LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100148.D
Acq On : 3 Nov 2017 21:26
Operator : SJ/JU
Sample : I6093-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-1-4

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	516	rBV	173141	314007	15.40%	1.094%
2	5.393	559	562	583	rBV	1350617	1752566	85.96%	6.104%
3	6.422	733	737	754	rBV	1483487	1853369	90.91%	6.455%
4	6.545	754	758	771	rVB	1886361	1870480	91.75%	6.515%
5	6.769	793	796	806	rBV	554505	505743	24.81%	1.761%
6	6.922	818	822	839	rBV	1595283	1476699	72.43%	5.143%
7	7.340	890	893	914	rBV	1070582	1130577	55.45%	3.938%
8	8.051	1011	1014	1028	rBV	753690	733197	35.96%	2.554%
9	8.616	1107	1110	1117	rBV2	34597	40848	2.00%	0.142%
10	8.769	1134	1136	1144	rBV	24579	26854	1.32%	0.094%
11	9.122	1192	1196	1200	rBV	2247672	2038766	100.00%	7.101%
12	9.522	1261	1264	1271	rVB	328488	267646	13.13%	0.932%
13	9.804	1308	1312	1315	rBV	894701	750800	36.83%	2.615%
14	9.839	1315	1318	1325	rVB	138310	142143	6.97%	0.495%
15	10.016	1343	1348	1351	rBV	47079	49070	2.41%	0.171%
16	10.192	1375	1378	1381	rBV	50904	44313	2.17%	0.154%
17	10.357	1403	1406	1412	rVB	115676	105989	5.20%	0.369%
18	10.516	1431	1433	1438	rVB	144537	127501	6.25%	0.444%
19	10.598	1444	1447	1456	rBV	931809	980974	48.12%	3.417%
20	10.692	1460	1463	1472	rVB4	24928	43331	2.13%	0.151%
21	10.928	1501	1503	1506	rVB2	49171	42161	2.07%	0.147%
22	11.122	1530	1536	1538	rBV	40468	46288	2.27%	0.161%
23	11.198	1546	1549	1554	rVB	63693	60843	2.98%	0.212%
24	11.298	1562	1566	1568	rBV	794681	732885	35.95%	2.553%
25	11.322	1568	1570	1574	rVV	1260558	988243	48.47%	3.442%
26	11.375	1576	1579	1583	rVV	149399	154484	7.58%	0.538%
27	11.422	1586	1587	1593	rVB	27693	26657	1.31%	0.093%
28	11.539	1605	1607	1613	rBV2	94583	115211	5.65%	0.401%
29	11.722	1635	1638	1642	rBV3	31748	34456	1.69%	0.120%
30	11.798	1649	1651	1654	rBV	106826	133658	6.56%	0.466%
31	11.827	1654	1656	1662	rVB	131278	128490	6.30%	0.448%
32	11.880	1662	1665	1667	rBV	32209	24725	1.21%	0.086%
33	11.910	1667	1670	1673	rBV	176491	176364	8.65%	0.614%
34	11.933	1673	1674	1679	rVB	49306	43035	2.11%	0.150%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100148.D
Acq On : 3 Nov 2017 21:26
Operator : SJ/JU
Sample : I6093-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-1-4

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	12.092	1698	1701	1705	rVB	96511	78840	3.87%	0.275%
36	12.145	1707	1710	1716	rVB2	105609	111652	5.48%	0.389%
37	12.245	1724	1727	1730	rVB2	25768	22041	1.08%	0.077%
38	12.298	1734	1736	1741	rVB2	41204	37337	1.83%	0.130%
39	12.351	1741	1745	1748	rBV3	47728	59911	2.94%	0.209%
40	12.457	1761	1763	1769	rVB	48131	50182	2.46%	0.175%
41	12.516	1769	1773	1778	rBV	1411402	1279357	62.75%	4.456%
42	12.669	1797	1799	1802	rBV2	59999	55839	2.74%	0.194%
43	12.727	1806	1809	1810	rVV	243827	226341	11.10%	0.788%
44	12.745	1810	1812	1818	rVV	1086292	938491	46.03%	3.269%
45	12.798	1818	1821	1826	rVB	43890	46879	2.30%	0.163%
46	12.880	1830	1835	1838	rVV	1481995	1427160	70.00%	4.971%
47	12.922	1839	1842	1845	rBV	41004	40158	1.97%	0.140%
48	12.963	1845	1849	1853	rVV3	49961	77364	3.79%	0.269%
49	13.074	1860	1868	1873	rVB	132752	194299	9.53%	0.677%
50	13.139	1874	1879	1882	rBV	106406	104257	5.11%	0.363%
51	13.180	1882	1886	1893	rVV3	67006	116761	5.73%	0.407%
52	13.274	1899	1902	1905	rBV2	35561	34826	1.71%	0.121%
53	13.304	1905	1907	1910	rVV	43674	45701	2.24%	0.159%
54	13.351	1910	1915	1923	rVB	500809	455851	22.36%	1.588%
55	13.427	1925	1928	1931	rBV2	19273	23567	1.16%	0.082%
56	13.498	1938	1940	1943	rVB2	33797	27536	1.35%	0.096%
57	13.604	1953	1958	1964	rVB	63148	72621	3.56%	0.253%
58	13.704	1971	1975	1976	rBV	80974	88256	4.33%	0.307%
59	13.757	1981	1984	1990	rVB3	174517	231283	11.34%	0.806%
60	13.816	1991	1994	1998	rVB	75864	75453	3.70%	0.263%
61	13.869	1998	2003	2006	rBV	40394	50095	2.46%	0.174%
62	13.951	2010	2017	2019	rVV2	582958	930313	45.63%	3.240%
63	13.974	2019	2021	2029	rVB	509107	465744	22.84%	1.622%
64	14.057	2032	2035	2040	rVB	87009	75263	3.69%	0.262%
65	14.121	2043	2046	2050	rVV3	36293	46681	2.29%	0.163%
66	14.174	2050	2055	2056	rVV2	49192	69440	3.41%	0.242%
67	14.192	2056	2058	2063	rVB2	44638	47618	2.34%	0.166%
68	14.339	2078	2083	2086	rBV2	75474	99313	4.87%	0.346%
69	14.374	2086	2089	2092	rBV3	36946	40802	2.00%	0.142%
70	14.404	2092	2094	2098	rVB2	51395	52442	2.57%	0.183%
71	14.468	2102	2105	2106	rBV3	41379	42227	2.07%	0.147%

LSC Area Percent Report

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Data File : BF100148.D
Acq On : 3 Nov 2017 21:26
Operator : SJ/JU
Sample : I6093-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-1-4

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

72	14.527	2111	2115	2119	rVB2	27011	43540	2.14%	0.152%
73	14.680	2136	2141	2146	rBV4	59131	94019	4.61%	0.327%
74	14.845	2167	2169	2179	rVB3	42875	81344	3.99%	0.283%
75	14.945	2182	2186	2190	rVB2	22999	32409	1.59%	0.113%
76	14.992	2190	2194	2197	rBV	495571	735206	36.06%	2.561%
77	15.098	2210	2212	2217	rVB	48268	58476	2.87%	0.204%
78	15.186	2224	2227	2228	rBV	24476	24403	1.20%	0.085%
79	15.286	2240	2244	2249	rBV	275813	326526	16.02%	1.137%
80	15.357	2252	2256	2261	rVV	366969	476167	23.36%	1.658%
81	15.410	2261	2265	2269	rVV	377190	452692	22.20%	1.577%
82	15.445	2269	2271	2281	rVB2	84529	133805	6.56%	0.466%
83	15.586	2292	2295	2298	rBV2	20935	27928	1.37%	0.097%
84	15.774	2323	2327	2332	rVB3	78951	117366	5.76%	0.409%
85	15.833	2334	2337	2339	rBV4	16259	23035	1.13%	0.080%
86	15.980	2358	2362	2365	rVB	18943	24651	1.21%	0.086%
87	16.257	2404	2409	2414	rBV2	72178	118151	5.80%	0.412%
88	16.674	2473	2480	2485	rBV3	26286	56600	2.78%	0.197%
89	16.721	2486	2488	2495	rVV2	19139	28794	1.41%	0.100%
90	16.815	2499	2504	2509	rVV2	59758	116754	5.73%	0.407%
91	16.886	2510	2516	2523	rVB2	153076	296012	14.52%	1.031%
92	17.051	2540	2544	2550	rBV4	29173	53486	2.62%	0.186%
93	17.109	2550	2554	2562	rVB4	25445	59884	2.94%	0.209%
94	17.333	2586	2592	2606	rVV	121474	286501	14.05%	0.998%
95	17.474	2610	2616	2626	rVB4	49230	131809	6.47%	0.459%
96	17.598	2633	2637	2644	rVB2	23130	48445	2.38%	0.169%
97	18.262	2743	2750	2758	rBV8	21376	59476	2.92%	0.207%

Sum of corrected areas: 28711753

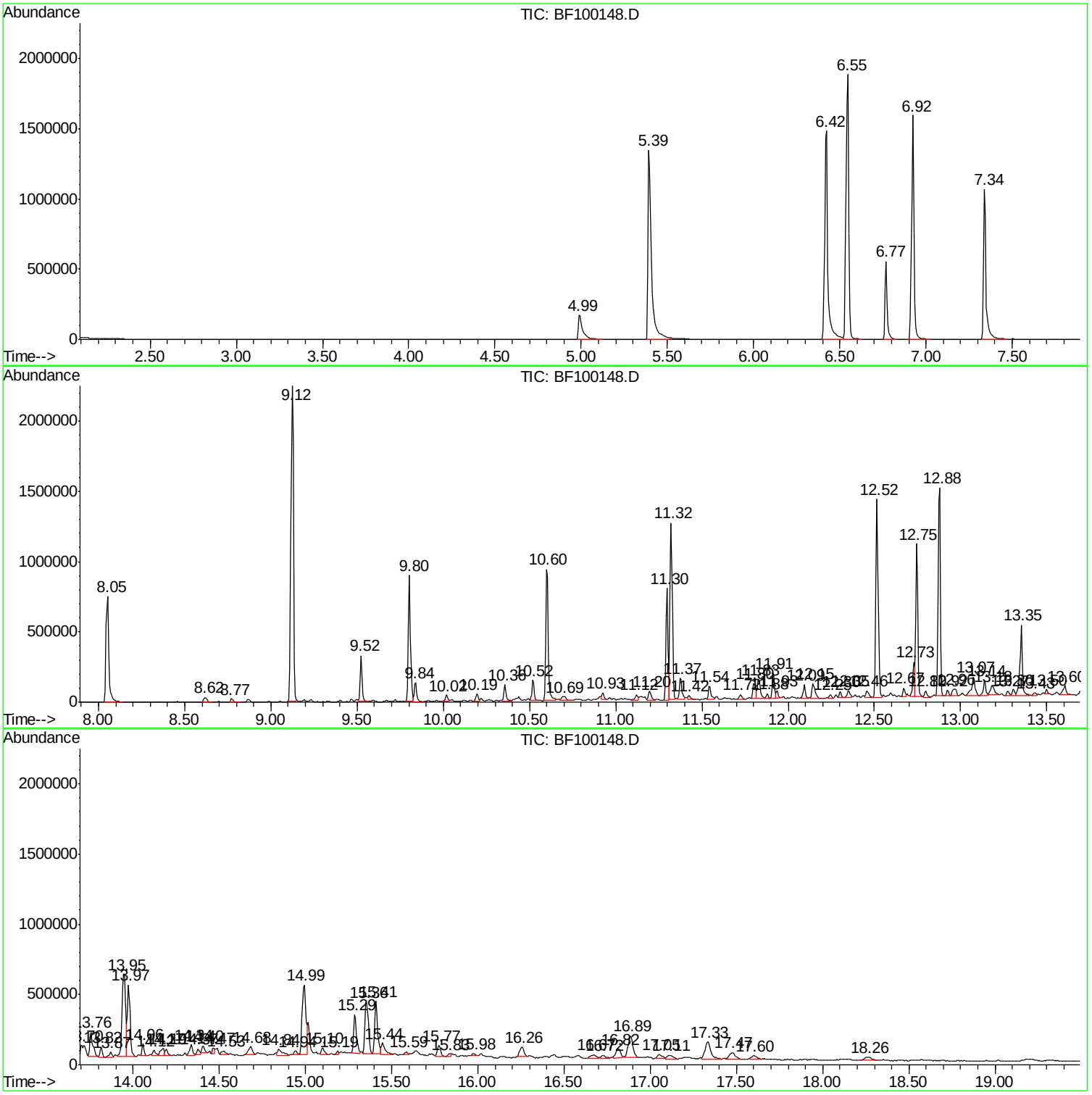
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100148.D
Acq On : 3 Nov 2017 21:26
Operator : SJ/JU
Sample : I6093-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-B8-B9-COMP-1-4

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\BF110317\
Data File : BF100148.D
Acq On : 3 Nov 2017 21:26
Operator : SJ/JU
Sample : I6093-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-1-4

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

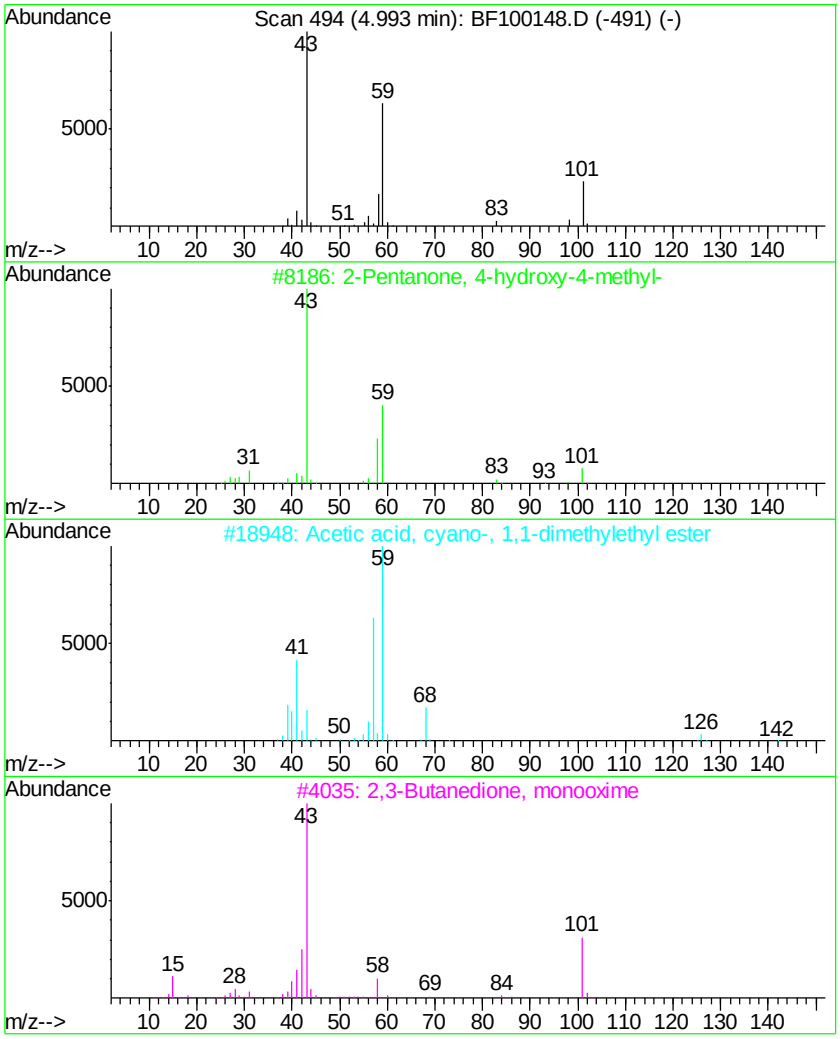
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

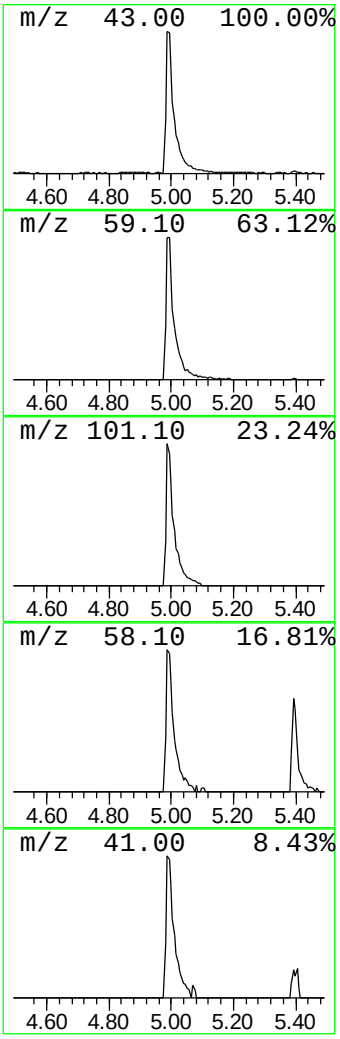
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	12.42 ng	314007	1,4-Dichlorobenzene-d4	6.77

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetone	58	C3H6O	000067-64-1	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100148.D
Acq On : 3 Nov 2017 21:26
Operator : SJ/JU
Sample : I6093-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-1-4

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

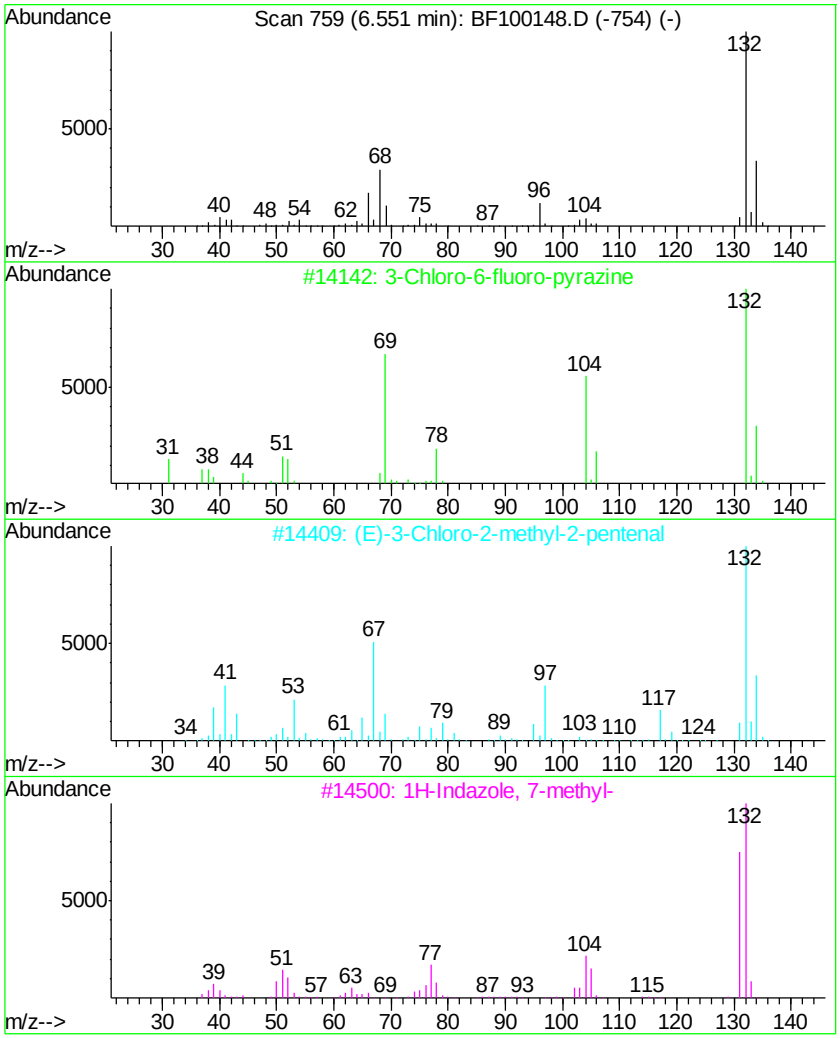
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

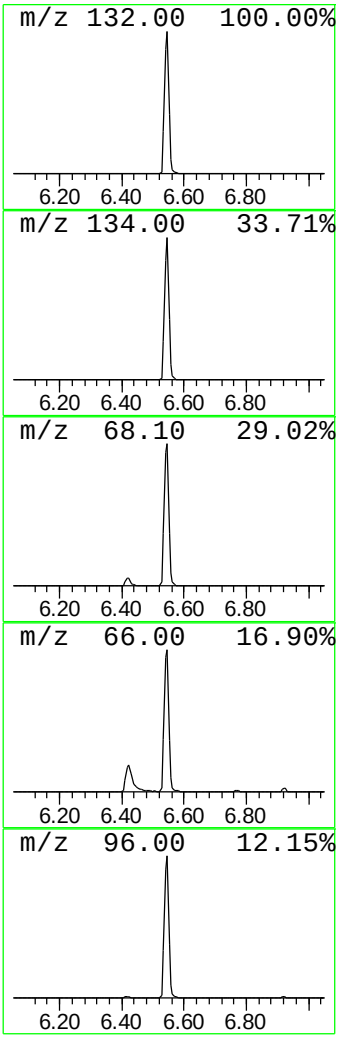
****

Peak Number 2 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	73.97 ng	1870480	1,4-Dichlorobenzene-d4	6.77

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	17
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
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Sample : I6093-07
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Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-1-4

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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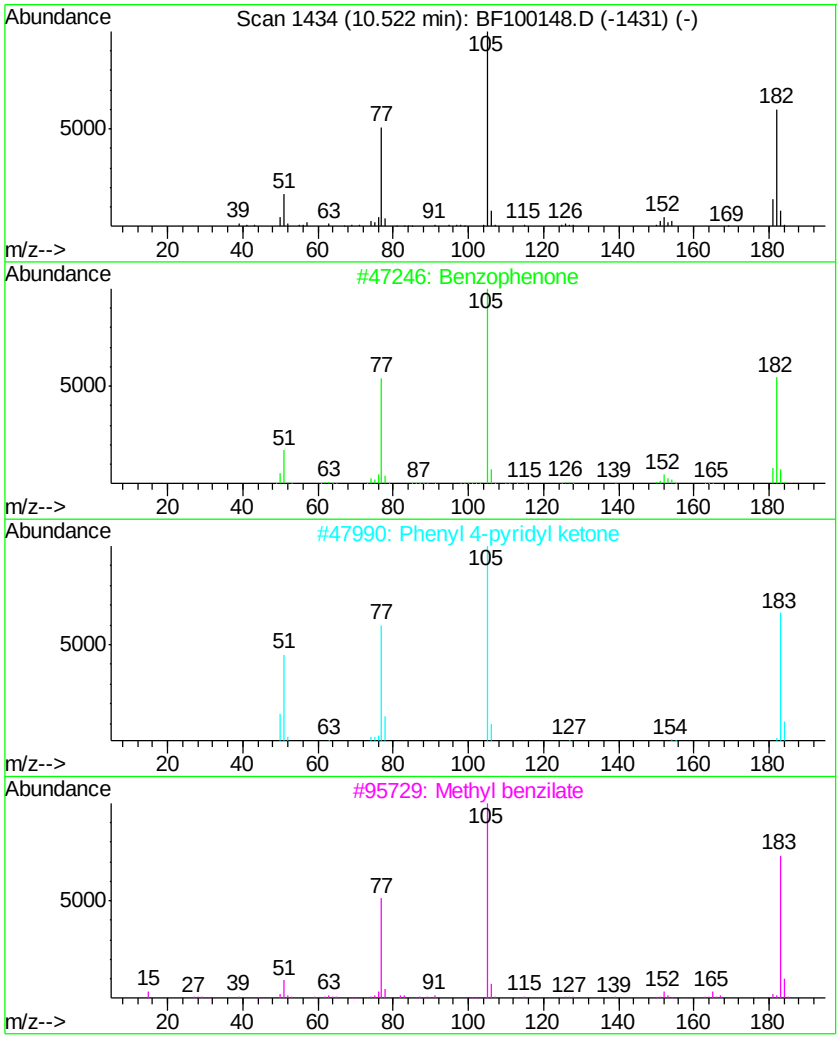
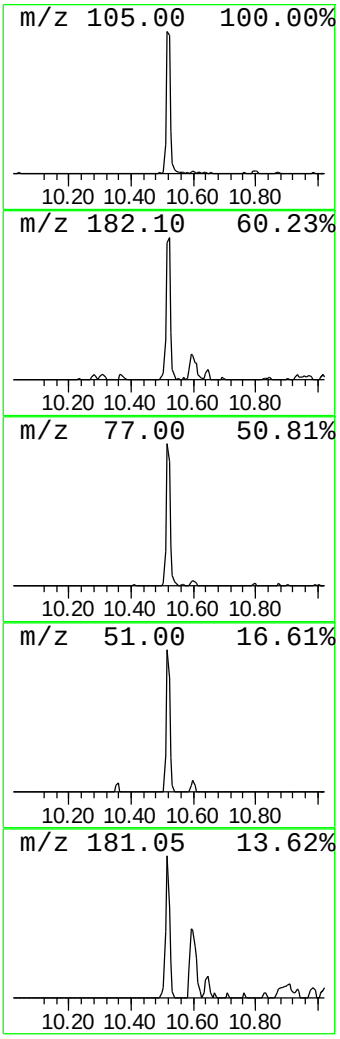
Peak Number 4 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	3.40 ng	127501	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
3	Methyl benzilate	242	C15H14O3	000076-89-1	43
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	38
5	Ethanone, 2-hydroxy-1-phenyl-	136	C8H8O2	000582-24-1	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100148.D
Acq On : 3 Nov 2017 21:26
Operator : SJ/JU
Sample : I6093-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-1-4

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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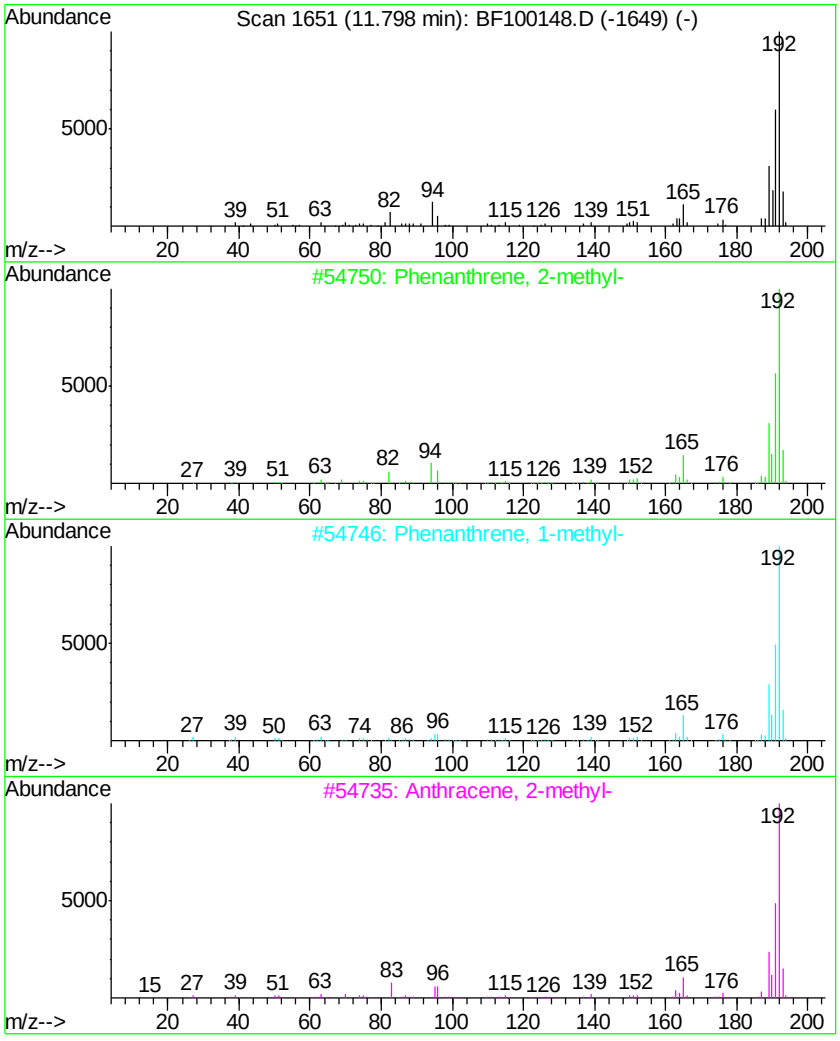
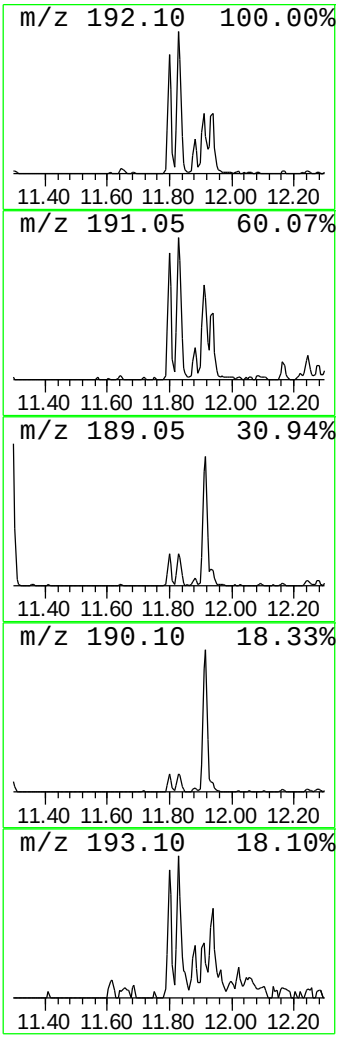
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	3.65 ng	133658	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100148.D
Acq On : 3 Nov 2017 21:26
Operator : SJ/JU
Sample : I6093-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-1-4

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

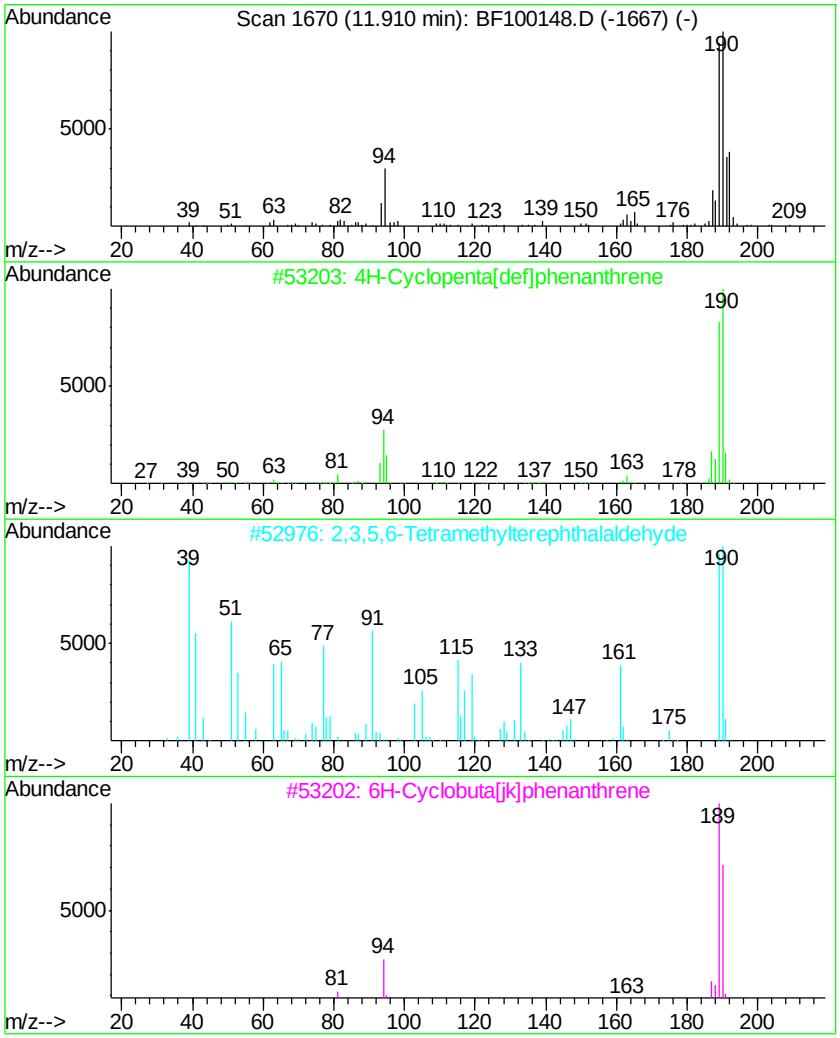
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

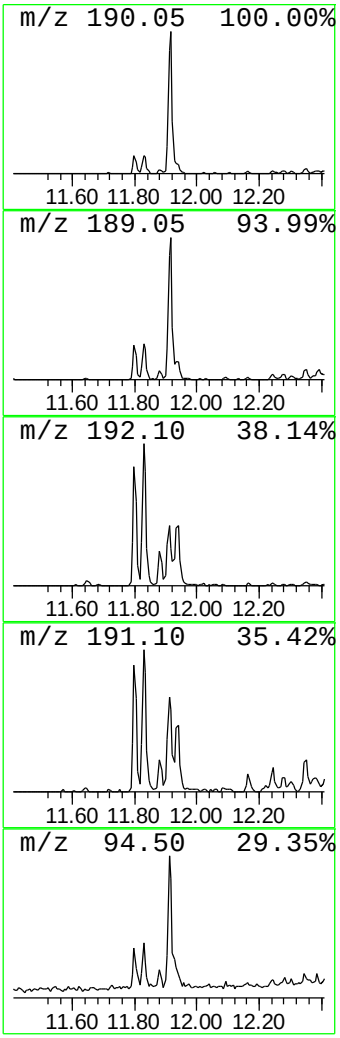
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	4.81 ng	176364	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1-Aminocyclopentanecarboxylic ac...	297	C11H17Cl2NO4	1000329-17-6	25





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Acq On : 3 Nov 2017 21:26
Operator : SJ/JU
Sample : I6093-07
Misc :
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Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-1-4

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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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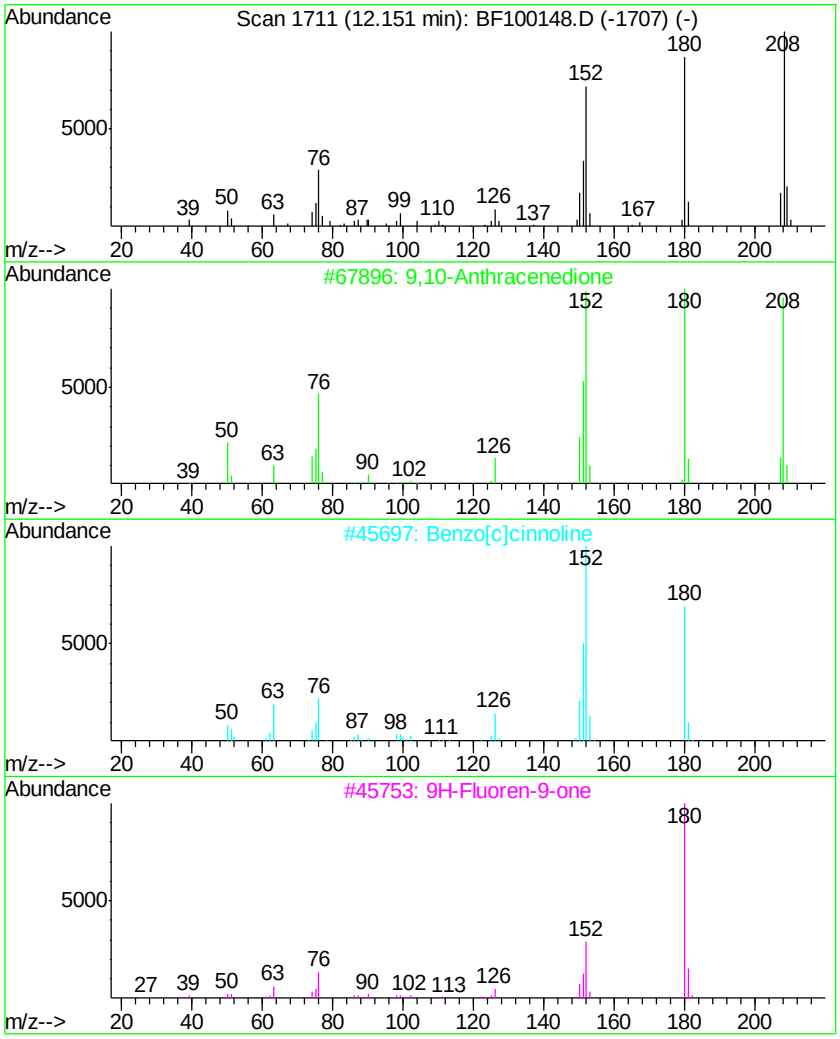
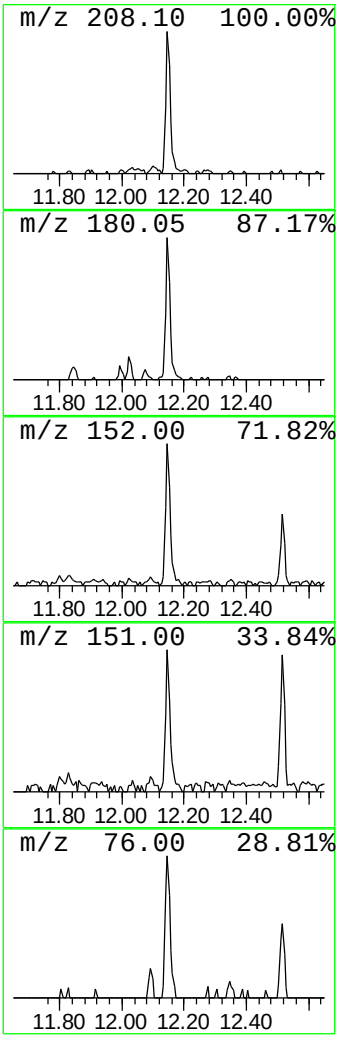
Peak Number 8 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.05 ng	111652	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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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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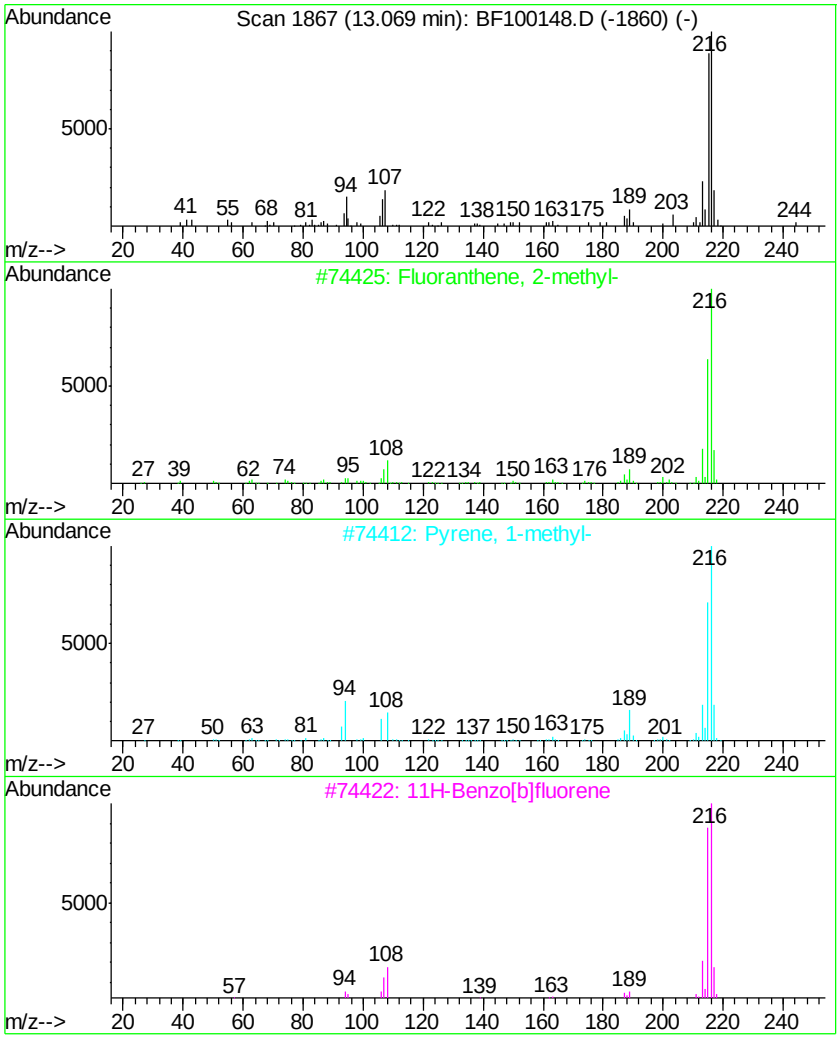
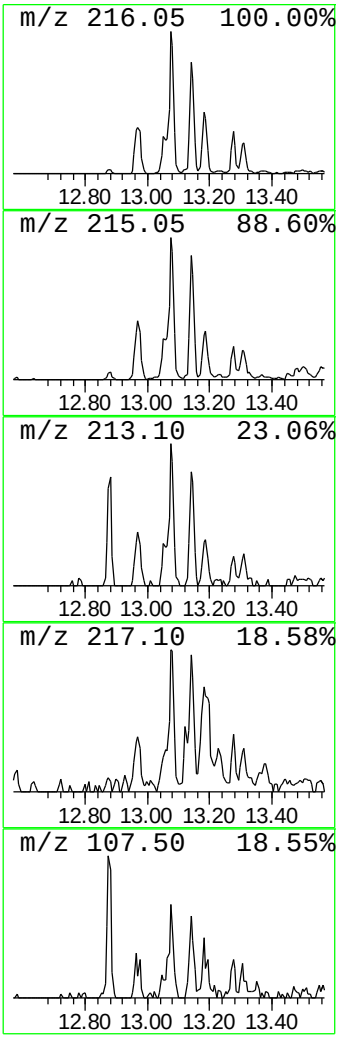
Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	4.18 ng	194299	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	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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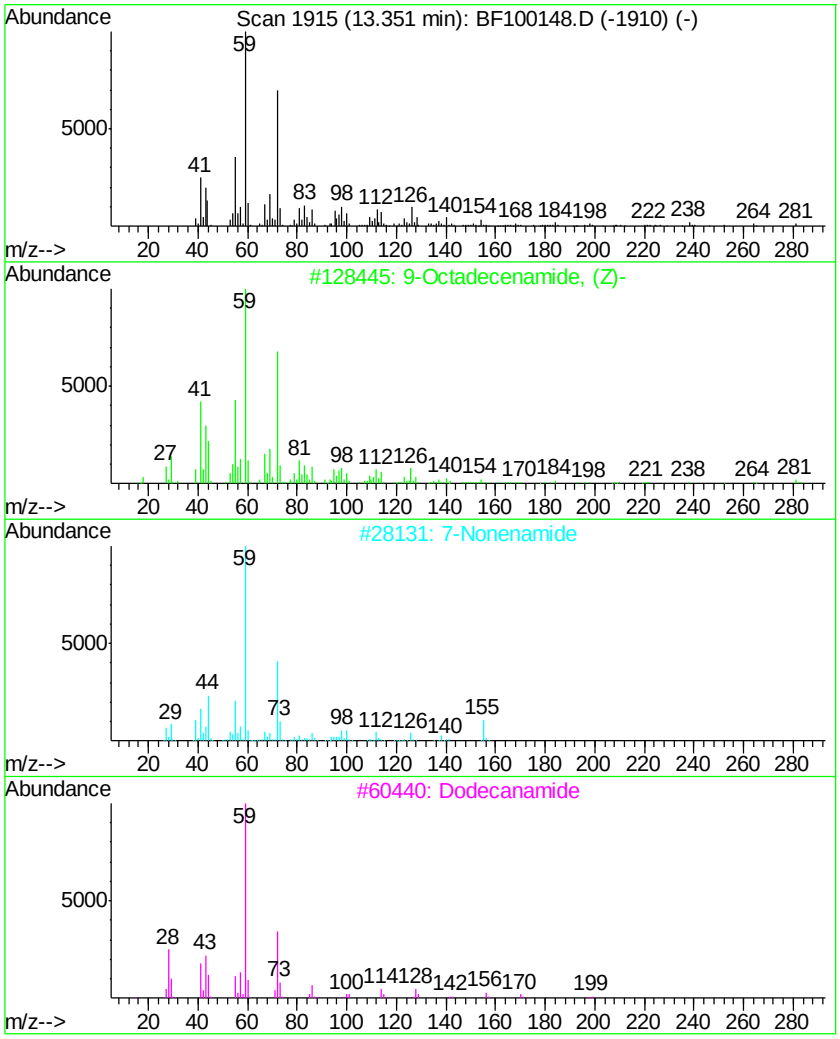
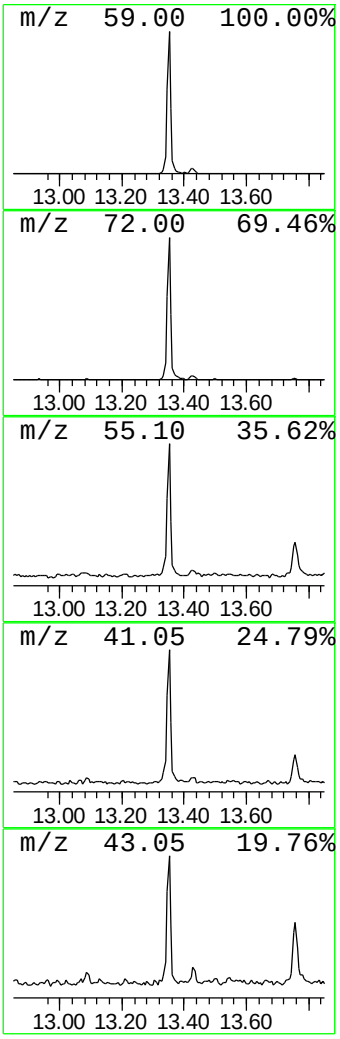
Peak Number 10 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	9.80 ng	455851	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	7-Nonenamide	155	C9H17NO	090949-53-4	72
3	Dodecanamide	199	C12H25NO	001120-16-7	53
4	Nonanamide	157	C9H19NO	001120-07-6	53
5	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	53





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ClientSampleId : TEC-B8-B9-COMP-1-4

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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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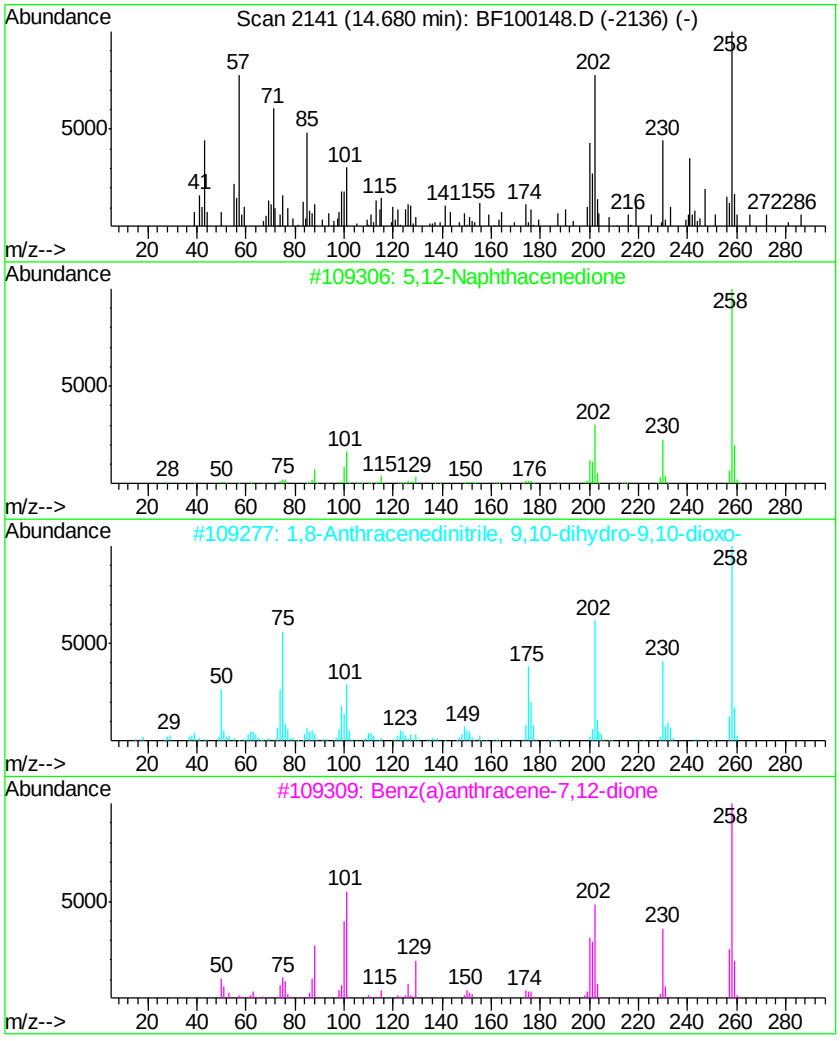
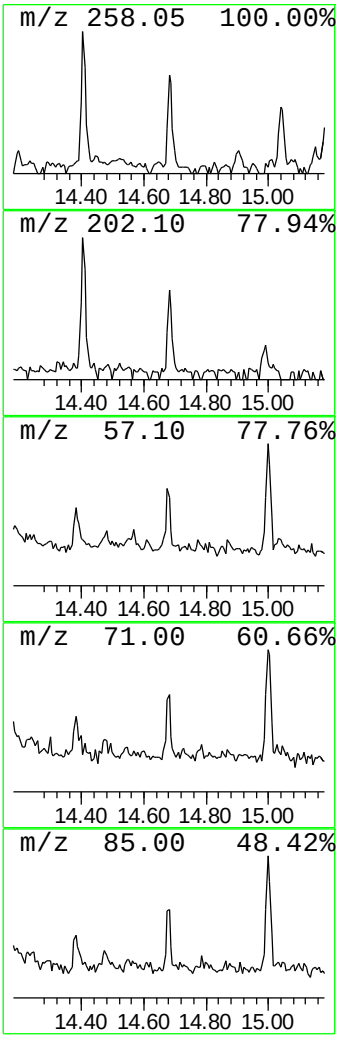
Peak Number 12 5,12-Naphthacenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	4.15 ng	94019	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	86
2	1,8-Anthracenedinitrile, 9,10-di...	258	C16H6N2O2	090866-50-5	70
3	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	64
4	Benzoic acid, 3-(6-methyl-4-oxo-...	230	C13H10O4	295364-59-9	30
5	2-Thiazoleacetonitrile, 4-tricyc...	258	C15H18N2S	1000338-15-0	20





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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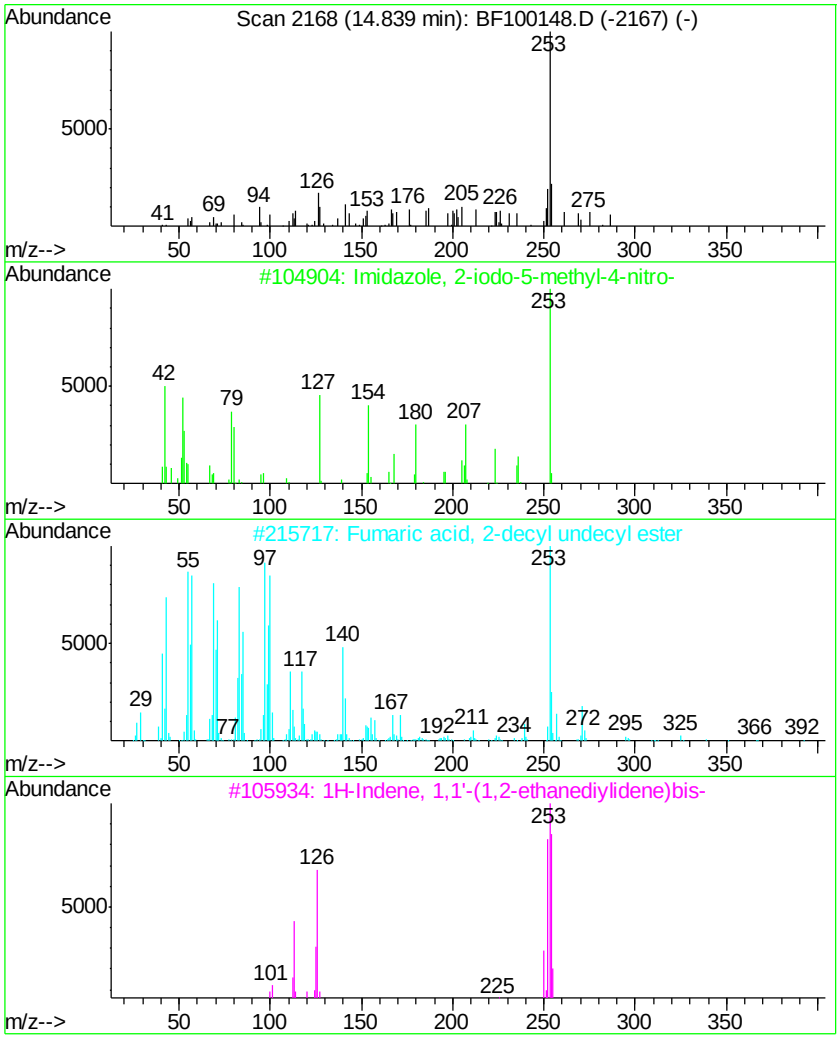
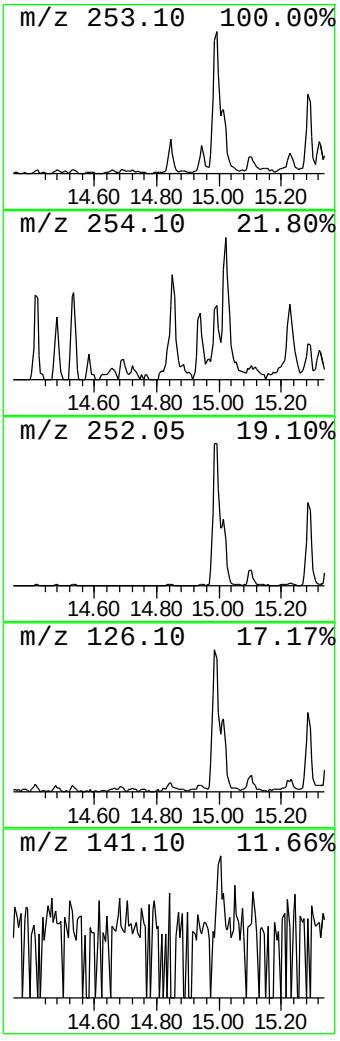
Peak Number 13 unknown14.84 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	3.59 ng	81344	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	38
2	Fumaric acid, 2-decyl undecyl ester	410	C25H46O4	1000348-59-2	38
3	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	38
4	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	36
5	4,6'-Biazulenyl	254	C20H14	094154-49-1	35





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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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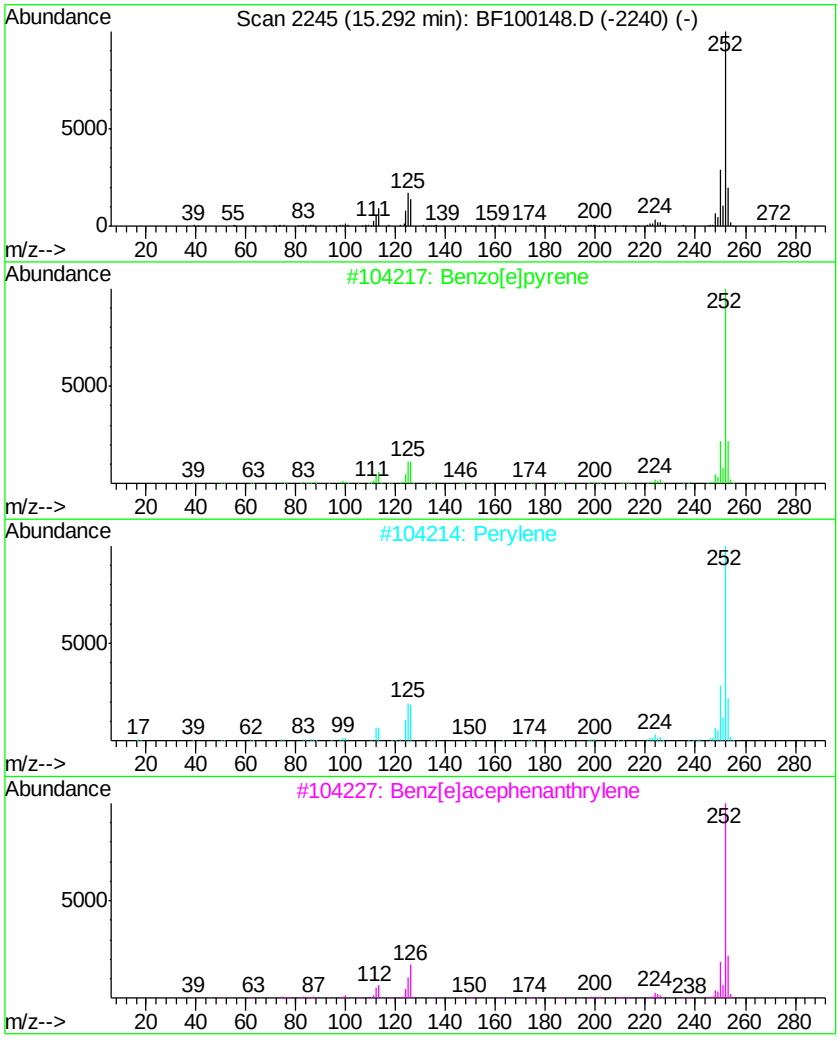
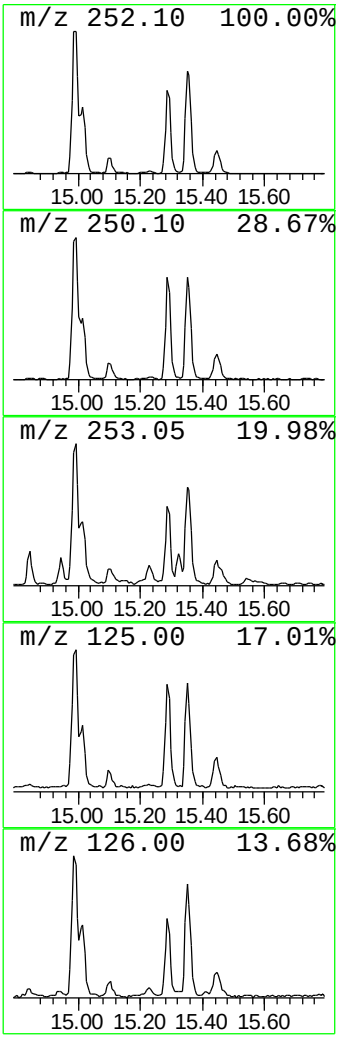
Peak Number 14 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	14.43 ng	326526	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	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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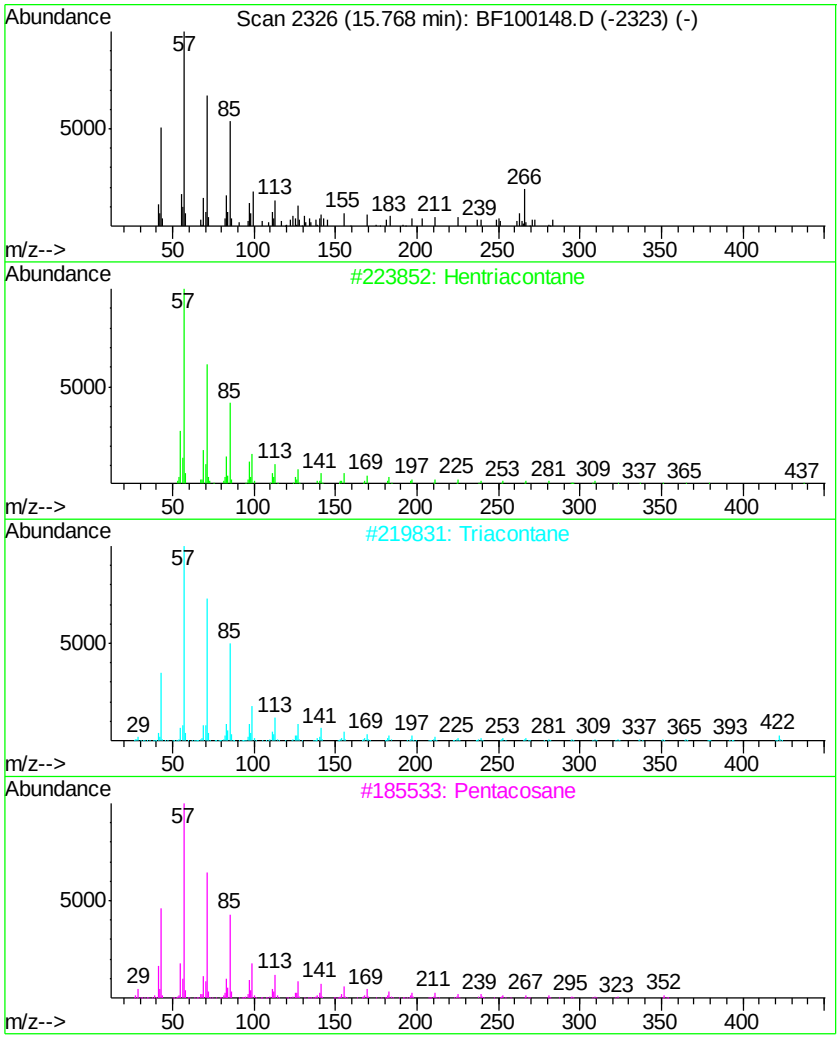
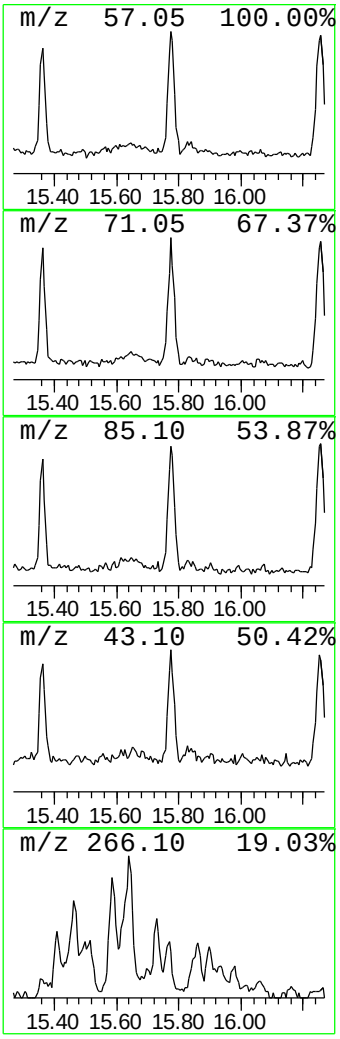
Peak Number 15 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	5.19 ng	117366	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Triacontane	422	C30H62	000638-68-6	90
3	Pentacosane	352	C25H52	000629-99-2	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87





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

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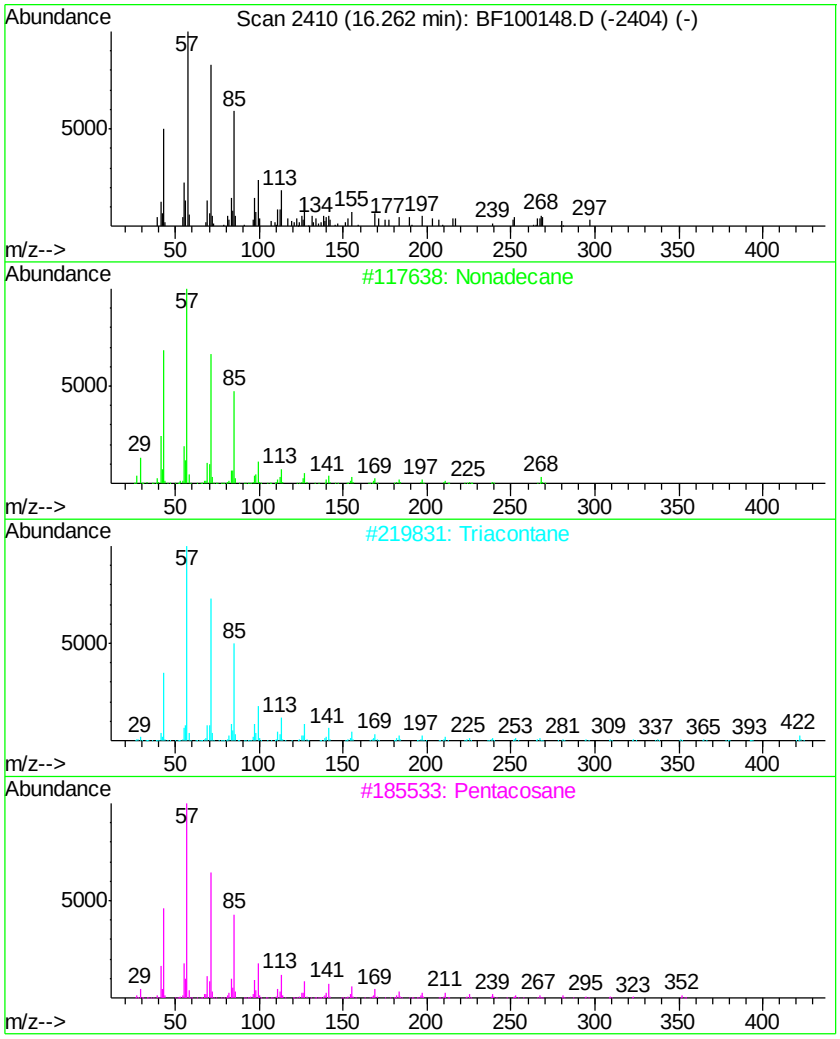
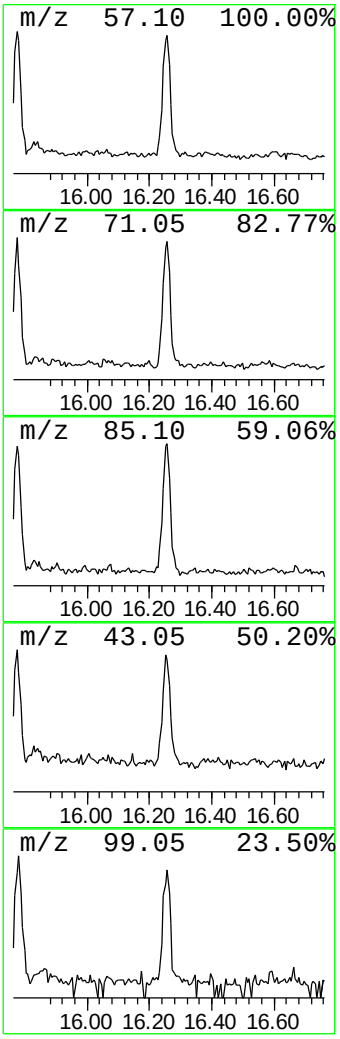
Peak Number 16 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	5.22 ng	118151	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Triacontane	422	C30H62	000638-68-6	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Octacosane	394	C28H58	000630-02-4	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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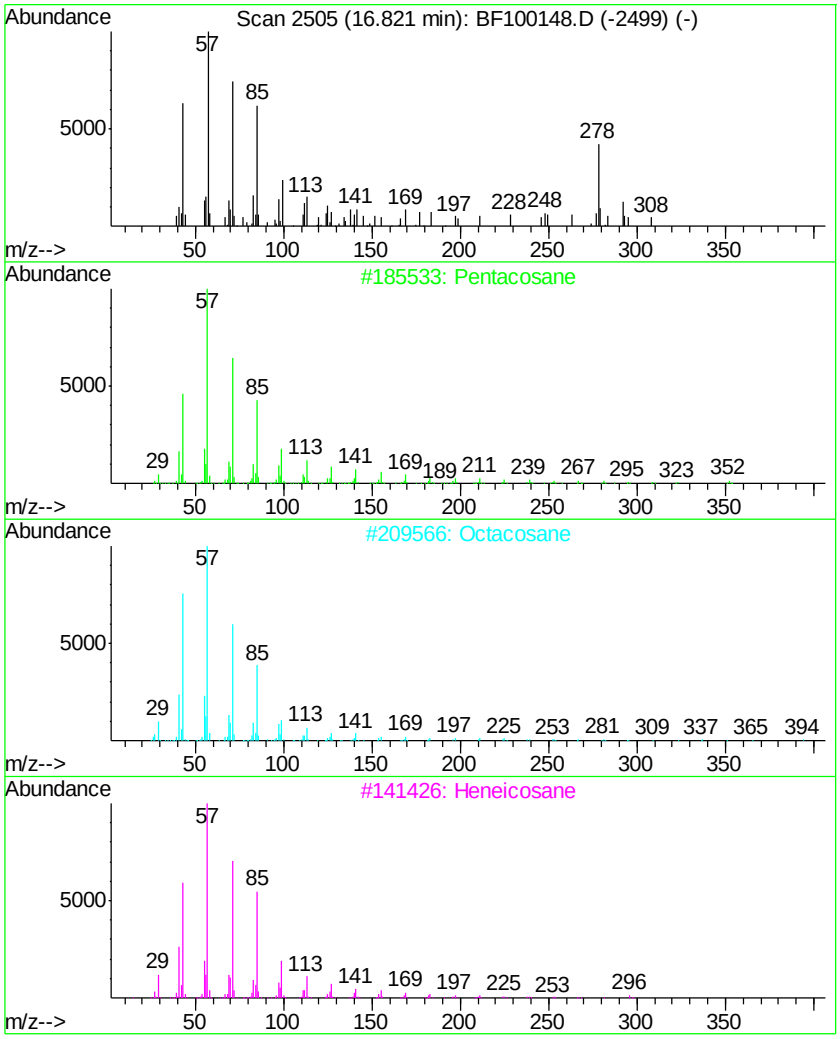
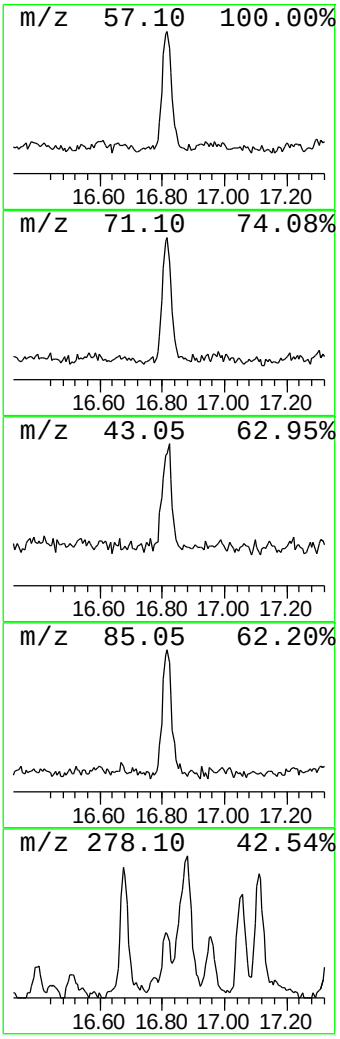
Peak Number 17 Pentacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	5.16 ng	116754	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	60
2	Octacosane	394	C28H58	000630-02-4	60
3	Heneicosane	296	C21H44	000629-94-7	60
4	Tetracosane	338	C24H50	000646-31-1	53
5	Triacontane	422	C30H62	000638-68-6	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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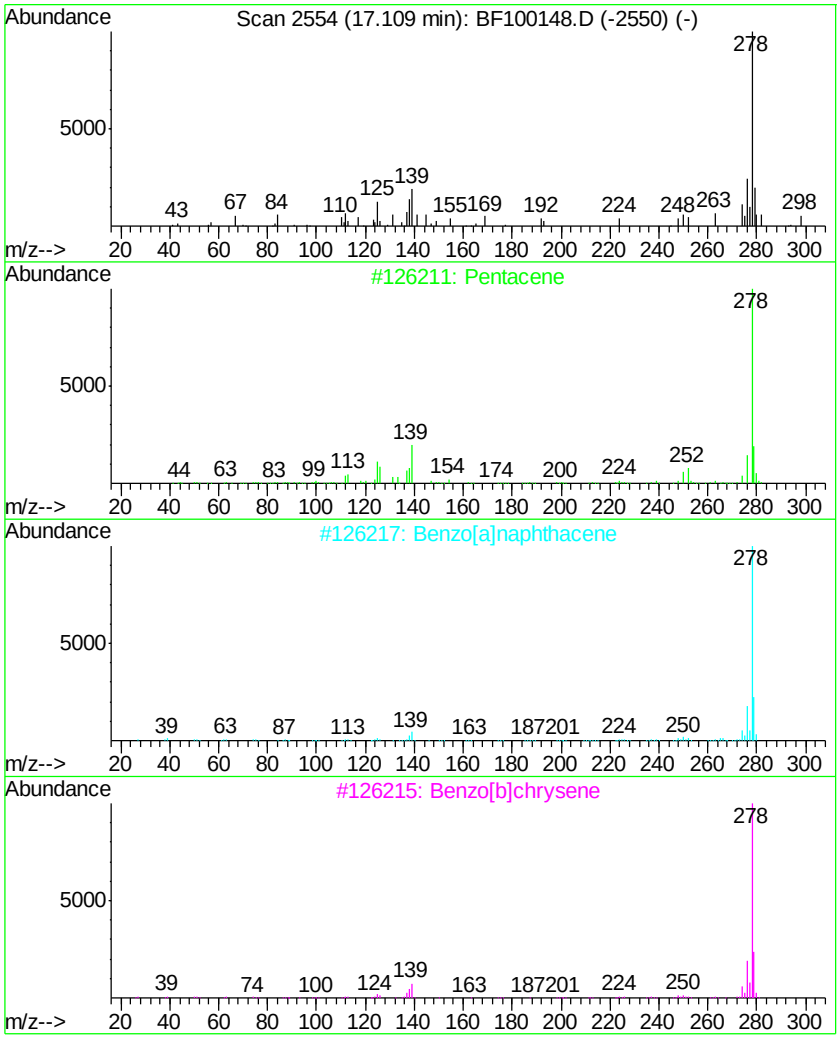
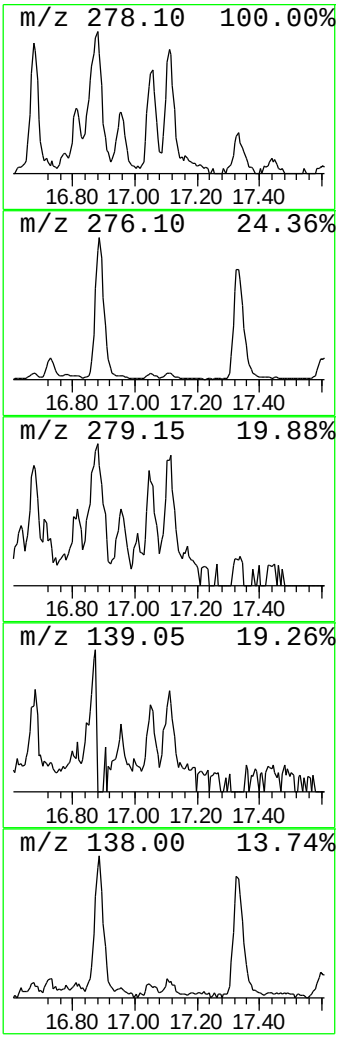
Peak Number 18 Pentacene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	2.65 ng	59884	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	86
2	Benzo[a]naphthacene	278	C22H14	000226-88-0	81
3	Benzo[b]chrysene	278	C22H14	000214-17-5	76
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	76
5	Pentaphene	278	C22H14	000222-93-5	76





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ClientSampleId : TEC-B8-B9-COMP-1-4

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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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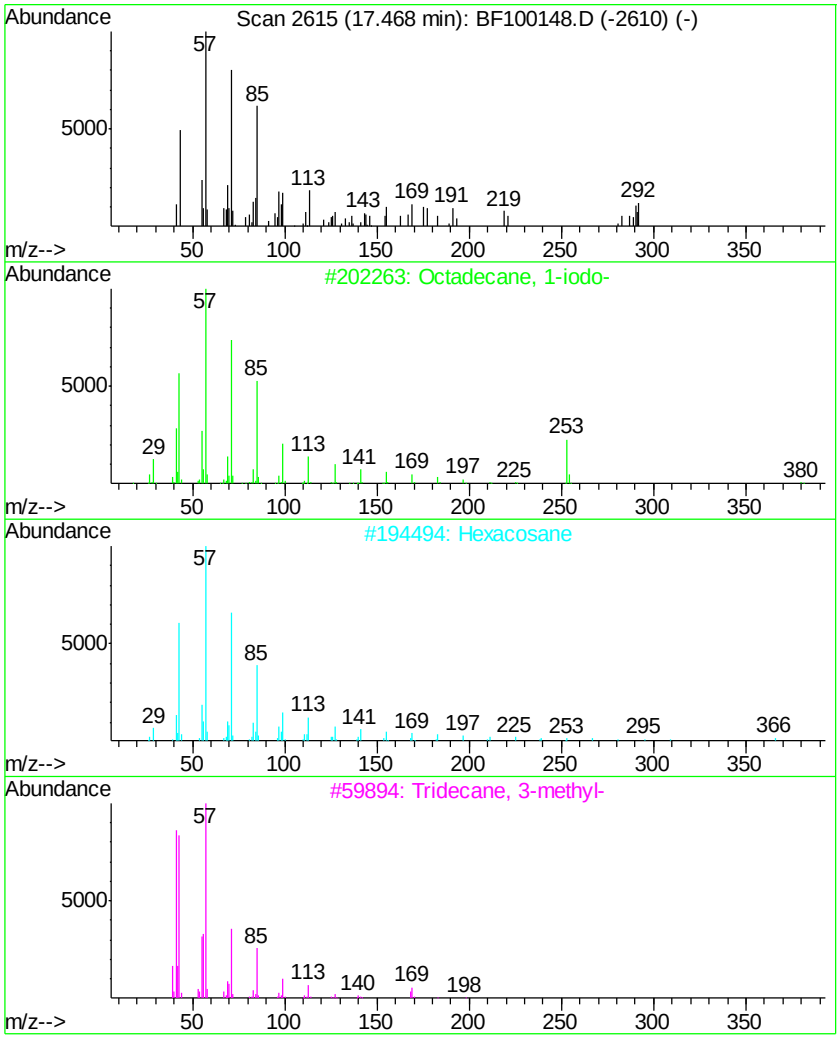
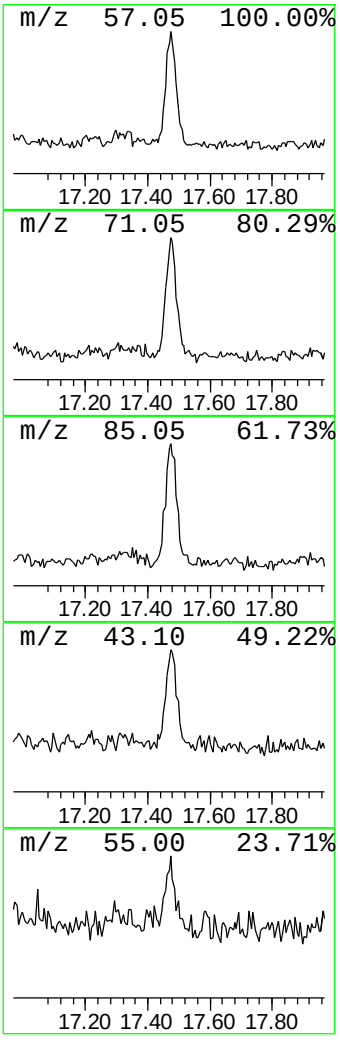
Peak Number 19 Octadecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	5.82 ng	131809	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
2	Hexacosane	366	C26H54	000630-01-3	72
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
4	Hentriacontane	437	C31H64	000630-04-6	64
5	Heptacosane	380	C27H56	000593-49-7	64





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Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-1-4

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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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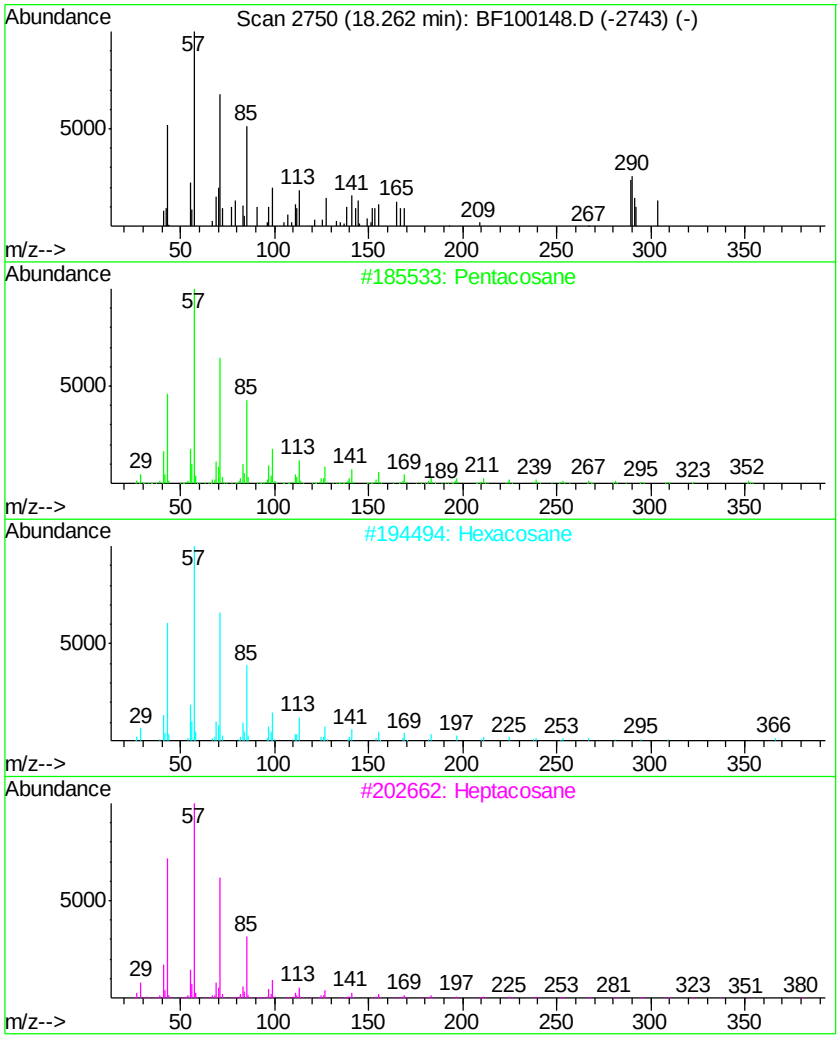
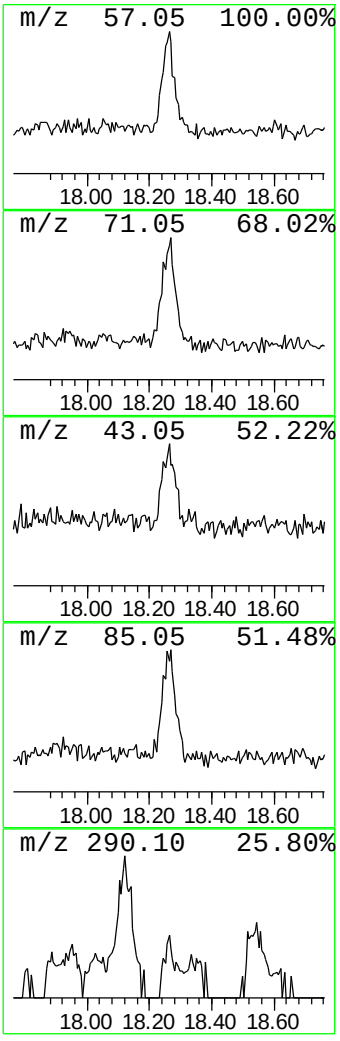
Peak Number 20 unknown18.26 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.63 ng	59476	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	43
2	Hexacosane	366	C26H54	000630-01-3	43
3	Heptacosane	380	C27H56	000593-49-7	43
4	Eicosane	282	C20H42	000112-95-8	35
5	Sulfurous acid, isohexyl pentyl ...	236	C11H24O3S	1000309-14-0	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
Data File : BF100148.D
Acq On : 3 Nov 2017 21:26
Operator : SJ/JU
Sample : I6093-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-B8-B9-COMP-1-4

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.99	12.4	ng	314007	1	6.77	505743	20.0
unknown6.55	6.55	74.0	ng	1870480	1	6.77	505743	20.0
Benzophenone	10.52	3.4	ng	127501	3	9.80	750800	20.0
Phenanthrene, 2-m...	11.80	3.6	ng	133658	4	11.30	732885	20.0
4H-Cyclopenta[def...	11.91	4.8	ng	176364	4	11.30	732885	20.0
9,10-Anthracenedione	12.15	3.0	ng	111652	4	11.30	732885	20.0
Fluoranthene, 2-m...	13.07	4.2	ng	194299	5	13.95	930313	20.0
9-Octadecenamide,...	13.35	9.8	ng	455851	5	13.95	930313	20.0
5,12-Naphthacened...	14.68	4.2	ng	94019	6	15.41	452692	20.0
unknown14.84	14.84	3.6	ng	81344	6	15.41	452692	20.0
Benzo[e]pyrene	15.29	14.4	ng	326526	6	15.41	452692	20.0
Hentriacontane	15.77	5.2	ng	117366	6	15.41	452692	20.0
Nonadecane	16.26	5.2	ng	118151	6	15.41	452692	20.0
Pentacosane	16.82	5.2	ng	116754	6	15.41	452692	20.0
Pentacene	17.11	2.6	ng	59884	6	15.41	452692	20.0
Octadecane, 1-iodo-	17.47	5.8	ng	131809	6	15.41	452692	20.0
unknown18.26	18.26	2.6	ng	59476	6	15.41	452692	20.0