LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100217.D
Acq On : 5 Nov 2017 12:16
Operator : SJ/JU
Sample : I6299-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110217

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	490	493	515	rBV	142847	259475	9.84%	0.733%
2	5.393	559	562	594	rBV	1025325	1665643	63.15%	4.705%
3	6.416	733	736	754	rBV	1180114	1614218	61.20%	4.559%
4	6.540	754	757	766	rVB	1723570	1750596	66.37%	4.945%
5	6.763	792	795	806	rBV	536287	502500	19.05%	1.419%
6	6.916	818	821	839	rBV	1464587	1380172	52.33%	3.898%
7	7.334	889	892	911	rBV	867954	1021522	38.73%	2.885%
8	8.045	1010	1013	1024	rBV	767440	724247	27.46%	2.046%
9	8.769	1133	1136	1143	rBV	54918	55401	2.10%	0.156%
10	8.863	1149	1152	1156	rBV	84619	78993	2.99%	0.223%
11	9.116	1191	1195	1203	rVV	2358992	1965812	74.53%	5.553%
12	9.392	1238	1242	1246	rBV2	45003	56928	2.16%	0.161%
13	9.457	1250	1253	1256	rBV	77708	80718	3.06%	0.228%
14	9.486	1256	1258	1261	rBV2	47687	50287	1.91%	0.142%
15	9.516	1261	1263	1266	rVB	217514	157880	5.99%	0.446%
16	9.581	1271	1274	1280	rVB2	44712	75522	2.86%	0.213%
17	9.663	1285	1288	1294	rVV2	77271	89302	3.39%	0.252%
18	9.710	1294	1296	1299	rVB	57383	41820	1.59%	0.118%
19	9.798	1304	1311	1314	rVV	817991	767155	29.08%	2.167%
20	9.833	1314	1317	1324	rVB	110156	131097	4.97%	0.370%
21	10.010	1342	1347	1351	rBV2	80748	124439	4.72%	0.351%
22	10.045	1351	1353	1356	rVB	43073	34170	1.30%	0.097%
23	10.116	1361	1365	1368	rBV2	44715	45984	1.74%	0.130%
24	10.210	1374	1381	1383	rBV2	107764	108915	4.13%	0.308%
25	10.269	1388	1391	1394	rBV2	25338	31527	1.20%	0.089%
26	10.351	1398	1405	1411	rBV	176284	209914	7.96%	0.593%
27	10.428	1411	1418	1421	rBV3	44543	84253	3.19%	0.238%
28	10.510	1430	1432	1435	rVB	49214	38262	1.45%	0.108%
29	10.592	1442	1446	1453	rBV	1038680	1014207	38.45%	2.865%
30	10.680	1458	1461	1465	rBV	95140	97946	3.71%	0.277%
31	10.904	1494	1499	1501	rVB	58153	73085	2.77%	0.206%
32	10.927	1501	1503	1506	rBV	39576	42308	1.60%	0.120%
33	11.127	1534	1537	1538	rBV2	101908	91204	3.46%	0.258%
34	11.192	1545	1548	1552	rVB	77853	76776	2.91%	0.217%

LSC Area Percent Report

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Acq On : 5 Nov 2017 12:16
Operator : SJ/JU
Sample : I6299-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110217

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

35	11.286	1561	1564	1566	rBV	740965	650907	24.68%	1.839%
36	11.310	1566	1568	1574	rVB	1254226	1215005	46.06%	3.432%
37	11.369	1575	1578	1582	rBV	306862	294427	11.16%	0.832%
38	11.539	1603	1607	1612	rVV2	131747	191781	7.27%	0.542%
39	11.622	1616	1621	1624	rVV	52099	66847	2.53%	0.189%
40	11.657	1624	1627	1631	rVV	1005723	847071	32.11%	2.393%
41	11.716	1633	1637	1640	rVV	38507	48353	1.83%	0.137%
42	11.798	1647	1651	1653	rBV2	343589	443879	16.83%	1.254%
43	11.822	1653	1655	1661	rVV	294884	276841	10.50%	0.782%
44	11.874	1661	1664	1666	rVV	83004	62868	2.38%	0.178%
45	11.904	1666	1669	1671	rVV	346340	326703	12.39%	0.923%
46	11.927	1671	1673	1676	rVV	156364	148055	5.61%	0.418%
47	11.963	1676	1679	1681	rVB2	39934	32267	1.22%	0.091%
48	11.992	1681	1684	1687	rBV4	32922	37261	1.41%	0.105%
49	12.022	1687	1689	1694	rVB3	26225	30706	1.16%	0.087%
50	12.086	1697	1700	1702	rBV	130203	107692	4.08%	0.304%
51	12.151	1708	1711	1714	rVB2	57534	60696	2.30%	0.171%
52	12.233	1723	1725	1728	rVB	54788	42240	1.60%	0.119%
53	12.269	1728	1731	1733	rBV	71498	53649	2.03%	0.152%
54	12.298	1733	1736	1740	rVB3	42204	42732	1.62%	0.121%
55	12.345	1740	1744	1746	rBV2	2431769	2637661	100.00%	7.450%
56	12.369	1746	1748	1756	rVB2	2047442	1872107	70.98%	5.288%
57	12.451	1759	1762	1766	rVB2	412628	388142	14.72%	1.096%
58	12.510	1766	1772	1776	rBV	1466976	1559301	59.12%	4.404%
59	12.586	1780	1785	1788	rBV3	213524	263102	9.97%	0.743%
60	12.669	1795	1799	1804	rBV6	70519	116964	4.43%	0.330%
61	12.739	1808	1811	1817	rVV	1263536	1201578	45.55%	3.394%
62	12.792	1817	1820	1824	rVB	75206	64653	2.45%	0.183%
63	12.869	1829	1833	1836	rVV	1452482	1363141	51.68%	3.850%
64	12.921	1839	1842	1844	rBV	42545	37232	1.41%	0.105%
65	12.963	1844	1849	1853	rVB2	97146	176377	6.69%	0.498%
66	13.004	1853	1856	1860	rBV3	64649	78273	2.97%	0.221%
67	13.069	1864	1867	1872	rVV	238217	275353	10.44%	0.778%
68	13.133	1875	1878	1881	rVV	188113	158721	6.02%	0.448%
69	13.174	1881	1885	1891	rVB4	179489	229212	8.69%	0.647%
70	13.268	1898	1901	1904	rBV	112306	120772	4.58%	0.341%
71	13.298	1904	1906	1916	rVB2	106336	168083	6.37%	0.475%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I6299-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110217

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	13.416	1922	1926	1928	rBV3	49522	53000	2.01%	0.150%
73	13.492	1933	1939	1941	rBV3	35137	67932	2.58%	0.192%
74	13.604	1956	1958	1961	rVB	67226	60737	2.30%	0.172%
75	13.692	1967	1973	1974	rBV2	116314	126642	4.80%	0.358%
76	13.710	1974	1976	1979	rVV	146668	139421	5.29%	0.394%
77	13.745	1979	1982	1985	rVV2	120336	153269	5.81%	0.433%
78	13.768	1985	1986	1992	rVV5	66852	69596	2.64%	0.197%
79	13.816	1992	1994	1996	rVB	52733	44503	1.69%	0.126%
80	13.933	2010	2014	2017	rBV2	687660	1002295	38.00%	2.831%
81	13.963	2017	2019	2027	rVB2	494569	607446	23.03%	1.716%
82	14.021	2027	2029	2031	rBV2	28961	31153	1.18%	0.088%
83	14.051	2031	2034	2038	rVB2	99075	105872	4.01%	0.299%
84	14.157	2050	2052	2055	rBV2	47484	57404	2.18%	0.162%
85	14.186	2055	2057	2063	rVB2	50167	55929	2.12%	0.158%
86	14.333	2080	2082	2085	rVV	118869	116278	4.41%	0.328%
87	14.363	2085	2087	2091	rVB2	85880	88364	3.35%	0.250%
88	14.404	2091	2094	2097	rBV2	51051	62665	2.38%	0.177%
89	14.457	2101	2103	2110	rVB4	80644	129756	4.92%	0.367%
90	14.657	2134	2137	2139	rBV3	52164	56882	2.16%	0.161%
91	14.680	2139	2141	2145	rVB2	47700	49280	1.87%	0.139%
92	14.780	2155	2158	2162	rBV	48039	58588	2.22%	0.165%
93	14.980	2188	2192	2195	rBV	387298	516851	19.60%	1.460%
94	15.092	2209	2211	2216	rBV	53283	69022	2.62%	0.195%
95	15.180	2223	2226	2228	rBV3	26843	37685	1.43%	0.106%
96	15.280	2239	2243	2247	rVB	197665	242623	9.20%	0.685%
97	15.345	2250	2254	2259	rVB	298245	358699	13.60%	1.013%
98	15.398	2259	2263	2268	rBV	387378	496666	18.83%	1.403%
99	16.880	2511	2515	2524	rVB2	85270	174061	6.60%	0.492%
100	17.327	2587	2591	2603	rVB	62414	138033	5.23%	0.390%

Sum of corrected areas: 35403582

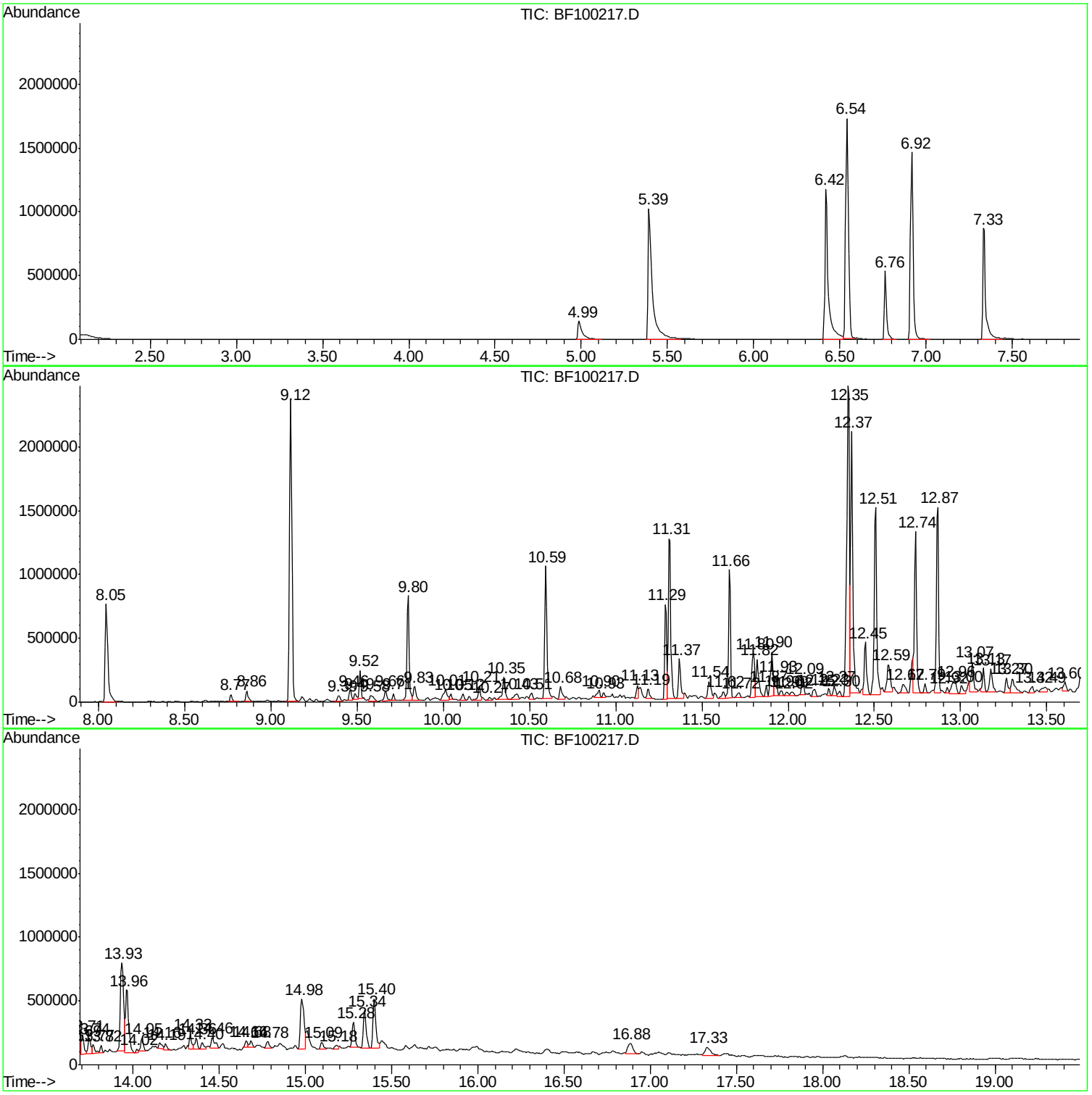
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
Data File : BF100217.D
Acq On : 5 Nov 2017 12:16
Operator : SJ/JU
Sample : I6299-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110217

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110517\
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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

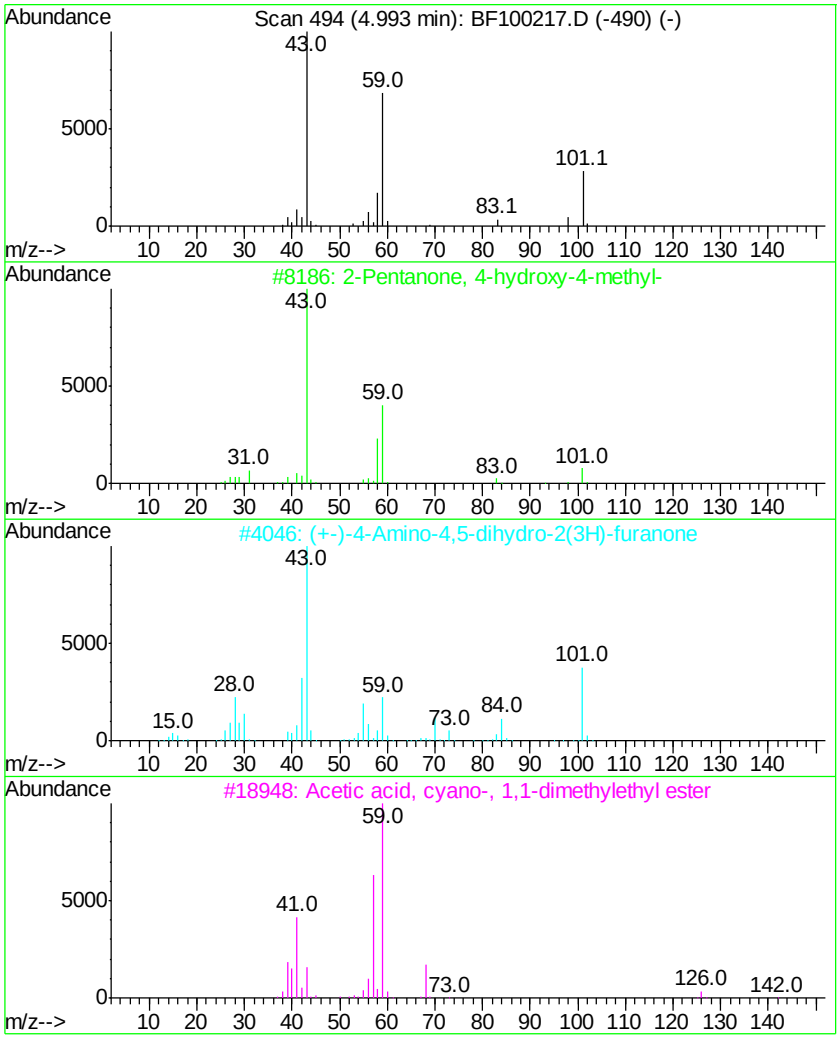
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

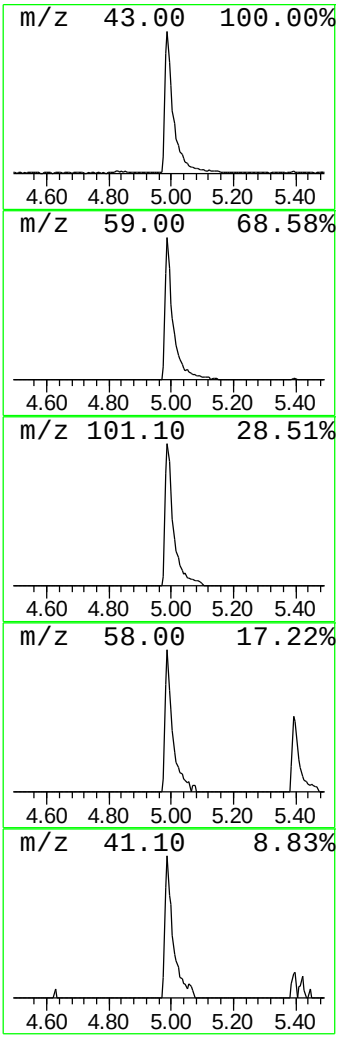
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	10.33 ng	259475	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9





Library Search Compound Report

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110217

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

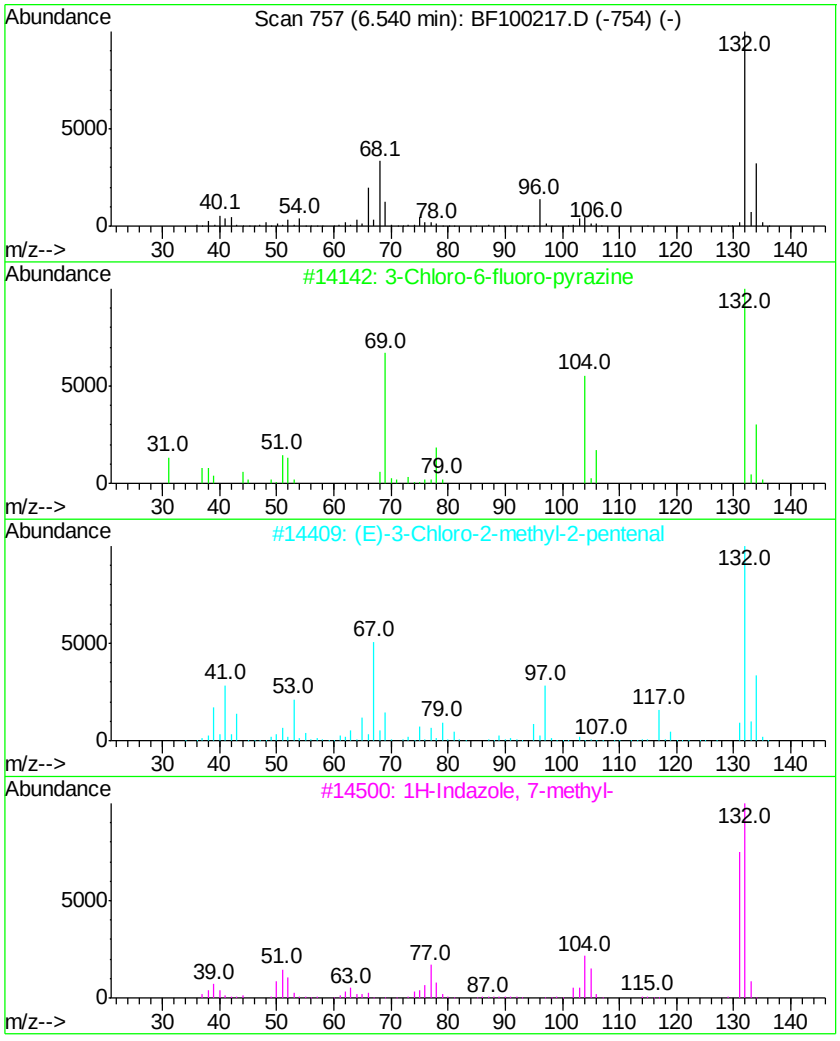
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

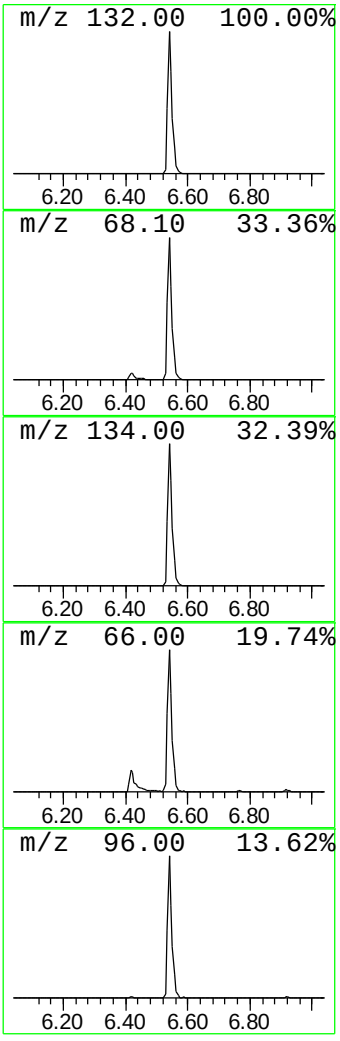
****

Peak Number 2 unknown6.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	69.68 ng	1750600	1,4-Dichlorobenzene-d4	6.76

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	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

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

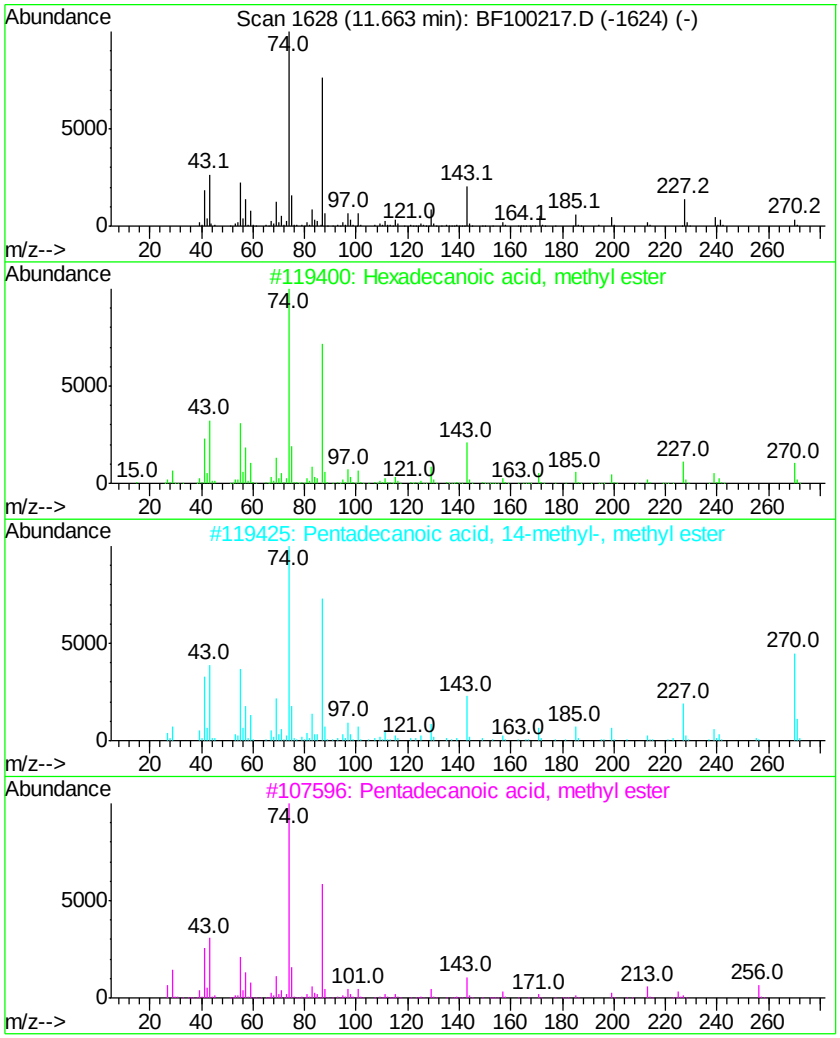
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

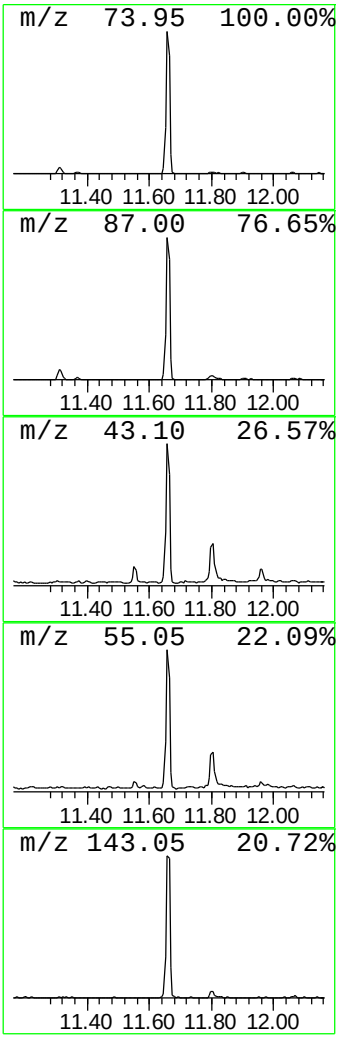
****

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	26.03 ng	847071	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	86





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Instrument : BNA_F
ClientSampleId : OK-02-110217

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

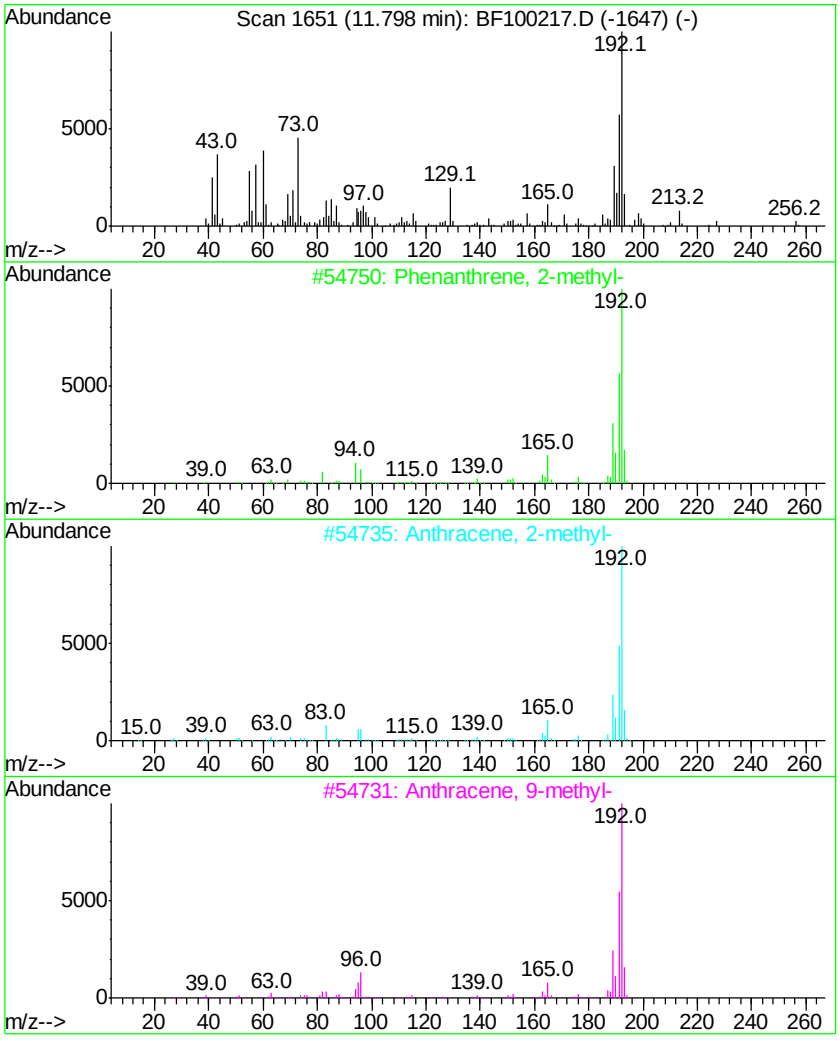
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

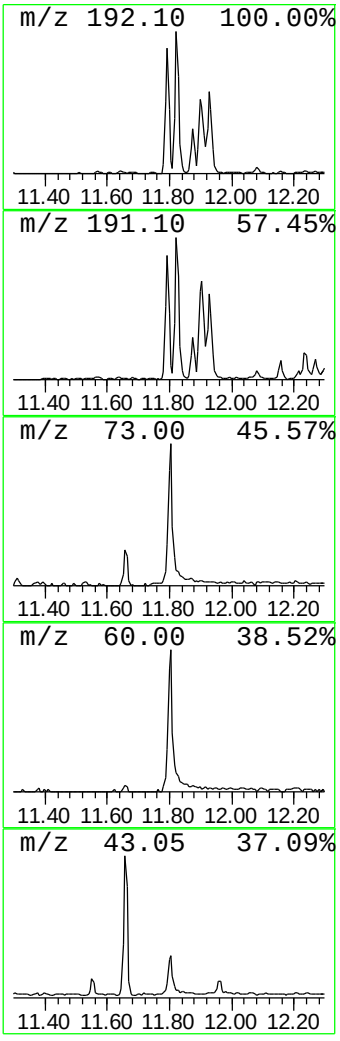
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	13.64 ng	443879	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64





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Operator : SJ/JU
Sample : I6299-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110217

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

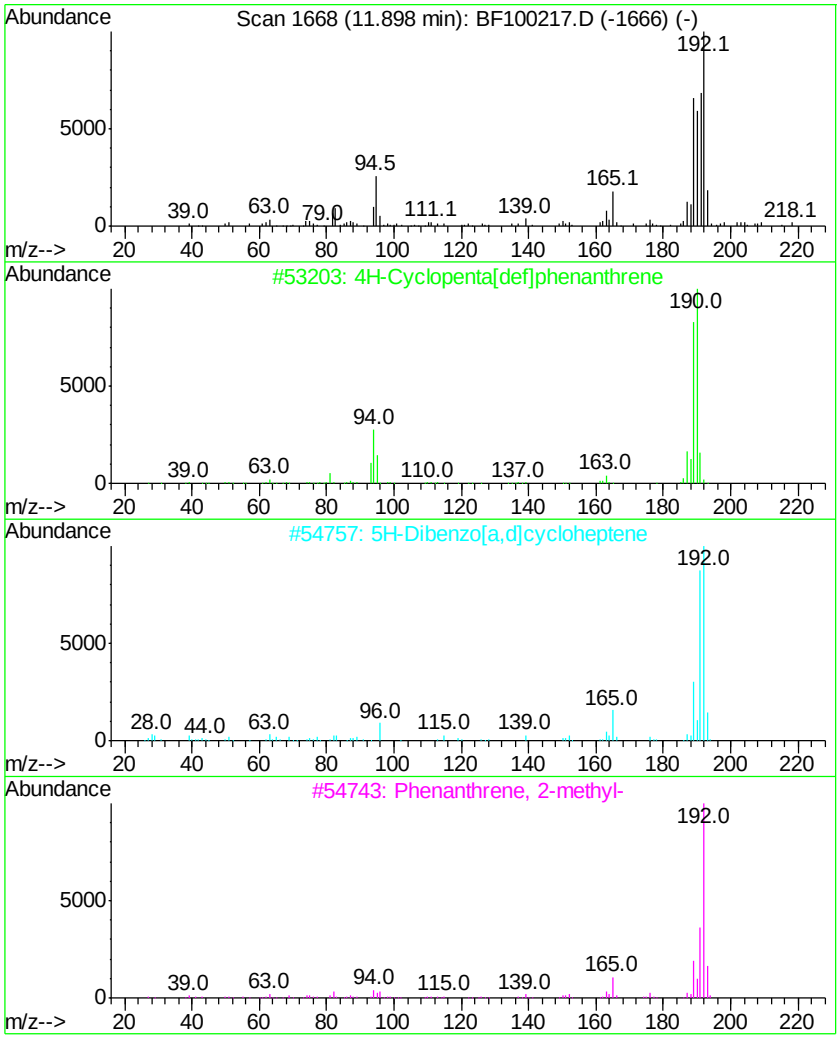
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

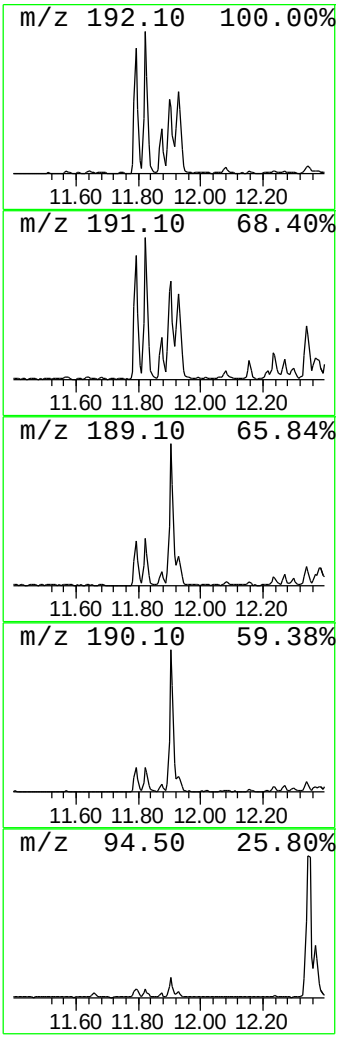
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	10.04 ng	326703	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	15





Library Search Compound Report

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Data File : BF100217.D
Acq On : 5 Nov 2017 12:16
Operator : SJ/JU
Sample : I6299-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110217

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

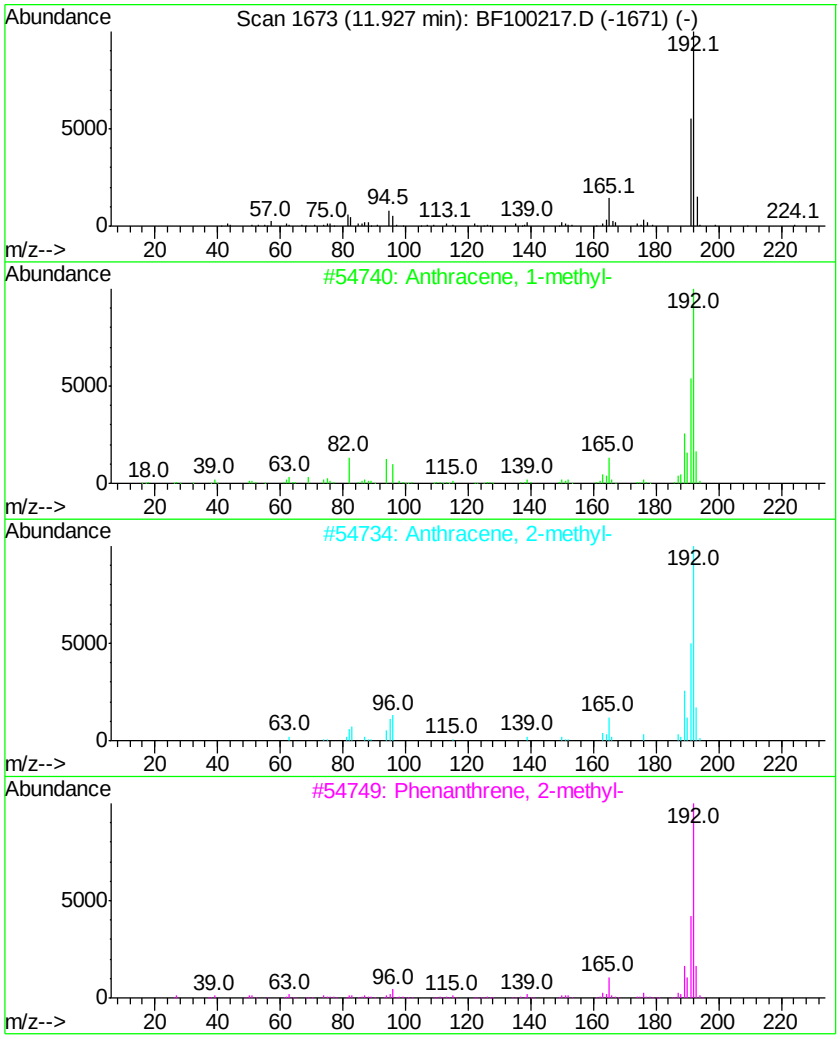
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

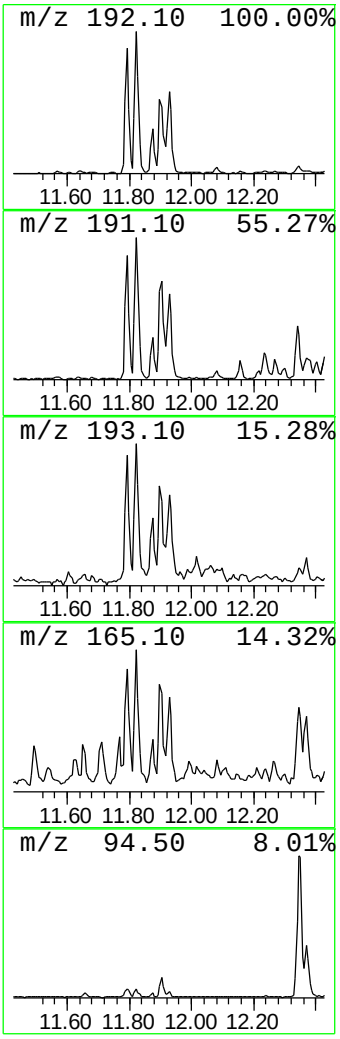
****

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.55 ng	148055	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





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Sample : I6299-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110217

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

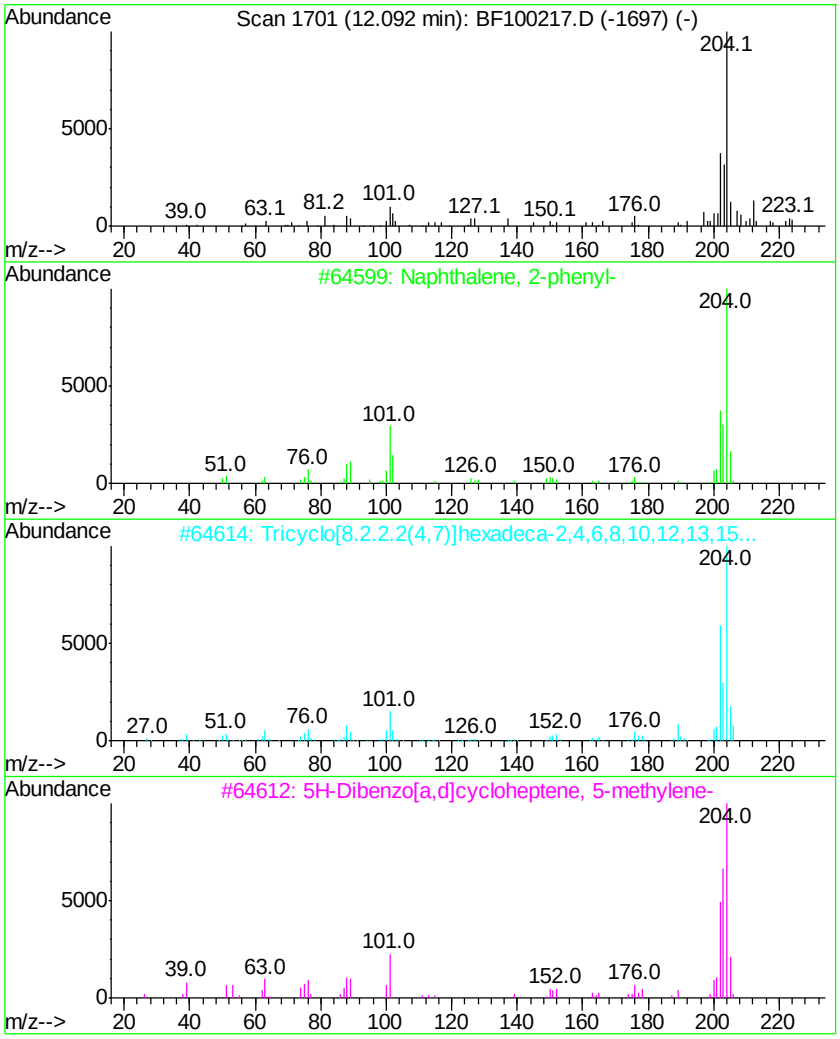
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

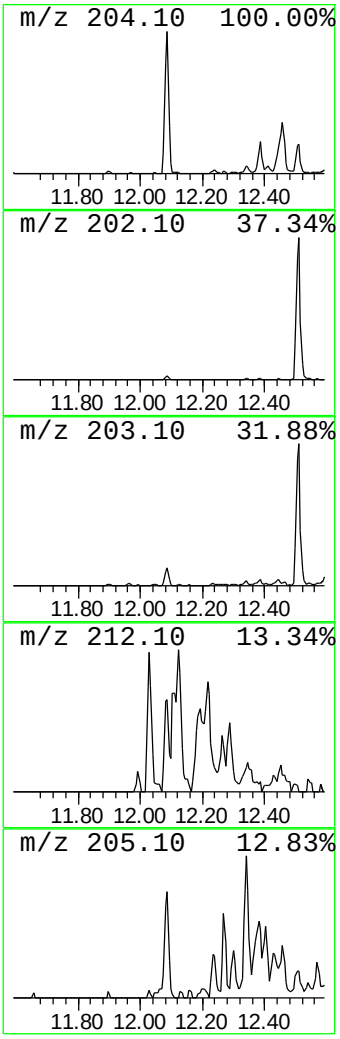
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.31 ng	107692	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	53
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49





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ClientSampleId : OK-02-110217

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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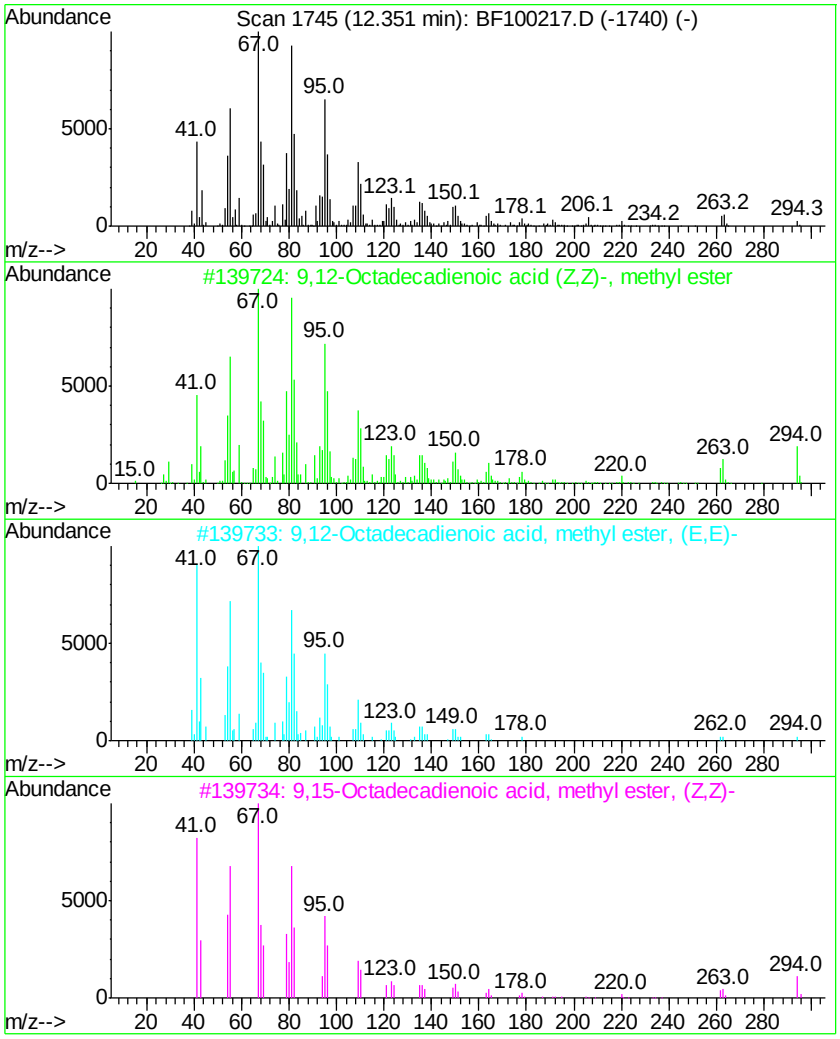
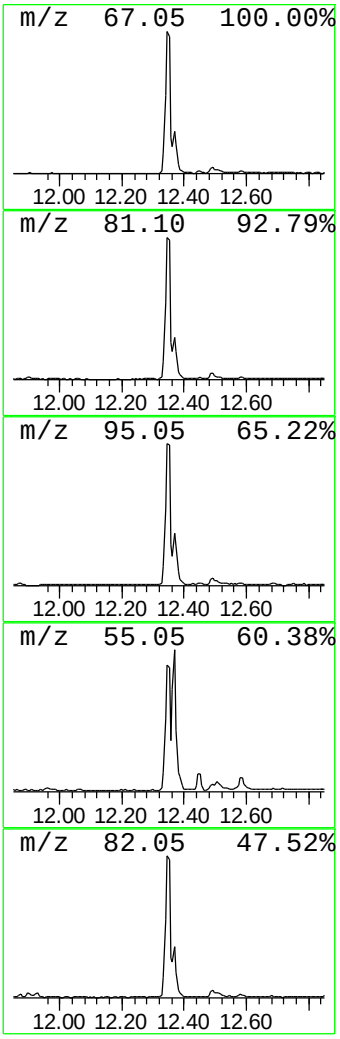
****
Peak Number 11 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	81.05 ng	2637660	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





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Instrument : BNA_F
ClientSampleId : OK-02-110217

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TIC Library : C:\DATABASE\NIST11.L
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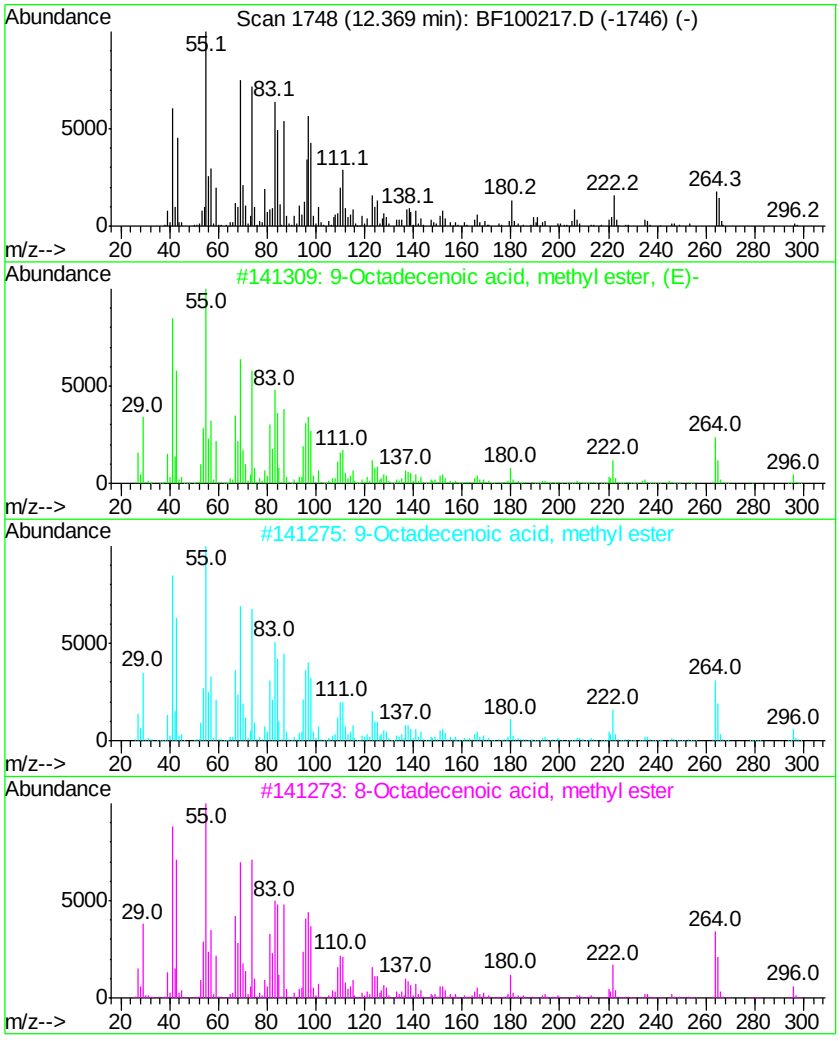
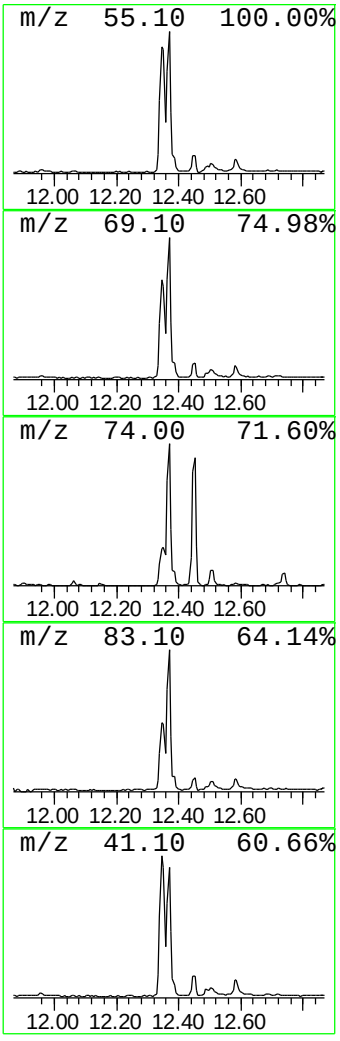
Peak Number 12 9-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	57.52 ng	1872110	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	95
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	93
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	91
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	90
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	89





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Sample : I6299-01
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
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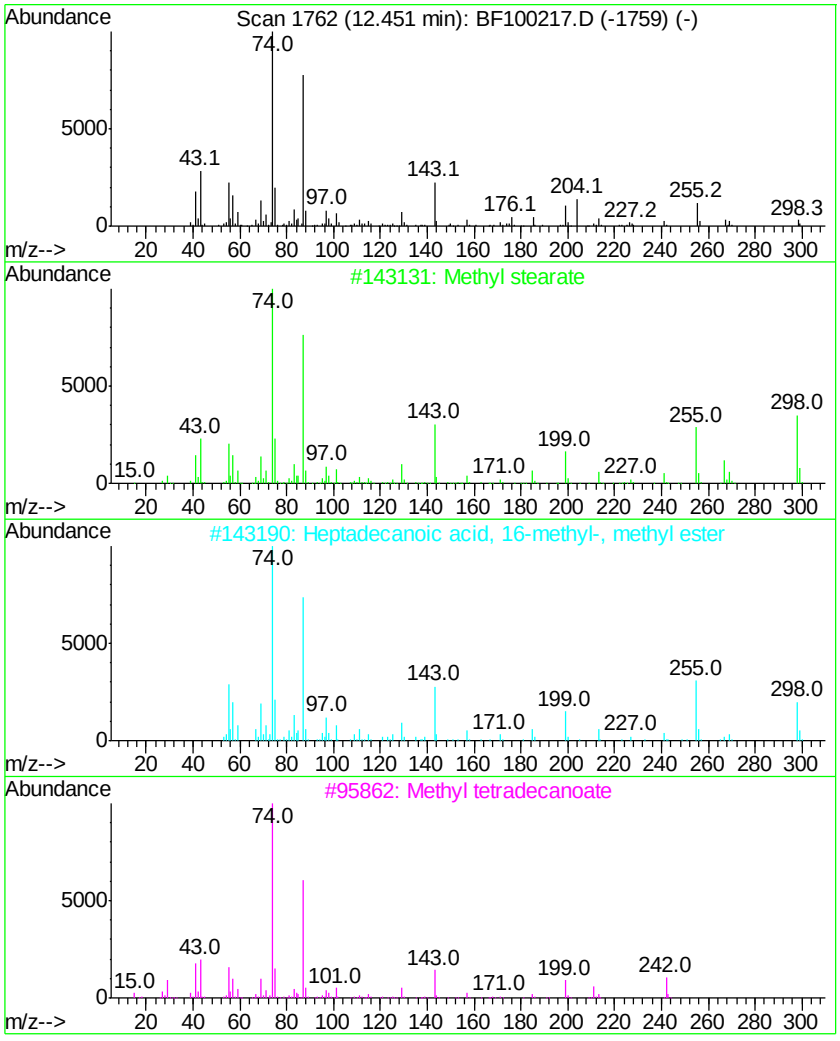
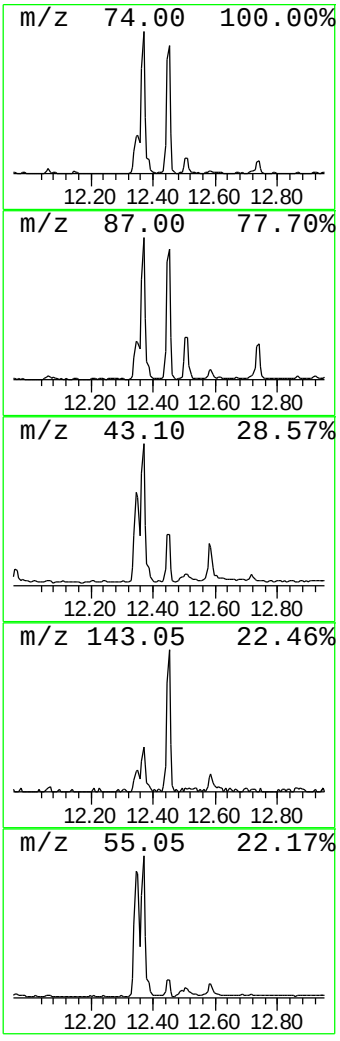
Peak Number 13 Methyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	11.93 ng	388142	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	83
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83





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Sample : I6299-01
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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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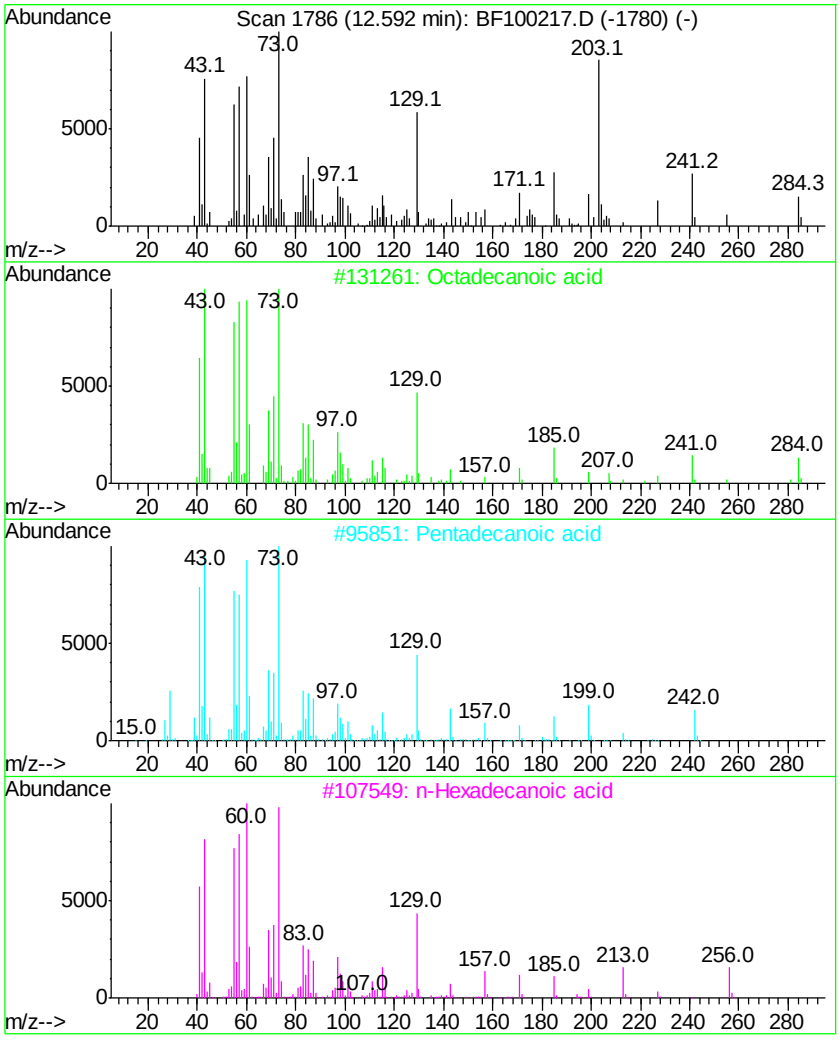
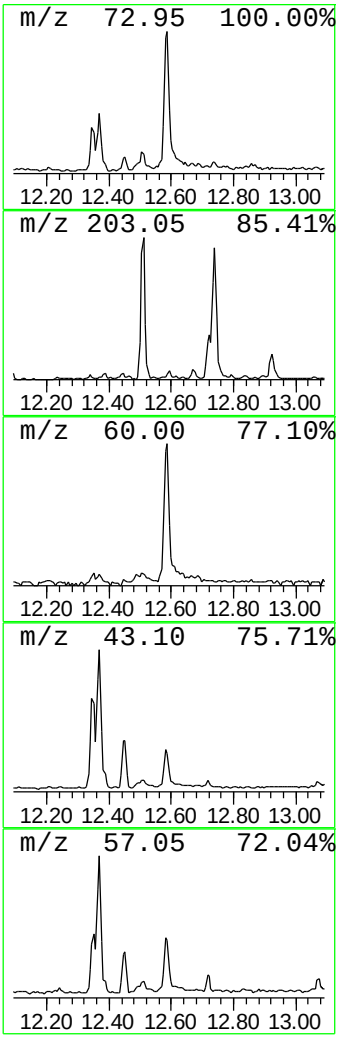
Peak Number 14 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	8.08 ng	263102	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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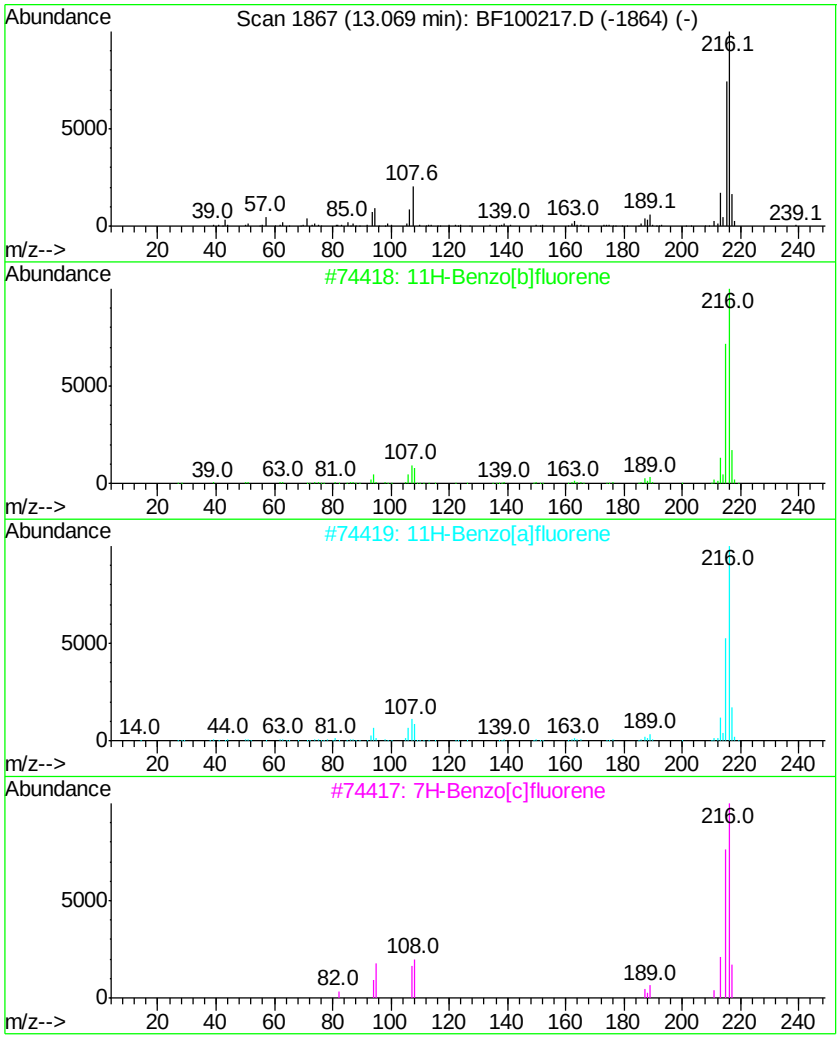
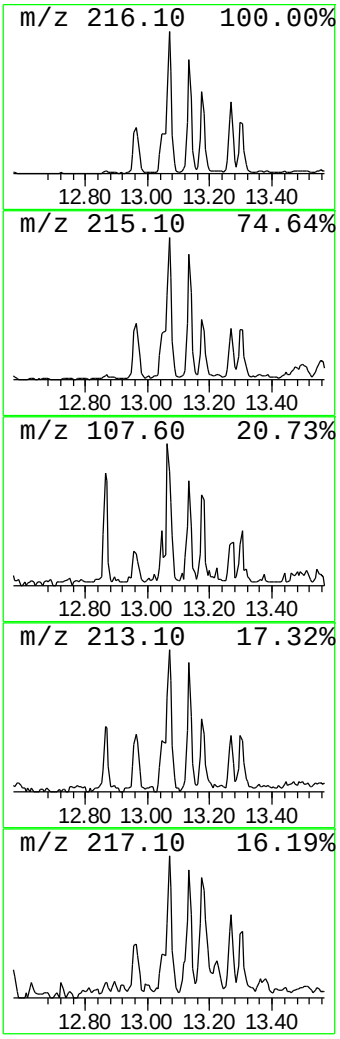
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	5.49 ng	275353	Chrysene-d12	13.94

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	94
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





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Sample : I6299-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-110217

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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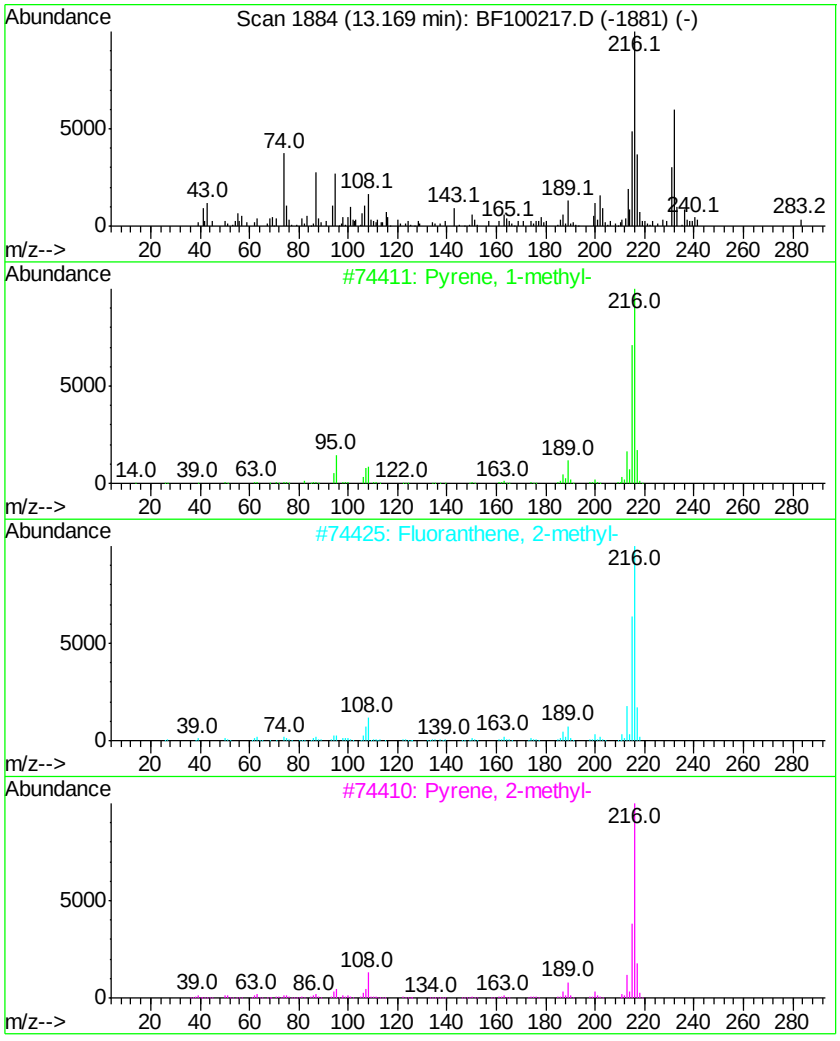
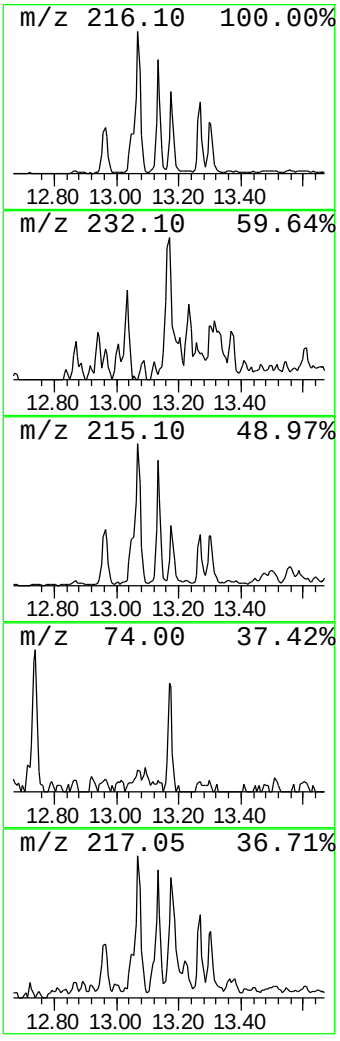
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	4.57 ng	229212	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86





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

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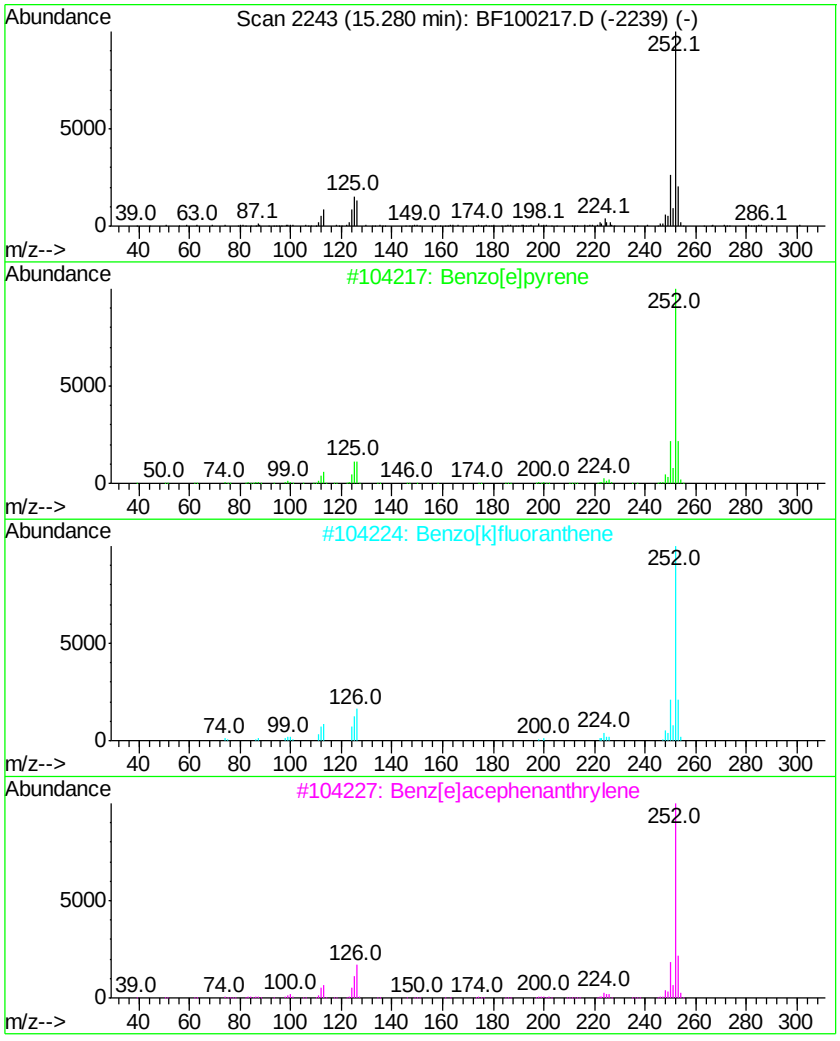
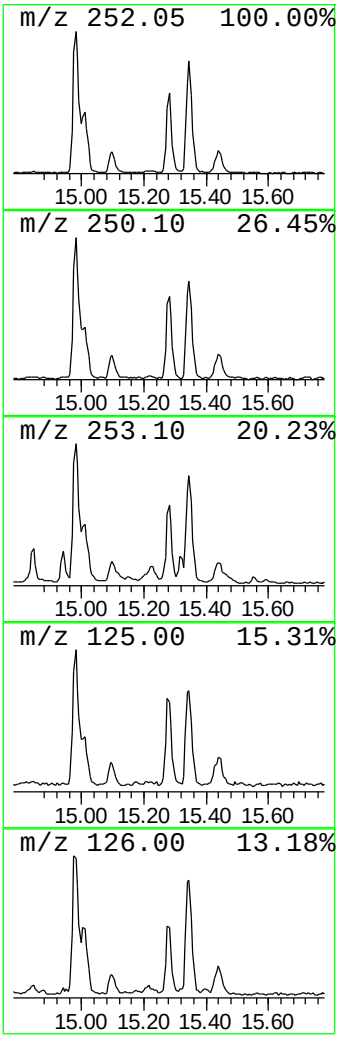
Peak Number 20 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	9.77 ng	242623	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.99	10.3	ng	259475	1	6.76	502500	20.0
unknown6.54	6.54	69.7	ng	1750600	1	6.76	502500	20.0
Hexadecanoic acid...	11.66	26.0	ng	847071	4	11.29	650907	20.0
Phenanthrene, 2-m...	11.80	13.6	ng	443879	4	11.29	650907	20.0
4H-Cyclopenta[def...	11.90	10.0	ng	326703	4	11.29	650907	20.0
Anthracene, 1-met...	11.93	4.5	ng	148055	4	11.29	650907	20.0
Naphthalene, 2-ph...	12.09	3.3	ng	107692	4	11.29	650907	20.0
9,12-Octadecadien...	12.35	81.0	ng	2637660	4	11.29	650907	20.0
9-Octadecenoic ac...	12.37	57.5	ng	1872110	4	11.29	650907	20.0
Methyl stearate	12.45	11.9	ng	388142	4	11.29	650907	20.0
Octadecanoic acid	12.59	8.1	ng	263102	4	11.29	650907	20.0
11H-Benzo[b]fluorene	13.07	5.5	ng	275353	5	13.94	1002300	20.0
Pyrene, 1-methyl-	13.17	4.6	ng	229212	5	13.94	1002300	20.0
Benzo[e]pyrene	15.28	9.8	ng	242623	6	15.40	496666	20.0