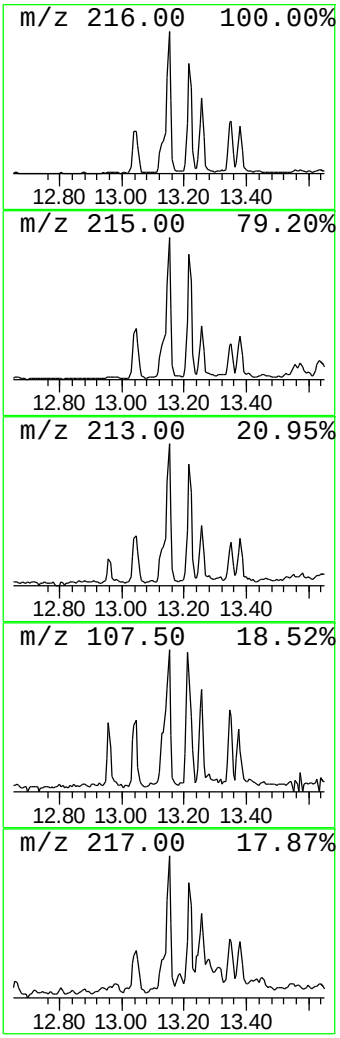
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	3.15 ng	246306	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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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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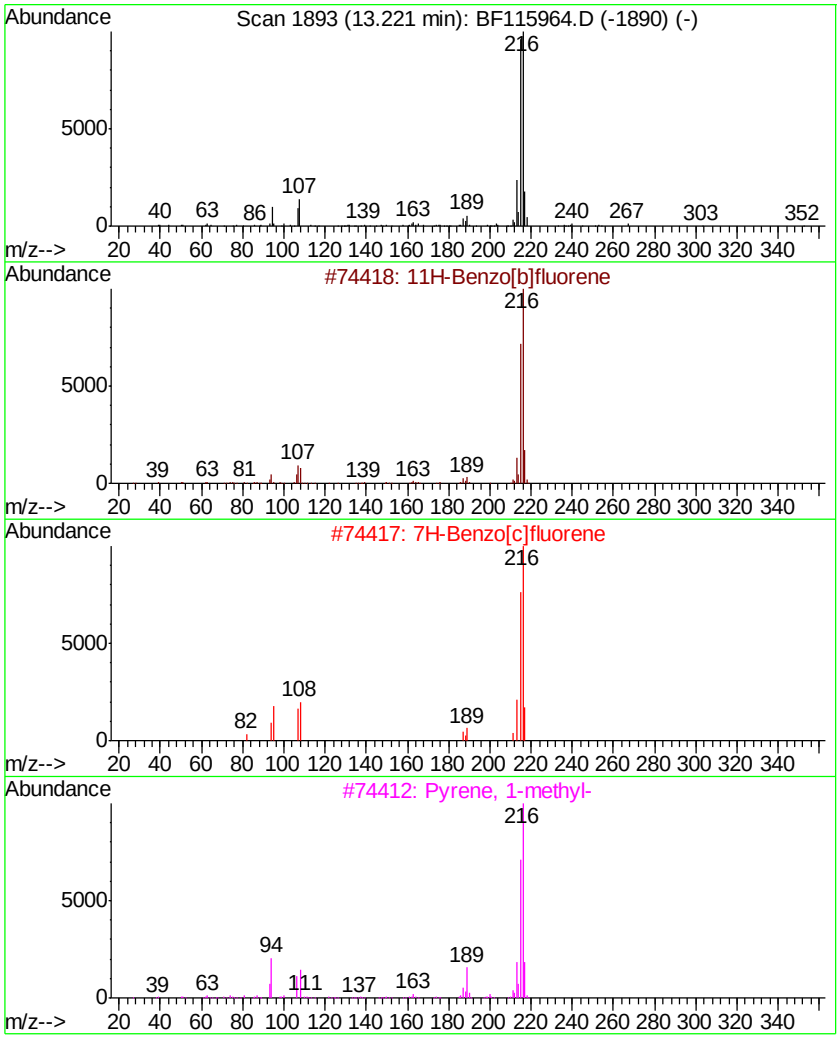
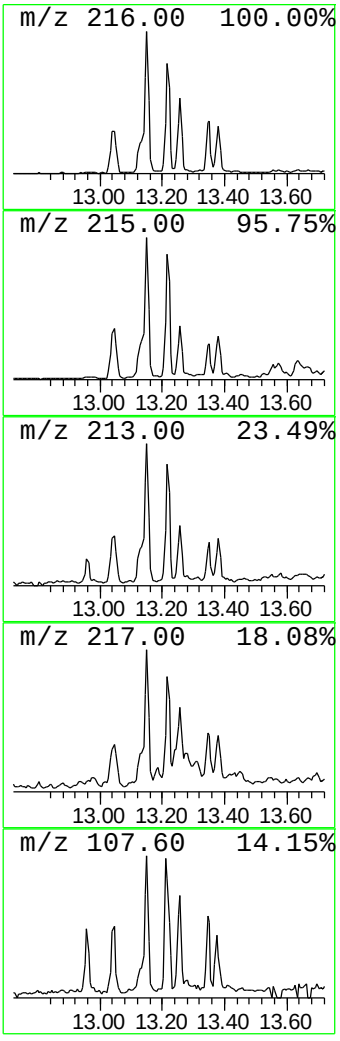
Peak Number 15 7H-Benzo[c]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.30 ng	179323	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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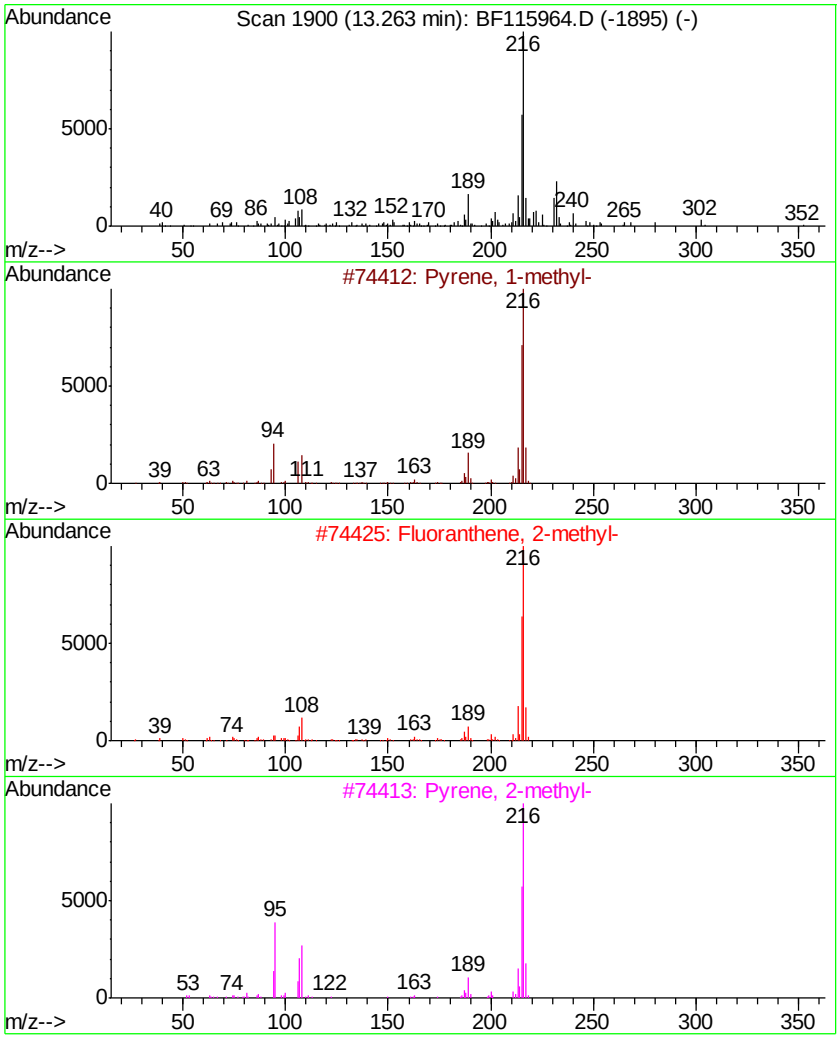
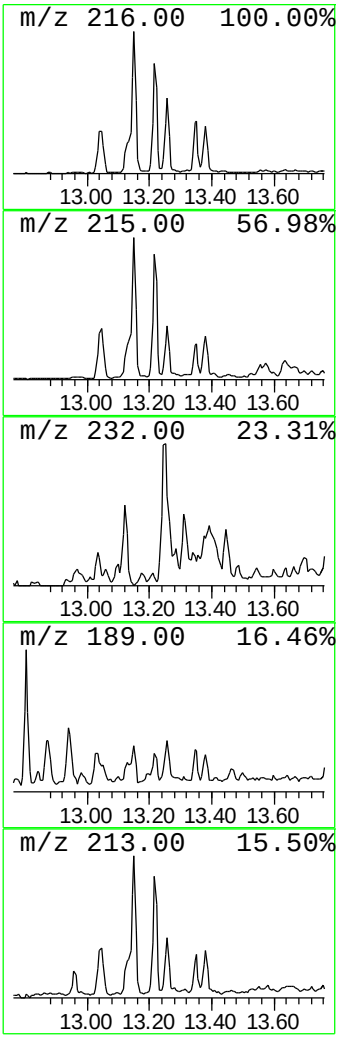
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.17 ng	169571	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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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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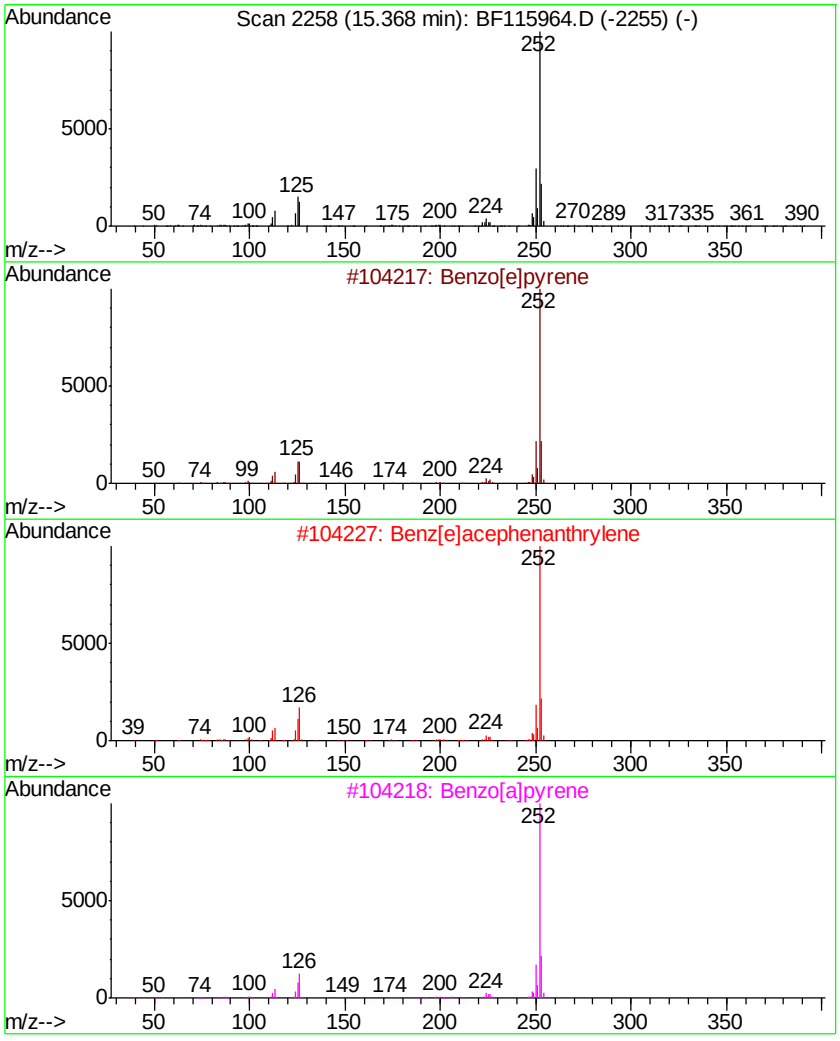
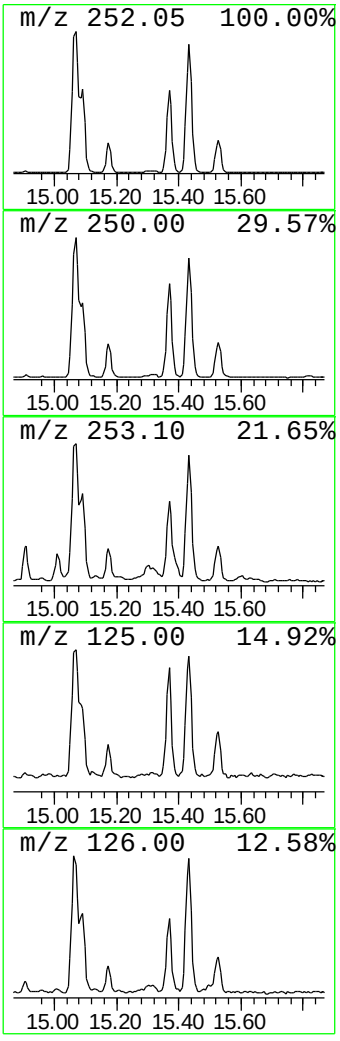
Peak Number 17 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	8.31 ng	389044	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

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Data File : BF115964.D
Acq On : 2 Aug 2019 23:11
Operator : HP/JU
Sample : K4093-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-080119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.62	6.62	13.4	ng	407175	1	6.85	605753	20.0
Tridecane	10.80	2.9	ng	160597	4	11.38	1107450	20.0
Sulfurous acid, 2...	11.24	2.3	ng	128823	4	11.38	1107450	20.0
Naphtho[1,2-b]thi...	11.27	2.4	ng	130814	4	11.38	1107450	20.0
Hexadecanoic acid...	11.77	3.6	ng	199639	4	11.38	1107450	20.0
Phenanthrene, 2-m...	11.88	2.5	ng	139513	4	11.38	1107450	20.0
Phenanthrene, 1-m...	11.91	3.9	ng	218302	4	11.38	1107450	20.0
4H-Cyclopenta[def...	11.99	6.0	ng	334920	4	11.38	1107450	20.0
Phenanthrene, 2,5...	12.43	2.3	ng	124944	4	11.38	1107450	20.0
9,12-Octadecadien...	12.45	10.9	ng	603916	4	11.38	1107450	20.0
10-Octadecenoic a...	12.47	16.0	ng	885848	4	11.38	1107450	20.0
Fluoranthene, 2-m...	13.05	2.2	ng	169391	5	14.02	1562470	20.0
11H-Benzo[b]fluorene	13.15	3.1	ng	246306	5	14.02	1562470	20.0
7H-Benzo[c]fluorene	13.22	2.3	ng	179323	5	14.02	1562470	20.0
Pyrene, 1-methyl-	13.26	2.2	ng	169571	5	14.02	1562470	20.0
Benzo[e]pyrene	15.37	8.3	ng	389044	6	15.50	936611	20.0