LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099966.D
Acq On : 30 Oct 2017 18:11
Operator : SJ/JU
Sample : I6171-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-D

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:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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	4.987	491	493	514	rBV	84254	124342	11.59%	0.658%
2	5.404	561	564	583	rBV	506915	670822	62.51%	3.548%
3	6.428	735	738	757	rBV	678760	798240	74.39%	4.222%
4	6.557	757	760	768	rVB	894694	808530	75.35%	4.276%
5	6.787	796	799	809	rBV	553503	505663	47.12%	2.675%
6	6.940	822	825	841	rBV	675626	581197	54.16%	3.074%
7	7.357	893	896	919	rBV	442052	460346	42.90%	2.435%
8	8.069	1014	1017	1027	rBV	844855	717454	66.86%	3.795%
9	8.786	1136	1139	1144	rBV	30533	26141	2.44%	0.138%
10	8.886	1152	1156	1162	rBB	28722	29692	2.77%	0.157%
11	9.139	1196	1199	1203	rBV	1316077	1073086	100.00%	5.676%
12	9.416	1241	1246	1250	rBV2	15838	21408	1.99%	0.113%
13	9.481	1254	1257	1260	rBV	30692	30704	2.86%	0.162%
14	9.510	1260	1262	1264	rVV	17288	15227	1.42%	0.081%
15	9.539	1264	1267	1274	rVB	183575	167100	15.57%	0.884%
16	9.604	1274	1278	1285	rVB	15132	22084	2.06%	0.117%
17	9.686	1289	1292	1297	rBV	167699	145475	13.56%	0.769%
18	9.822	1312	1315	1319	rBV	790009	737612	68.74%	3.901%
19	9.857	1319	1321	1325	rVB	46969	38530	3.59%	0.204%
20	10.033	1346	1351	1354	rBV2	31658	37333	3.48%	0.197%
21	10.069	1354	1357	1360	rVB	19106	16327	1.52%	0.086%
22	10.139	1365	1369	1372	rBV	29617	25938	2.42%	0.137%
23	10.239	1380	1386	1391	rBV3	14216	27966	2.61%	0.148%
24	10.286	1391	1394	1398	rVV	23700	23493	2.19%	0.124%
25	10.351	1402	1405	1407	rVV	16463	16404	1.53%	0.087%
26	10.375	1407	1409	1416	rVB	103611	102859	9.59%	0.544%
27	10.486	1426	1428	1431	rBV	18572	16959	1.58%	0.090%
28	10.539	1434	1437	1439	rBV	46751	39132	3.65%	0.207%
29	10.622	1447	1451	1464	rVB	550285	534114	49.77%	2.825%
30	10.927	1498	1503	1506	rBV	37831	44539	4.15%	0.236%
31	10.957	1506	1508	1510	rVV	21362	16604	1.55%	0.088%
32	11.010	1514	1517	1519	rVB	20045	16365	1.53%	0.087%
33	11.051	1519	1524	1526	rBV4	12778	16042	1.49%	0.085%
34	11.075	1526	1528	1535	rVB4	15321	17451	1.63%	0.092%

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Sample : I6171-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-D

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.163	1541	1543	1546	rBV	16882	15805	1.47%	0.084%
36	11.216	1550	1552	1556	rVB	39049	33352	3.11%	0.176%
37	11.322	1566	1570	1572	rBV	756719	703500	65.56%	3.721%
38	11.345	1572	1574	1578	rVB	563437	450446	41.98%	2.382%
39	11.398	1578	1583	1587	rBV	213153	186427	17.37%	0.986%
40	11.563	1606	1611	1614	rBV2	43590	49085	4.57%	0.260%
41	11.610	1617	1619	1621	rVV	24125	18345	1.71%	0.097%
42	11.651	1621	1626	1632	rVV2	28037	36490	3.40%	0.193%
43	11.733	1638	1640	1645	rVB	16921	22216	2.07%	0.118%
44	11.822	1652	1655	1658	rBV	126001	125490	11.69%	0.664%
45	11.851	1658	1660	1666	rVV	158478	134782	12.56%	0.713%
46	11.904	1666	1669	1671	rVV	68068	65941	6.14%	0.349%
47	11.933	1671	1674	1677	rVV	229258	250639	23.36%	1.326%
48	11.957	1677	1678	1682	rVB	88903	61044	5.69%	0.323%
49	12.116	1702	1705	1710	rVB	74808	60016	5.59%	0.317%
50	12.263	1728	1730	1734	rVB	18706	14164	1.32%	0.075%
51	12.298	1734	1736	1739	rBV	30940	23279	2.17%	0.123%
52	12.327	1739	1741	1744	rVB	19678	17218	1.60%	0.091%
53	12.374	1745	1749	1751	rBV	92164	96439	8.99%	0.510%
54	12.416	1751	1756	1758	rVV2	50650	76478	7.13%	0.405%
55	12.433	1758	1759	1761	rVB2	27838	14889	1.39%	0.079%
56	12.474	1761	1766	1773	rVB4	60869	107315	10.00%	0.568%
57	12.539	1773	1777	1781	rBV	958083	825776	76.95%	4.368%
58	12.574	1781	1783	1785	rVV2	21547	18295	1.70%	0.097%
59	12.598	1785	1787	1791	rVV3	22790	24766	2.31%	0.131%
60	12.639	1791	1794	1800	rVB	63191	65241	6.08%	0.345%
61	12.692	1800	1803	1805	rBV	54649	52165	4.86%	0.276%
62	12.710	1805	1806	1809	rVV2	36111	25828	2.41%	0.137%
63	12.751	1810	1813	1814	rVV	152196	136188	12.69%	0.720%
64	12.769	1814	1816	1822	rVV	855450	771681	71.91%	4.082%
65	12.821	1822	1825	1828	rVB	50833	50191	4.68%	0.265%
66	12.904	1835	1839	1842	rBV	951308	821497	76.55%	4.345%
67	12.986	1849	1853	1858	rBV3	85793	144455	13.46%	0.764%
68	13.033	1859	1861	1864	rVV3	23356	28449	2.65%	0.150%
69	13.074	1864	1868	1869	rVV2	77743	79432	7.40%	0.420%
70	13.098	1869	1872	1878	rVV	191670	221645	20.65%	1.172%
71	13.145	1878	1880	1881	rVV2	21371	19251	1.79%	0.102%

LSC Area Percent Report

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Sample : I6171-07 2X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-102617-D

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.163	1881	1883	1886	rVV	169381	155015	14.45%	0.820%
73	13.204	1886	1890	1897	rVV2	122940	194604	18.13%	1.029%
74	13.263	1897	1900	1903	rVV4	26355	47484	4.42%	0.251%
75	13.298	1903	1906	1909	rVV	82487	91762	8.55%	0.485%
76	13.327	1909	1911	1920	rVB2	88378	117451	10.95%	0.621%
77	13.504	1939	1941	1943	rBV3	20914	15114	1.41%	0.080%
78	13.580	1952	1954	1958	rBV	28448	36780	3.43%	0.195%
79	13.621	1958	1961	1964	rVV2	32659	39445	3.68%	0.209%
80	13.704	1973	1975	1976	rBV2	23211	17915	1.67%	0.095%
81	13.727	1976	1979	1980	rVV	77173	75367	7.02%	0.399%
82	13.745	1980	1982	1985	rVV	96827	96897	9.03%	0.513%
83	13.780	1985	1988	1994	rVV4	105036	194089	18.09%	1.027%
84	13.839	1995	1998	2002	rVB	55810	65983	6.15%	0.349%
85	13.974	2016	2021	2024	rBV2	692628	1037673	96.70%	5.488%
86	14.004	2024	2026	2032	rVB	402924	359124	33.47%	1.899%
87	14.080	2037	2039	2042	rBV	62614	58897	5.49%	0.312%
88	14.139	2047	2049	2055	rVB3	66042	76549	7.13%	0.405%
89	14.327	2079	2081	2083	rBV	30626	25263	2.35%	0.134%
90	14.368	2083	2088	2091	rBV	110240	136689	12.74%	0.723%
91	14.404	2092	2094	2097	rVV	39500	38318	3.57%	0.203%
92	14.468	2103	2105	2108	rVB2	42508	35319	3.29%	0.187%
93	14.498	2108	2110	2111	rBV	58321	49560	4.62%	0.262%
94	15.027	2196	2200	2203	rBV	379272	520893	48.54%	2.755%
95	15.139	2216	2219	2225	rVB	93618	109457	10.20%	0.579%
96	15.333	2248	2252	2257	rVB	222375	252974	23.57%	1.338%
97	15.398	2259	2263	2269	rBV	321204	430253	40.09%	2.276%
98	15.457	2269	2273	2277	rBV	348038	411341	38.33%	2.176%
99	16.951	2523	2527	2534	rVB2	122488	227213	21.17%	1.202%
100	17.398	2599	2603	2615	rVB	92738	215723	20.10%	1.141%

Sum of corrected areas: 18906551

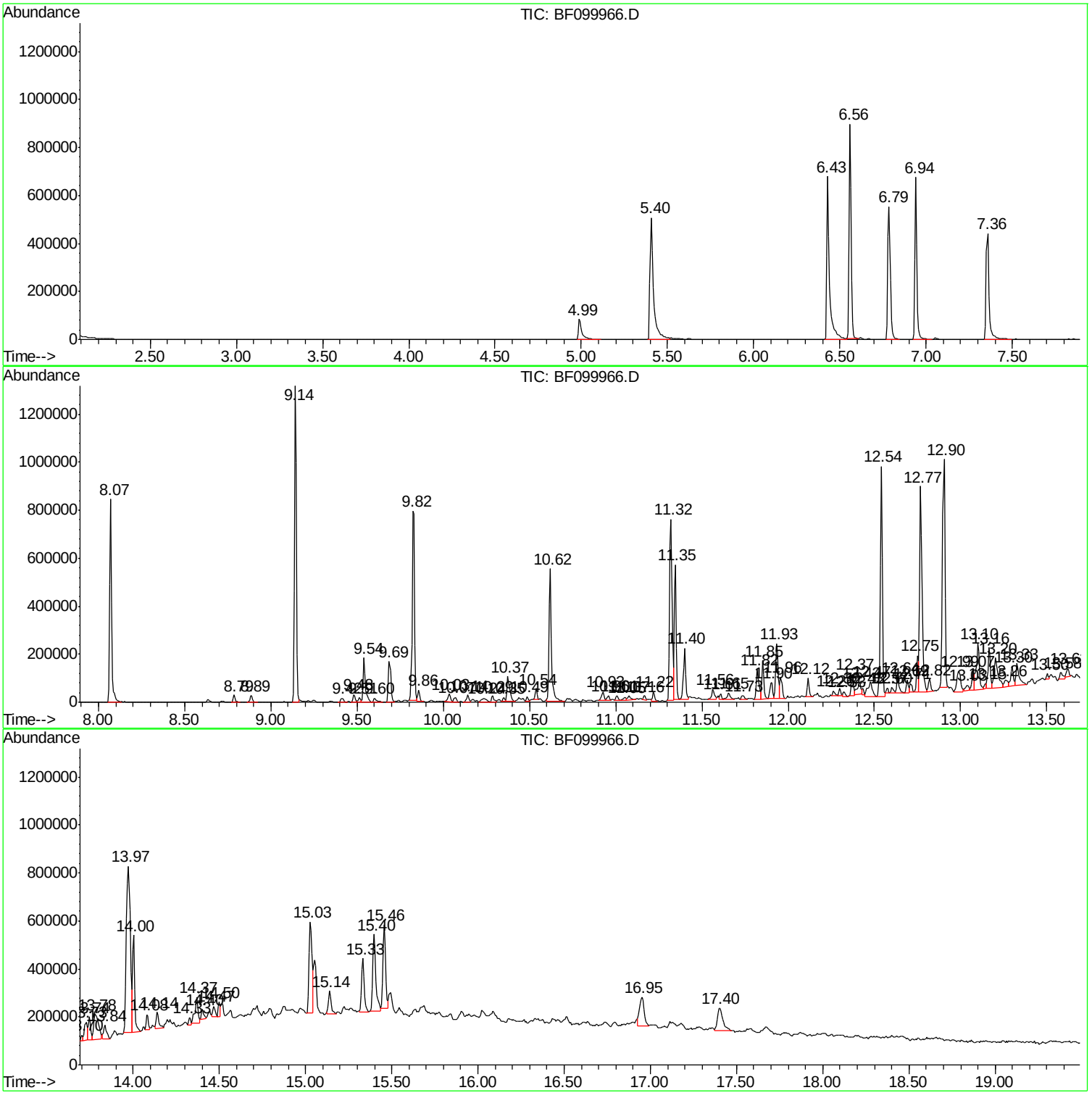
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099966.D
Acq On : 30 Oct 2017 18:11
Operator : SJ/JU
Sample : I6171-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
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Acq On : 30 Oct 2017 18:11
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

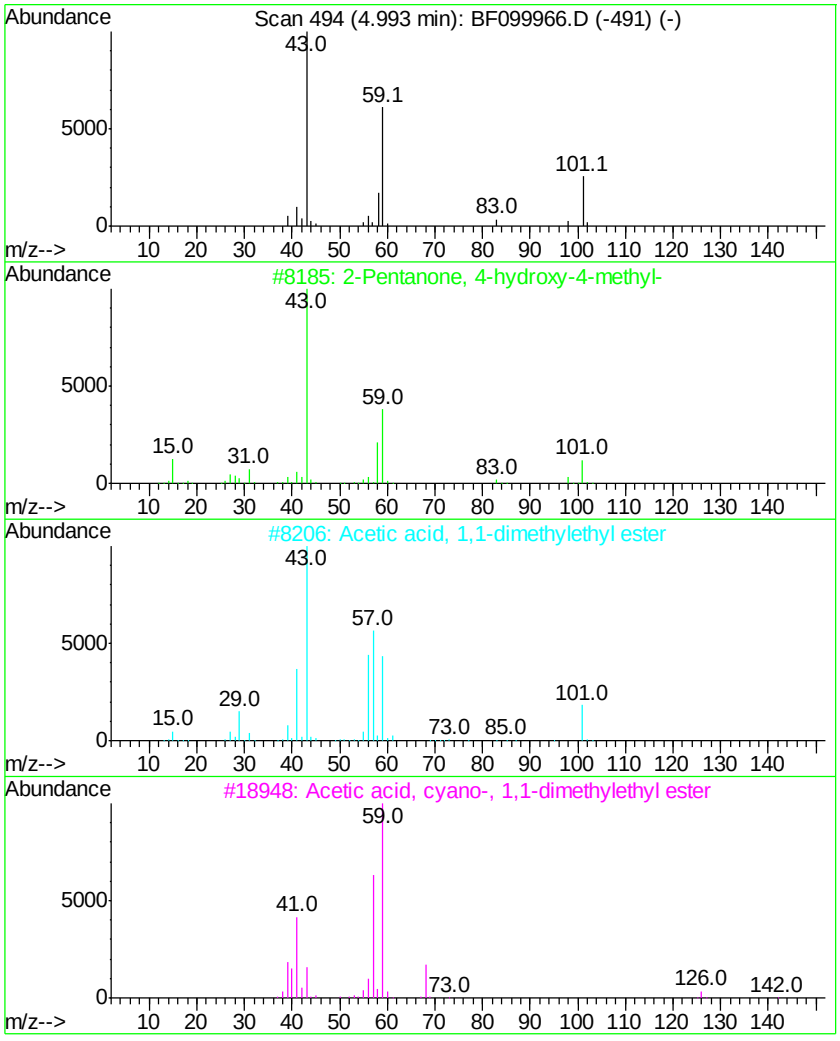
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

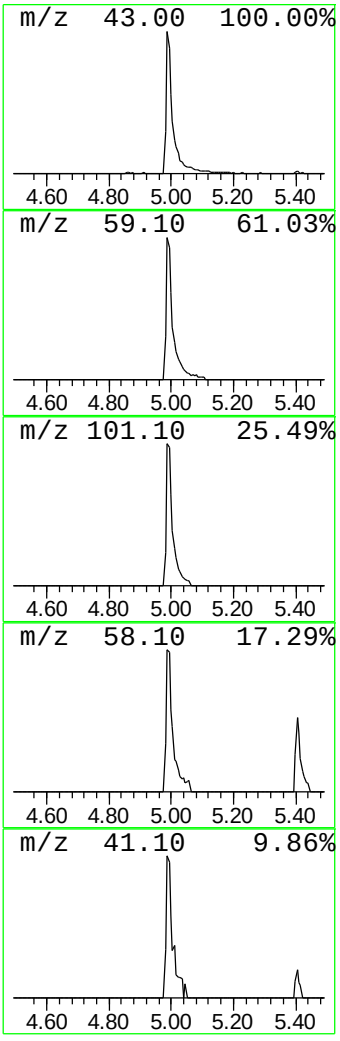
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	4.92 ng	124342	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Sample : I6171-07 2X
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Instrument : BNA_F
ClientSampleId : CL-01-102617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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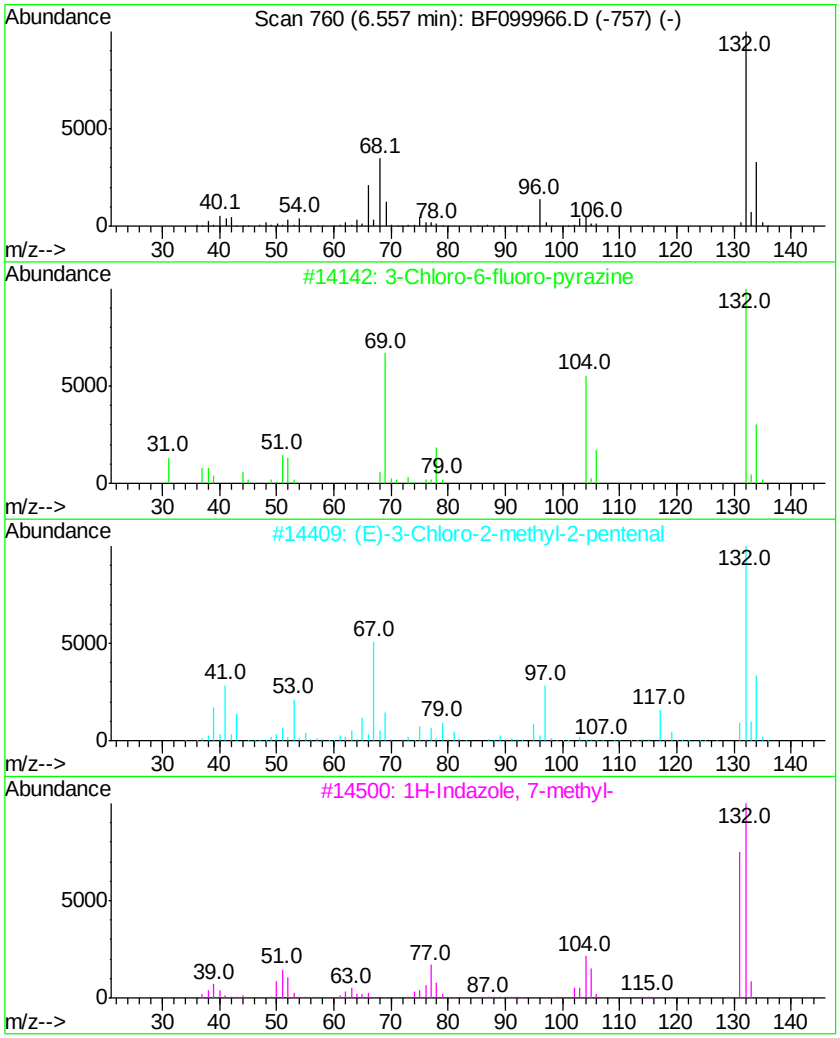
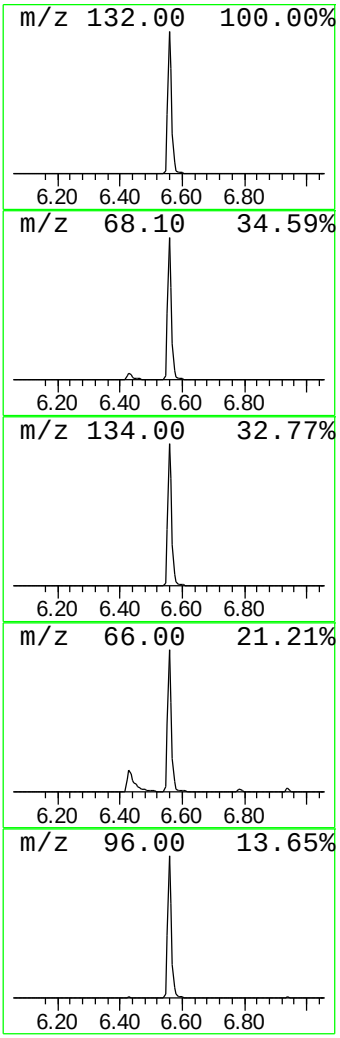
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	31.98 ng	808530	1,4-Dichlorobenzene-d4	6.79

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	35
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1-Aminoindan	133	C9H11N	034698-41-4	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
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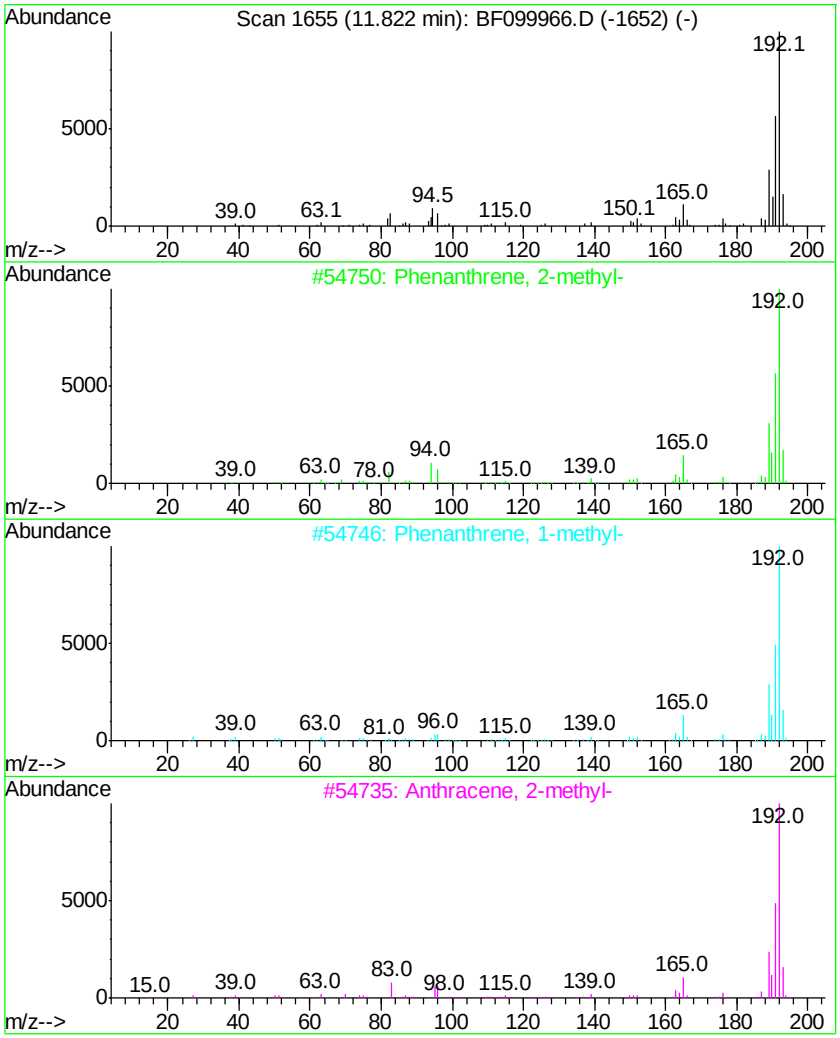
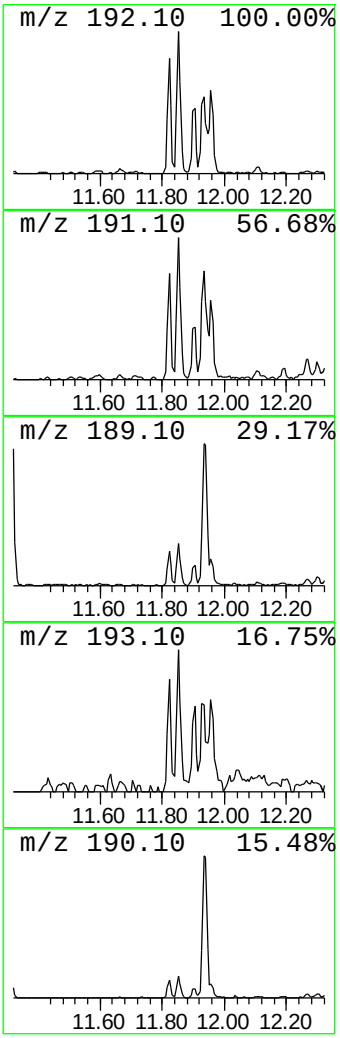
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.57 ng	125490	Phenanthrene-d10	11.32

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Instrument : BNA_F
ClientSampleId : CL-01-102617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

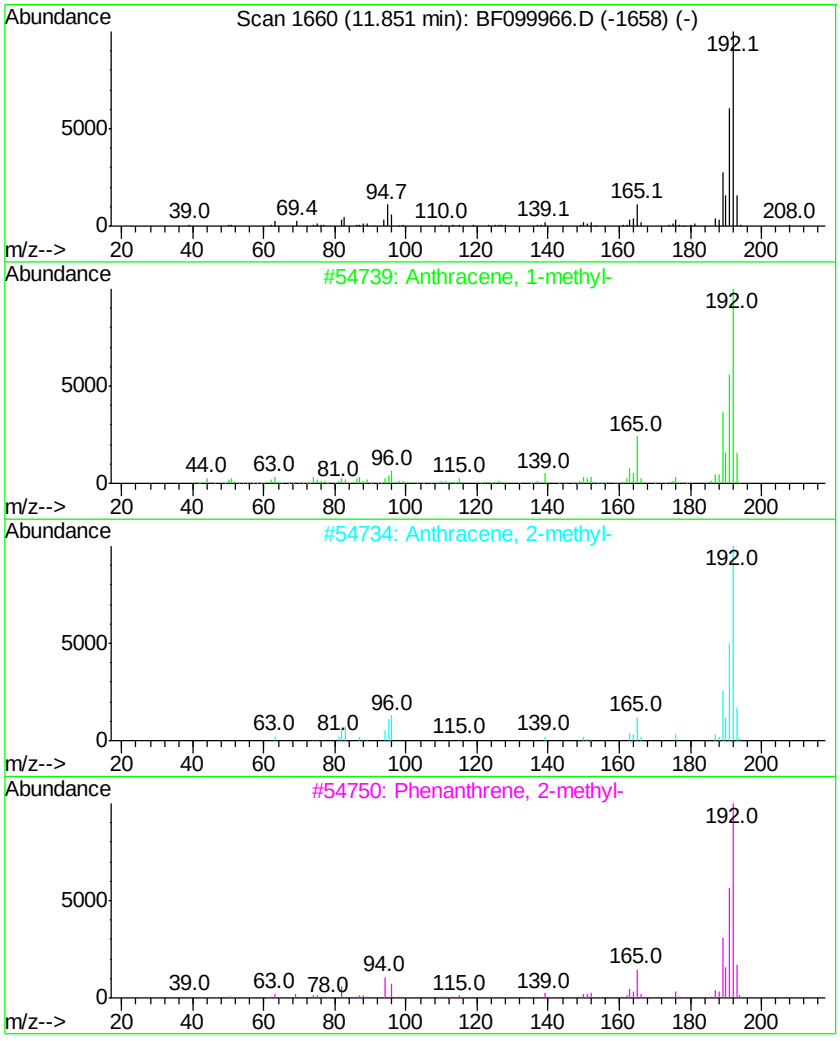
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

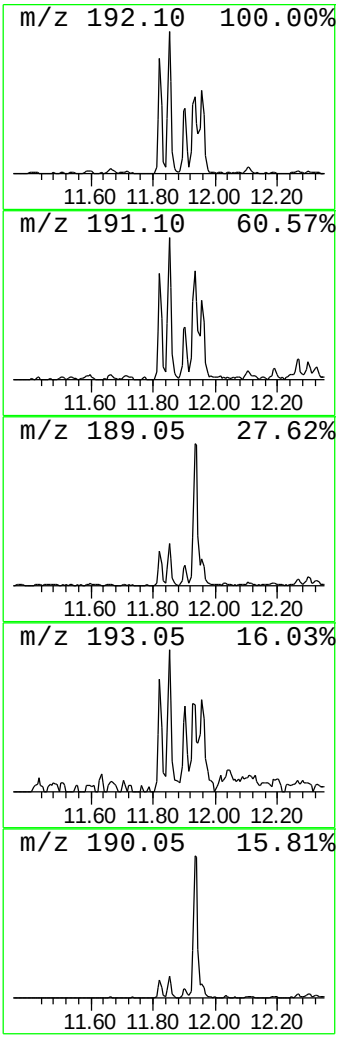
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.83 ng	134782	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Data File : BF099966.D
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Sample : I6171-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

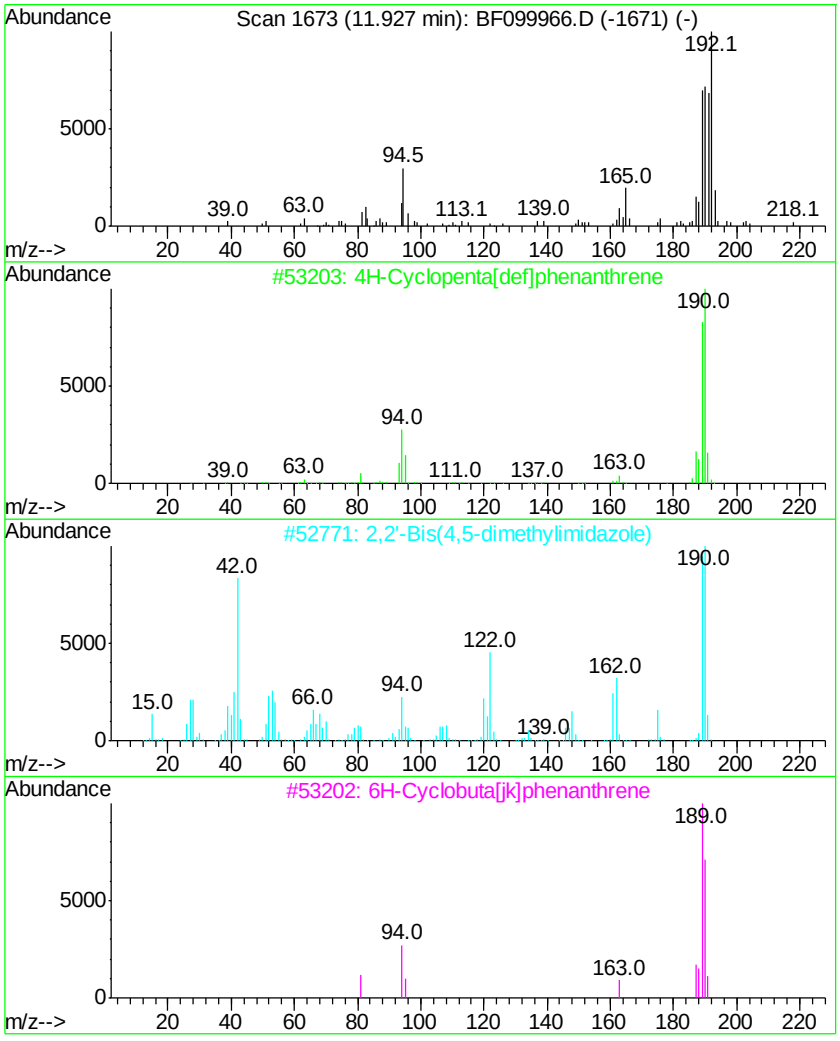
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

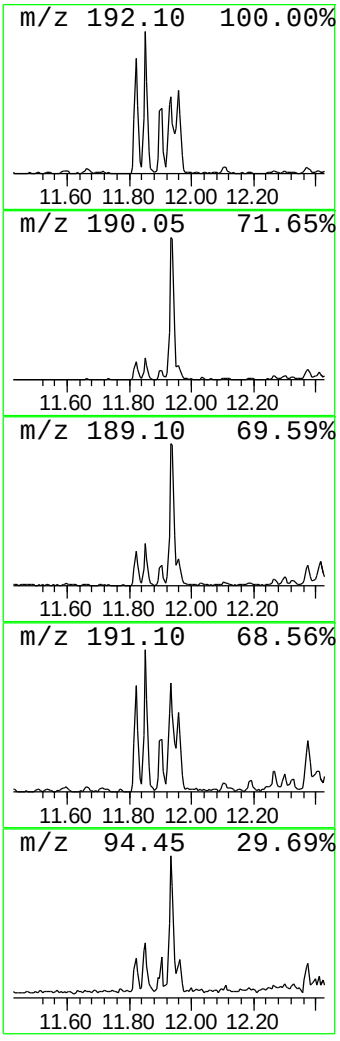
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	7.13 ng	250639	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	Propanoic acid, 2-(2,4-dichlorop...	378	C15H10Cl4O3	284488-02-4	23
5	4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	16





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Data File : BF099966.D
Acq On : 30 Oct 2017 18:11
Operator : SJ/JU
Sample : I6171-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

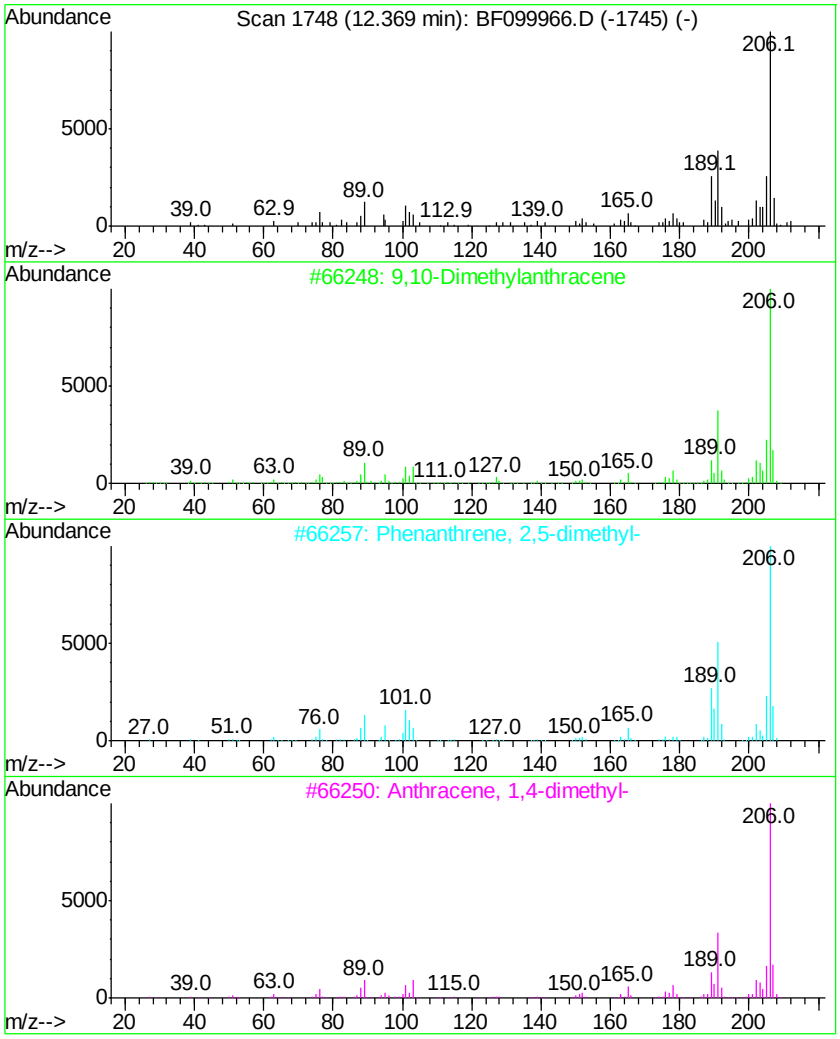
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

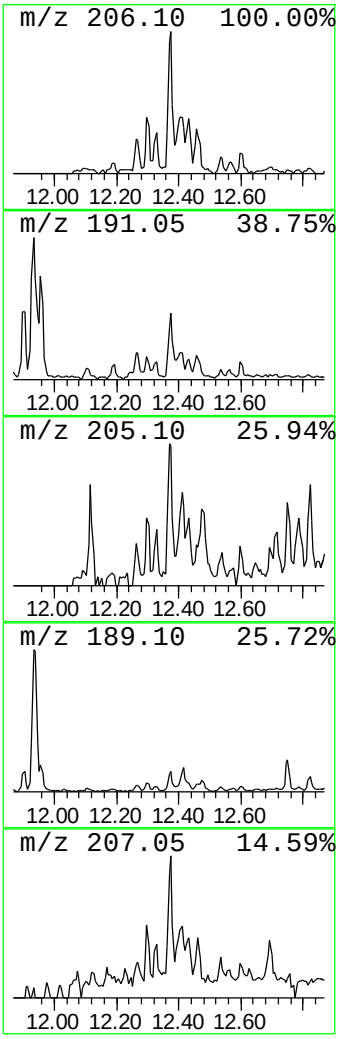
****

Peak Number 7 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.74 ng	96439	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	98
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Acq On : 30 Oct 2017 18:11
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Sample : I6171-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

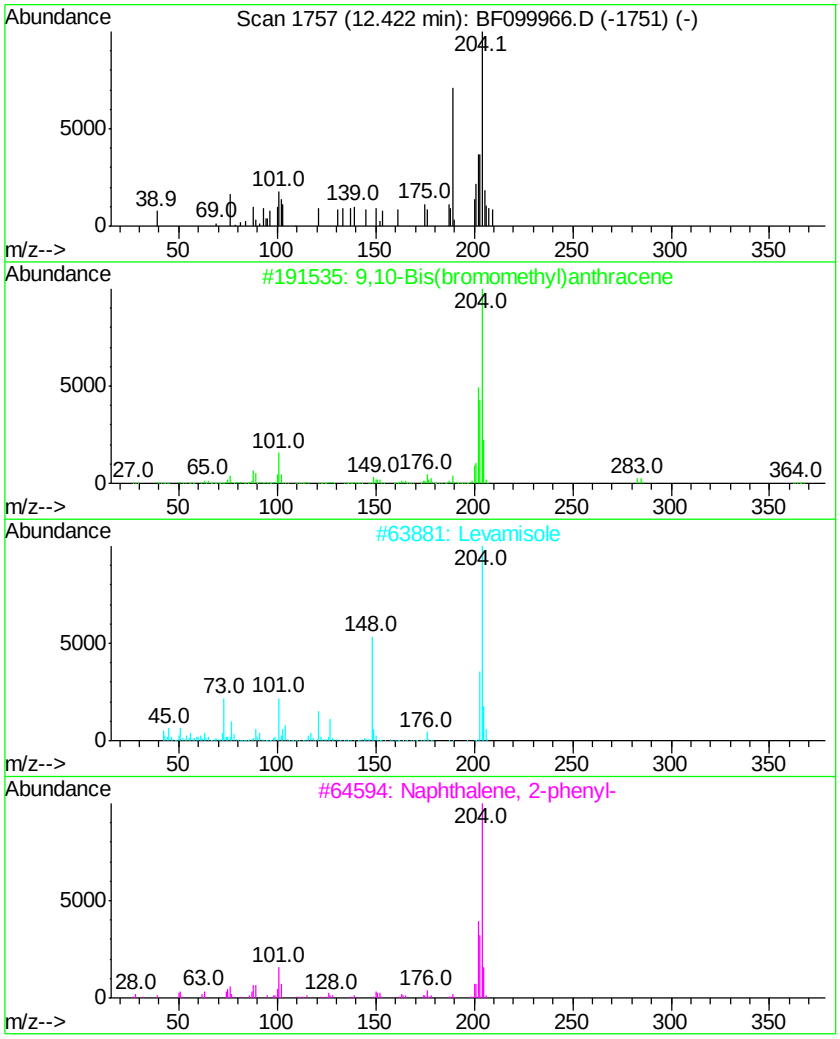
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

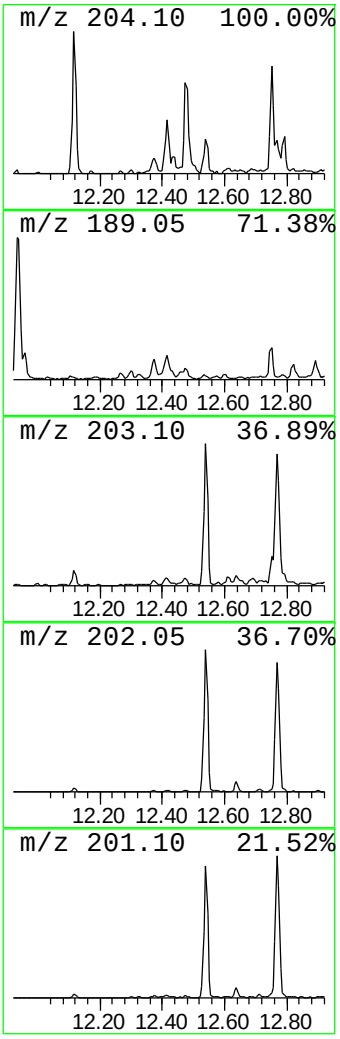
****

Peak Number 8 9,10-Bis(bromomethyl)anthra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.17 ng	76478	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50
2	Levamisole	204	C11H12N2S	014769-73-4	45
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	45
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	43





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Operator : SJ/JU
Sample : I6171-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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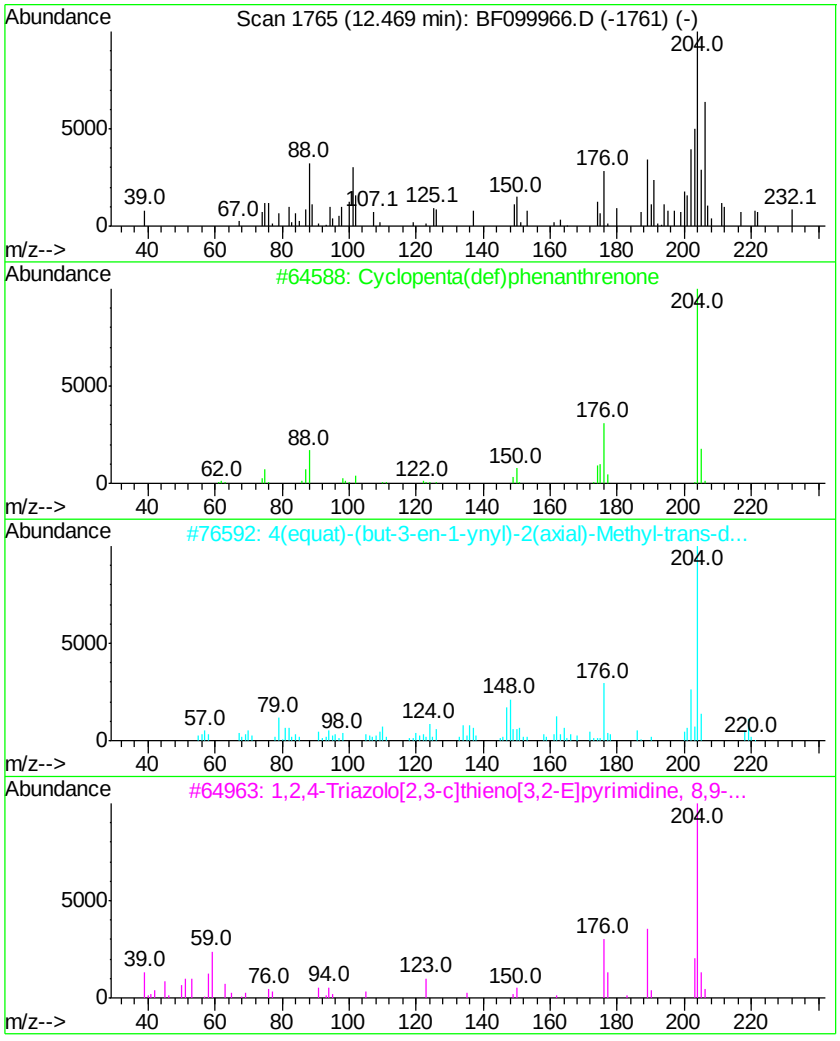
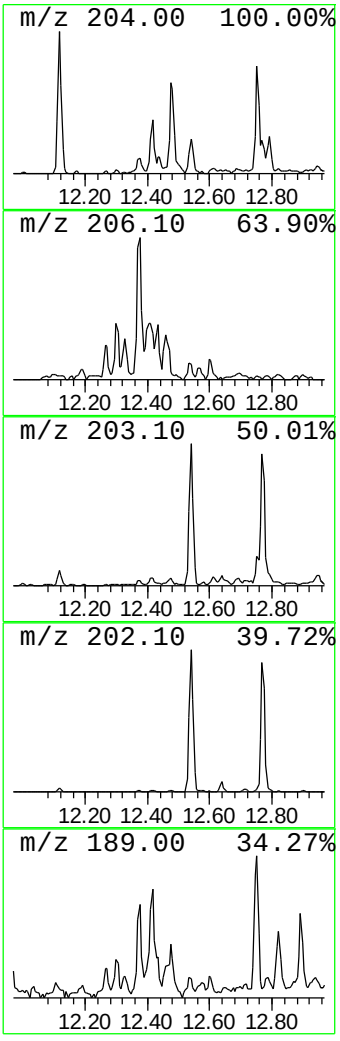
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.05 ng	107315	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	60
2	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	50
3	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	50
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	49
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47





Library Search Compound Report

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Acq On : 30 Oct 2017 18:11
Operator : SJ/JU
Sample : I6171-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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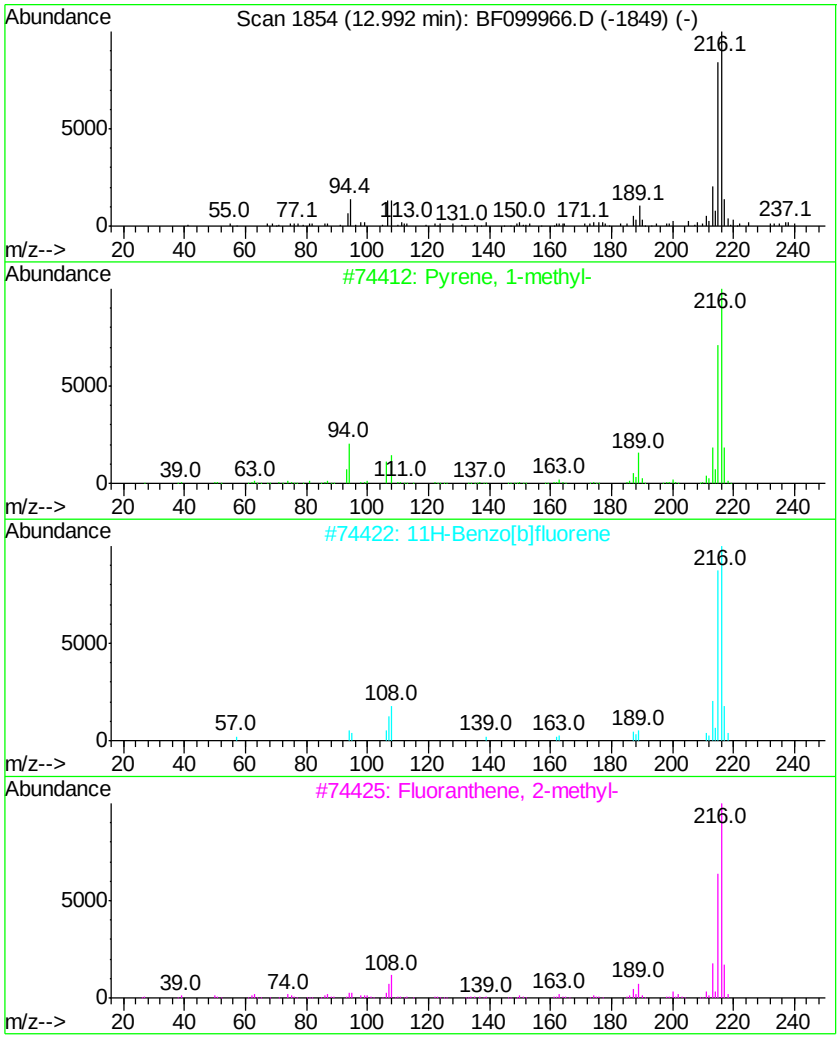
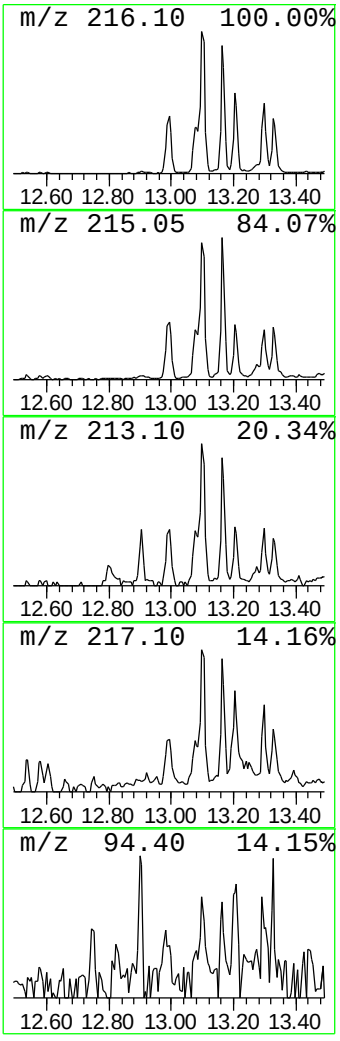
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.78 ng	144455	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83





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Data File : BF099966.D
Acq On : 30 Oct 2017 18:11
Operator : SJ/JU
Sample : I6171-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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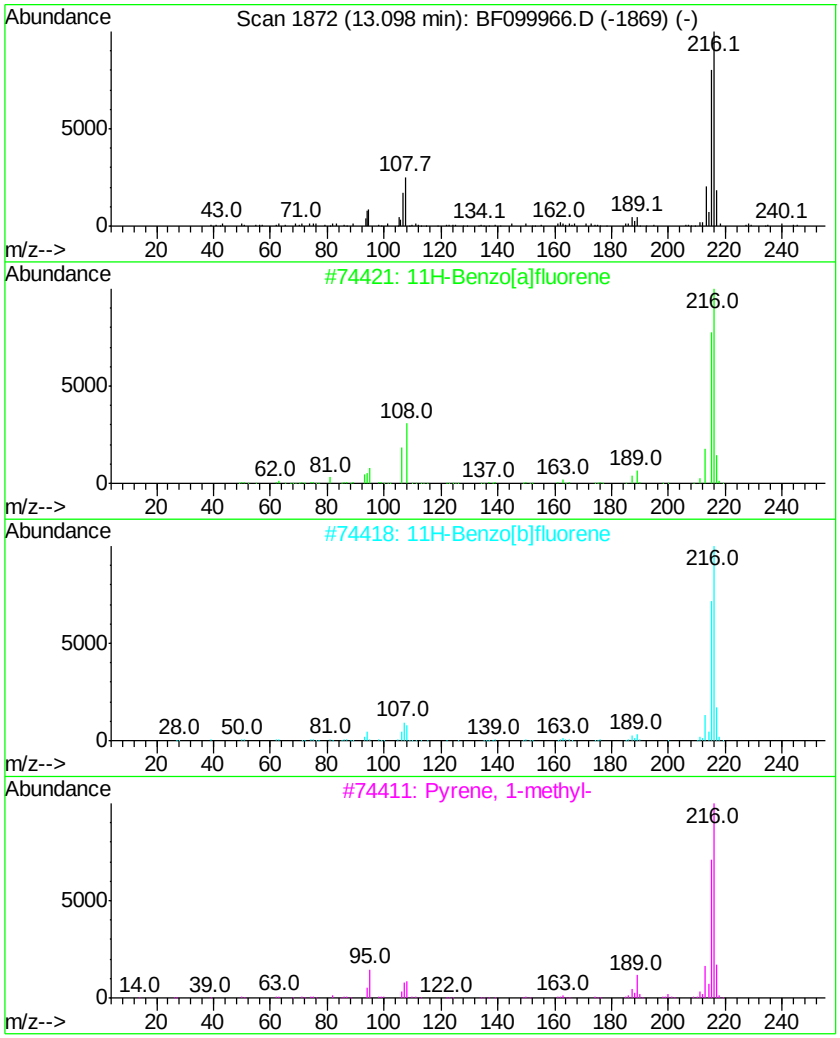
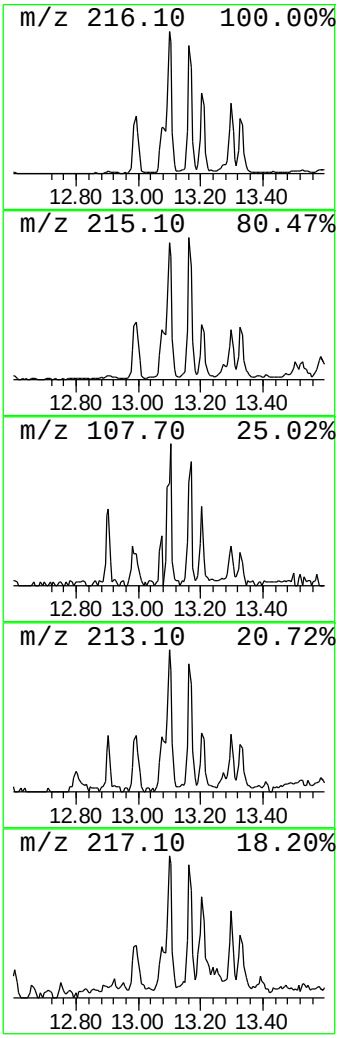
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	4.27 ng	221645	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





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Data File : BF099966.D
Acq On : 30 Oct 2017 18:11
Operator : SJ/JU
Sample : I6171-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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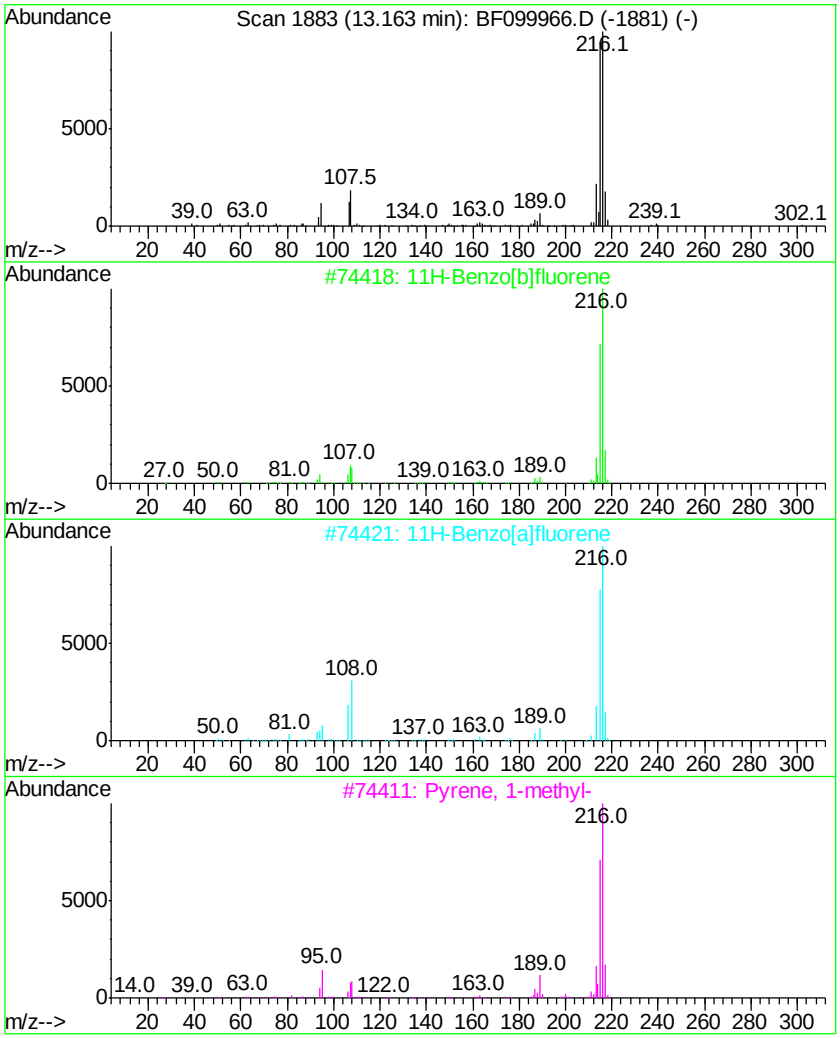
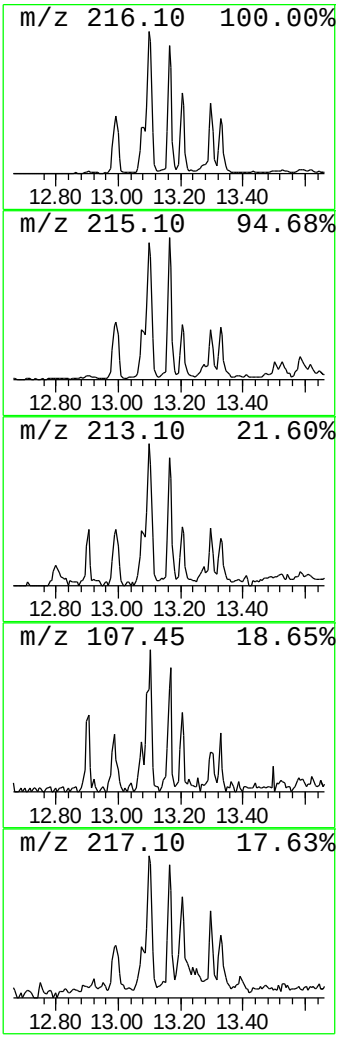
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.99 ng	155015	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60





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Acq On : 30 Oct 2017 18:11
Operator : SJ/JU
Sample : I6171-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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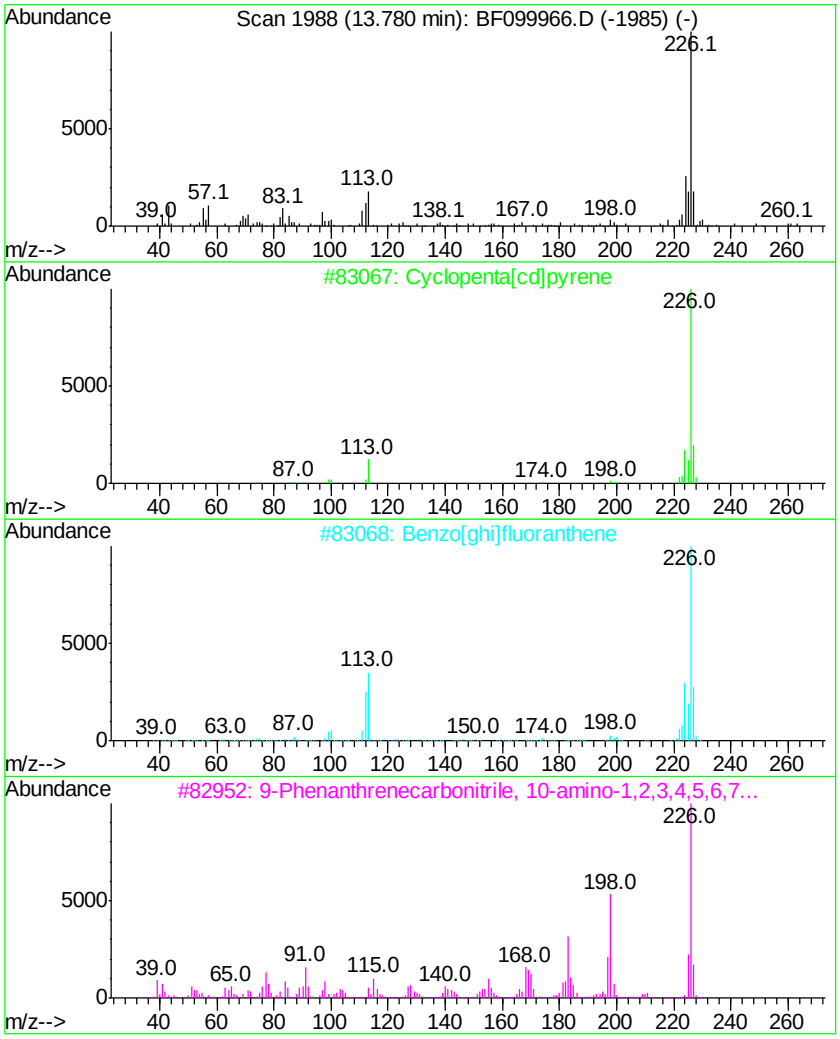
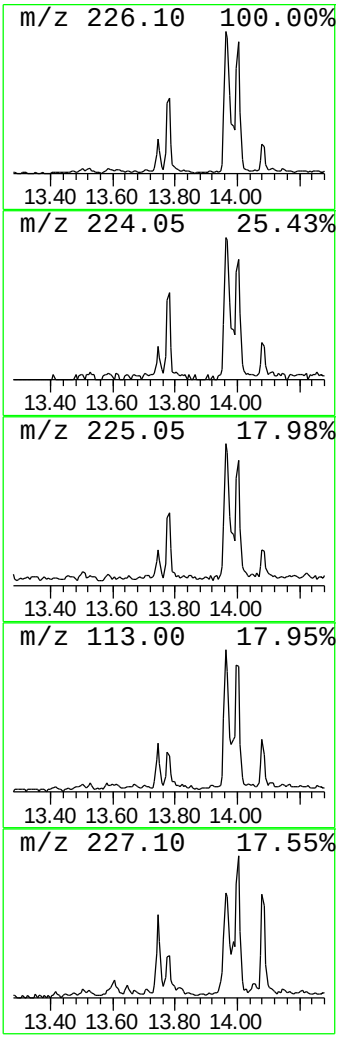
Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	3.74 ng	194089	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58
3	9-Phenanthrenecarbonitrile, 10-a...	226	C15H18N2	1000338-20-4	50
4	Ethylamine, N,N-diheptyl-2-phenyl...	349	C22H39NS	1000310-32-6	47
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	36





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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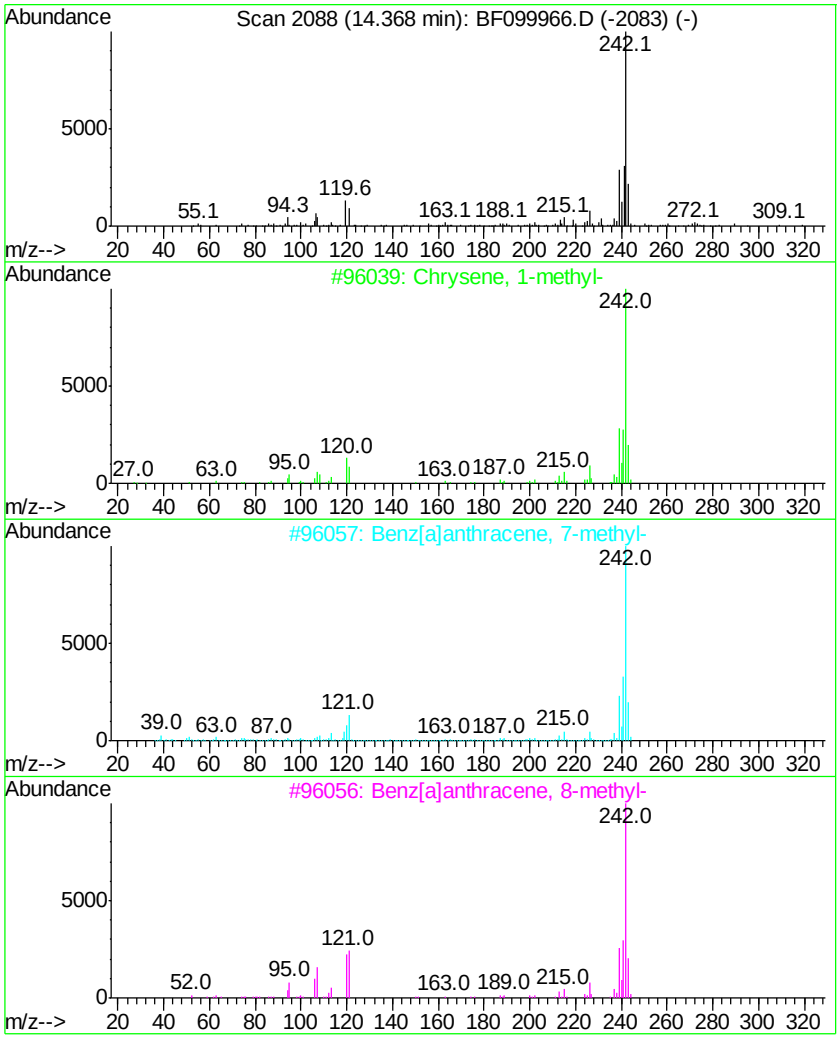
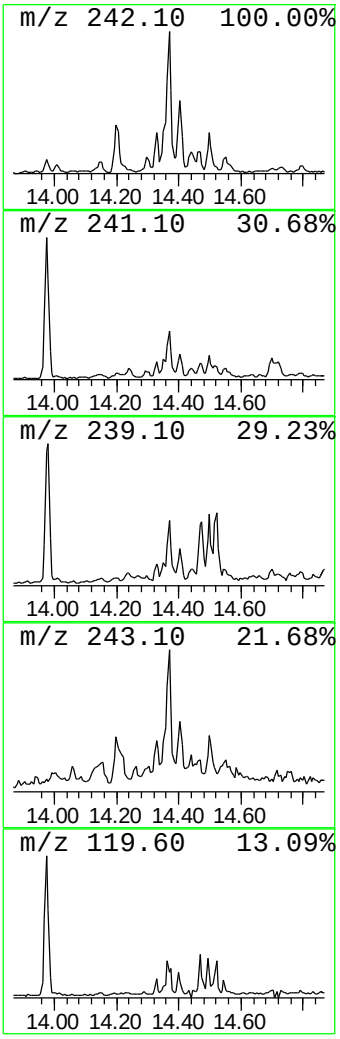
Peak Number 16 Chrysene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	2.63 ng	136689	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
4	Chrysene, 6-methyl-	242	C19H14	001705-85-7	86
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	76





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Instrument : BNA_F
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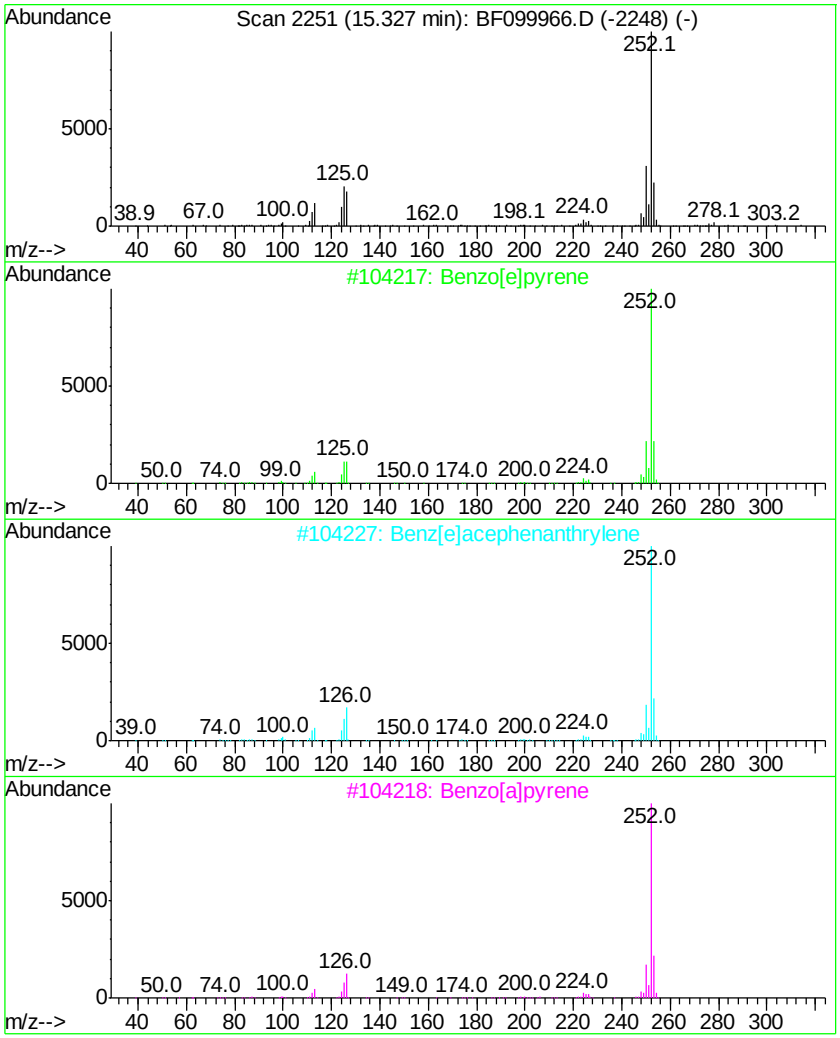
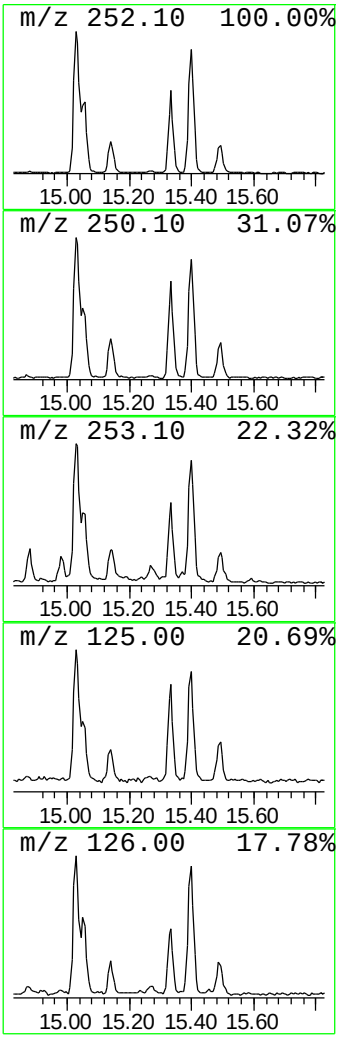
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	12.30 ng	252974	Perylene-d12	15.46

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	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	4.99	4.9	ng	124342	1	6.79	505663	20.0
unknown6.56	6.56	32.0	ng	808530	1	6.79	505663	20.0
Phenanthrene, 2-m...	11.82	3.6	ng	125490	4	11.32	703500	20.0
Anthracene, 1-met...	11.85	3.8	ng	134782	4	11.32	703500	20.0
4H-Cyclopenta[def...	11.93	7.1	ng	250639	4	11.32	703500	20.0
9,10-Dimethylanth...	12.37	2.7	ng	96439	4	11.32	703500	20.0
9,10-Bis(bromomet...	12.42	2.2	ng	76478	4	11.32	703500	20.0
Cyclopenta(def)ph...	12.47	3.0	ng	107315	4	11.32	703500	20.0
Pyrene, 1-methyl-	12.99	2.8	ng	144455	5	13.97	1037670	20.0
11H-Benzo[a]fluorene	13.10	4.3	ng	221645	5	13.97	1037670	20.0
11H-Benzo[b]fluorene	13.16	3.0	ng	155015	5	13.97	1037670	20.0
Cyclopenta[cd]pyrene	13.78	3.7	ng	194089	5	13.97	1037670	20.0
Chrysene, 1-methyl-	14.37	2.6	ng	136689	5	13.97	1037670	20.0
Benzo[e]pyrene	15.33	12.3	ng	252974	6	15.46	411341	20.0