LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115260.D
Acq On : 28 Jun 2019 3:08
Operator : HP/JU
Sample : K3159-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-062619-B

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-BF062119.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	4.419	418	422	428	rBV	55496	66395	1.10%	0.086%
2	5.190	548	553	556	rBV	2240801	2120453	35.10%	2.755%
3	6.237	726	731	734	rBV	2421312	2269379	37.57%	2.948%
4	6.366	749	753	756	rBV	2663853	2360391	39.07%	3.066%
5	6.601	789	793	796	rBV	1583059	1298295	21.49%	1.687%
6	6.754	815	819	822	rBV	2329120	1818121	30.10%	2.362%
7	7.154	883	887	891	rBV	1468260	1350979	22.36%	1.755%
8	7.878	1007	1010	1013	rBV	1949635	1730256	28.64%	2.248%
9	8.589	1127	1131	1136	rBV	76659	65469	1.08%	0.085%
10	8.689	1143	1148	1153	rVB	84335	66432	1.10%	0.086%
11	8.954	1190	1193	1197	rBV	3125017	2645596	43.79%	3.437%
12	9.213	1233	1237	1242	rBV	54579	71604	1.19%	0.093%
13	9.289	1245	1250	1252	rBV	103068	92741	1.54%	0.120%
14	9.348	1257	1260	1264	rBV	474494	386339	6.40%	0.502%
15	9.483	1280	1283	1287	rBV	177306	144821	2.40%	0.188%
16	9.625	1303	1307	1310	rBV2	2340981	1987230	32.89%	2.582%
17	9.654	1310	1312	1317	rVB	308165	270955	4.49%	0.352%
18	9.830	1337	1342	1346	rBV	206660	194690	3.22%	0.253%
19	9.942	1357	1361	1364	rBV2	55895	62039	1.03%	0.081%
20	10.166	1396	1399	1402	rBV	443639	375114	6.21%	0.487%
21	10.236	1406	1411	1413	rBV	70740	92314	1.53%	0.120%
22	10.330	1424	1427	1432	rVB	132656	135958	2.25%	0.177%
23	10.407	1436	1440	1445	rVV2	2140432	1914086	31.68%	2.487%
24	10.530	1457	1461	1466	rBV5	45770	74258	1.23%	0.096%
25	10.713	1487	1492	1495	rBV3	132889	160885	2.66%	0.209%
26	10.742	1495	1497	1500	rVB2	84671	67631	1.12%	0.088%
27	10.795	1503	1506	1509	rVB2	66954	64981	1.08%	0.084%
28	10.848	1509	1515	1516	rBV2	87767	103091	1.71%	0.134%
29	10.901	1522	1524	1530	rVB2	84668	104542	1.73%	0.136%
30	10.954	1530	1533	1537	rBV	113096	136899	2.27%	0.178%
31	10.995	1537	1540	1543	rVB	223903	182375	3.02%	0.237%
32	11.101	1554	1558	1560	rBV	2474357	2363923	39.13%	3.071%
33	11.124	1560	1562	1565	rVV	3973520	2980354	49.33%	3.872%
34	11.172	1565	1570	1573	rVV	1457570	1242954	20.57%	1.615%

LSC Area Percent Report

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Sample : K3159-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-062619-B

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.207	1573	1576	1580	rVB2	96987	124070	2.05%	0.161%
36	11.324	1591	1596	1599	rBV2	235280	244861	4.05%	0.318%
37	11.395	1606	1608	1611	rVB2	91830	79828	1.32%	0.104%
38	11.424	1611	1613	1617	rVB3	111285	114233	1.89%	0.148%
39	11.513	1625	1628	1631	rVB	64124	65140	1.08%	0.085%
40	11.601	1636	1643	1645	rBV	555409	538072	8.91%	0.699%
41	11.624	1645	1647	1650	rVV	813005	678229	11.23%	0.881%
42	11.671	1653	1655	1658	rVV	389953	332998	5.51%	0.433%
43	11.707	1658	1661	1664	rVV	1225614	1196734	19.81%	1.555%
44	11.730	1664	1665	1670	rVB	411067	242045	4.01%	0.314%
45	11.895	1690	1693	1695	rBV	440420	406652	6.73%	0.528%
46	11.913	1695	1696	1700	rVB2	244069	144344	2.39%	0.188%
47	12.042	1716	1718	1721	rVB	139107	109892	1.82%	0.143%
48	12.071	1721	1723	1725	rBV	155871	118932	1.97%	0.155%
49	12.095	1725	1727	1730	rVB	126542	97138	1.61%	0.126%
50	12.148	1732	1736	1739	rBV	313402	369869	6.12%	0.480%
51	12.183	1739	1742	1744	rVV	198285	209557	3.47%	0.272%
52	12.224	1747	1749	1755	rVB3	276795	331726	5.49%	0.431%
53	12.307	1758	1763	1766	rBV	5808910	5807925	96.14%	7.545%
54	12.360	1769	1772	1776	rBV3	162945	207300	3.43%	0.269%
55	12.395	1776	1778	1781	rVB	108845	81608	1.35%	0.106%
56	12.448	1781	1787	1790	rBV3	240752	414663	6.86%	0.539%
57	12.530	1796	1801	1805	rBV2	4864624	6041202	100.00%	7.848%
58	12.577	1807	1809	1816	rVB2	255757	313358	5.19%	0.407%
59	12.648	1818	1821	1823	rBV	406649	334846	5.54%	0.435%
60	12.677	1823	1826	1830	rVB	3151146	3037947	50.29%	3.947%
61	12.754	1833	1839	1841	rBV2	399440	638750	10.57%	0.830%
62	12.771	1841	1842	1845	rVB	130057	99370	1.64%	0.129%
63	12.813	1845	1849	1850	rBV3	82313	95421	1.58%	0.124%
64	12.836	1850	1853	1854	rBV2	287473	304021	5.03%	0.395%
65	12.860	1854	1857	1860	rVB	871001	837372	13.86%	1.088%
66	12.895	1860	1863	1865	rBV3	49276	64952	1.08%	0.084%
67	12.924	1865	1868	1870	rBV	769321	669198	11.08%	0.869%
68	12.960	1870	1874	1877	rBV	604310	548941	9.09%	0.713%
69	13.018	1881	1884	1886	rBV	145806	143499	2.38%	0.186%
70	13.048	1886	1889	1892	rVB	277586	217847	3.61%	0.283%
71	13.077	1892	1894	1897	rBV	292070	260427	4.31%	0.338%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3159-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-062619-B

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.154	1905	1907	1917	rVB5	129360	224113	3.71%	0.291%
73	13.236	1918	1921	1923	rBV3	95135	141779	2.35%	0.184%
74	13.260	1923	1925	1926	rVV	129108	109572	1.81%	0.142%
75	13.277	1926	1928	1931	rVB	158659	142047	2.35%	0.185%
76	13.354	1939	1941	1947	rVB	356240	394801	6.54%	0.513%
77	13.465	1957	1960	1963	rBV2	461884	552666	9.15%	0.718%
78	13.495	1963	1965	1967	rVV	475658	454964	7.53%	0.591%
79	13.518	1967	1969	1971	rVV	486241	480001	7.95%	0.624%
80	13.565	1974	1977	1981	rVB	387575	436612	7.23%	0.567%
81	13.718	1995	2003	2006	rBV3	3505592	5543839	91.77%	7.202%
82	13.748	2006	2008	2010	rVB	2609697	1885465	31.21%	2.449%
83	13.824	2018	2021	2023	rVB	527735	432049	7.15%	0.561%
84	13.860	2024	2027	2029	rBV	200111	195936	3.24%	0.255%
85	13.907	2032	2035	2036	rBV3	203547	174140	2.88%	0.226%
86	14.065	2060	2062	2064	rBV	155997	167040	2.77%	0.217%
87	14.101	2066	2068	2071	rVV	468035	478088	7.91%	0.621%
88	14.136	2072	2074	2077	rVB	276634	228511	3.78%	0.297%
89	14.195	2082	2084	2086	rBV2	210122	150848	2.50%	0.196%
90	14.224	2086	2089	2091	rBV2	303180	276348	4.57%	0.359%
91	14.512	2136	2138	2141	rBV3	204947	222079	3.68%	0.289%
92	14.712	2168	2172	2175	rBV	1872214	2804774	46.43%	3.644%
93	14.807	2185	2188	2193	rVB2	450257	533805	8.84%	0.693%
94	14.977	2213	2217	2221	rVB	994834	1222491	20.24%	1.588%
95	15.030	2222	2226	2231	rBV	1581219	1715585	28.40%	2.229%
96	15.083	2231	2235	2238	rBV	1163774	1377041	22.79%	1.789%
97	15.107	2238	2239	2243	rVB	401047	344489	5.70%	0.448%
98	16.348	2445	2450	2458	rVB2	596664	1001312	16.57%	1.301%
99	16.724	2510	2514	2522	rVB	441468	761418	12.60%	0.989%

Sum of corrected areas: 76976330

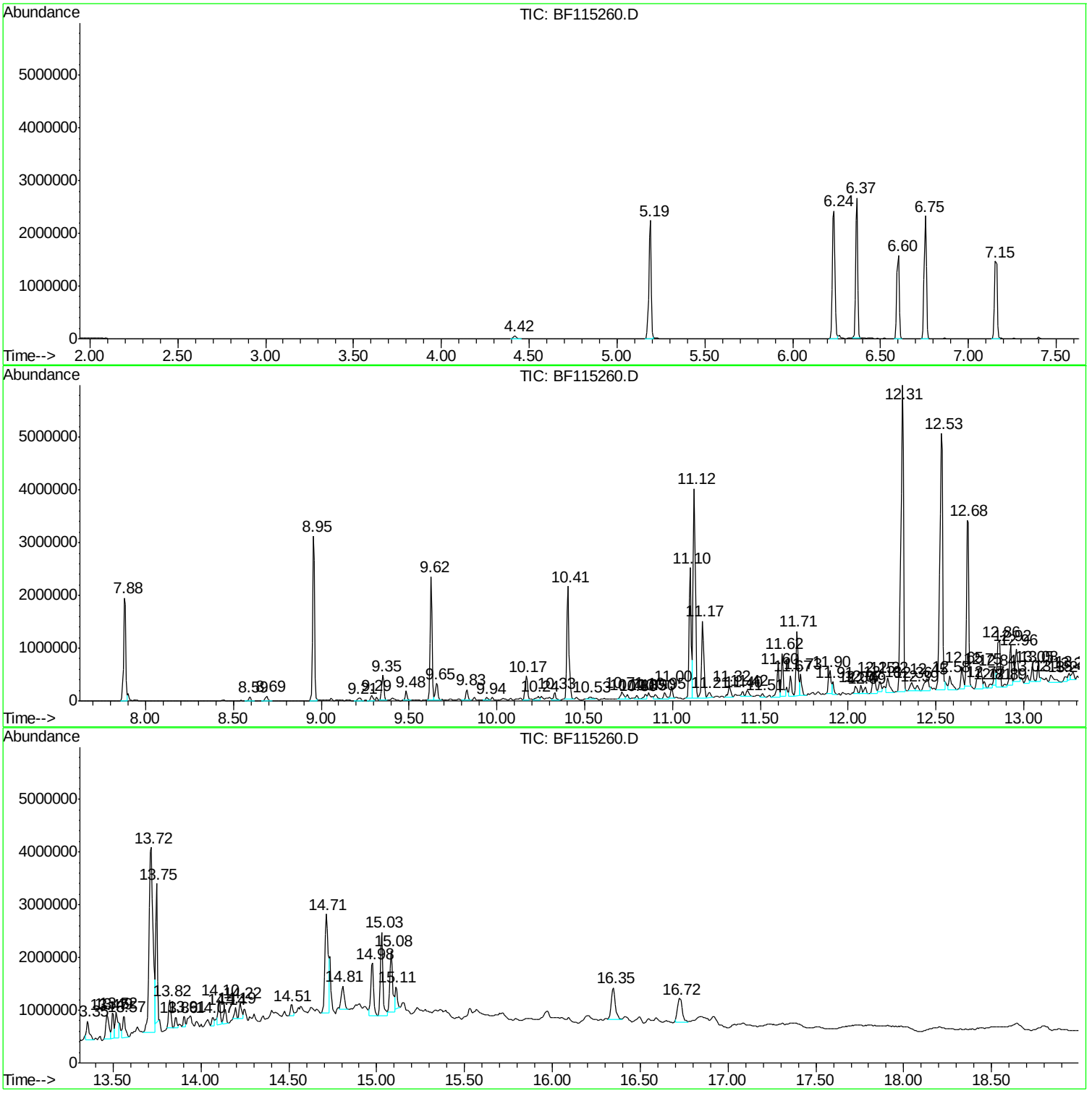
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115260.D
Acq On : 28 Jun 2019 3:08
Operator : HP/JU
Sample : K3159-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-062619-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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\BF062719\
Data File : BF115260.D
Acq On : 28 Jun 2019 3:08
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Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-062619-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

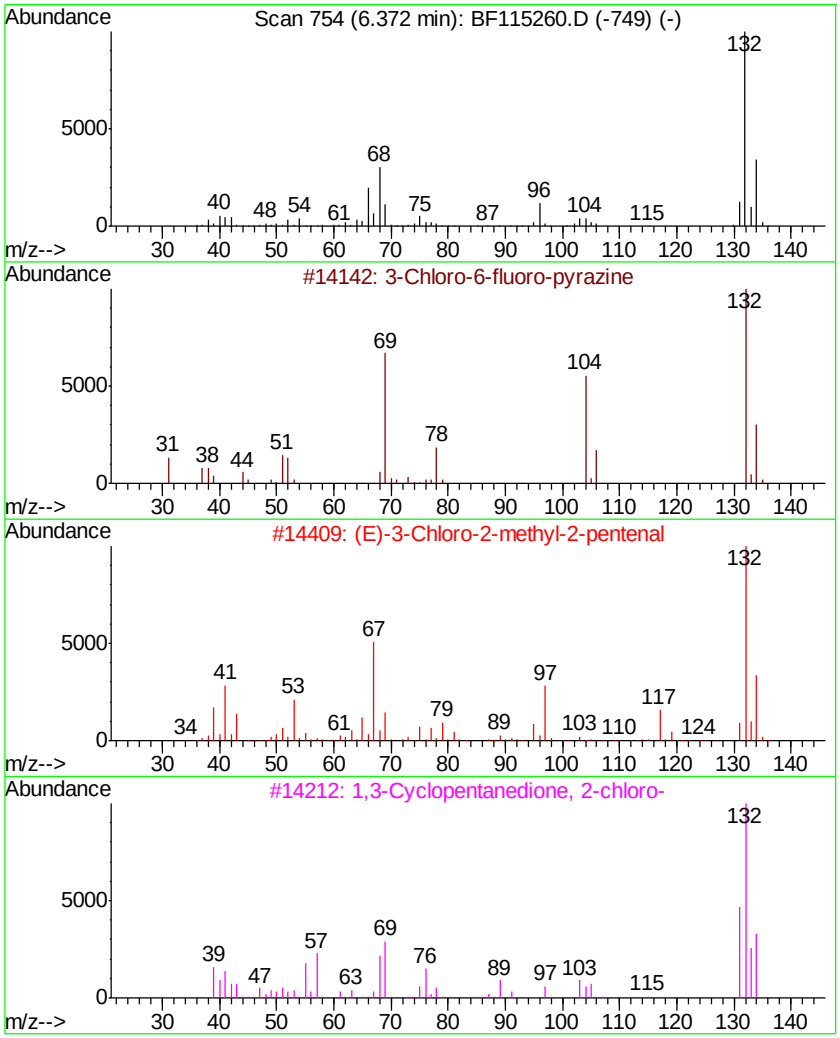
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

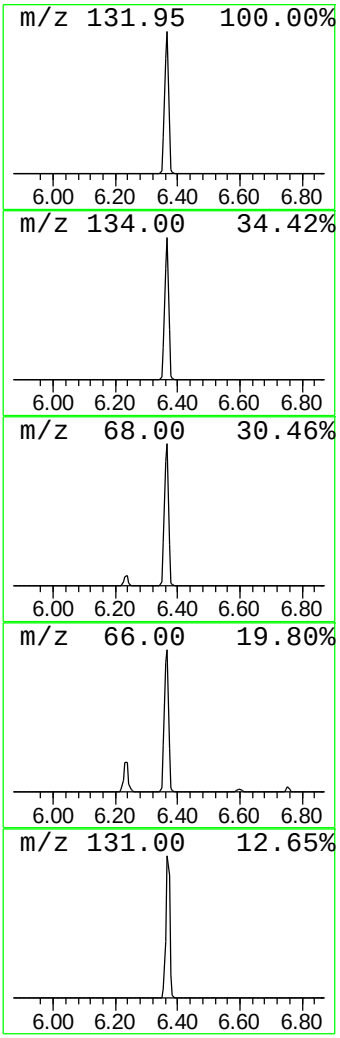
****

Peak Number 1 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	36.36 ng	2360390	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : OR-03-062619-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

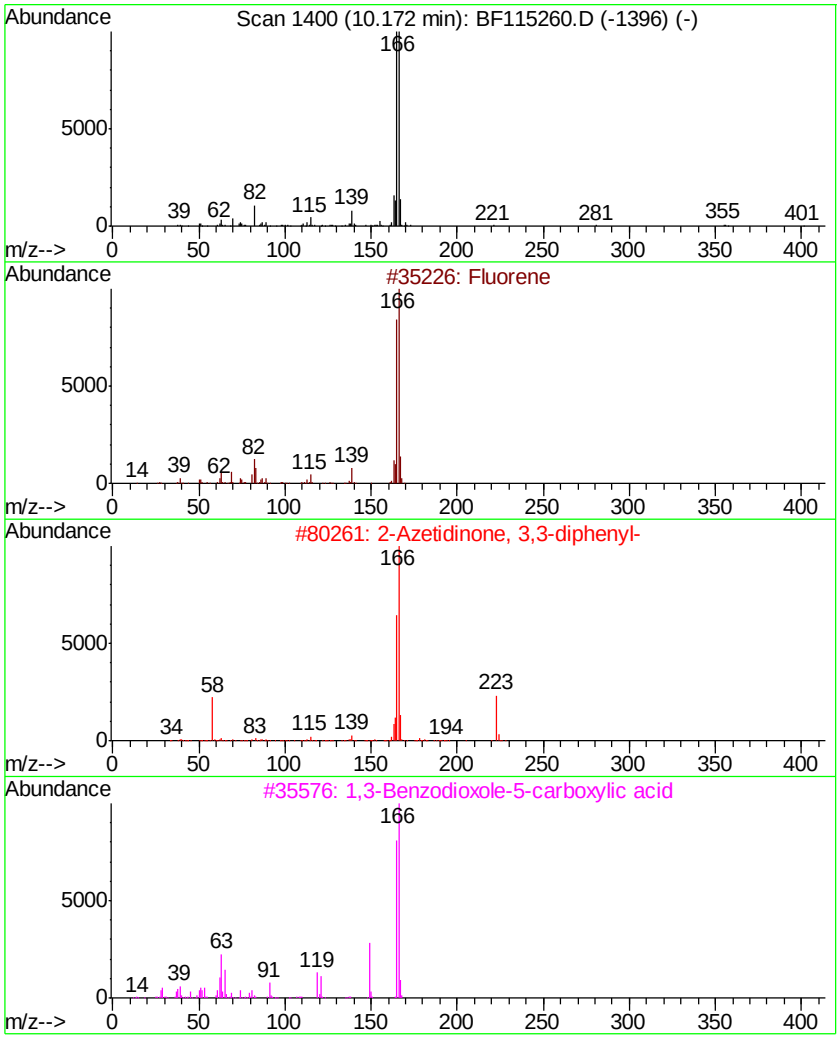
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

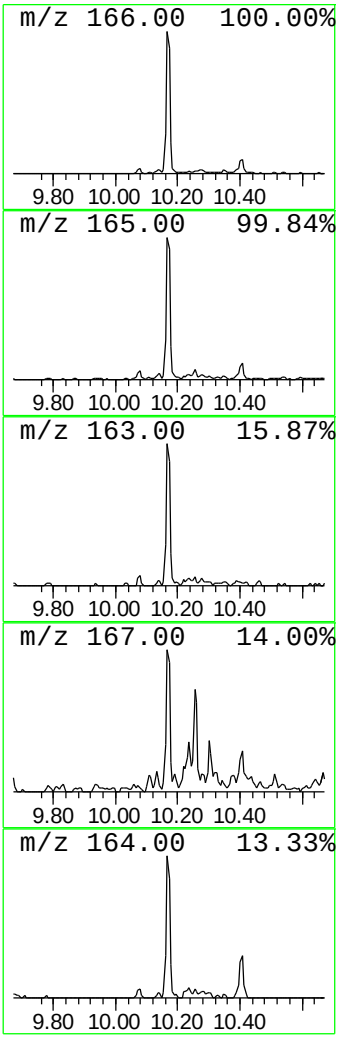
****

Peak Number 3 2-Azetidinone, 3,3-diphenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	3.78 ng	375114	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	97
2	2-Azetidinone, 3,3-diphenyl-	223	C15H13NO	015826-12-7	72
3	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	64
4	Fluorene-9-methanol	196	C14H12O	024324-17-2	64
5	9H-Fluorene, 9-(1-methylethyl)-	208	C16H16	003299-99-8	47





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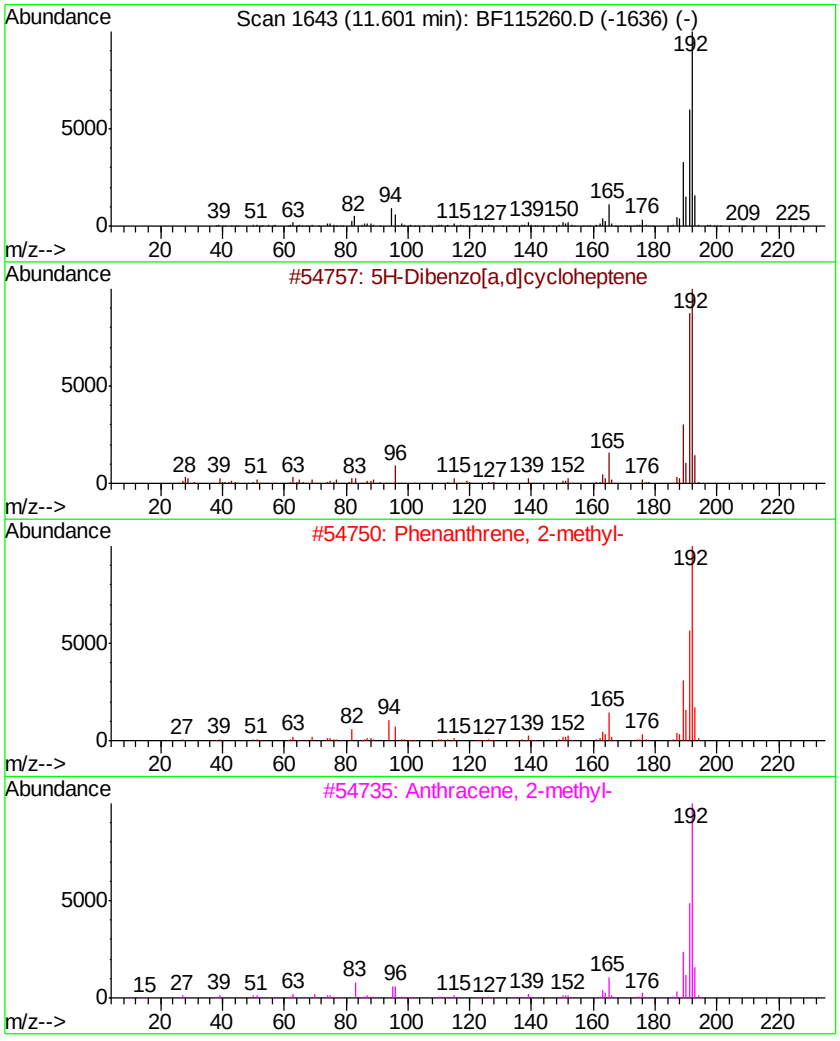
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

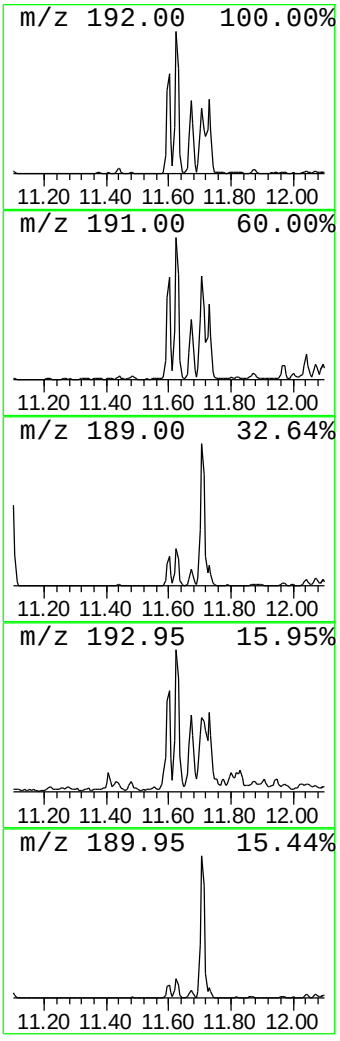
****

Peak Number 4 5H-Dibenzo[a,d]cycloheptene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	4.55 ng	538072	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

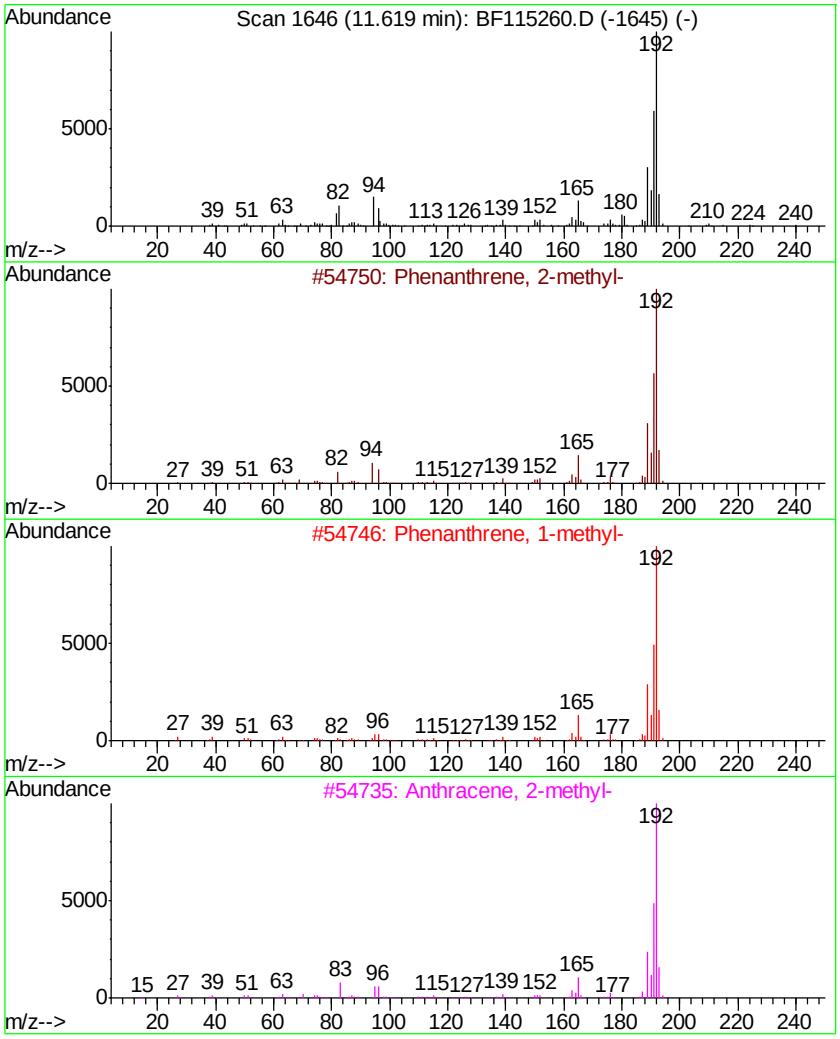
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

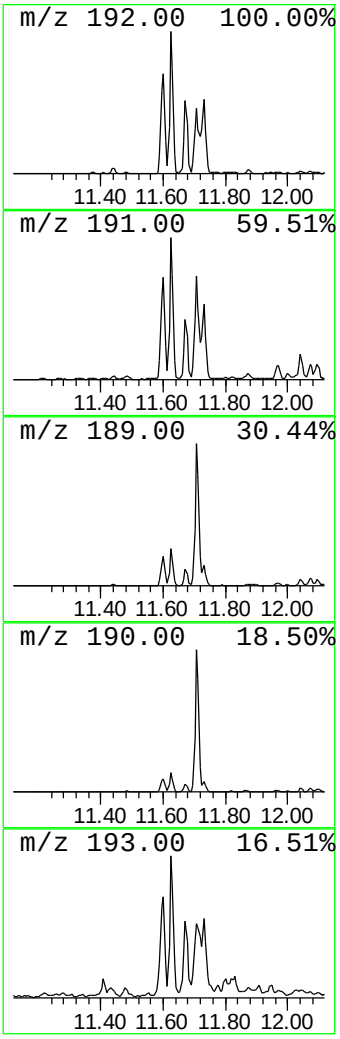
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	5.74 ng	678229	Phenanthrene-d10	11.10

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	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115260.D
Acq On : 28 Jun 2019 3:08
Operator : HP/JU
Sample : K3159-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-062619-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

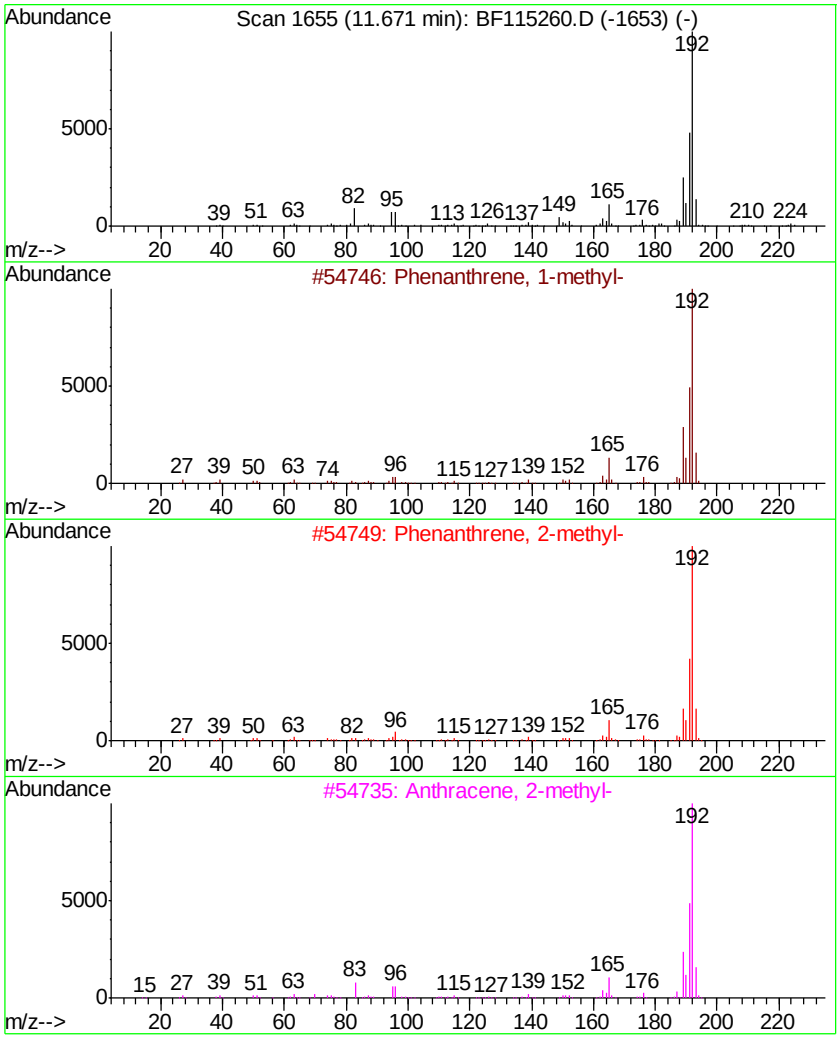
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

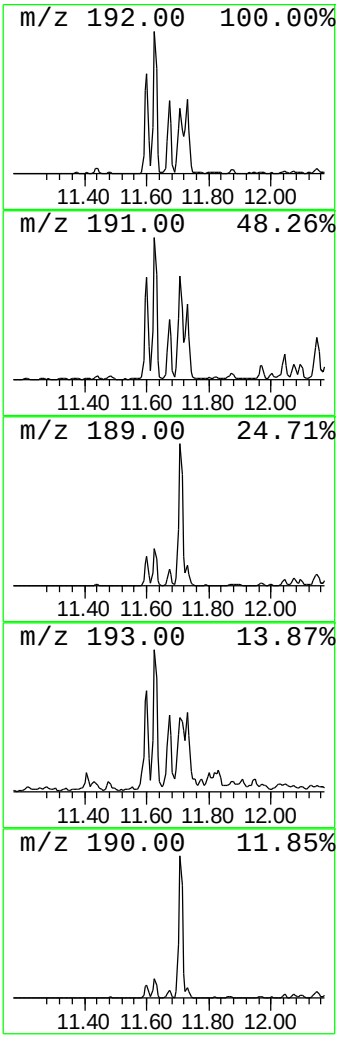
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	2.82 ng	332998	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 28 Jun 2019 3:08
Operator : HP/JU
Sample : K3159-11 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-062619-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

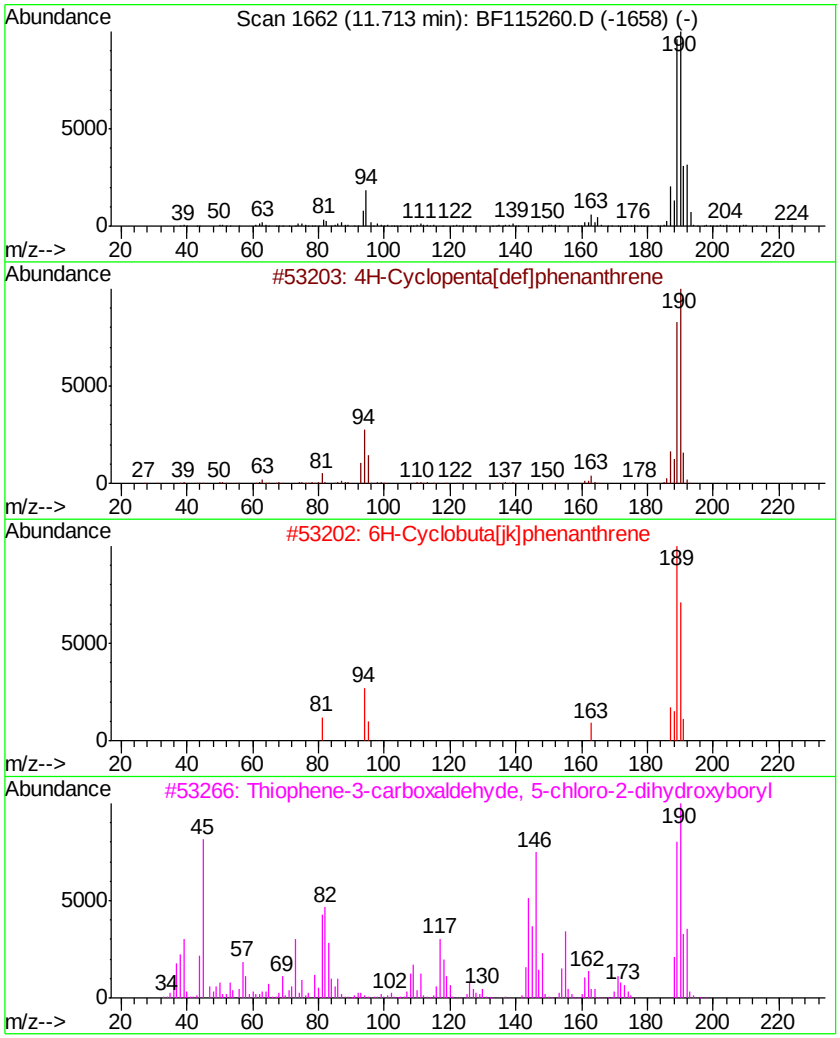
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

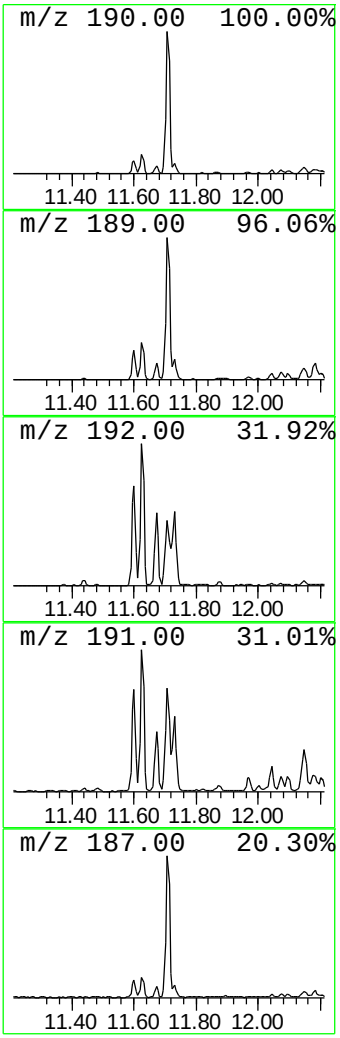
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	10.13 ng	1196730	Phenanthrene-d10	11.10

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	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Instrument : BNA_F
ClientSampleId : OR-03-062619-B

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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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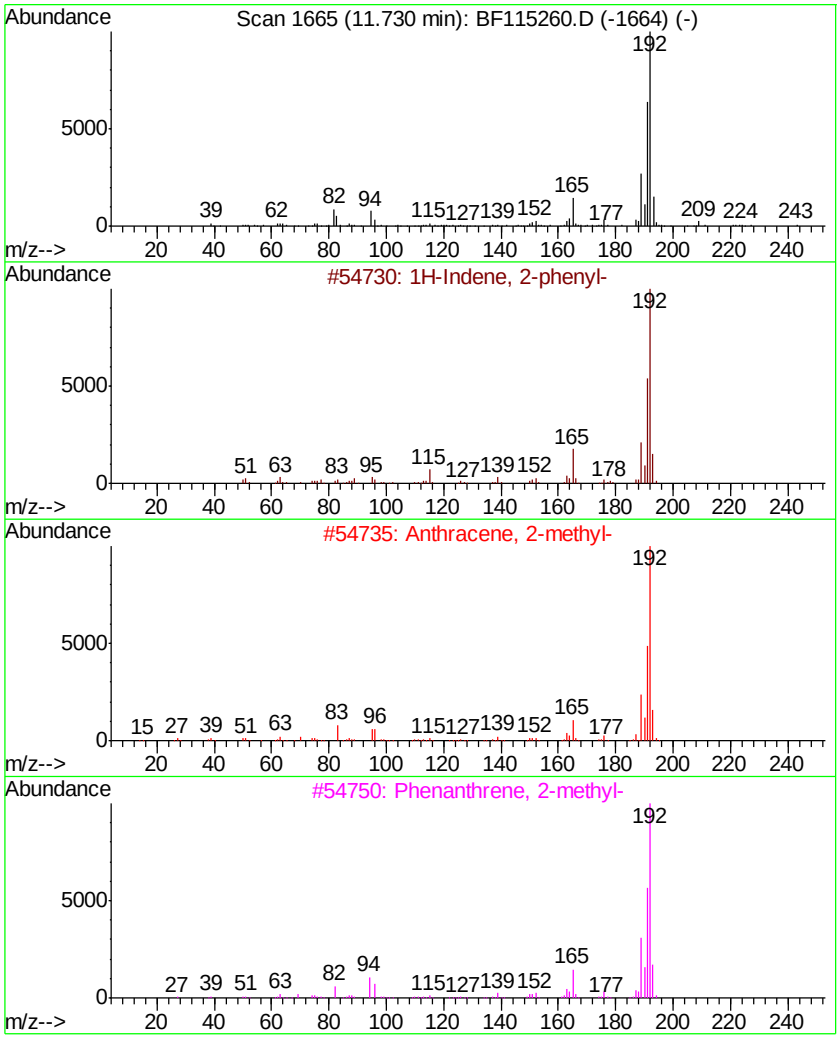
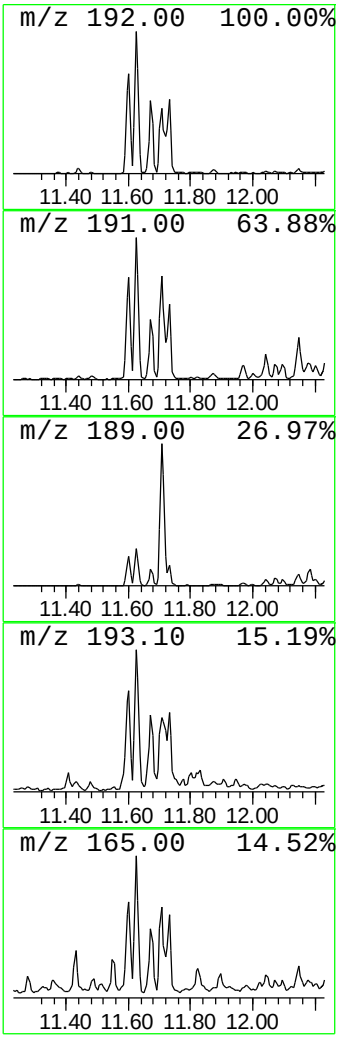
Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.05 ng	242045	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





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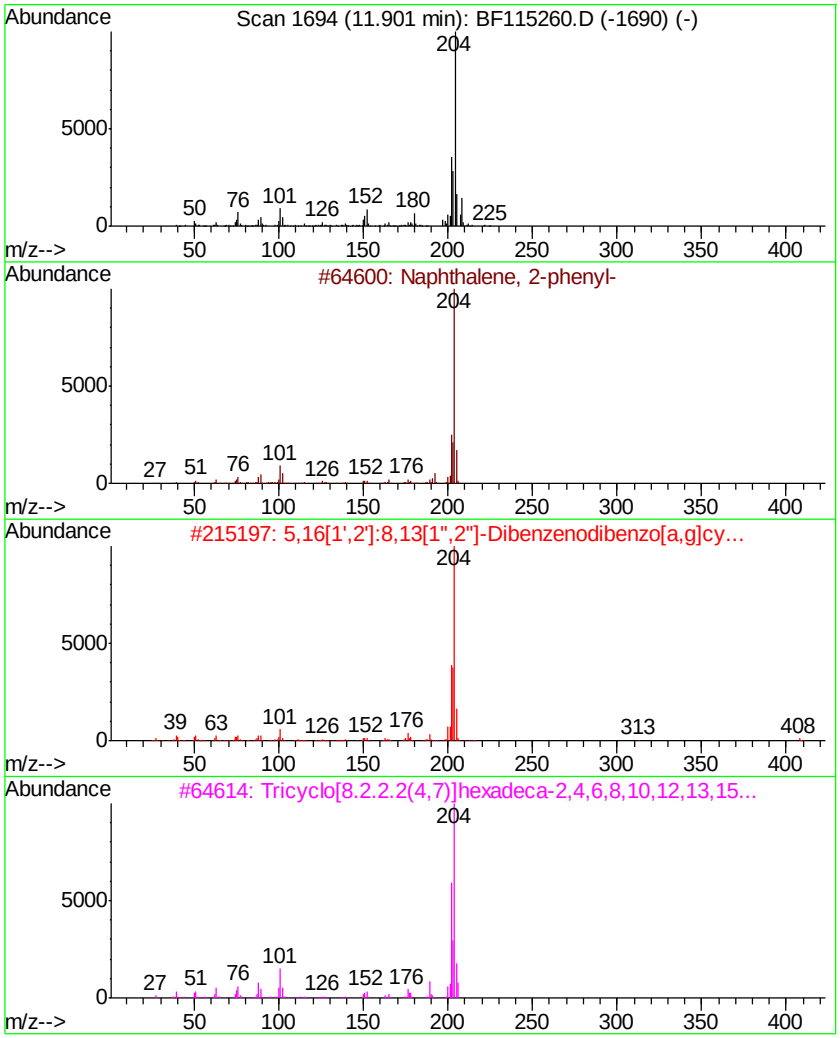
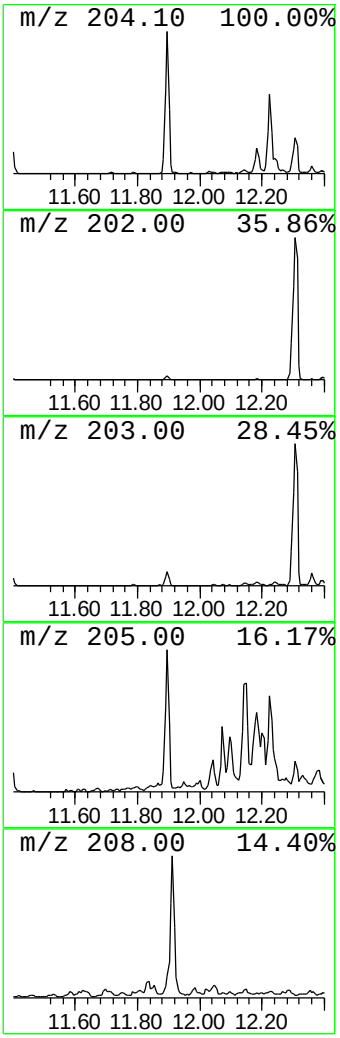
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.44 ng	406652	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	Levamisole	204	C11H12N2S	014769-73-4	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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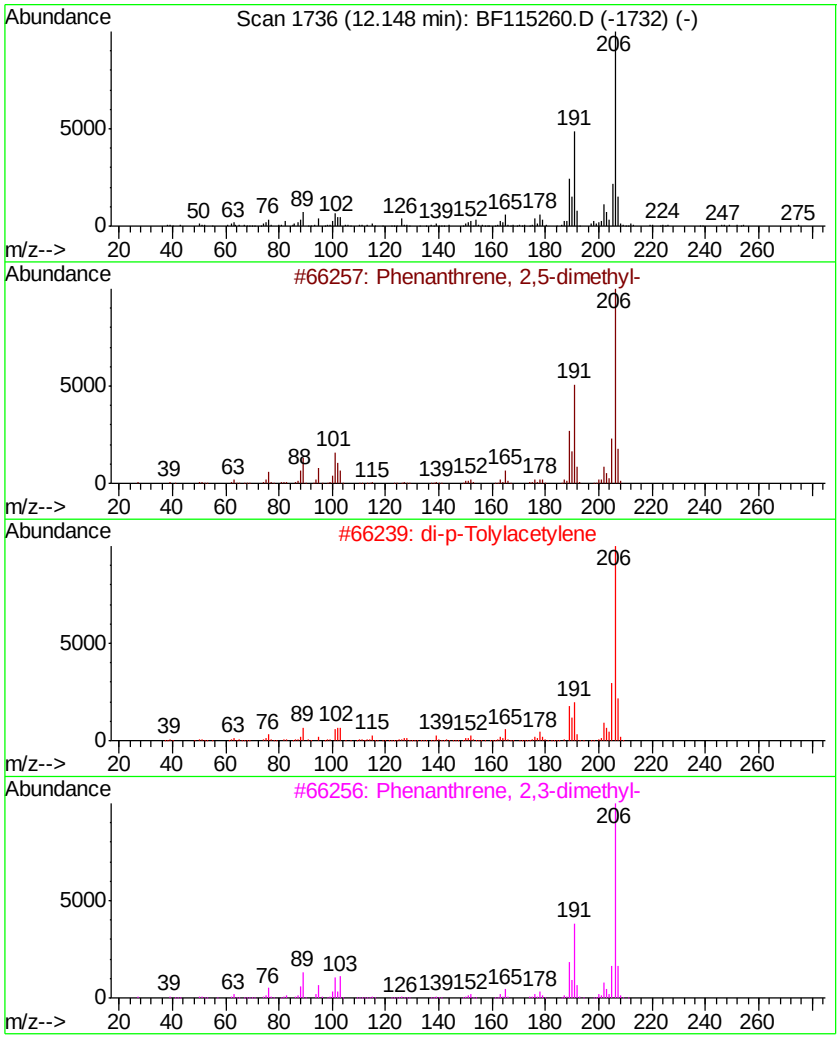
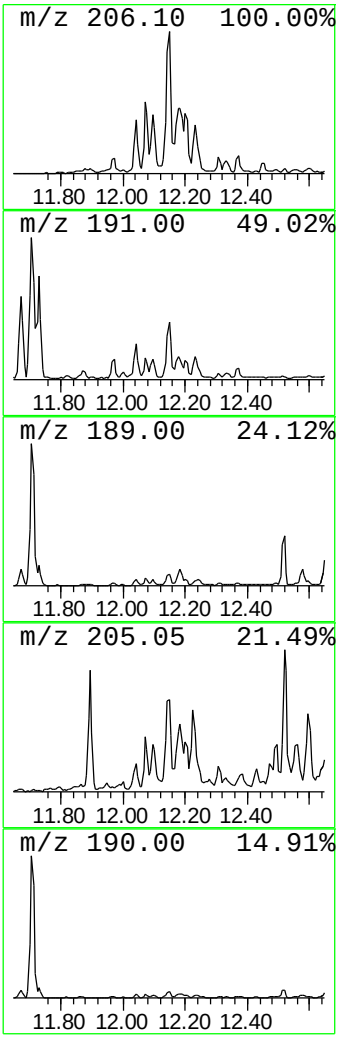
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.13 ng	369869	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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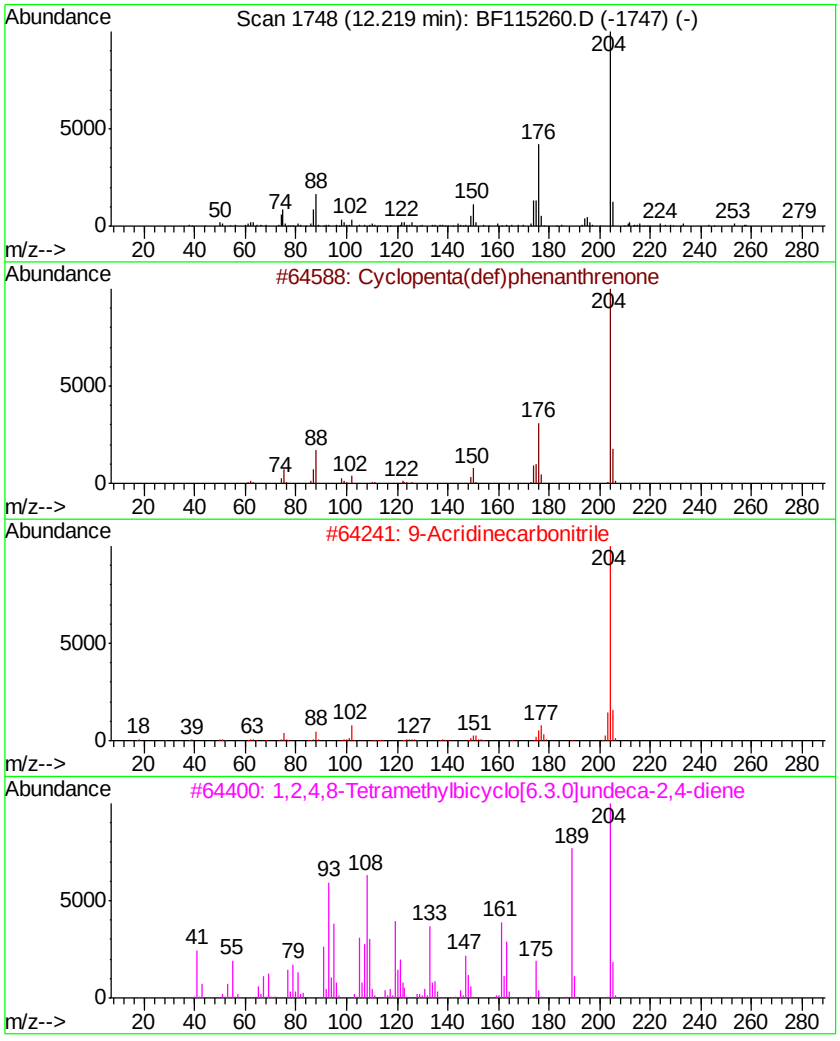
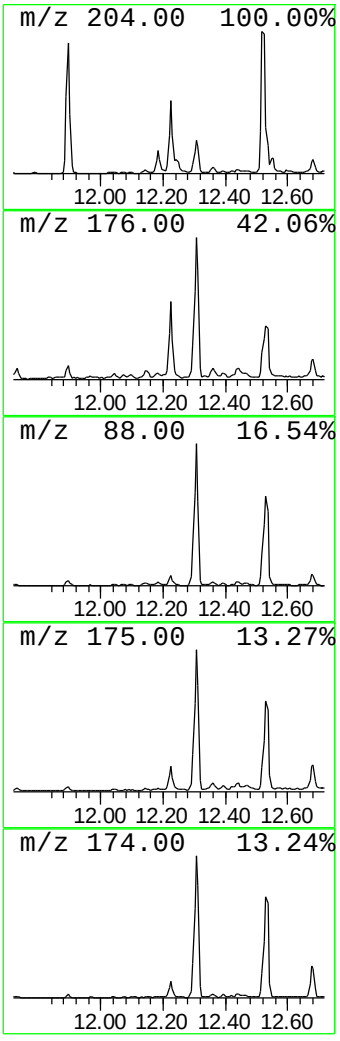
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.81 ng	331726	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50





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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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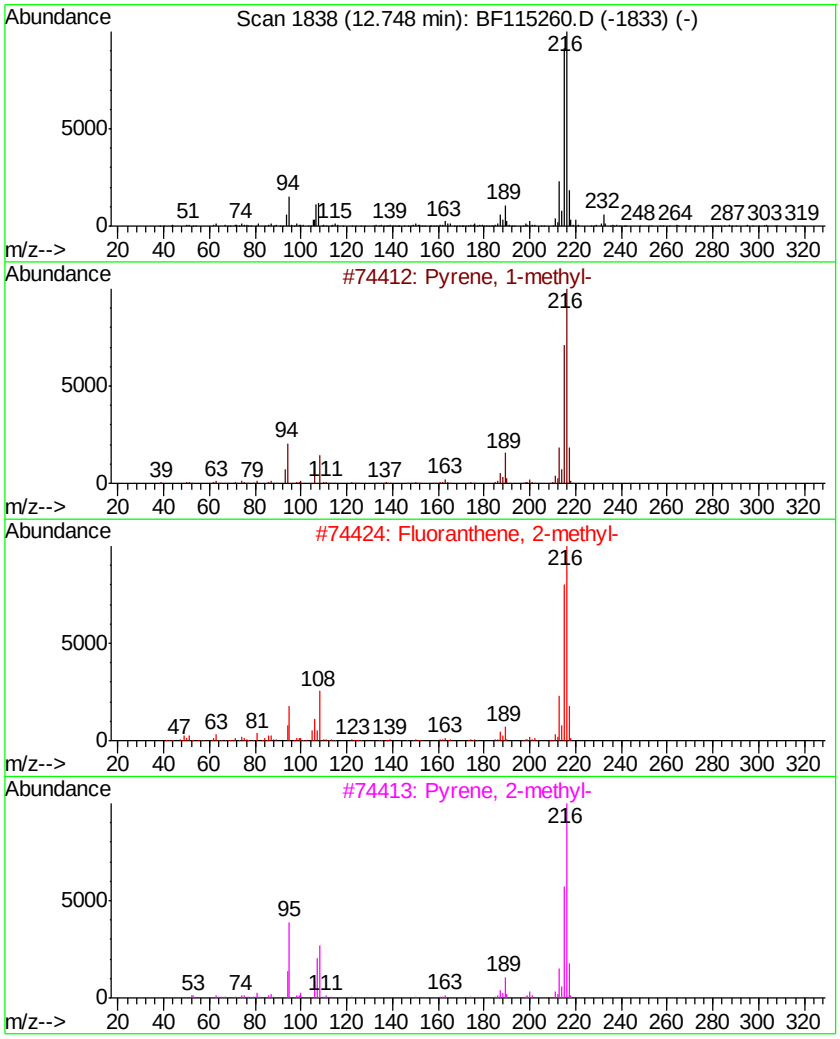
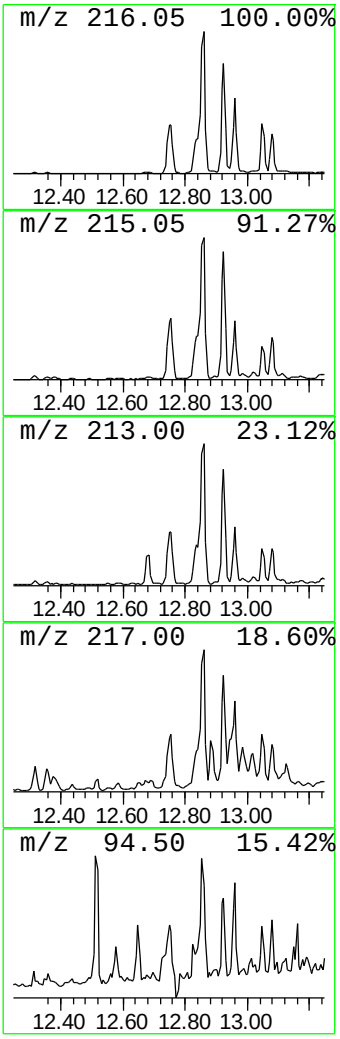
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	2.30 ng	638750	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-062619-B

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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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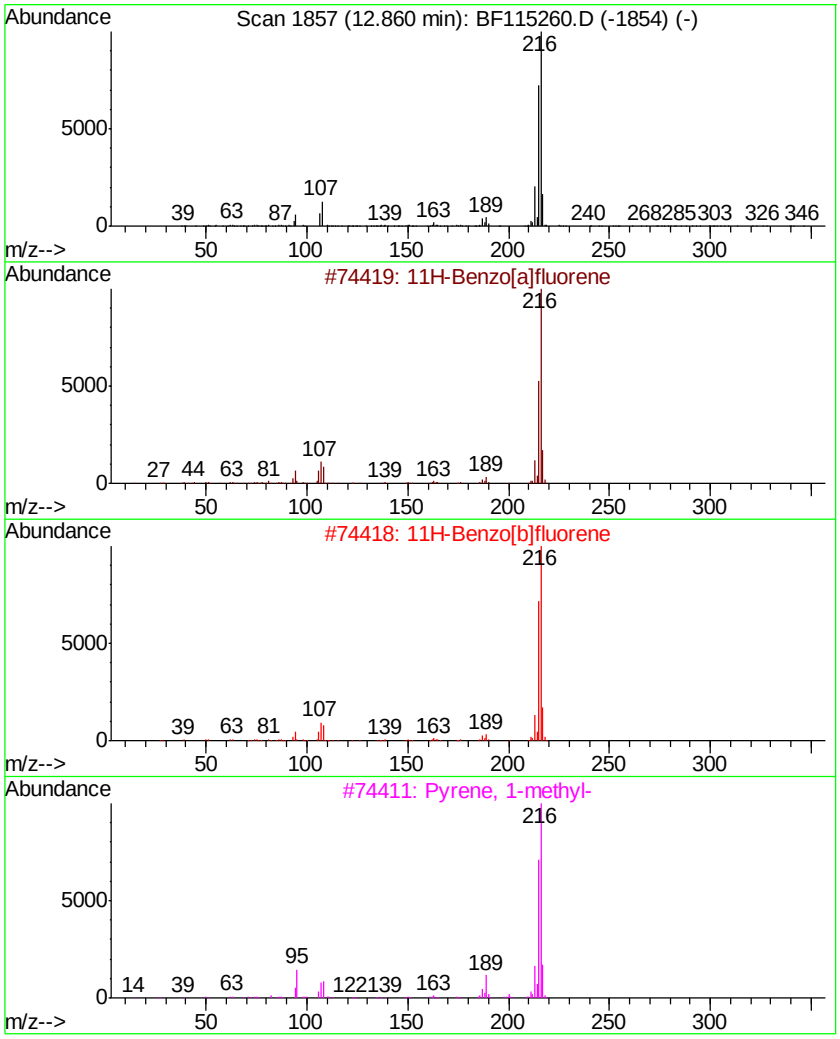
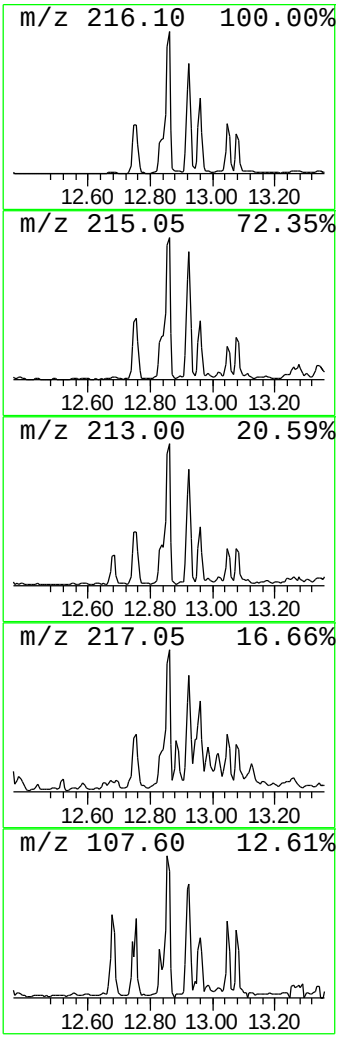
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	3.02 ng	837372	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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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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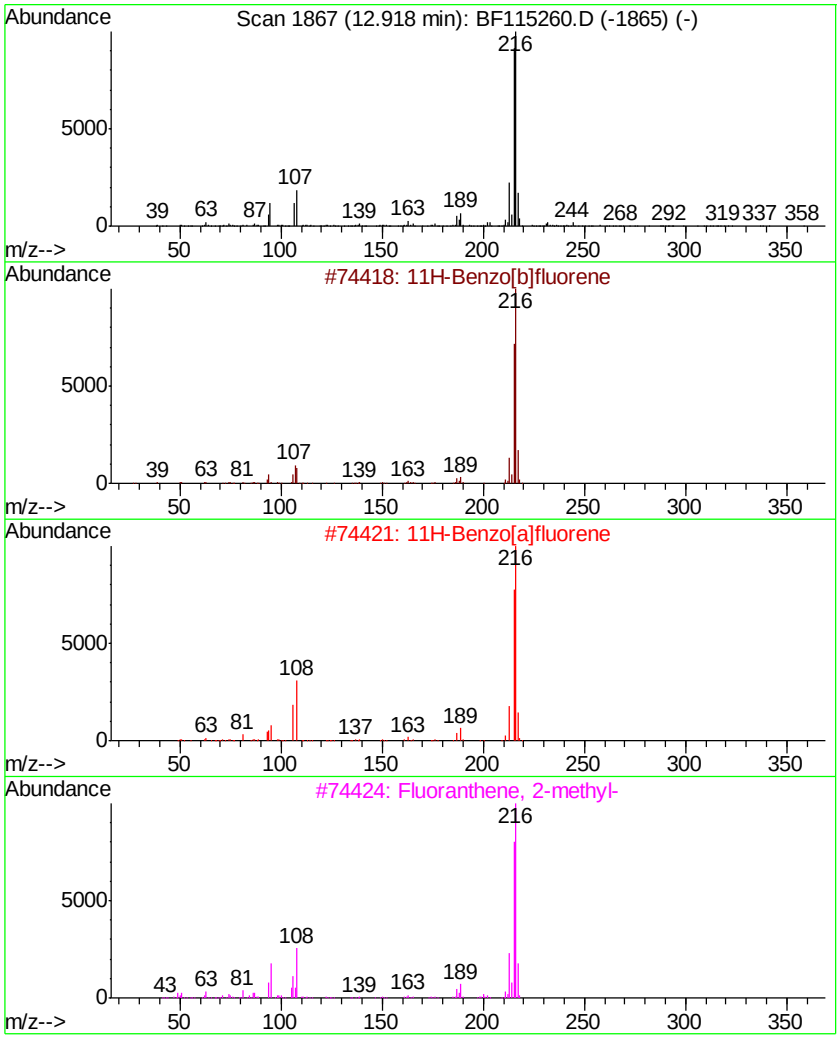
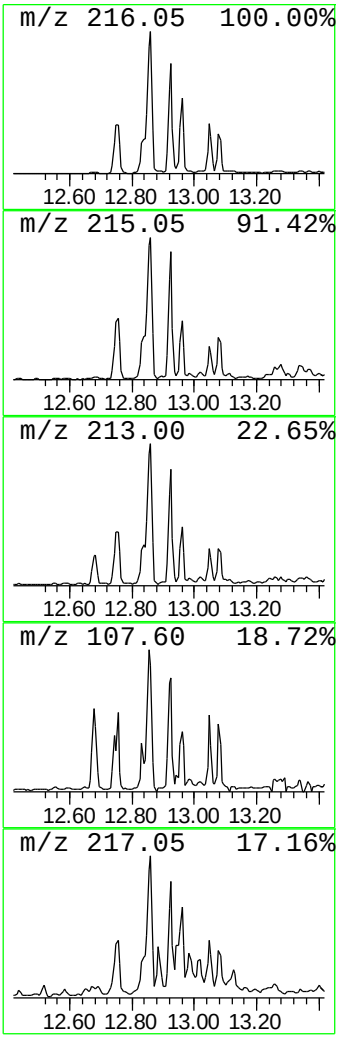
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.41 ng	669198	Chrysene-d12	13.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





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TIC Integration Parameters: LSCINT.P

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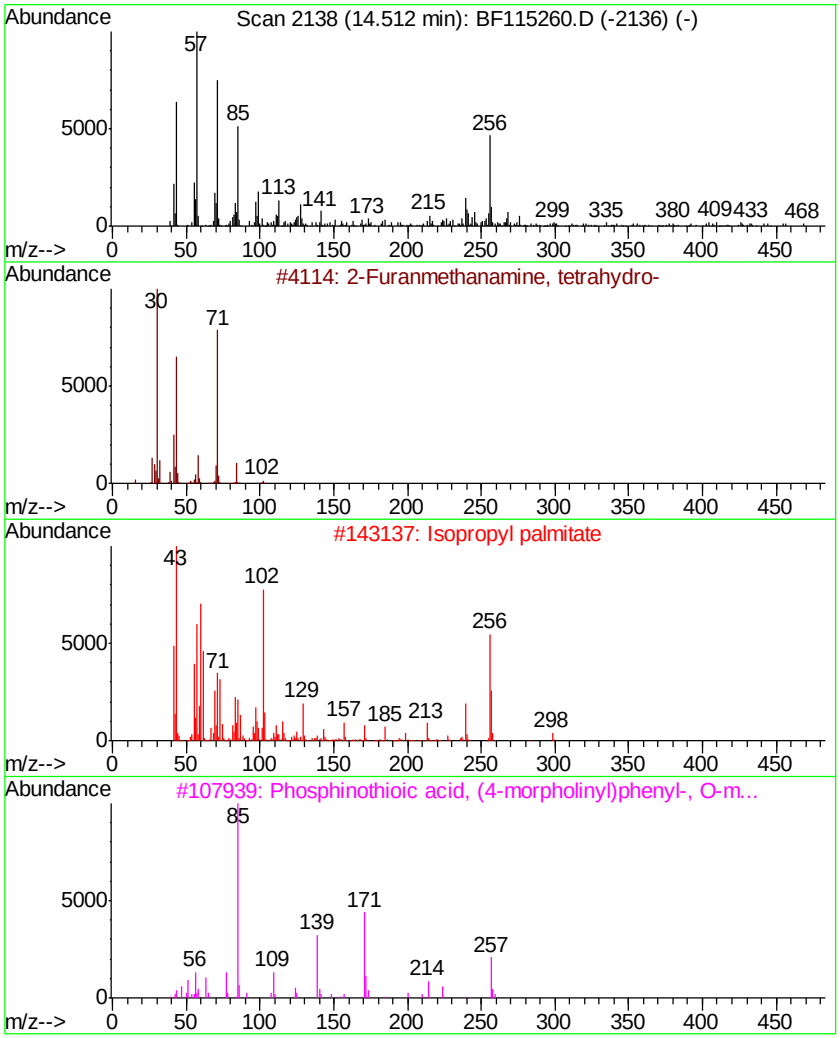
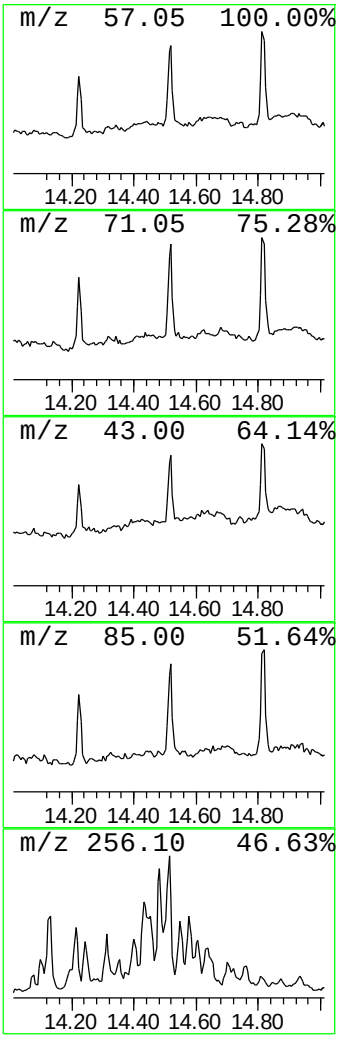
Peak Number 15 unknown14.51 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	3.23 ng	222079	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	17
2	Isopropyl palmitate	298	C19H38O2	000142-91-6	11
3	Phosphinothioic acid, (4-morphol...	257	C11H16NO2PS	137552-60-4	10
4	11,15-Dimethylheptatriacontane	549	C39H80	056987-89-4	9
5	Furan, tetrahydro-2-methyl-5-[(p...	256	C12H16OSe	114524-25-3	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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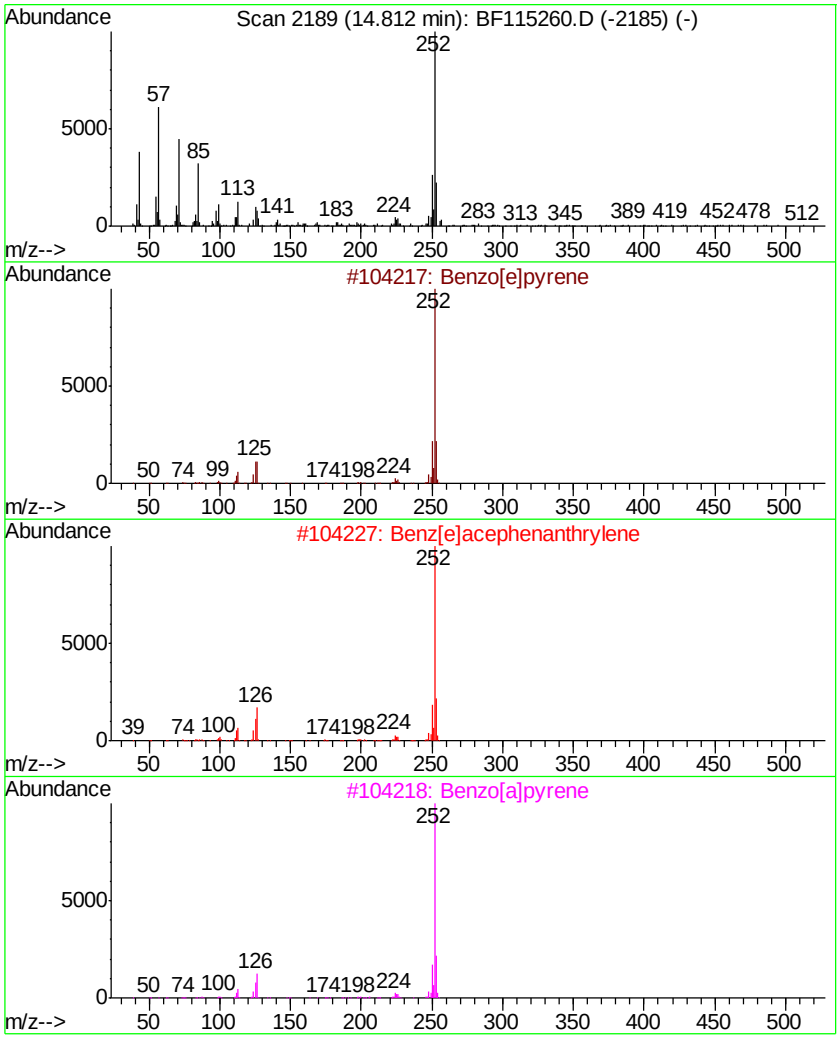
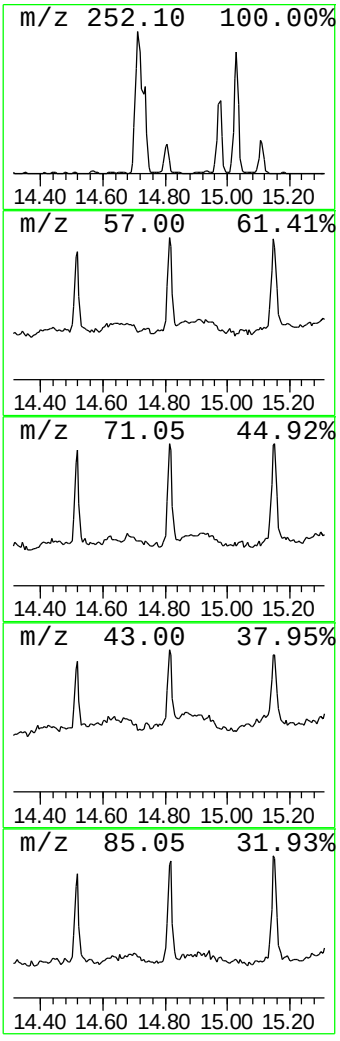
Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	7.75 ng	533805	Perylene-d12	15.08

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	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	81





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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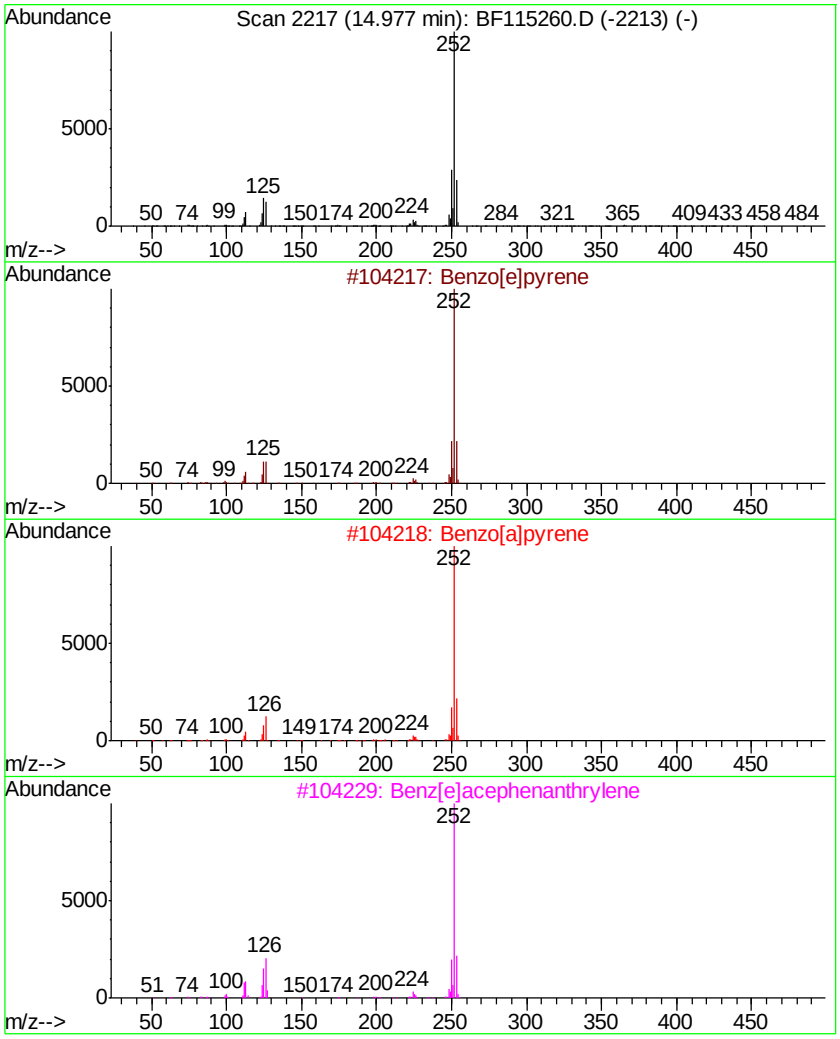
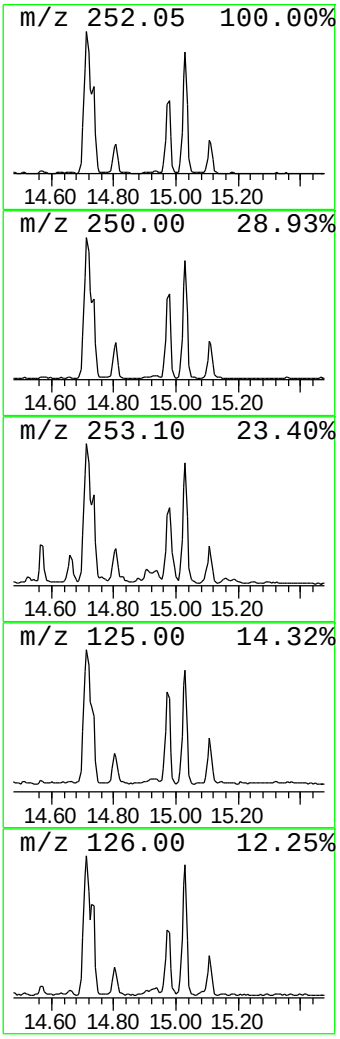
Peak Number 17 unknown14.98 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	17.76 ng	1222490	Perylene-d12	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	87





Tentatively Identified Compound (LSC) summary

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Data File : BF115260.D
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Operator : HP/JU
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Misc :
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ClientSampleId : OR-03-062619-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown6.37	6.37	36.4	ng	2360390	1	6.60	1298300	20.0
2-Azetidinone, 3,...	10.17	3.8	ng	375114	3	9.62	1987230	20.0
5H-Dibenzo[a,d]cy...	11.60	4.5	ng	538072	4	11.10	2363920	20.0
Phenanthrene, 2-m...	11.62	5.7	ng	678229	4	11.10	2363920	20.0
Phenanthrene, 1-m...	11.67	2.8	ng	332998	4	11.10	2363920	20.0
4H-Cyclopenta[def...	11.71	10.1	ng	1196730	4	11.10	2363920	20.0
1H-Indene, 2-phenyl-	11.73	2.0	ng	242045	4	11.10	2363920	20.0
Naphthalene, 2-ph...	11.90	3.4	ng	406652	4	11.10	2363920	20.0
Phenanthrene, 2,5...	12.15	3.1	ng	369869	4	11.10	2363920	20.0
Cyclopenta(def)ph...	12.22	2.8	ng	331726	4	11.10	2363920	20.0
Pyrene, 1-methyl-	12.75	2.3	ng	638750	5	13.72	5543840	20.0
11H-Benzo[a]fluorene	12.86	3.0	ng	837372	5	13.72	5543840	20.0
11H-Benzo[b]fluorene	12.92	2.4	ng	669198	5	13.72	5543840	20.0
unknown14.51	14.51	3.2	ng	222079	6	15.08	1377040	20.0
Benzo[e]pyrene	14.81	7.8	ng	533805	6	15.08	1377040	20.0
unknown14.98	14.98	17.8	ng	1222490	6	15.08	1377040	20.0