LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115513.D
Acq On : 11 Jul 2019 23:48
Operator : HP/JU
Sample : K3740-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-23

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-BF070519.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	2.151	6	11	23	rVB	644814	836462	28.39%	1.851%
2	5.504	577	581	585	rBV	1488079	1444010	49.01%	3.196%
3	6.516	748	753	756	rBV	1710133	1594910	54.14%	3.529%
4	6.663	773	778	781	rBV	1799543	1653102	56.11%	3.658%
5	6.892	814	817	821	rBV	1122393	900704	30.57%	1.993%
6	7.051	840	844	847	rBV	1679364	1344652	45.64%	2.976%
7	7.451	905	912	915	rBV	1115900	1000119	33.95%	2.213%
8	8.175	1031	1035	1038	rBV	1382743	1199936	40.73%	2.655%
9	8.198	1038	1039	1043	rVB	123042	64720	2.20%	0.143%
10	8.886	1150	1156	1160	rBV	56261	57355	1.95%	0.127%
11	8.986	1170	1173	1178	rVB	54821	45463	1.54%	0.101%
12	9.251	1214	1218	1221	rBV	2531851	2003177	67.99%	4.433%
13	9.339	1229	1233	1240	rBV4	67591	89231	3.03%	0.197%
14	9.510	1260	1262	1267	rBV2	33829	47156	1.60%	0.104%
15	9.592	1272	1276	1278	rVV	69743	70571	2.40%	0.156%
16	9.639	1282	1284	1290	rVV	439512	420492	14.27%	0.931%
17	9.704	1293	1295	1300	rVB2	35487	43777	1.49%	0.097%
18	9.792	1307	1310	1315	rBV	76484	80660	2.74%	0.178%
19	9.933	1328	1334	1337	rBV	1560290	1338257	45.42%	2.961%
20	9.963	1337	1339	1342	rVB	380115	297490	10.10%	0.658%
21	10.092	1356	1361	1363	rBV3	32991	41224	1.40%	0.091%
22	10.133	1365	1368	1372	rVV	172151	154808	5.25%	0.343%
23	10.174	1372	1375	1382	rVB3	31843	45139	1.53%	0.100%
24	10.251	1385	1388	1390	rBV	35132	35390	1.20%	0.078%
25	10.280	1390	1393	1395	rVB	35614	31543	1.07%	0.070%
26	10.363	1405	1407	1410	rVB2	35966	31956	1.08%	0.071%
27	10.480	1423	1427	1432	rBV	286624	271318	9.21%	0.600%
28	10.545	1433	1438	1440	rBV	49582	56351	1.91%	0.125%
29	10.569	1440	1442	1444	rBV	41770	32904	1.12%	0.073%
30	10.639	1451	1454	1458	rVB	66299	68695	2.33%	0.152%
31	10.716	1463	1467	1472	rBV	954340	847727	28.77%	1.876%
32	10.851	1485	1490	1495	rVB3	97398	168336	5.71%	0.373%
33	10.904	1496	1499	1500	rBV	41549	39652	1.35%	0.088%
34	10.969	1507	1510	1512	rBV	39251	32112	1.09%	0.071%

LSC Area Percent Report

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Acq On : 11 Jul 2019 23:48
Operator : HP/JU
Sample : K3740-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-23

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-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.027	1518	1520	1522	rVB2	57247	44009	1.49%	0.097%
36	11.057	1522	1525	1527	rBV3	37427	32896	1.12%	0.073%
37	11.116	1532	1535	1537	rVB2	41711	42008	1.43%	0.093%
38	11.157	1537	1542	1544	rBV3	47300	64308	2.18%	0.142%
39	11.180	1544	1546	1550	rVV	39989	36162	1.23%	0.080%
40	11.221	1550	1553	1557	rVB	62430	63719	2.16%	0.141%
41	11.286	1558	1564	1566	rVV5	60737	110641	3.76%	0.245%
42	11.316	1566	1569	1574	rVB2	153745	171832	5.83%	0.380%
43	11.416	1583	1586	1588	rBV	1224559	1169504	39.70%	2.588%
44	11.445	1588	1591	1594	rVV	2068054	1808182	61.38%	4.001%
45	11.492	1594	1599	1602	rVV	663679	580679	19.71%	1.285%
46	11.521	1602	1604	1608	rVB2	64907	71621	2.43%	0.158%
47	11.639	1620	1624	1627	rBV2	195844	221305	7.51%	0.490%
48	11.716	1634	1637	1640	rVB3	78519	58837	2.00%	0.130%
49	11.745	1640	1642	1645	rVB2	38702	32601	1.11%	0.072%
50	11.921	1668	1672	1673	rBV	214423	200866	6.82%	0.445%
51	11.945	1673	1676	1680	rVB2	458594	419254	14.23%	0.928%
52	11.992	1681	1684	1687	rVB2	131646	116985	3.97%	0.259%
53	12.033	1687	1691	1693	rBV2	459268	479513	16.28%	1.061%
54	12.121	1703	1706	1708	rVB2	60725	46438	1.58%	0.103%
55	12.215	1719	1722	1724	rBV	178247	173624	5.89%	0.384%
56	12.233	1724	1725	1731	rVB2	128665	83062	2.82%	0.184%
57	12.363	1745	1747	1750	rVB2	66689	56795	1.93%	0.126%
58	12.398	1750	1753	1754	rBV	53031	47014	1.60%	0.104%
59	12.468	1762	1765	1768	rBV	156971	145828	4.95%	0.323%
60	12.510	1769	1772	1777	rVB3	123822	144737	4.91%	0.320%
61	12.551	1777	1779	1785	rVB3	107373	114117	3.87%	0.253%
62	12.633	1789	1793	1796	rBV	2996224	2690081	91.31%	5.953%
63	12.674	1796	1800	1806	rVB3	127284	178951	6.07%	0.396%
64	12.727	1806	1809	1811	rBV	109028	108548	3.68%	0.240%
65	12.780	1816	1818	1823	rVB	72403	65336	2.22%	0.145%
66	12.862	1826	1832	1835	rBV	2622690	2946110	100.00%	6.520%
67	12.910	1837	1840	1845	rVB2	118679	139204	4.73%	0.308%
68	12.980	1849	1852	1853	rBV	149057	151509	5.14%	0.335%
69	13.004	1853	1856	1864	rVB	1960753	1863158	63.24%	4.123%
70	13.074	1864	1868	1872	rBV2	179429	317553	10.78%	0.703%
71	13.145	1877	1880	1881	rVV2	100644	95283	3.23%	0.211%

LSC Area Percent Report

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Data File : BF115513.D
Acq On : 11 Jul 2019 23:48
Operator : HP/JU
Sample : K3740-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-23

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-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.162	1881	1883	1884	rVV2	154673	131070	4.45%	0.290%
73	13.186	1884	1887	1890	rVB	512174	493795	16.76%	1.093%
74	13.251	1895	1898	1901	rVV	363937	360641	12.24%	0.798%
75	13.292	1901	1905	1907	rVV2	292044	300073	10.19%	0.664%
76	13.315	1907	1909	1912	rVB	121398	112802	3.83%	0.250%
77	13.386	1918	1921	1923	rVB	131524	114115	3.87%	0.253%
78	13.415	1923	1926	1929	rBV	154764	159141	5.40%	0.352%
79	13.480	1935	1937	1941	rVB2	252256	220738	7.49%	0.488%
80	13.692	1971	1973	1978	rVB	158137	181370	6.16%	0.401%
81	13.804	1989	1992	1995	rBV2	194743	240889	8.18%	0.533%
82	13.833	1995	1997	1999	rVV	228788	200825	6.82%	0.444%
83	13.857	1999	2001	2005	rVV2	199212	274441	9.32%	0.607%
84	13.904	2006	2009	2016	rVB2	267508	392031	13.31%	0.868%
85	14.051	2030	2034	2038	rBV3	1866771	2770139	94.03%	6.130%
86	14.086	2038	2040	2045	rVB	1524212	1213164	41.18%	2.685%
87	14.162	2051	2053	2057	rBV	286765	247685	8.41%	0.548%
88	14.274	2070	2072	2076	rBV2	170517	181106	6.15%	0.401%
89	14.568	2120	2122	2124	rBV	160608	150419	5.11%	0.333%
90	15.109	2210	2214	2222	rVB	976185	1986208	67.42%	4.395%
91	15.415	2263	2266	2273	rVB	597740	782292	26.55%	1.731%
92	15.480	2273	2277	2283	rBV	823410	1050799	35.67%	2.325%
93	15.545	2284	2288	2291	rVV	663031	920336	31.24%	2.037%
94	15.574	2291	2293	2300	rVB3	392825	543792	18.46%	1.203%
95	17.033	2536	2541	2550	rVB2	338278	679172	23.05%	1.503%

Sum of corrected areas: 45188712

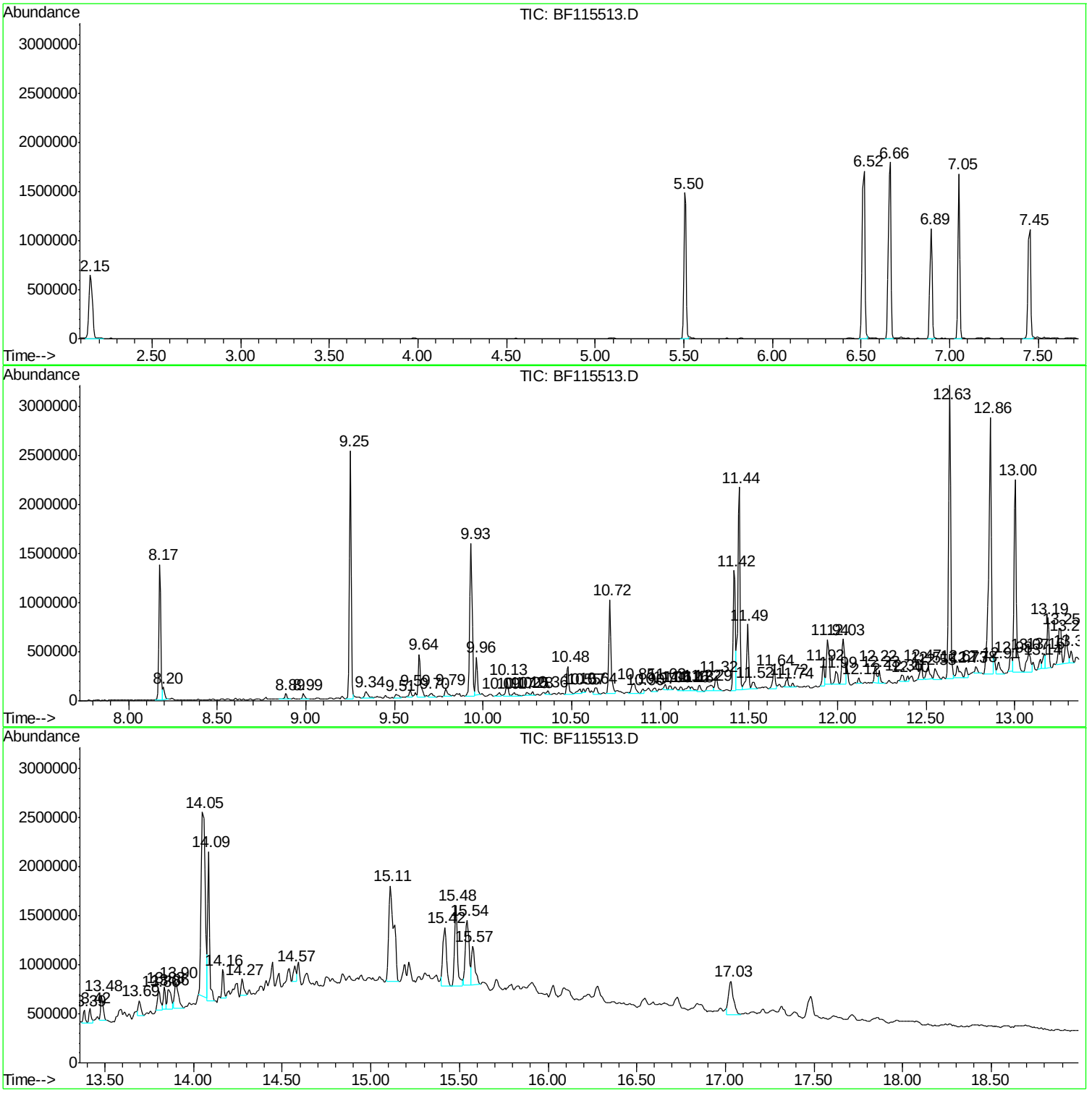
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115513.D
Acq On : 11 Jul 2019 23:48
Operator : HP/JU
Sample : K3740-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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\BF071119\
Data File : BF115513.D
Acq On : 11 Jul 2019 23:48
Operator : HP/JU
Sample : K3740-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

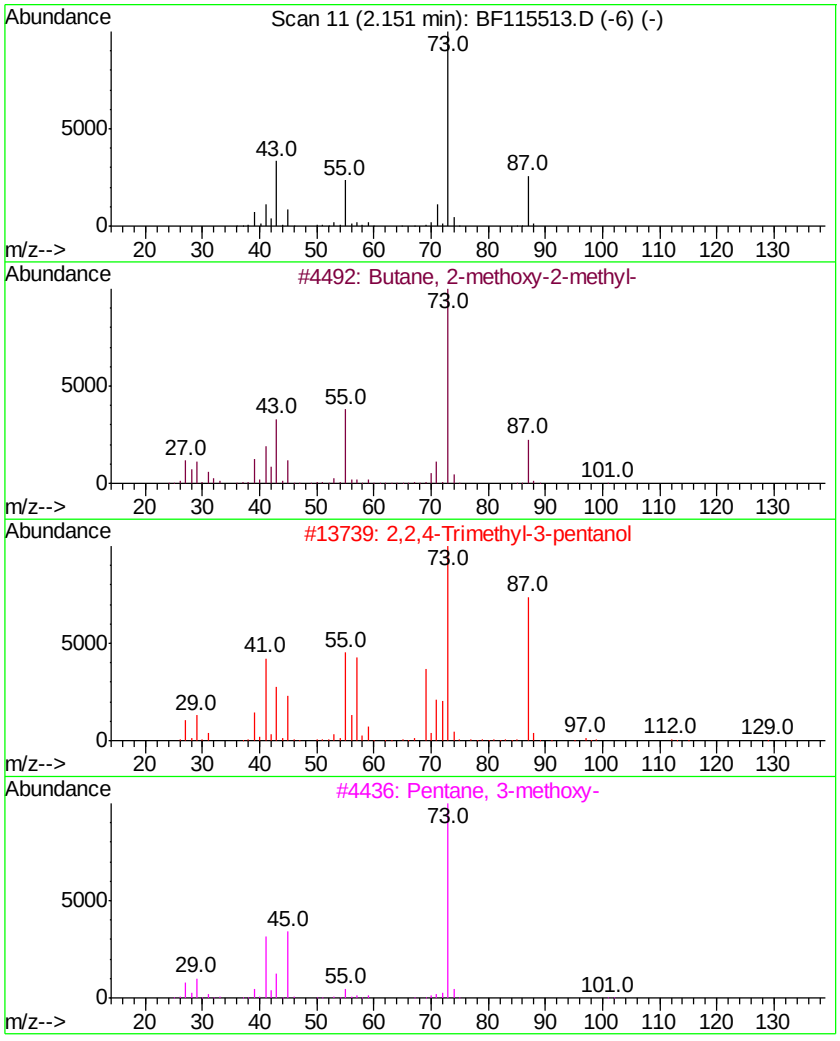
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

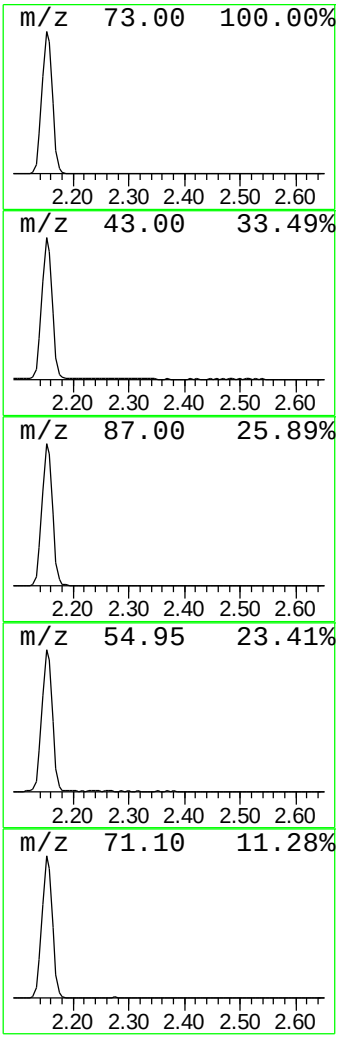
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	18.57 ng	836462	1,4-Dichlorobenzene-d4	6.89

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115513.D
Acq On : 11 Jul 2019 23:48
Operator : HP/JU
Sample : K3740-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

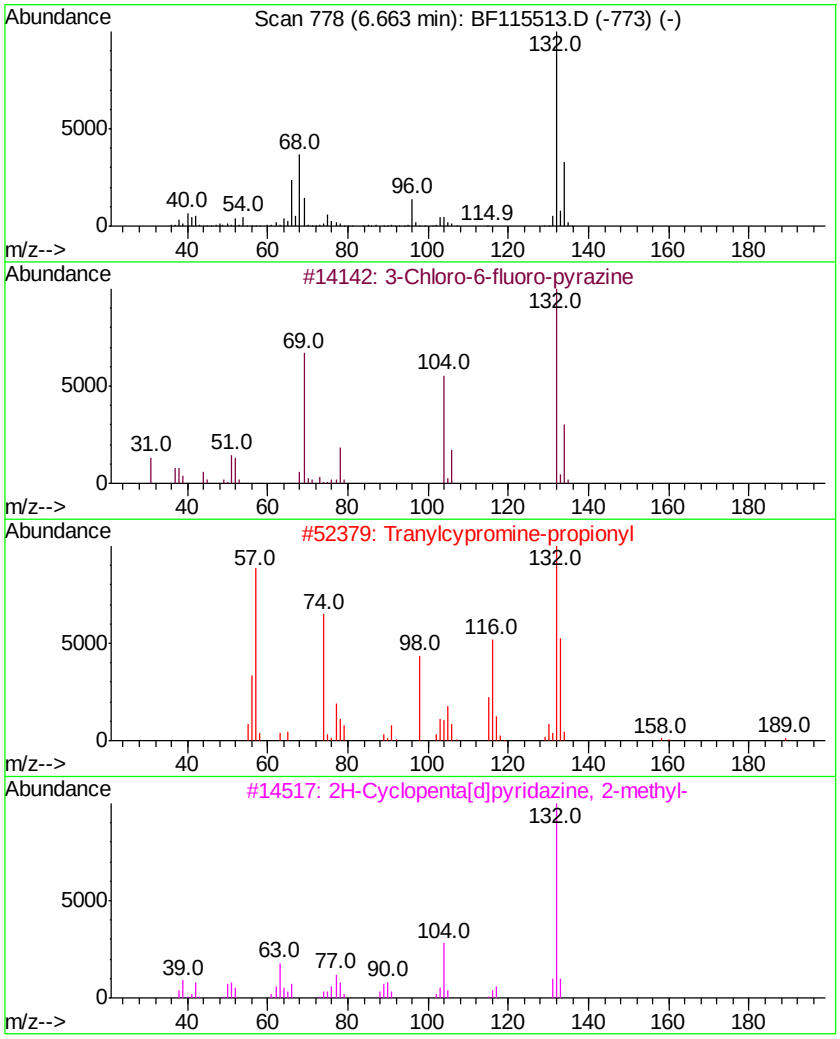
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

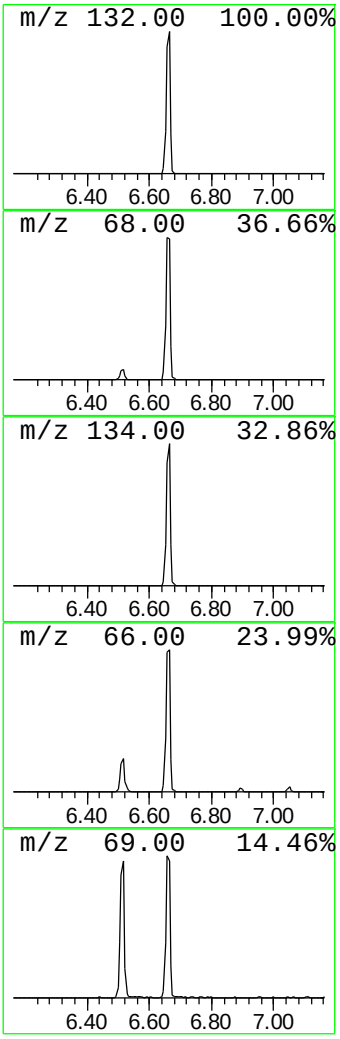
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	36.71 ng	1653100	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115513.D
Acq On : 11 Jul 2019 23:48
Operator : HP/JU
Sample : K3740-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

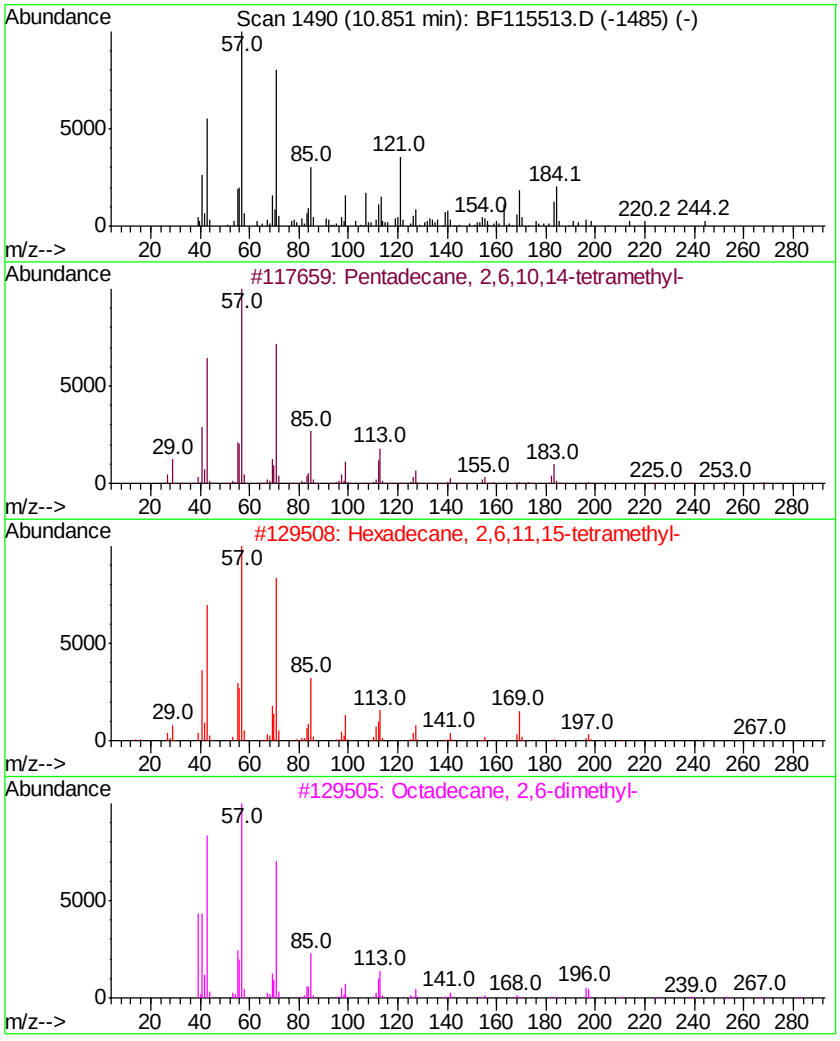
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

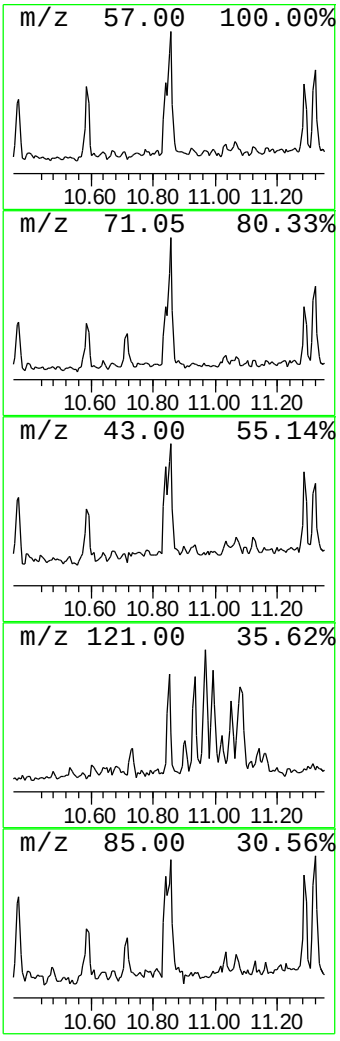
****

Peak Number 4 Pentadecane, 2,6,10,14-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	2.88 ng	168336	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	62
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
3	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	52
4	Tridecane	184	C13H28	000629-50-5	50
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115513.D
Acq On : 11 Jul 2019 23:48
Operator : HP/JU
Sample : K3740-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

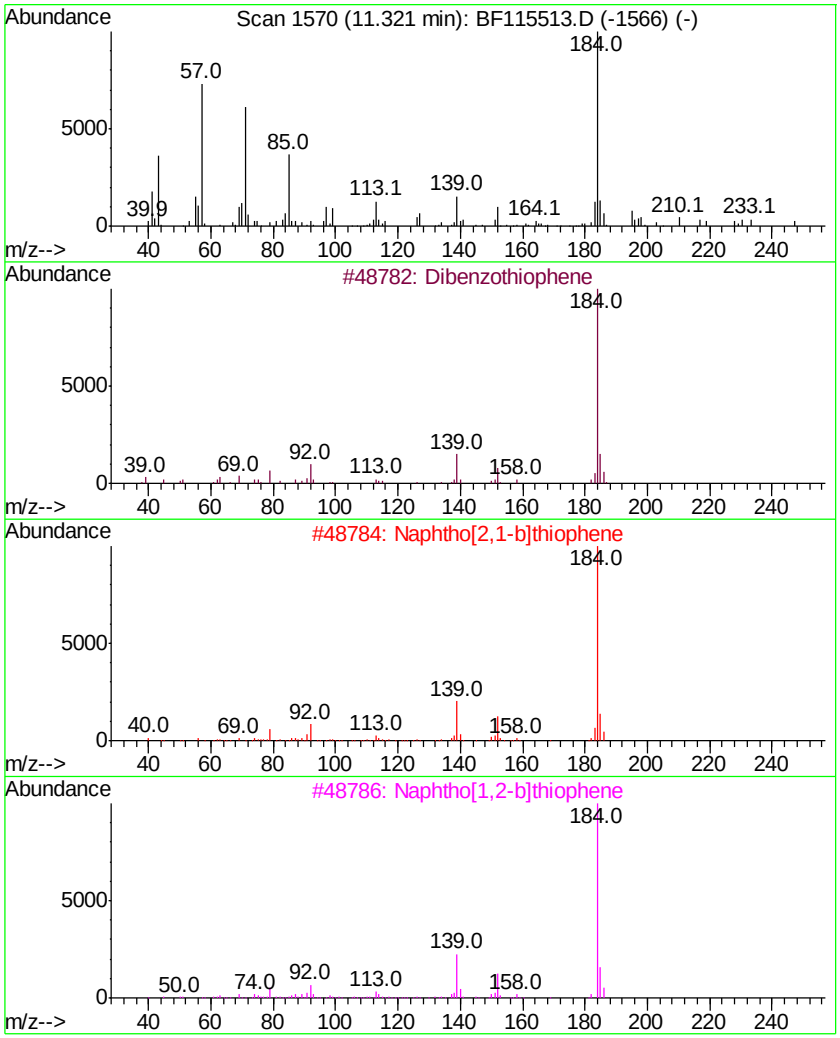
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

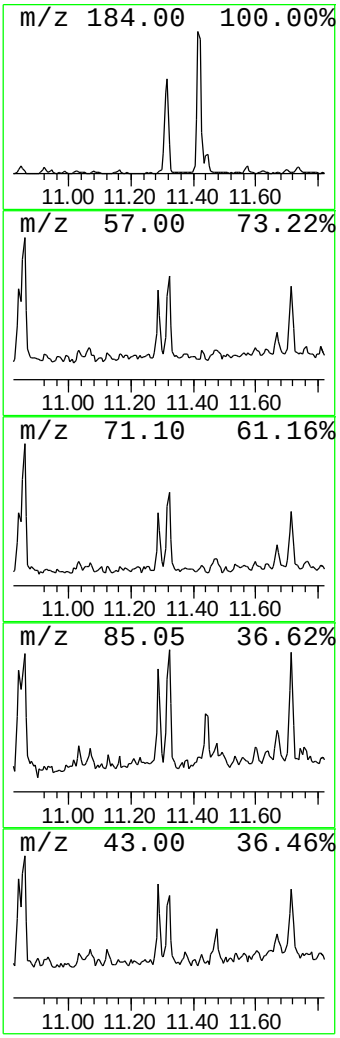
****

Peak Number 5 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	2.94 ng	171832	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115513.D
Acq On : 11 Jul 2019 23:48
Operator : HP/JU
Sample : K3740-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

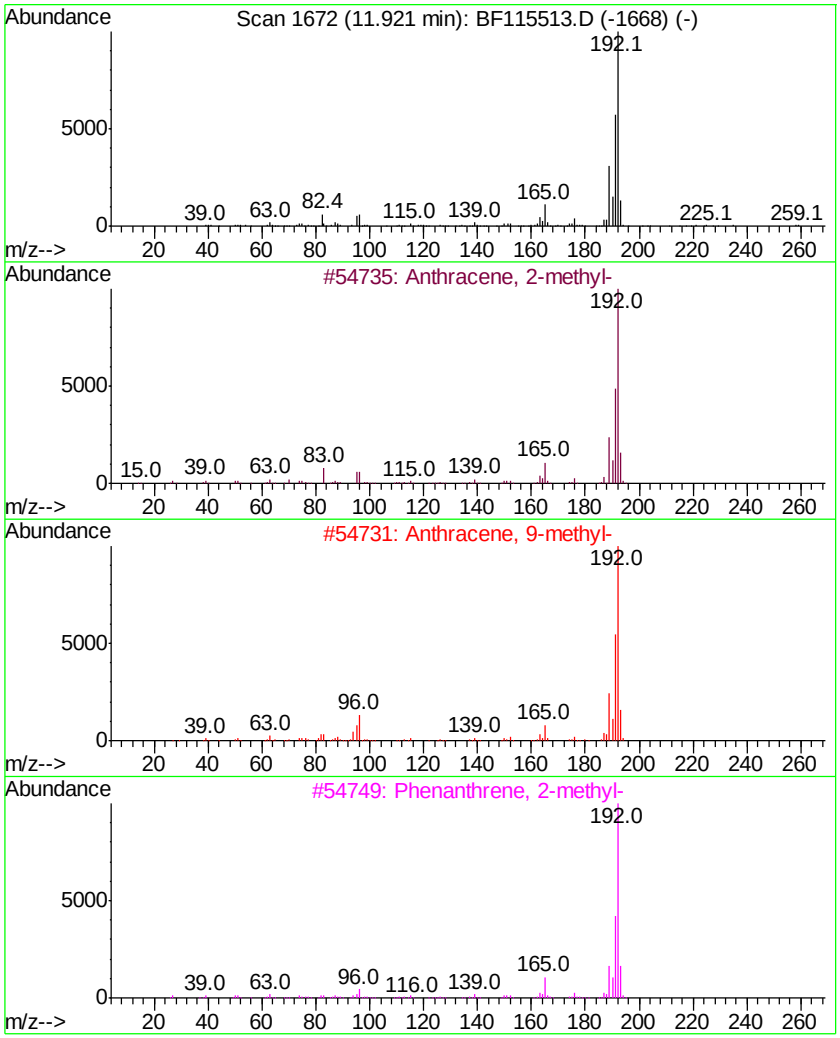
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

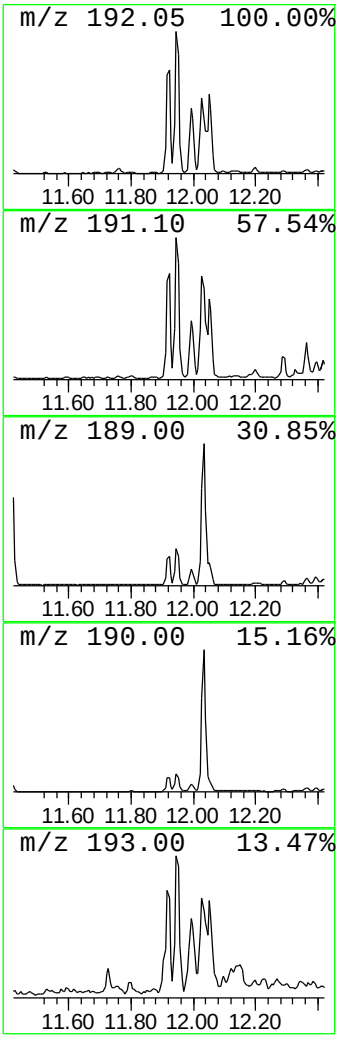
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.44 ng	200866	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Acq On : 11 Jul 2019 23:48
Operator : HP/JU
Sample : K3740-04 2X
Misc :
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Instrument : BNA_F
ClientSampleId : COMP-23

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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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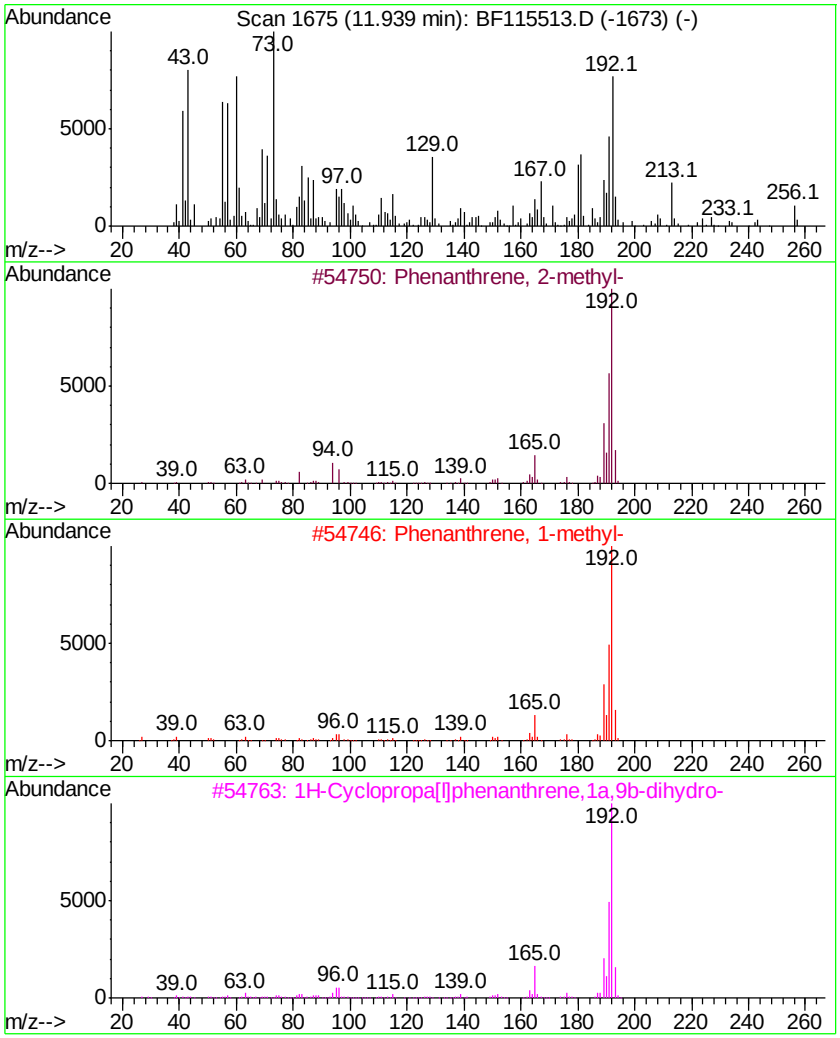
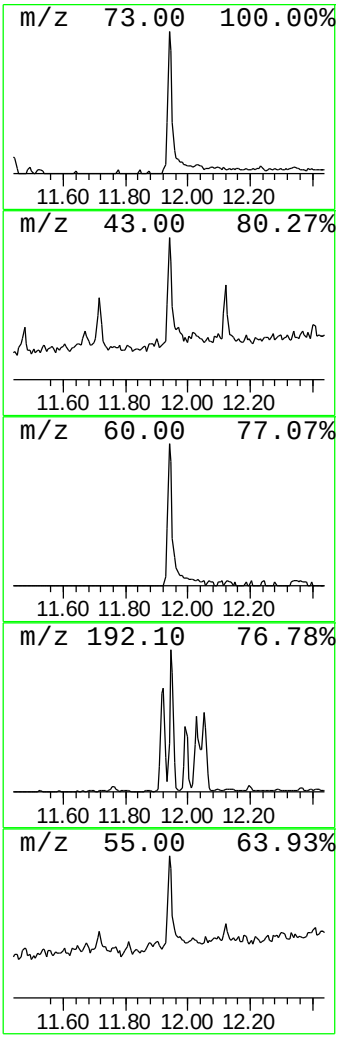
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	7.17 ng	419254	Phenanthrene-d10	11.42

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	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Misc :
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Instrument : BNA_F
ClientSampleId : COMP-23

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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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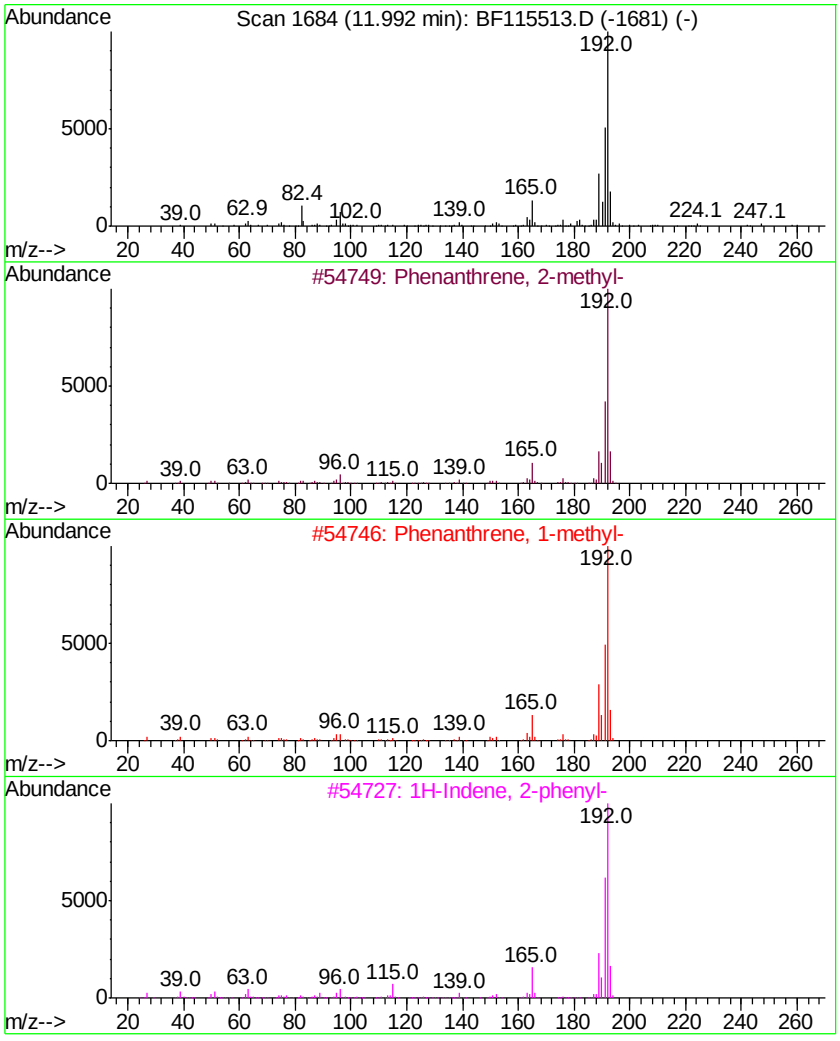
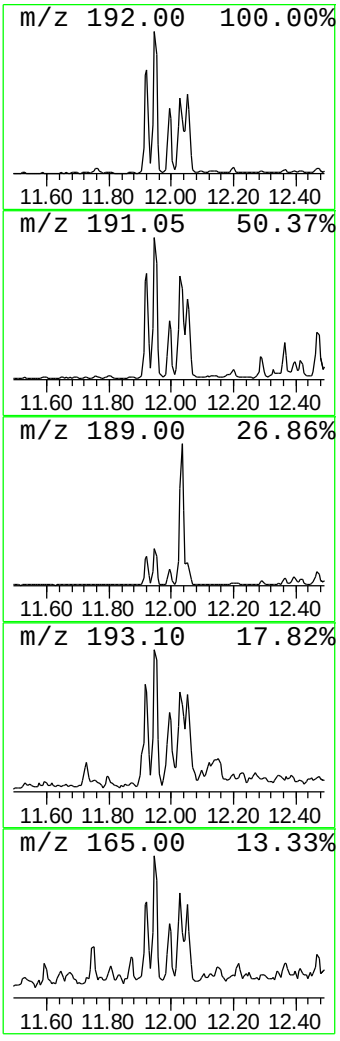
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.00 ng	116985	Phenanthrene-d10	11.42

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





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Instrument : BNA_F
ClientSampleId : COMP-23

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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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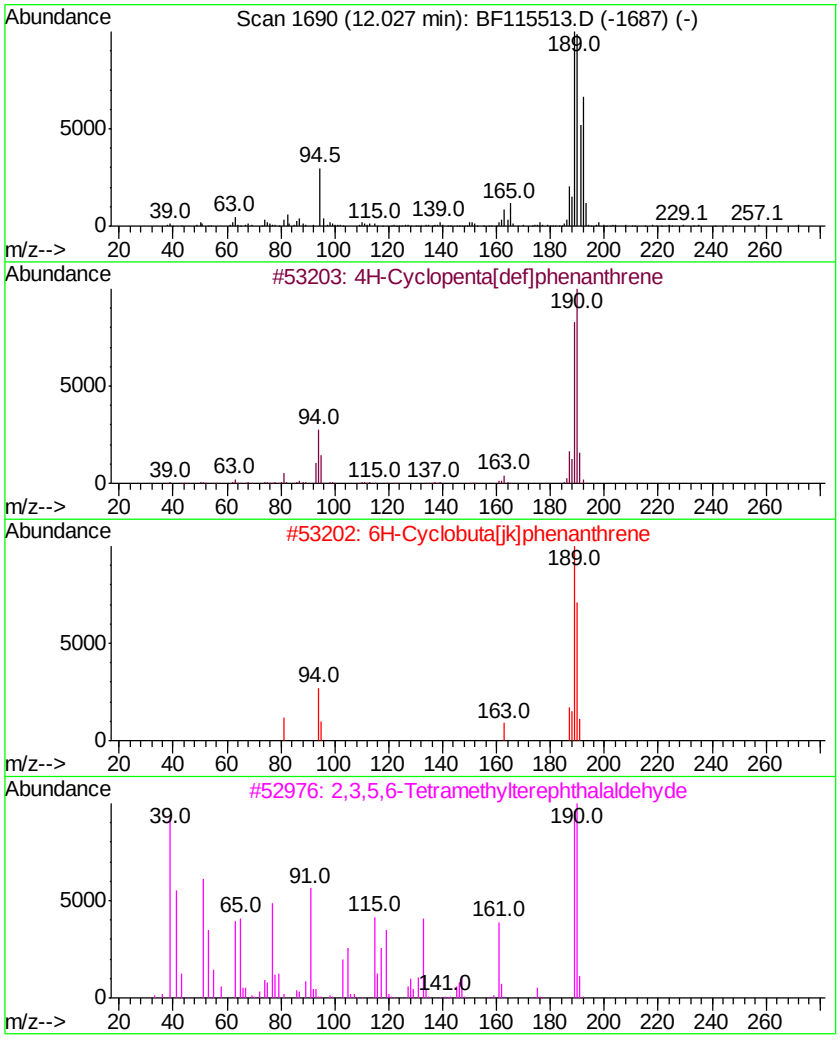
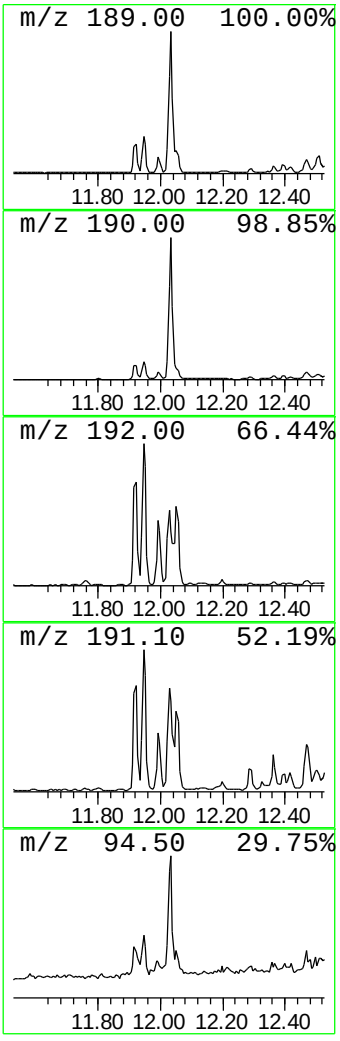
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	8.20 ng	479513	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Library Search Compound Report

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ClientSampleId : COMP-23

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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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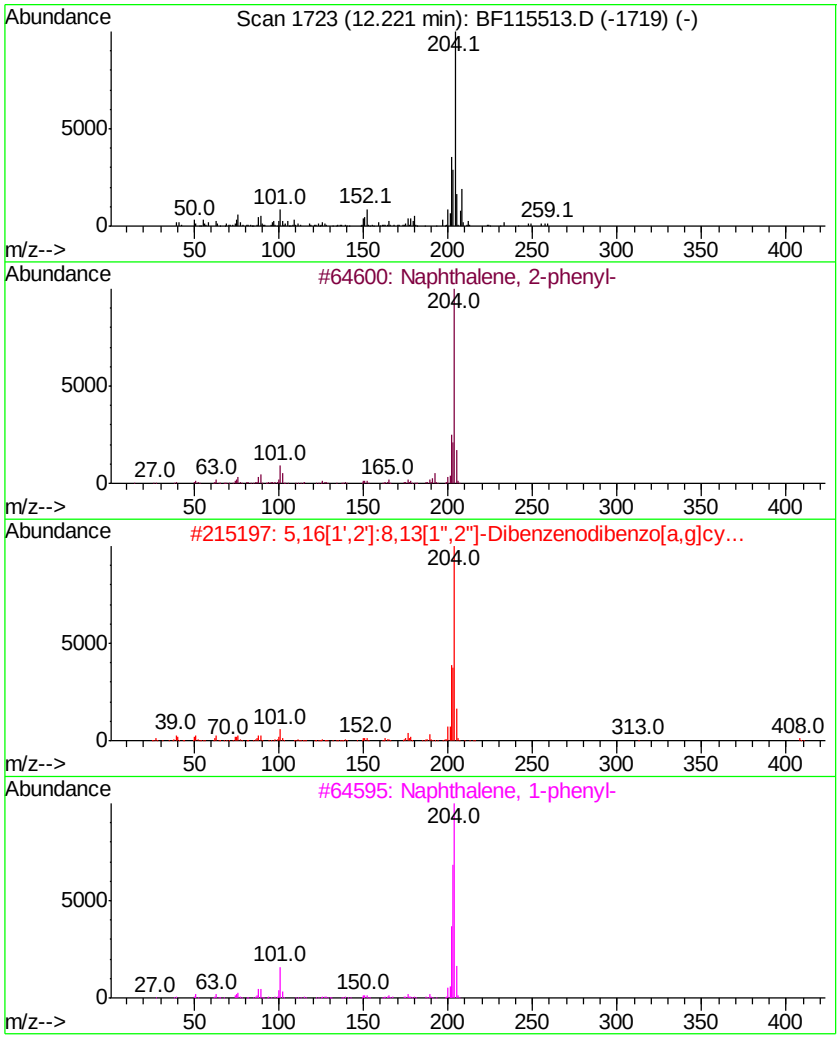
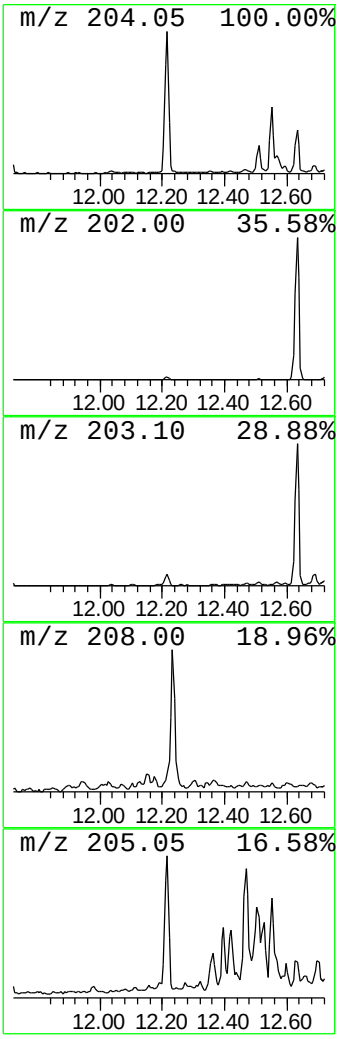
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.97 ng	173624	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59





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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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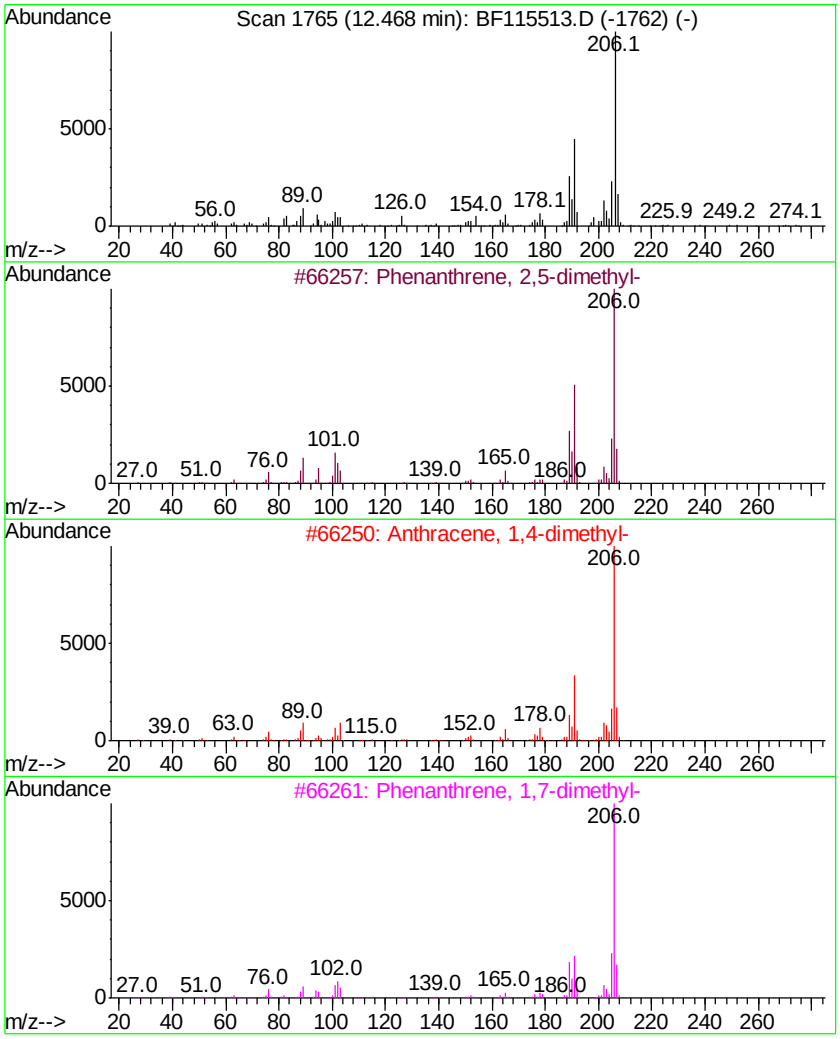
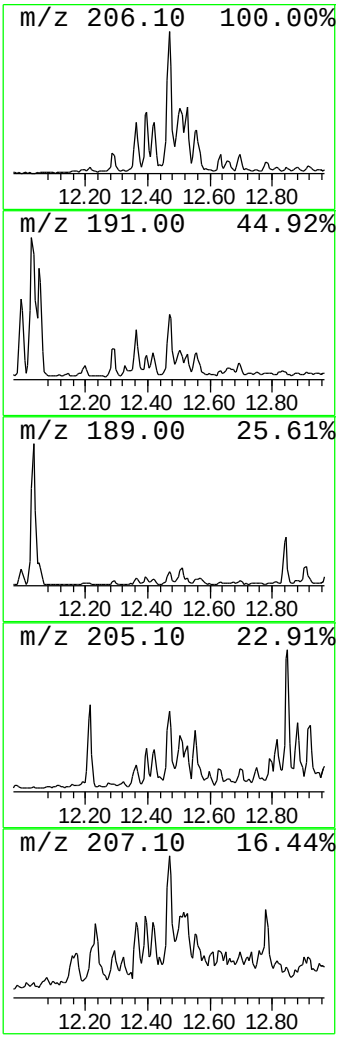
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.49 ng	145828	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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ClientSampleId : COMP-23

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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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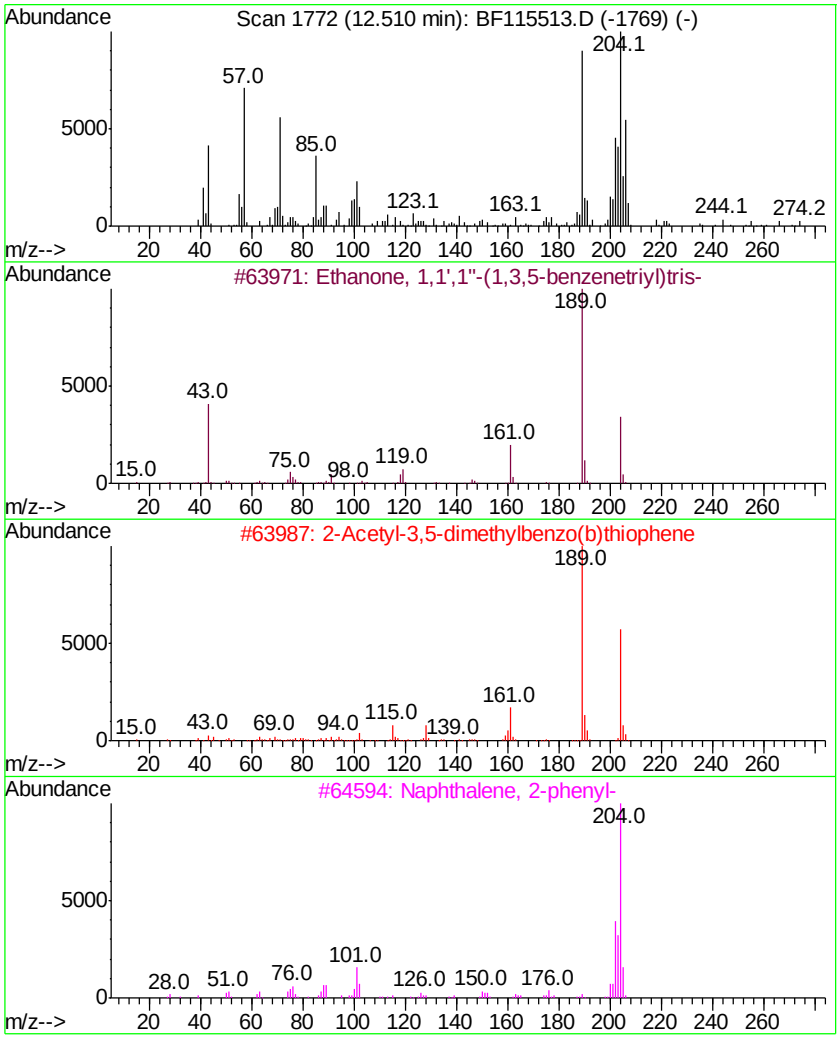
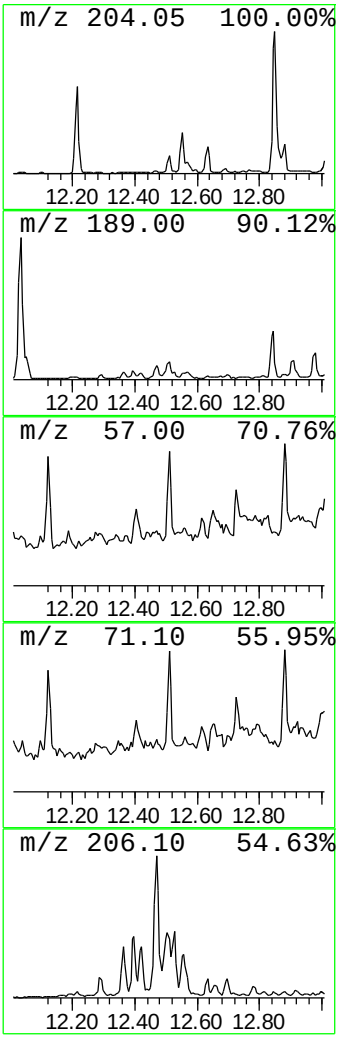
Peak Number 12 unknown12.51 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.48 ng	144737	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1,1',1''-(1,3,5-benzen...	204	C12H12O3	000779-90-8	38
2	2-Acetyl-3,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-05-1	35
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	30
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	30





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Operator : HP/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-23

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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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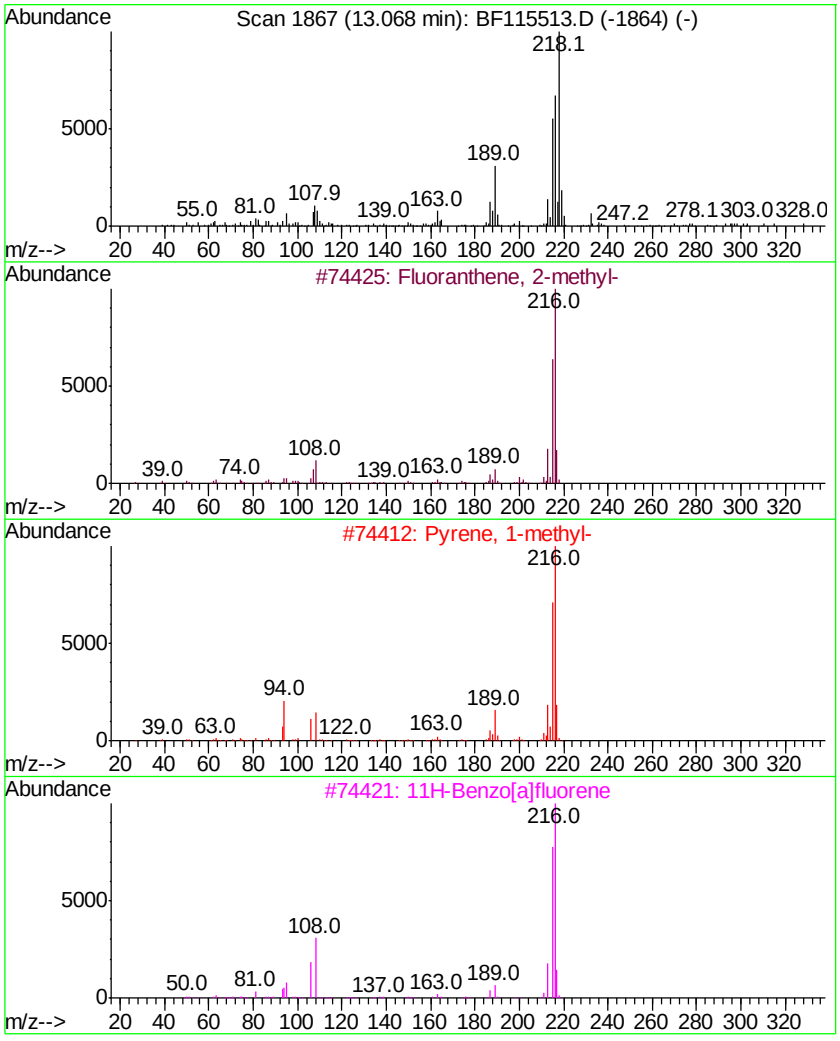
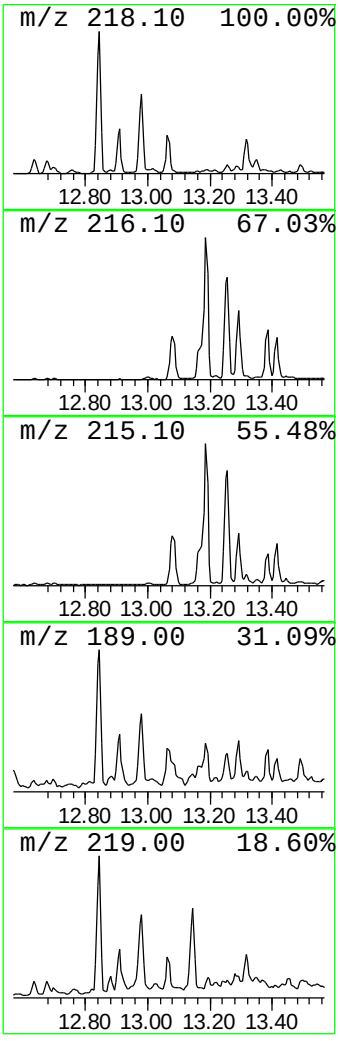
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.29 ng	317553	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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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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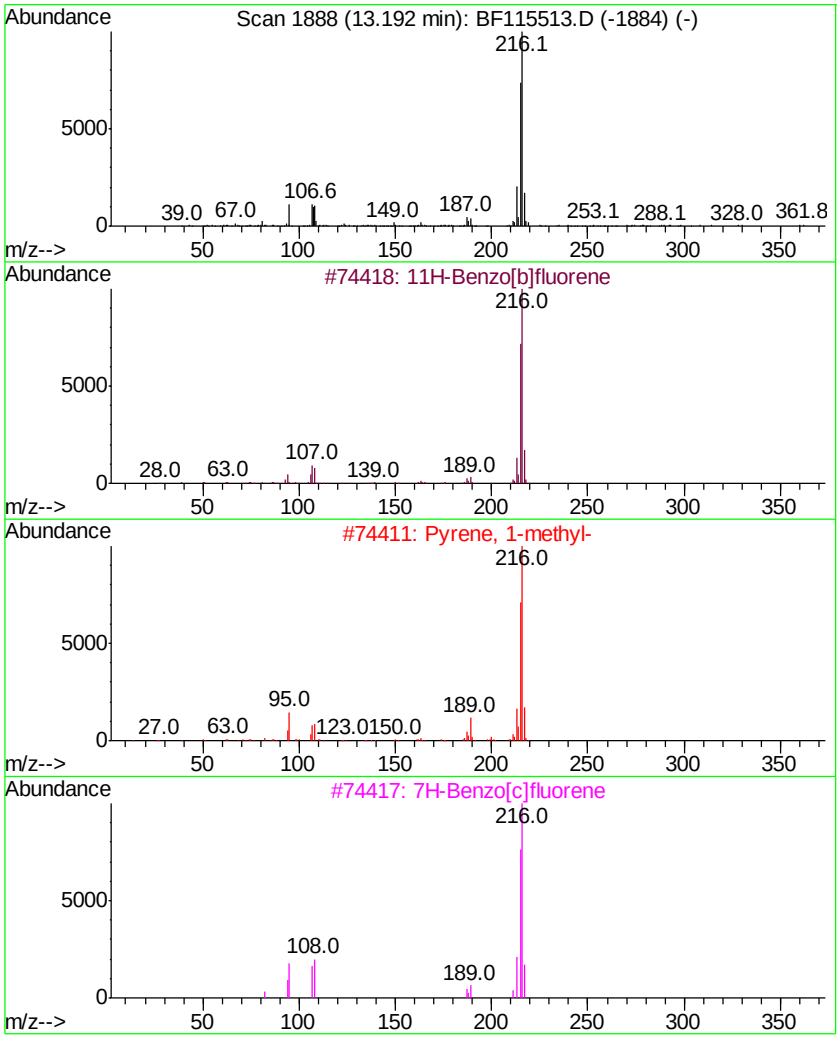
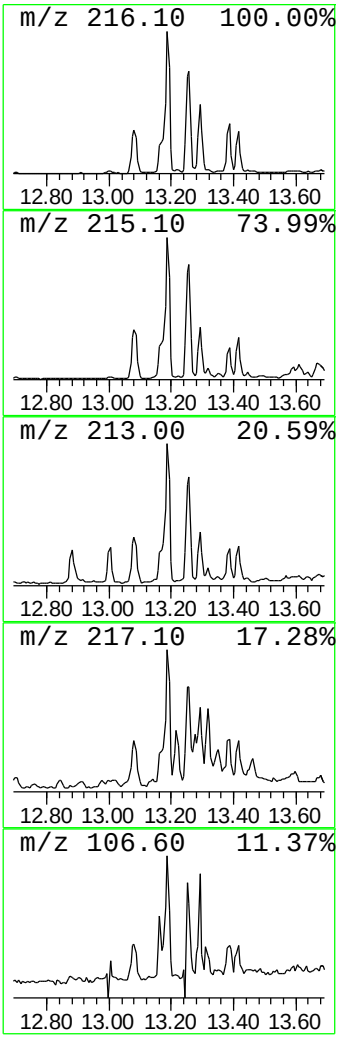
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.57 ng	493795	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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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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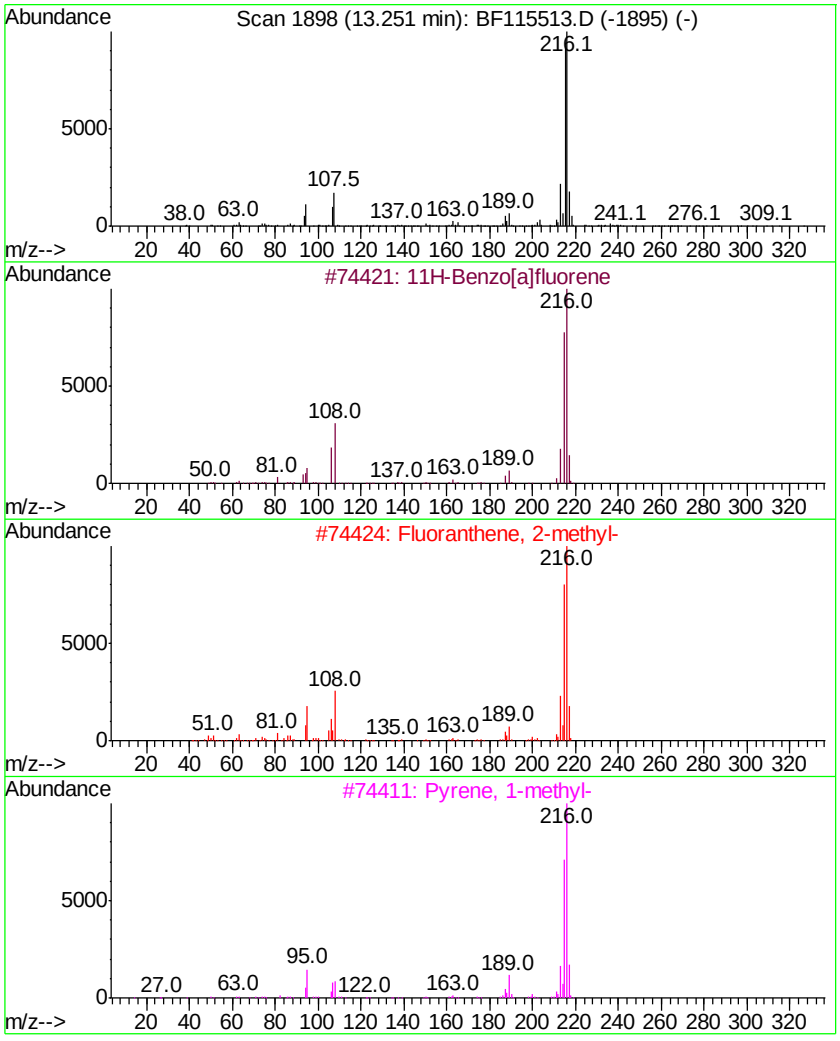
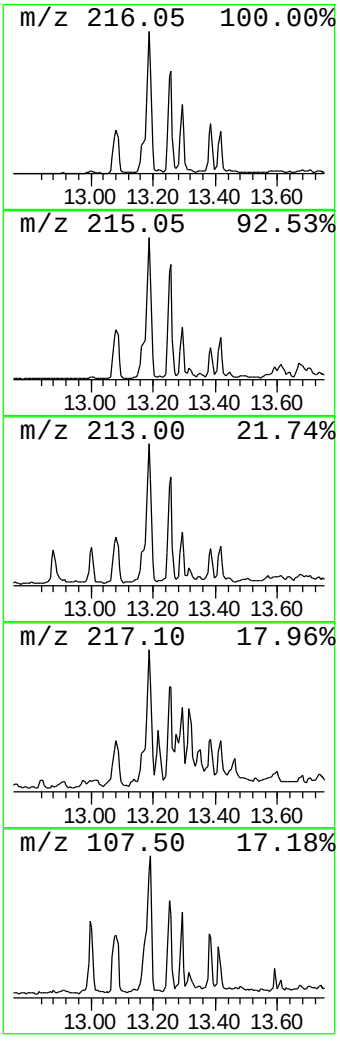
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.60 ng	360641	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Sample : K3740-04 2X
Misc :
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Instrument : BNA_F
ClientSampleId : COMP-23

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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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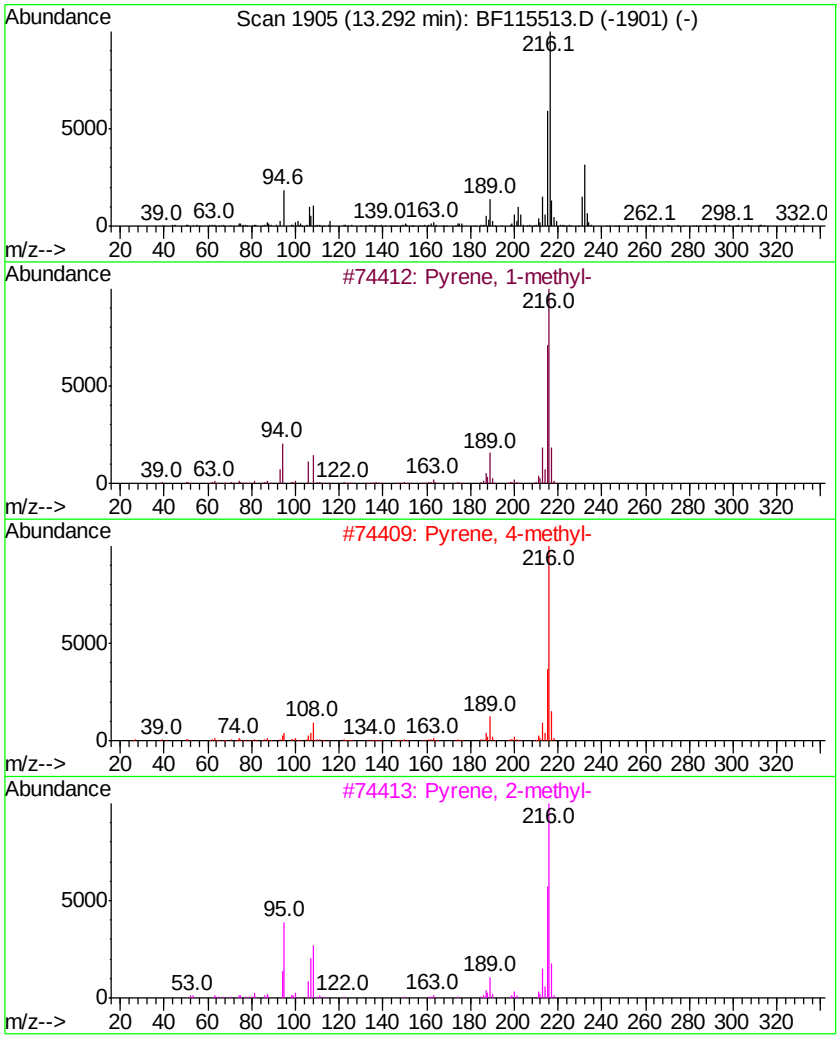
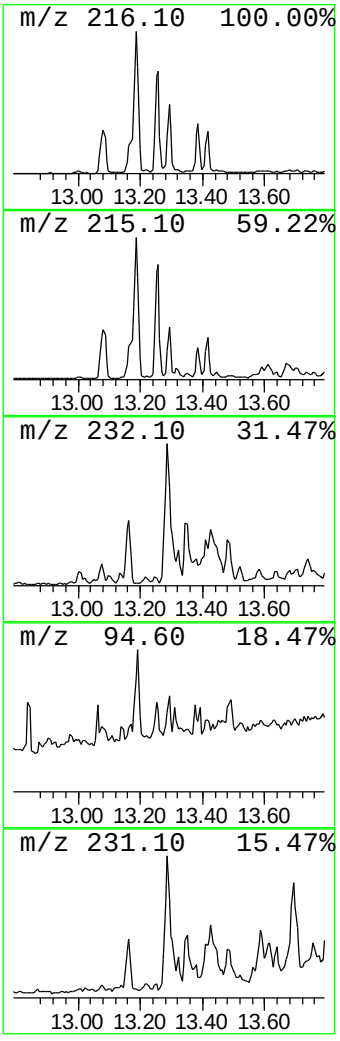
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.17 ng	300073	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





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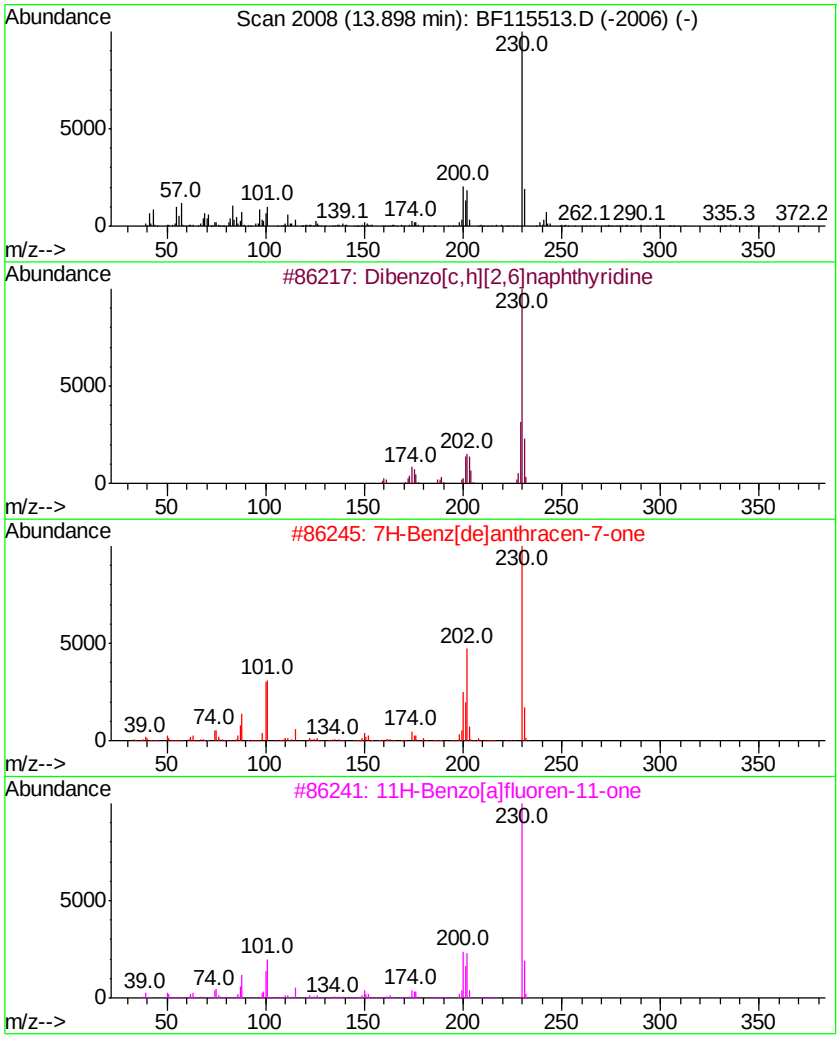
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

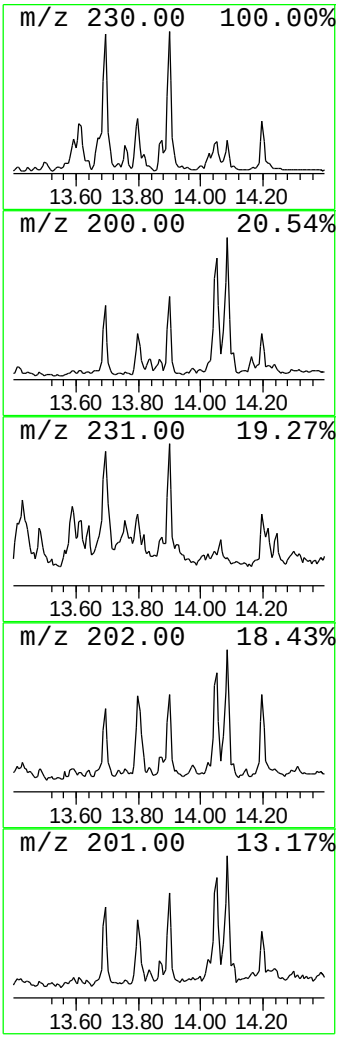
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dibenzo[c,h][2,6]naphthyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.83 ng	392031	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	56
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	49
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	46
4	3-Chlorocatechol, cyclic phenylb...	230	C12H8BClO2	1000293-25-0	35
5	p-Terphenyl	230	C18H14	000092-94-4	35





Tentatively Identified Compound (LSC) summary

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Data File : BF115513.D
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Operator : HP/JU
Sample : K3740-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-23

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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...	2.15	18.6	ng	836462	1	6.89	900704	20.0
unknown6.66	6.66	36.7	ng	1653100	1	6.89	900704	20.0
Pentadecane, 2,6,...	10.85	2.9	ng	168336	4	11.42	1169500	20.0
Dibenzothiophene	11.32	2.9	ng	171832	4	11.42	1169500	20.0
Anthracene, 2-met...	11.92	3.4	ng	200866	4	11.42	1169500	20.0
Phenanthrene, 2-m...	11.94	7.2	ng	419254	4	11.42	1169500	20.0
Phenanthrene, 1-m...	11.99	2.0	ng	116985	4	11.42	1169500	20.0
4H-Cyclopenta[def...	12.03	8.2	ng	479513	4	11.42	1169500	20.0
Naphthalene, 2-ph...	12.22	3.0	ng	173624	4	11.42	1169500	20.0
Phenanthrene, 2,5...	12.47	2.5	ng	145828	4	11.42	1169500	20.0
unknown12.51	12.51	2.5	ng	144737	4	11.42	1169500	20.0
Fluoranthene, 2-m...	13.07	2.3	ng	317553	5	14.06	2770140	20.0
11H-Benzo[b]fluorene	13.19	3.6	ng	493795	5	14.06	2770140	20.0
11H-Benzo[a]fluorene	13.25	2.6	ng	360641	5	14.06	2770140	20.0
Pyrene, 1-methyl-	13.29	2.2	ng	300073	5	14.06	2770140	20.0
Dibenzo[c,h][2,6]...	13.90	2.8	ng	392031	5	14.06	2770140	20.0