LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112642.D
Acq On : 20 Feb 2019 15:22
Operator : JU/SJ
Sample : K1349-09 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021919-A

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-BF012519.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	592	rBV	114636	235058	19.34%	1.367%
2	6.487	745	748	765	rBV	121463	273187	22.48%	1.589%
3	6.604	765	768	783	rVB	263059	329658	27.12%	1.918%
4	6.822	801	805	818	rBV	465113	458558	37.73%	2.667%
5	6.975	828	831	847	rBV	240442	256606	21.11%	1.493%
6	7.392	899	902	918	rBV	106872	183358	15.09%	1.067%
7	8.104	1019	1023	1040	rVB	588596	693657	57.07%	4.035%
8	8.822	1142	1145	1152	rBV	33592	41043	3.38%	0.239%
9	8.922	1158	1162	1168	rBV	32703	36986	3.04%	0.215%
10	9.175	1202	1205	1215	rBV	441814	409988	33.73%	2.385%
11	9.251	1215	1218	1221	rVV2	16669	15686	1.29%	0.091%
12	9.451	1247	1252	1257	rBV	16734	23604	1.94%	0.137%
13	9.522	1259	1264	1266	rBV	27069	29547	2.43%	0.172%
14	9.575	1271	1273	1280	rVB	30330	31130	2.56%	0.181%
15	9.633	1280	1283	1289	rBV3	13551	18966	1.56%	0.110%
16	9.722	1295	1298	1303	rBV2	22845	21355	1.76%	0.124%
17	9.857	1317	1321	1324	rBV	820629	697186	57.36%	4.055%
18	9.886	1324	1326	1334	rVB	243537	245279	20.18%	1.427%
19	9.957	1334	1338	1344	rVB6	11047	18556	1.53%	0.108%
20	10.016	1344	1348	1351	rBV2	17931	20252	1.67%	0.118%
21	10.069	1353	1357	1361	rBV	105826	108175	8.90%	0.629%
22	10.104	1361	1363	1367	rVB3	17832	16855	1.39%	0.098%
23	10.275	1386	1392	1396	rBV4	21261	34578	2.84%	0.201%
24	10.410	1411	1415	1421	rBV	200992	199512	16.41%	1.160%
25	10.475	1421	1426	1427	rBV2	19006	25490	2.10%	0.148%
26	10.492	1427	1429	1432	rVB2	32855	28733	2.36%	0.167%
27	10.569	1440	1442	1446	rVB	28364	25549	2.10%	0.149%
28	10.657	1452	1457	1462	rBV2	216833	259185	21.32%	1.508%
29	10.751	1470	1473	1474	rBV	20322	19751	1.62%	0.115%
30	10.957	1500	1508	1511	rBV2	37514	55051	4.53%	0.320%
31	11.039	1519	1522	1524	rVB3	18667	16945	1.39%	0.099%
32	11.086	1524	1530	1532	rBV4	14094	27049	2.23%	0.157%
33	11.198	1546	1549	1552	rVV2	36932	36356	2.99%	0.211%
34	11.245	1555	1557	1562	rVB	74350	64329	5.29%	0.374%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112642.D
Acq On : 20 Feb 2019 15:22
Operator : JU/SJ
Sample : K1349-09 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021919-A

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.345	1570	1574	1576	rBV	773629	686728	56.50%	3.994%
36	11.369	1576	1578	1583	rVV	1300728	1171402	96.37%	6.814%
37	11.428	1584	1588	1593	rVV	311343	352963	29.04%	2.053%
38	11.469	1593	1595	1599	rVB2	25427	29334	2.41%	0.171%
39	11.586	1611	1615	1619	rBV	136484	148139	12.19%	0.862%
40	11.622	1619	1621	1626	rVV2	20237	30377	2.50%	0.177%
41	11.680	1626	1631	1636	rVV5	18240	35090	2.89%	0.204%
42	11.722	1636	1638	1642	rVV3	17297	17427	1.43%	0.101%
43	11.757	1642	1644	1649	rVB4	14242	17500	1.44%	0.102%
44	11.851	1656	1660	1662	rBV	120065	128941	10.61%	0.750%
45	11.880	1662	1665	1670	rVV	152585	171667	14.12%	0.999%
46	11.927	1670	1673	1676	rVV	62376	61927	5.09%	0.360%
47	11.963	1676	1679	1682	rVV	213091	237424	19.53%	1.381%
48	11.986	1682	1683	1688	rVB	76737	47918	3.94%	0.279%
49	12.027	1688	1690	1694	rBV4	18345	20462	1.68%	0.119%
50	12.139	1706	1709	1714	rBV	73941	72078	5.93%	0.419%
51	12.192	1714	1718	1720	rBV2	28265	31297	2.57%	0.182%
52	12.292	1733	1735	1737	rBV	25706	18298	1.51%	0.106%
53	12.327	1738	1741	1743	rVB	21557	18377	1.51%	0.107%
54	12.351	1743	1745	1748	rVB3	24095	20450	1.68%	0.119%
55	12.404	1749	1754	1756	rBV2	104331	133040	10.95%	0.774%
56	12.427	1756	1758	1762	rVB4	55572	59482	4.89%	0.346%
57	12.486	1765	1768	1769	rBV3	24178	25290	2.08%	0.147%
58	12.563	1778	1781	1786	rBV	1193258	1115596	91.78%	6.489%
59	12.633	1790	1793	1794	rBV2	15754	21116	1.74%	0.123%
60	12.716	1803	1807	1809	rBV	63626	61727	5.08%	0.359%
61	12.792	1813	1820	1826	rVV	928630	1106022	90.99%	6.433%
62	12.845	1826	1829	1833	rVB3	51819	53305	4.39%	0.310%
63	12.922	1838	1842	1846	rVV2	469395	424915	34.96%	2.472%
64	12.963	1846	1849	1853	rVB	46411	51273	4.22%	0.298%
65	13.016	1853	1858	1862	rBV2	57700	101613	8.36%	0.591%
66	13.051	1862	1864	1869	rVB2	23955	25421	2.09%	0.148%
67	13.098	1869	1872	1873	rBV2	51782	51226	4.21%	0.298%
68	13.121	1873	1876	1882	rVV	166933	189279	15.57%	1.101%
69	13.186	1882	1887	1890	rVV	157482	159443	13.12%	0.927%
70	13.227	1890	1894	1901	rVV4	89371	170043	13.99%	0.989%
71	13.280	1901	1903	1907	rVV5	23796	27087	2.23%	0.158%

LSC Area Percent Report

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Acq On : 20 Feb 2019 15:22
Operator : JU/SJ
Sample : K1349-09 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021919-A

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.321	1907	1910	1912	rVV	51181	49960	4.11%	0.291%
73	13.351	1912	1915	1924	rVB3	56207	96263	7.92%	0.560%
74	13.480	1933	1937	1942	rBV5	24269	47876	3.94%	0.278%
75	13.545	1942	1948	1950	rVV4	35762	62348	5.13%	0.363%
76	13.604	1956	1958	1961	rVV4	21791	21665	1.78%	0.126%
77	13.639	1961	1964	1967	rVV2	33270	38690	3.18%	0.225%
78	13.745	1977	1982	1984	rBV	88224	117237	9.65%	0.682%
79	13.769	1984	1986	1988	rVV	77196	75008	6.17%	0.436%
80	13.810	1988	1993	1998	rVV3	85339	164546	13.54%	0.957%
81	13.851	1998	2000	2005	rVB	39597	45577	3.75%	0.265%
82	13.916	2006	2011	2014	rBV2	38980	63284	5.21%	0.368%
83	13.992	2017	2024	2027	rVV2	796928	1215477	100.00%	7.070%
84	14.021	2027	2029	2035	rVB	403722	371849	30.59%	2.163%
85	14.098	2040	2042	2045	rVV	87270	81172	6.68%	0.472%
86	14.127	2045	2047	2049	rVV2	47221	36543	3.01%	0.213%
87	14.163	2050	2053	2055	rVV3	27278	28068	2.31%	0.163%
88	14.380	2086	2090	2094	rBV2	73531	92262	7.59%	0.537%
89	14.427	2094	2098	2101	rBV2	85009	105011	8.64%	0.611%
90	14.480	2105	2107	2110	rBV2	44977	47223	3.89%	0.275%
91	14.516	2110	2113	2114	rBV2	41867	50612	4.16%	0.294%
92	14.733	2147	2150	2153	rVB	104699	103111	8.48%	0.600%
93	15.039	2198	2202	2204	rBV	382442	483699	39.79%	2.814%
94	15.151	2218	2221	2227	rVB	84932	100875	8.30%	0.587%
95	15.345	2250	2254	2258	rBV	207219	241353	19.86%	1.404%
96	15.410	2261	2265	2268	rBV	300210	385321	31.70%	2.241%
97	15.468	2271	2275	2279	rBV	398645	464700	38.23%	2.703%
98	15.857	2338	2341	2345	rVB2	80380	112033	9.22%	0.652%
99	16.962	2526	2529	2537	rVB	130627	243941	20.07%	1.419%
100	17.421	2602	2607	2613	rVB	87144	195473	16.08%	1.137%

Sum of corrected areas: 17192072

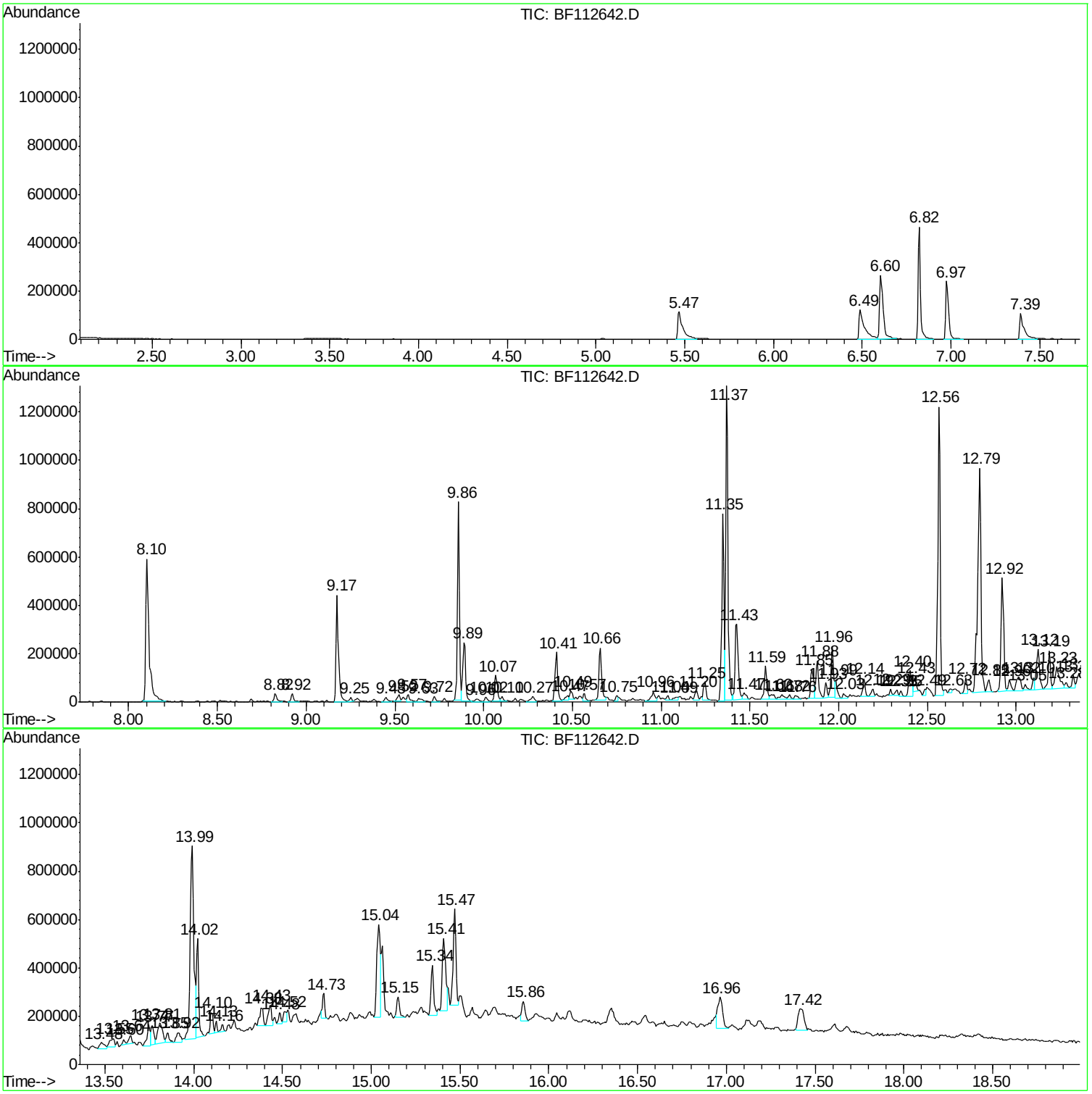
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112642.D
Acq On : 20 Feb 2019 15:22
Operator : JU/SJ
Sample : K1349-09 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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\BF022019\
Data File : BF112642.D
Acq On : 20 Feb 2019 15:22
Operator : JU/SJ
Sample : K1349-09 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

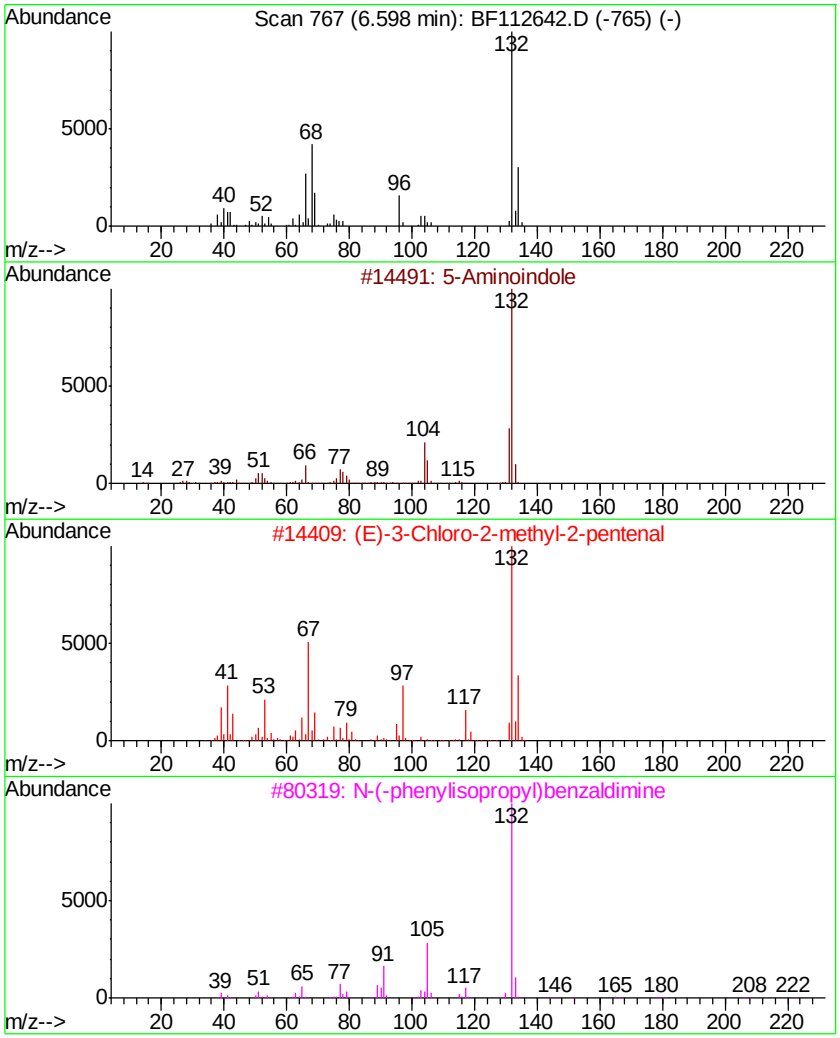
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

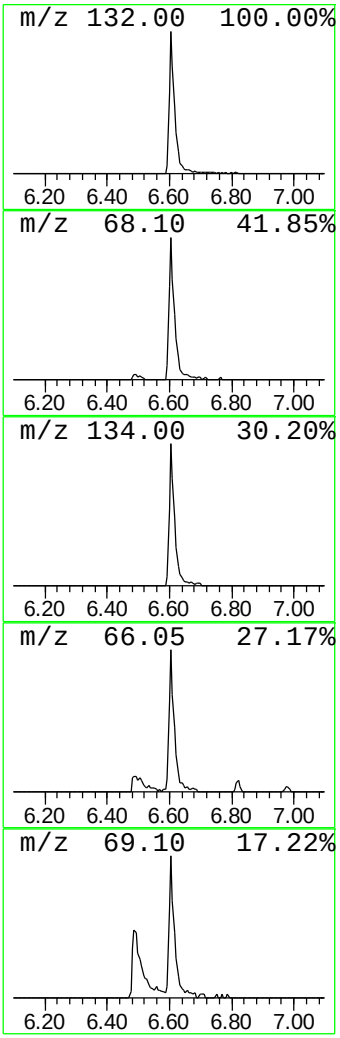
****

Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	14.38 ng	329658	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	12
4	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112642.D
Acq On : 20 Feb 2019 15:22
Operator : JU/SJ
Sample : K1349-09 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

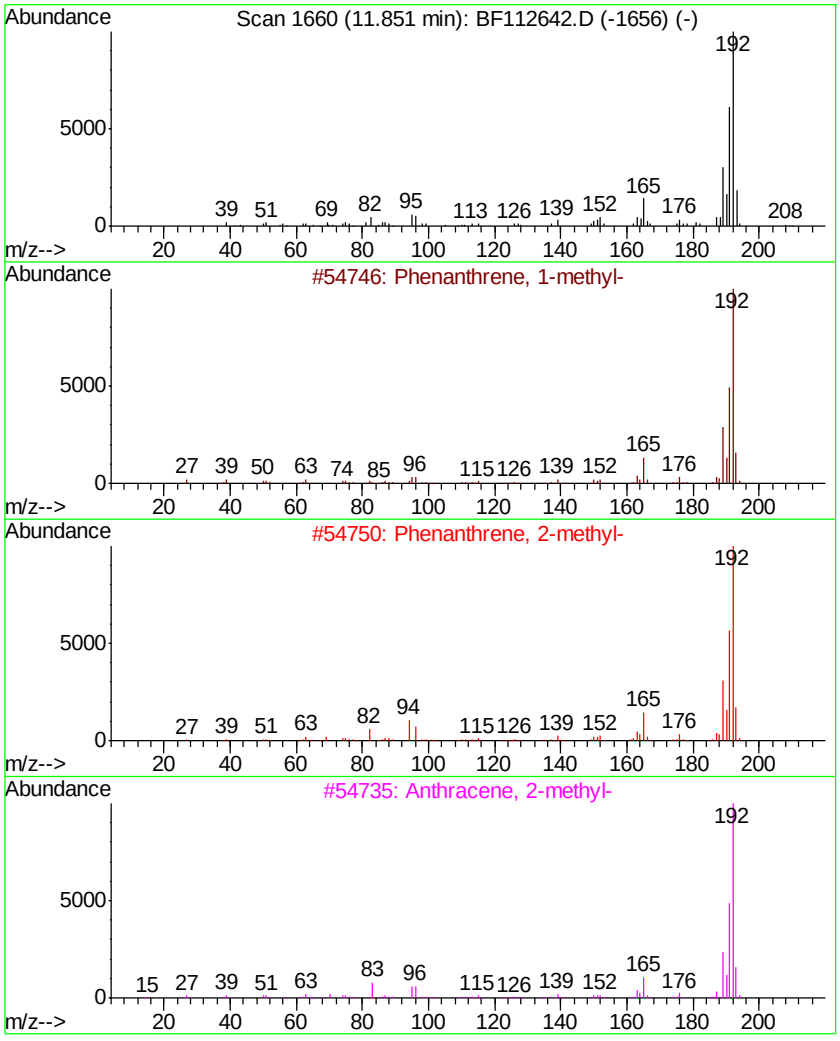
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

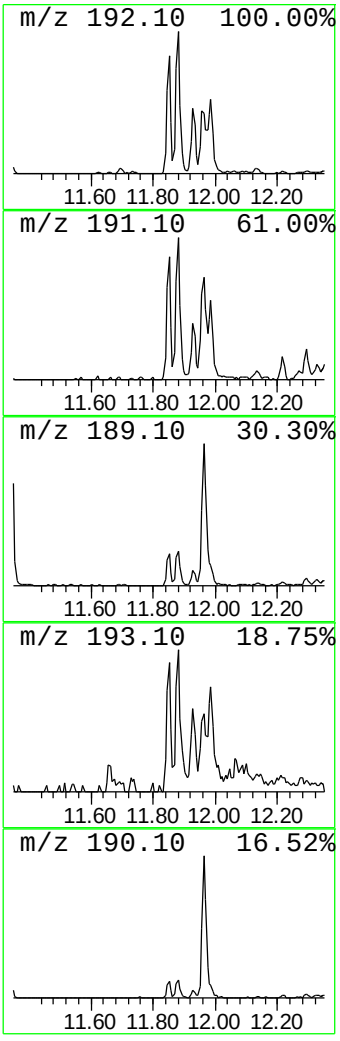
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.76 ng	128941	Phenanthrene-d10	11.35

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	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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Instrument : BNA_F
ClientSampleId : OR-02-021919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

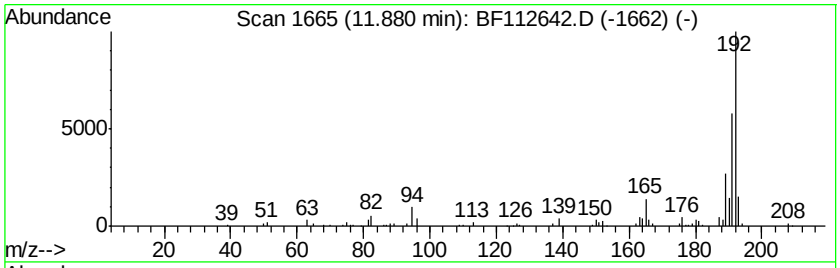
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

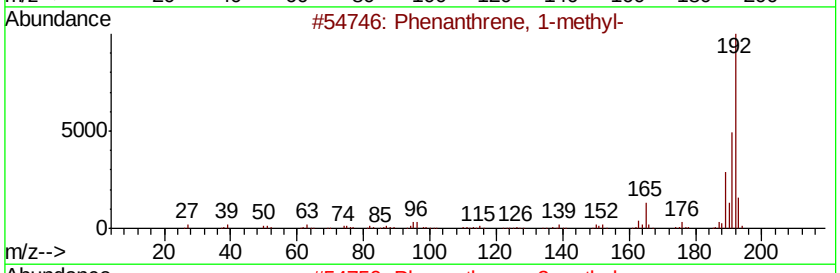
****

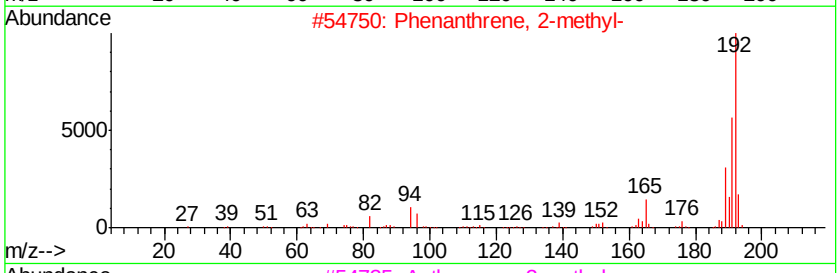
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

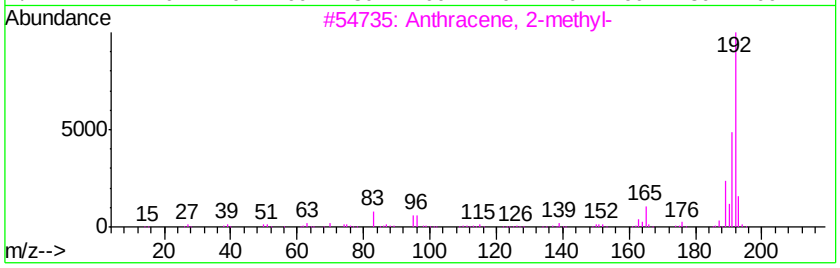
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	5.00 ng	171667	Phenanthrene-d10	11.35

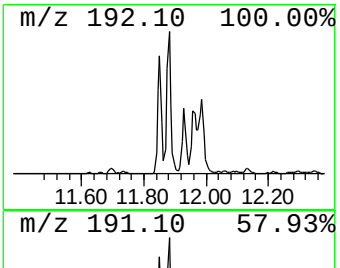
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90

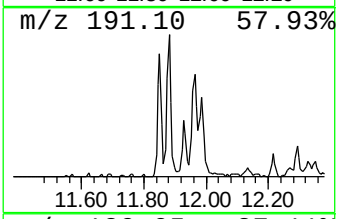


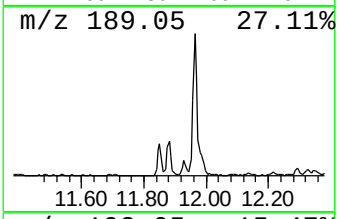


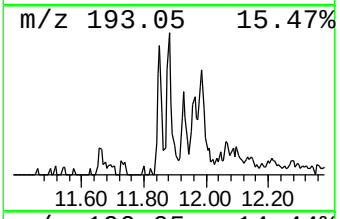


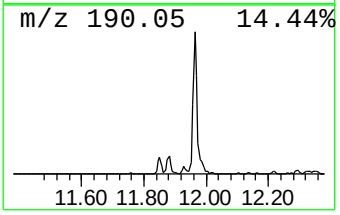












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Instrument : BNA_F
ClientSampleId : OR-02-021919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

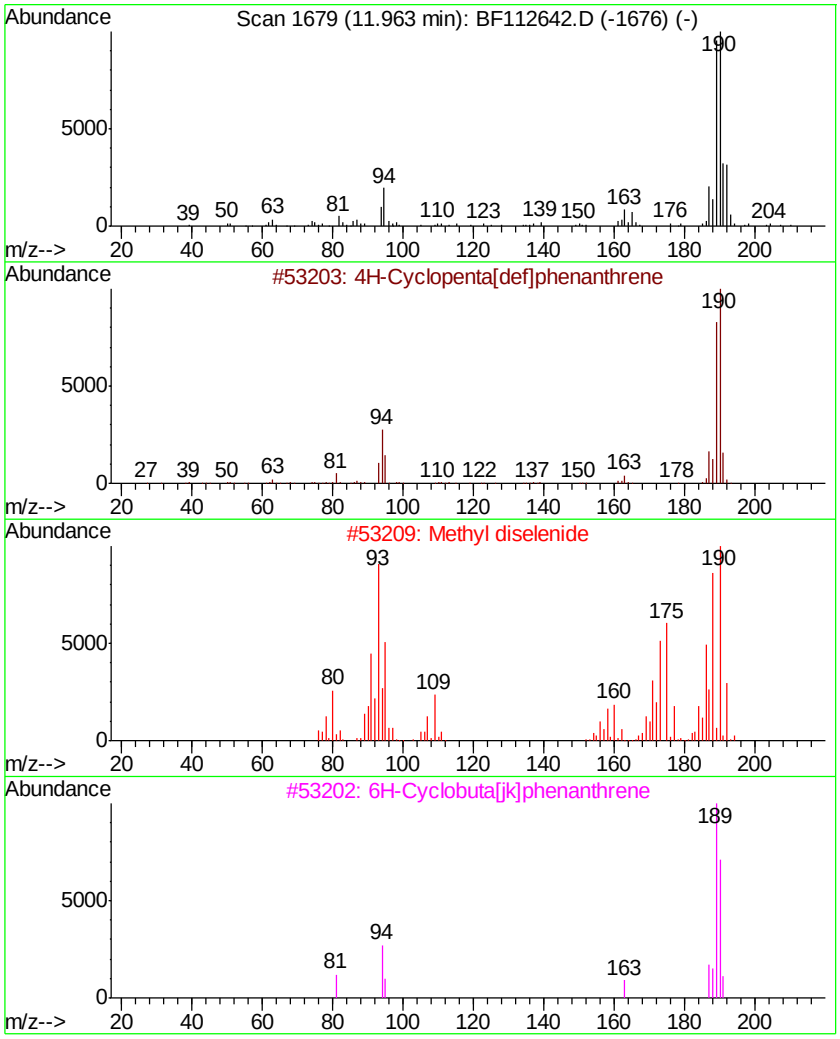
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

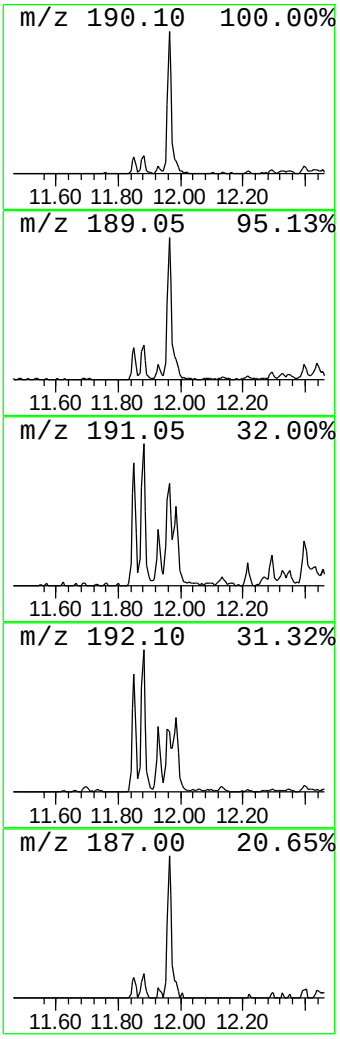
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	6.91 ng	237424	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





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Data File : BF112642.D
Acq On : 20 Feb 2019 15:22
Operator : JU/SJ
Sample : K1349-09 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

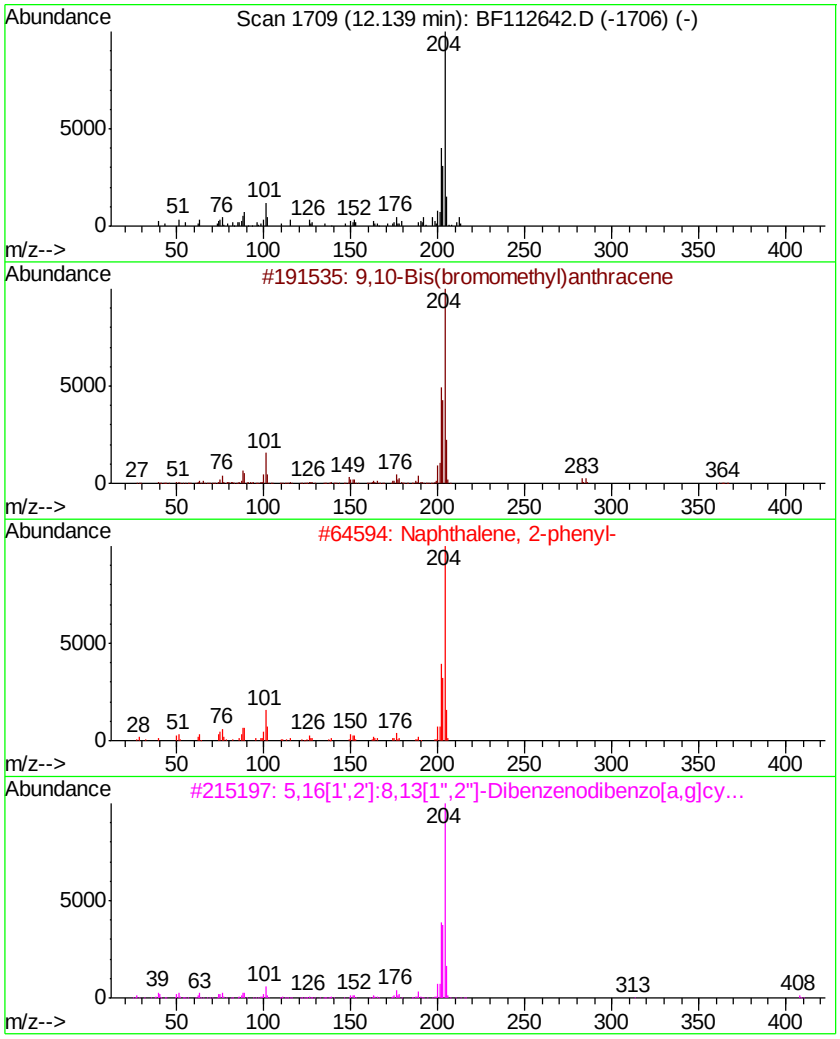
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

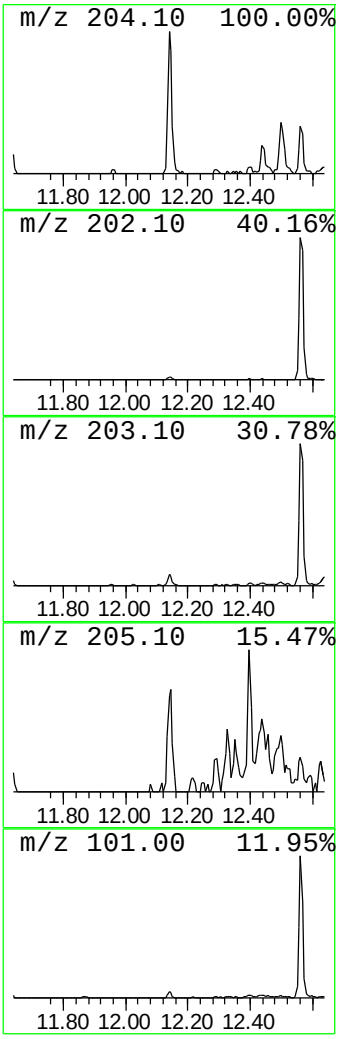
****

Peak Number 6 9,10-Bis(bromomethyl)anthra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.10 ng	72078	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55





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ClientSampleId : OR-02-021919-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

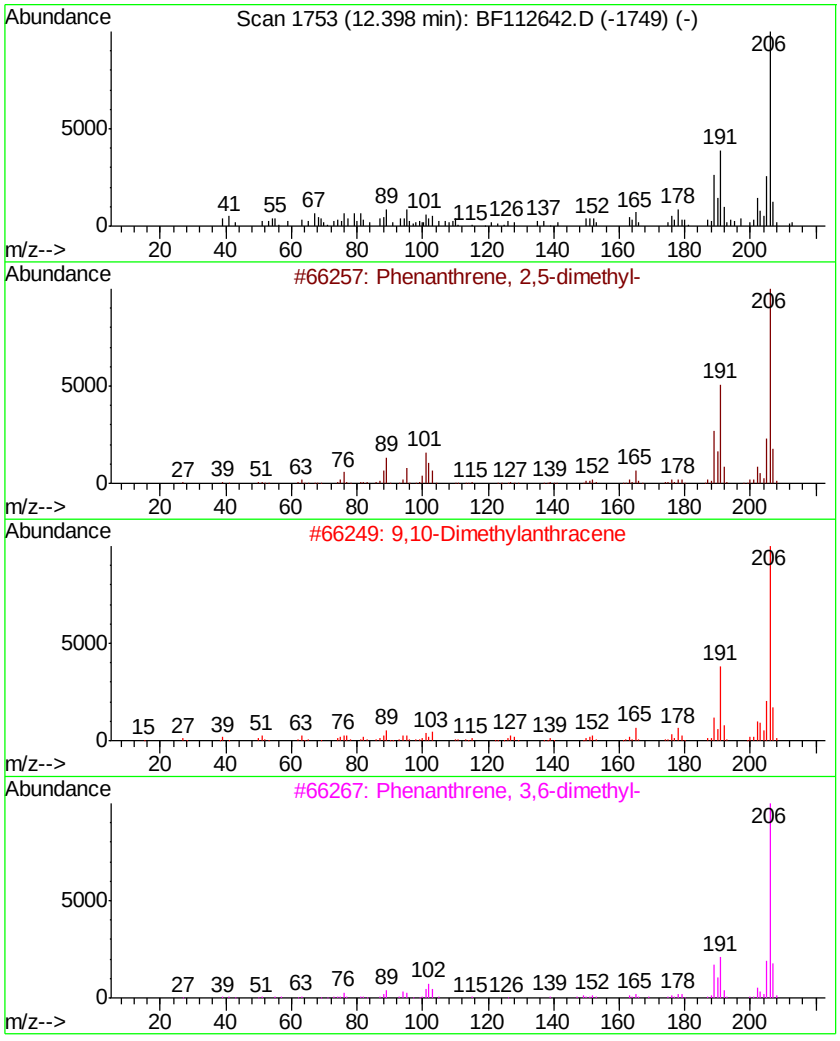
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

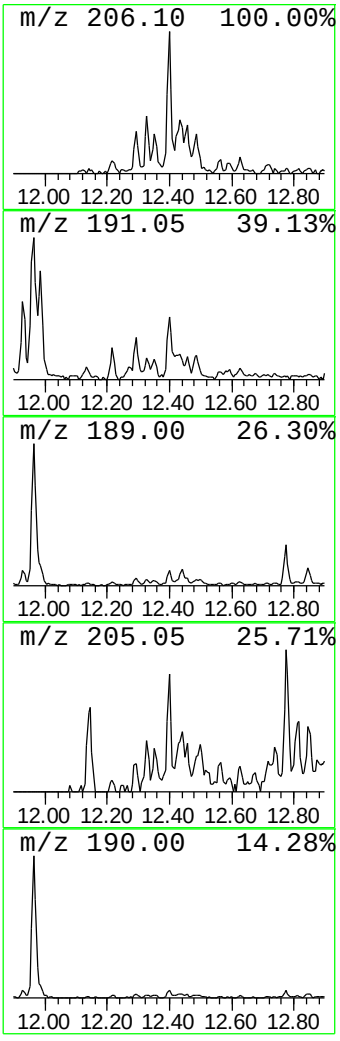
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	3.87 ng	133040	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	64
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	60





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Acq On : 20 Feb 2019 15:22
Operator : JU/SJ
Sample : K1349-09 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021919-A

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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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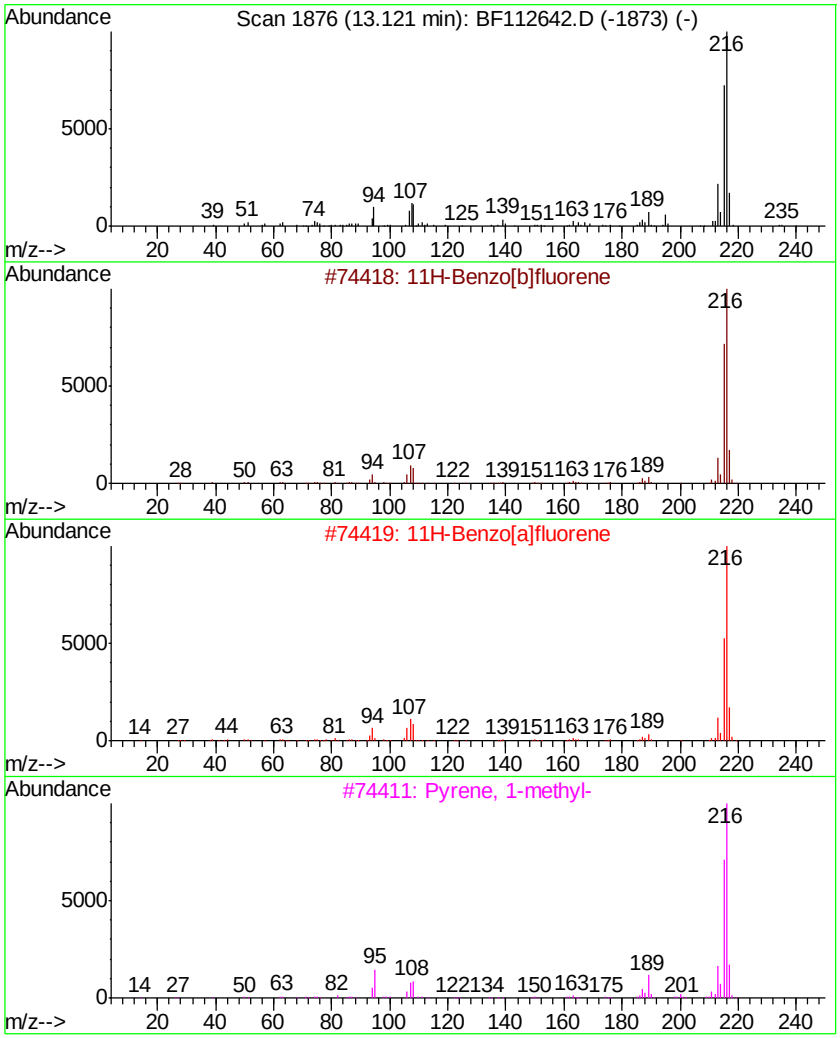
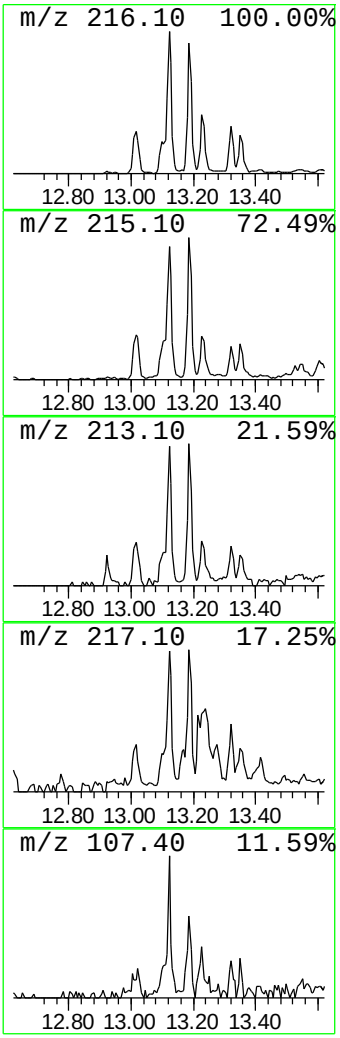
Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.11 ng	189279	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74





Library Search Compound Report

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

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

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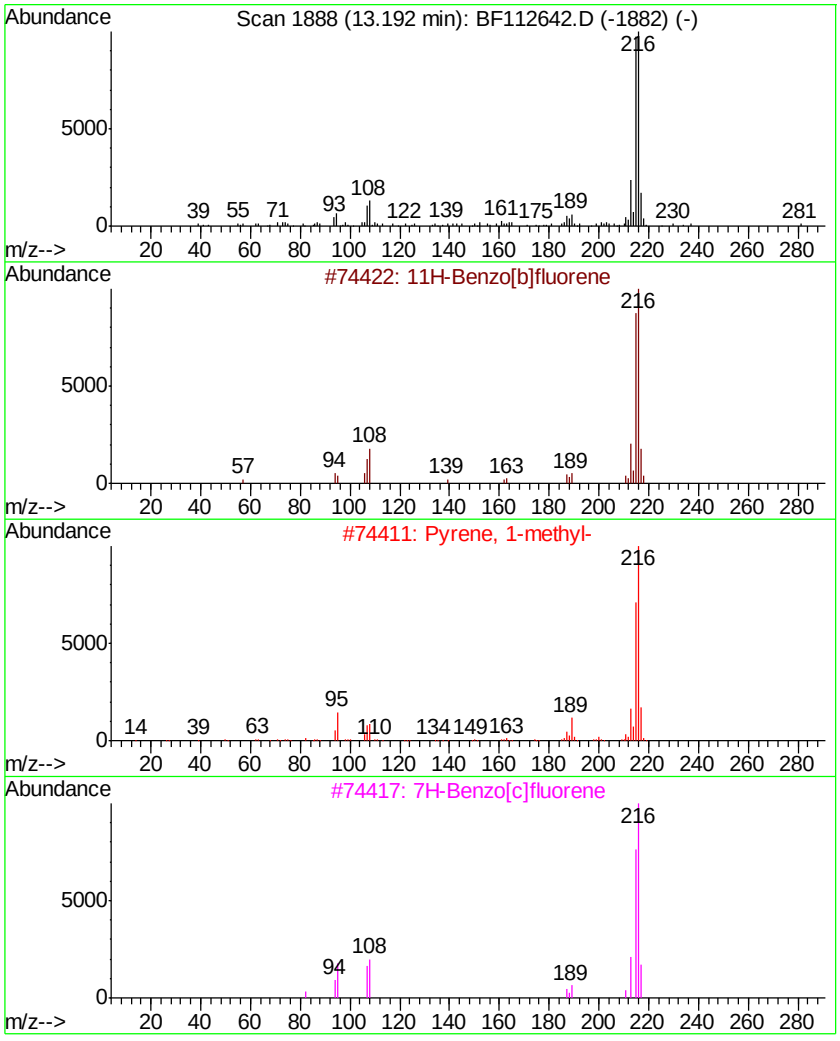
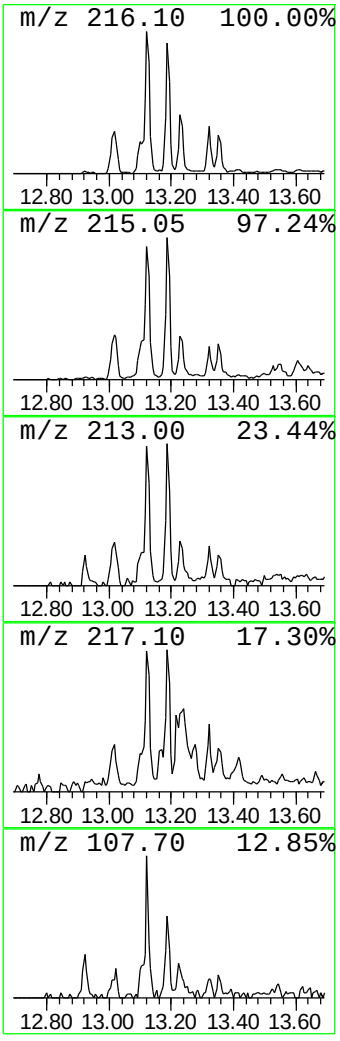
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.62 ng	159443	Chrysene-d12	13.99

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	90
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021919-A

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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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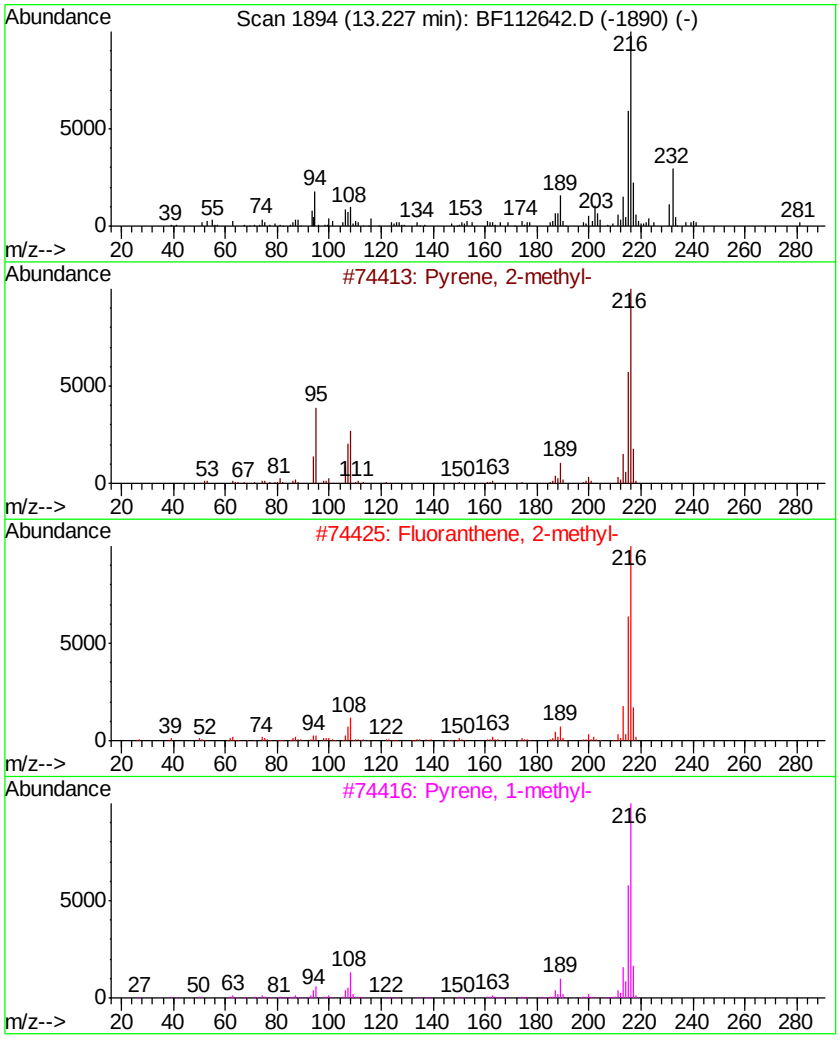
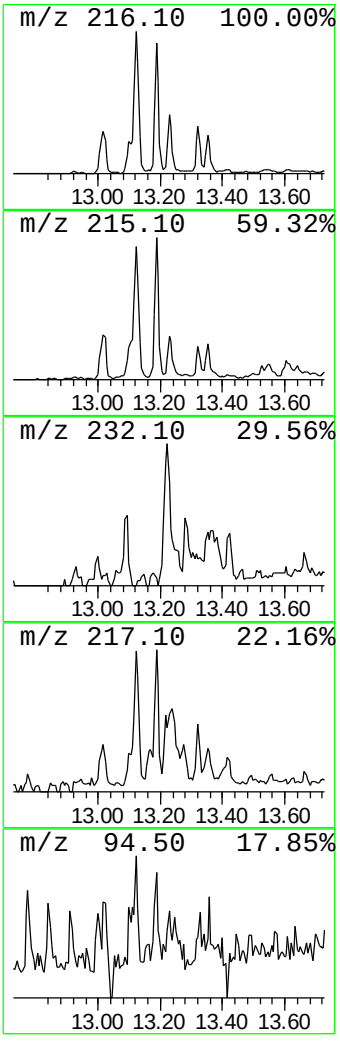
Peak Number 10 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.80 ng	170043	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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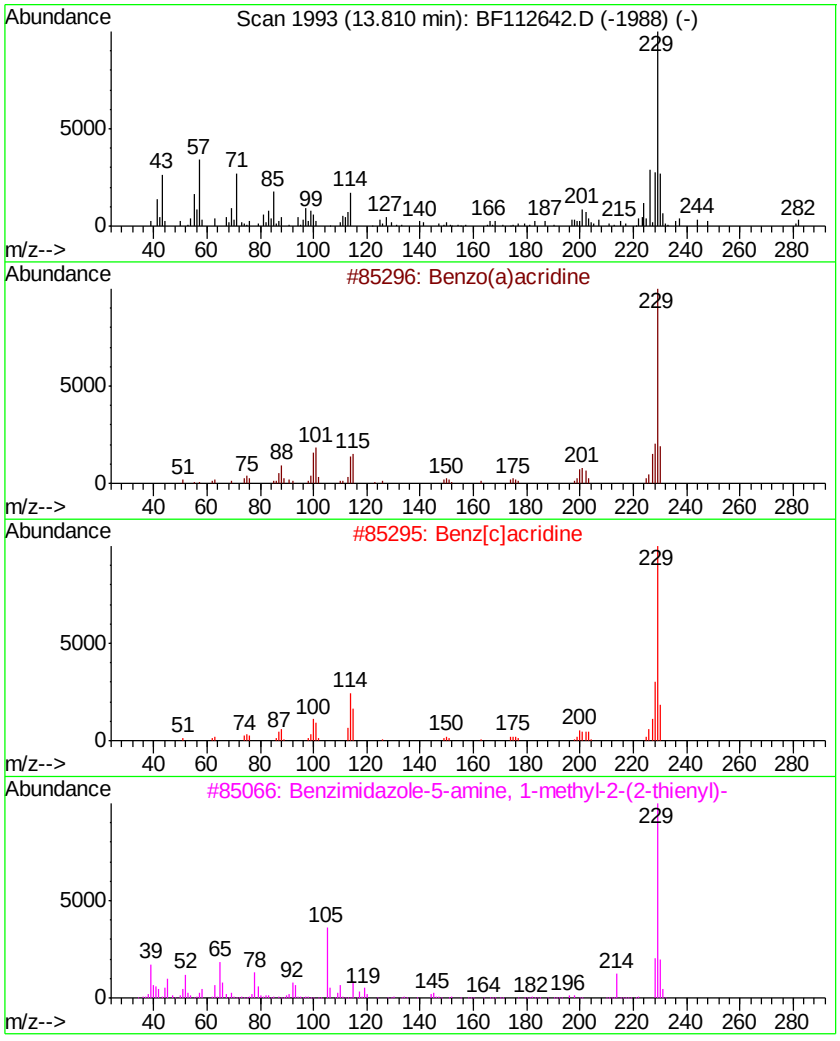
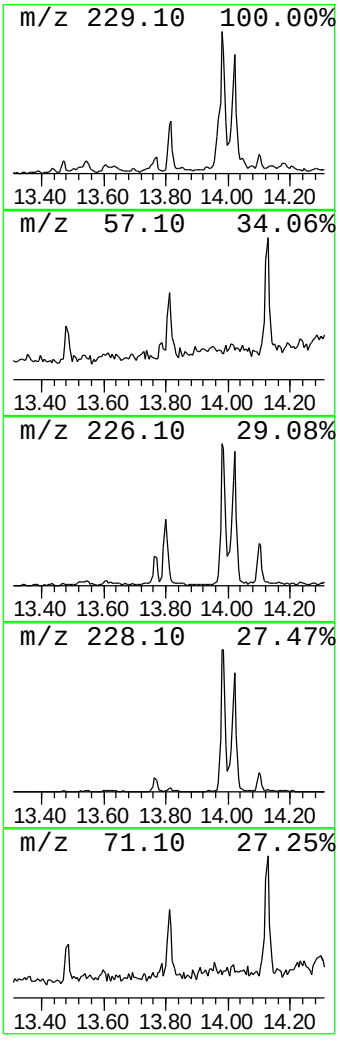
Peak Number 11 Benzo(a)acridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.71 ng	164546	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)acridine	229	C17H11N	000225-11-6	62
2	Benz[c]acridine	229	C17H11N	000225-51-4	58
3	Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	52
4	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	50
5	1-Naphthalenecarboxylic acid, 8-...	229	C14H15NO2	069674-55-1	47





Library Search Compound Report

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Data File : BF112642.D
Acq On : 20 Feb 2019 15:22
Operator : JU/SJ
Sample : K1349-09 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-021919-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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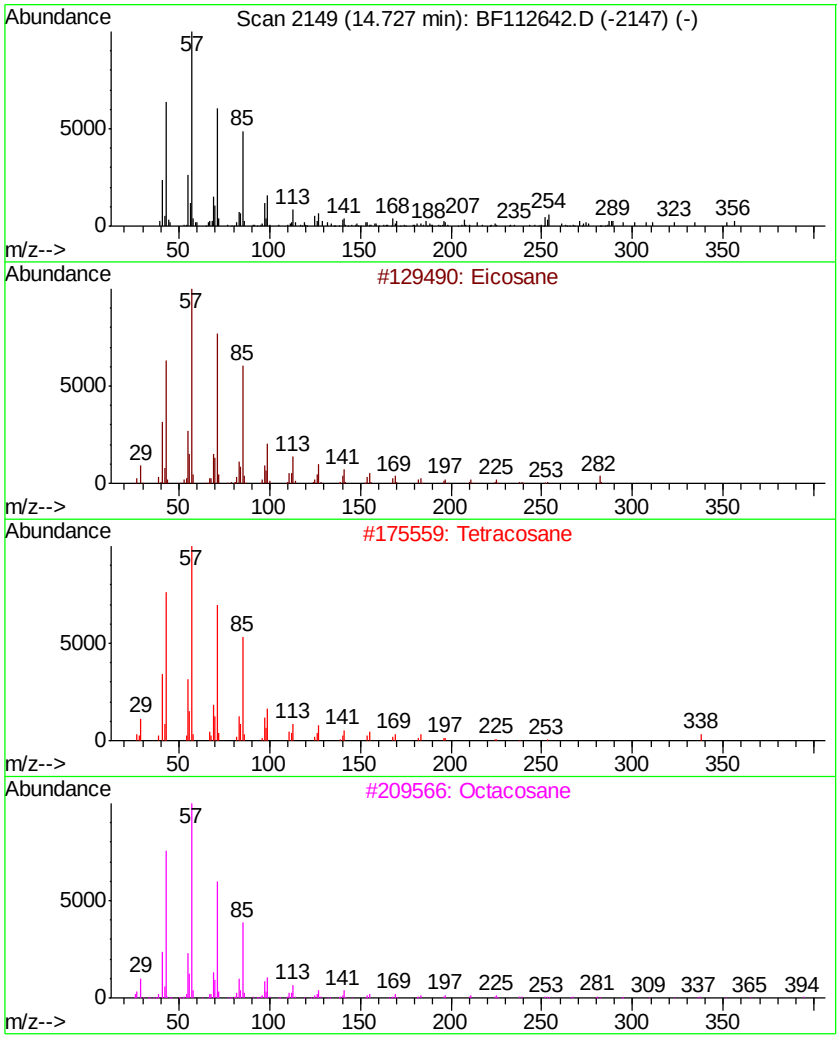
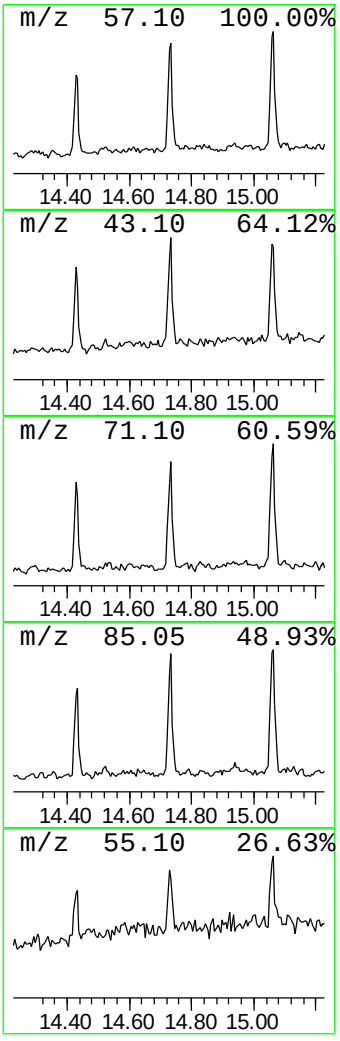
Peak Number 12 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	4.44 ng	103111	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octacosane	394	C28H58	000630-02-4	83
4	Heptadecane	240	C17H36	000629-78-7	83
5	Hexacosane	366	C26H54	000630-01-3	83





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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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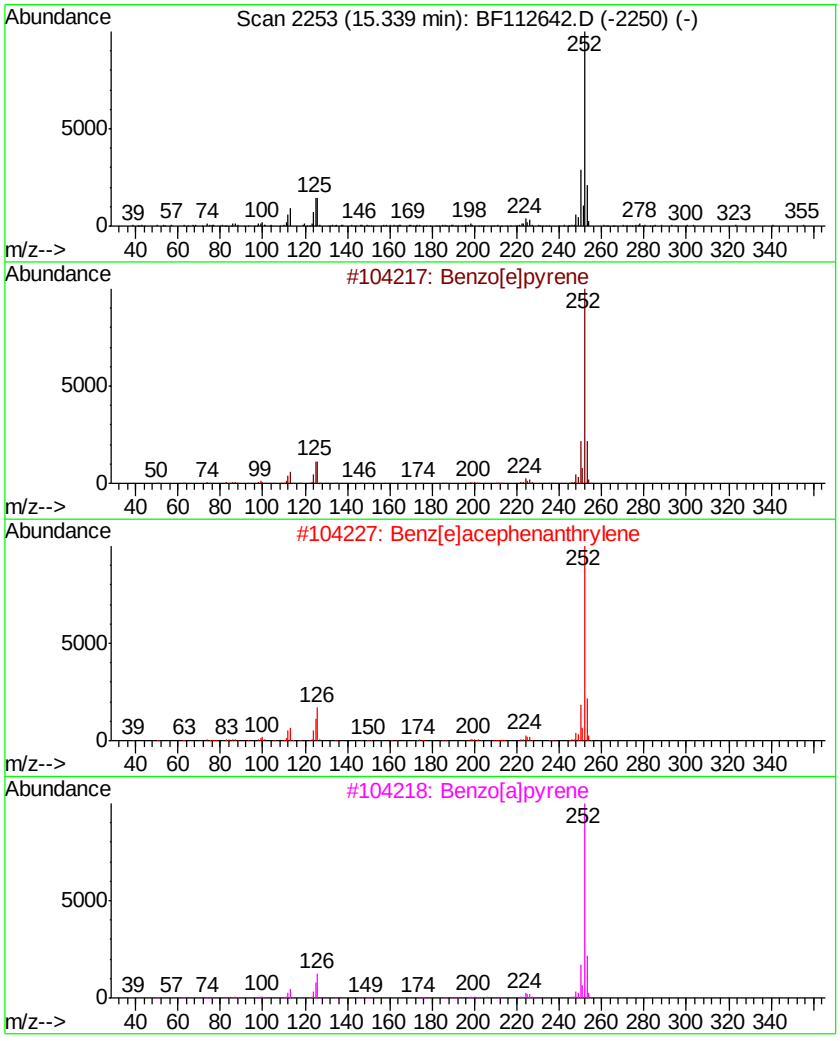
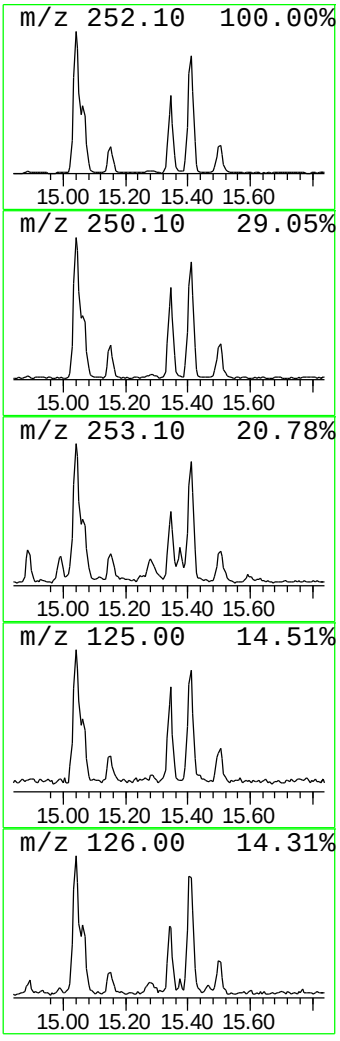
Peak Number 14 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	10.39 ng	241353	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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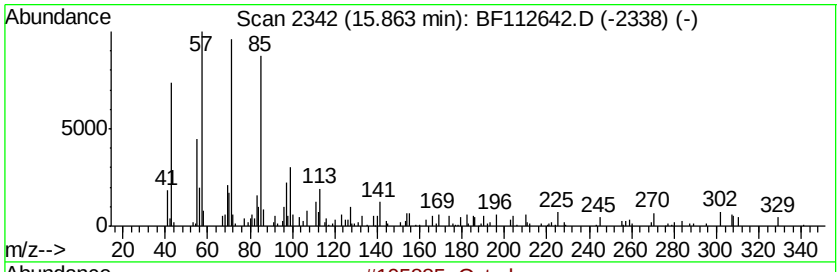
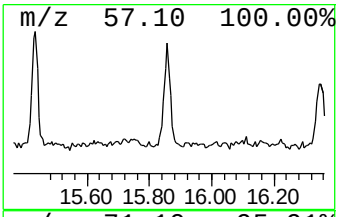
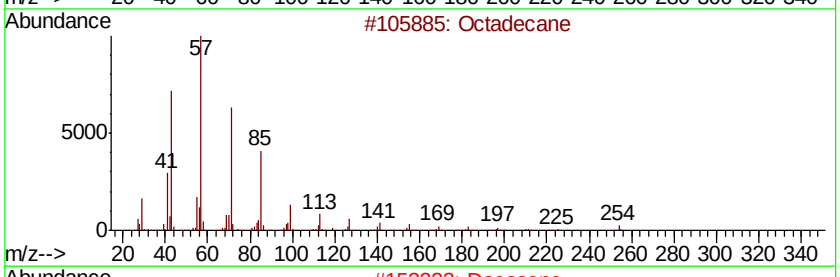
Peak Number 15 Octadecane Concentration Rank 6

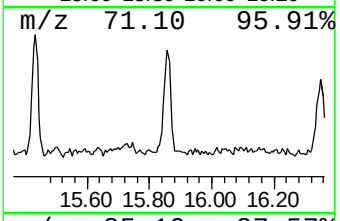
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	4.82 ng	112033	Perylene-d12	15.47

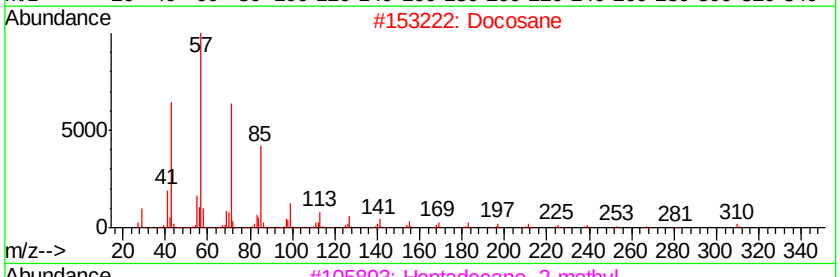
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	92
2	Docosane	310	C22H46	000629-97-0	91
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
4	Tetradecane	198	C14H30	000629-59-4	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	83

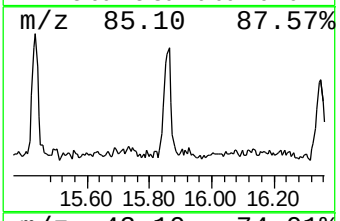


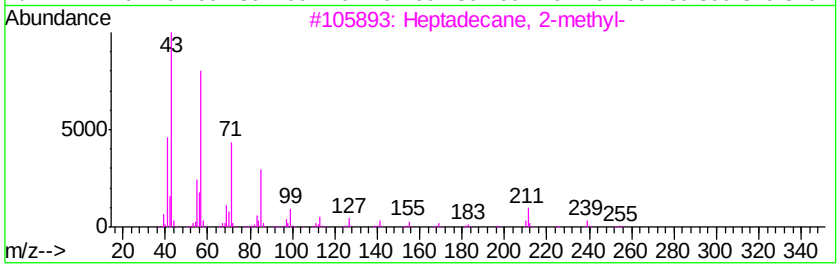


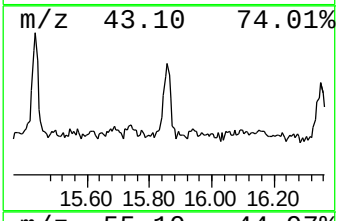


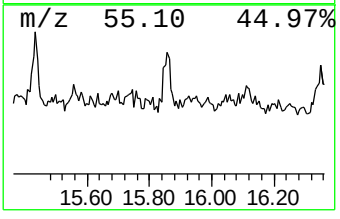












Tentatively Identified Compound (LSC) summary

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Data File : BF112642.D
Acq On : 20 Feb 2019 15:22
Operator : JU/SJ
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Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
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Phenanthrene, 1-m...	11.85	3.8	ng	128941	4	11.35	686728	20.0
Phenanthrene, 2-m...	11.88	5.0	ng	171667	4	11.35	686728	20.0
4H-Cyclopenta[def...	11.96	6.9	ng	237424	4	11.35	686728	20.0
9,10-Bis(bromomet...	12.14	2.1	ng	72078	4	11.35	686728	20.0
Phenanthrene, 2,5...	12.40	3.9	ng	133040	4	11.35	686728	20.0
11H-Benzo[a]fluorene	13.12	3.1	ng	189279	5	13.99	1215480	20.0
Pyrene, 1-methyl-	13.19	2.6	ng	159443	5	13.99	1215480	20.0
Pyrene, 2-methyl-	13.23	2.8	ng	170043	5	13.99	1215480	20.0
Benzo(a)acridine	13.81	2.7	ng	164546	5	13.99	1215480	20.0
Tetracosane	14.73	4.4	ng	103111	6	15.47	464700	20.0
Benzo[e]pyrene	15.34	10.4	ng	241353	6	15.47	464700	20.0
Octadecane	15.86	4.8	ng	112033	6	15.47	464700	20.0