LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100512.D
Acq On : 13 Nov 2017 20:01
Operator : SJ/JU
Sample : I6301-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-H

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF100513.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.098	509	512	519	rVB	64693	61706	10.93%	0.752%
2	5.498	576	580	584	rBV	453069	380358	67.37%	4.633%
3	6.504	748	751	755	rBV	450570	393970	69.78%	4.798%
4	6.657	773	777	780	rVB	511022	405431	71.81%	4.938%
5	6.722	785	788	791	rBB	8157	6785	1.20%	0.083%
6	6.892	813	817	820	rVB	576064	448371	79.42%	5.461%
7	7.045	839	843	846	rBV	390896	309962	54.90%	3.775%
8	7.422	899	907	908	rBV3	5732	7809	1.38%	0.095%
9	7.445	908	911	915	rVV	273381	229272	40.61%	2.792%
10	7.481	915	917	921	rVB	22667	17887	3.17%	0.218%
11	7.522	921	924	929	rBV4	4673	8546	1.51%	0.104%
12	7.916	988	991	995	rBV2	6703	8459	1.50%	0.103%
13	8.151	1028	1031	1032	rBV	25332	24930	4.42%	0.304%
14	8.175	1032	1035	1038	rVV	709217	563951	99.89%	6.869%
15	8.228	1041	1044	1047	rVB2	18533	15524	2.75%	0.189%
16	8.463	1081	1084	1086	rBV2	9353	8237	1.46%	0.100%
17	8.510	1088	1092	1096	rBV4	6529	8727	1.55%	0.106%
18	8.586	1102	1105	1108	rBV	20063	14861	2.63%	0.181%
19	8.722	1123	1128	1132	rBV	34407	35328	6.26%	0.430%
20	8.757	1132	1134	1137	rVB	30384	22276	3.95%	0.271%
21	8.886	1153	1156	1158	rVB	10867	8224	1.46%	0.100%
22	8.986	1169	1173	1177	rVB3	7151	9504	1.68%	0.116%
23	9.186	1205	1207	1213	rVB2	16917	11542	2.04%	0.141%
24	9.245	1213	1217	1220	rBV	550019	412390	73.05%	5.023%
25	9.322	1226	1230	1233	rBV	28732	27196	4.82%	0.331%
26	9.639	1280	1284	1287	rVB	80730	73035	12.94%	0.890%
27	9.786	1306	1309	1313	rBV	16869	17485	3.10%	0.213%
28	9.851	1313	1320	1324	rVB3	19527	25618	4.54%	0.312%
29	9.927	1329	1333	1337	rVV	621606	540856	95.80%	6.587%
30	9.957	1337	1338	1342	rVB	25598	19472	3.45%	0.237%
31	10.127	1365	1367	1371	rVB2	13200	14106	2.50%	0.172%
32	10.169	1371	1374	1378	rBV3	7448	7317	1.30%	0.089%
33	10.351	1403	1405	1407	rVB	19321	13359	2.37%	0.163%
34	10.474	1423	1426	1430	rVB	29636	24673	4.37%	0.301%

LSC Area Percent Report

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Acq On : 13 Nov 2017 20:01
Operator : SJ/JU
Sample : I6301-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-H

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.563	1439	1441	1444	rBV2	16223	14887	2.64%	0.181%
36	10.639	1450	1454	1456	rBV	93282	83070	14.71%	1.012%
37	10.710	1463	1466	1470	rVV	223736	198090	35.09%	2.413%
38	10.757	1471	1474	1478	rVB	34333	28148	4.99%	0.343%
39	10.839	1486	1488	1491	rVB2	19035	14036	2.49%	0.171%
40	11.021	1515	1519	1522	rBV4	7639	8862	1.57%	0.108%
41	11.151	1536	1541	1542	rBV4	6280	7491	1.33%	0.091%
42	11.169	1542	1544	1549	rVV4	7559	10615	1.88%	0.129%
43	11.216	1549	1552	1555	rVV2	7242	8125	1.44%	0.099%
44	11.269	1558	1561	1564	rVV3	15464	15664	2.77%	0.191%
45	11.304	1564	1567	1571	rVB2	12986	18376	3.25%	0.224%
46	11.416	1582	1586	1588	rBV	557338	446525	79.09%	5.438%
47	11.439	1588	1590	1593	rVV	227748	161934	28.68%	1.972%
48	11.492	1596	1599	1601	rVB	56082	47466	8.41%	0.578%
49	11.521	1601	1604	1607	rBV3	7136	7793	1.38%	0.095%
50	11.639	1618	1624	1628	rBV2	14044	20186	3.58%	0.246%
51	11.698	1631	1634	1638	rVB2	10476	11264	2.00%	0.137%
52	11.916	1666	1671	1674	rBV	29055	33238	5.89%	0.405%
53	11.945	1674	1676	1680	rVB	38002	31605	5.60%	0.385%
54	11.992	1680	1684	1687	rBV	21467	21672	3.84%	0.264%
55	12.027	1687	1690	1693	rVV	47084	54620	9.67%	0.665%
56	12.051	1693	1694	1697	rVV	17474	9363	1.66%	0.114%
57	12.104	1700	1703	1708	rVB3	10045	10687	1.89%	0.130%
58	12.210	1718	1721	1723	rBV	20976	16681	2.95%	0.203%
59	12.233	1723	1725	1731	rVB6	11586	13557	2.40%	0.165%
60	12.316	1736	1739	1742	rBV	24748	19701	3.49%	0.240%
61	12.392	1749	1752	1754	rBV2	8720	8986	1.59%	0.109%
62	12.463	1761	1764	1766	rBV	24093	21725	3.85%	0.265%
63	12.504	1766	1771	1776	rVV6	27957	47405	8.40%	0.577%
64	12.551	1776	1779	1784	rVB3	13316	14005	2.48%	0.171%
65	12.627	1788	1792	1795	rBV	352015	283885	50.28%	3.458%
66	12.668	1797	1799	1801	rVV2	20961	15970	2.83%	0.195%
67	12.727	1806	1809	1811	rVV4	8975	12668	2.24%	0.154%
68	12.780	1815	1818	1820	rVV	18826	17255	3.06%	0.210%
69	12.804	1820	1822	1825	rVV4	8298	9188	1.63%	0.112%
70	12.857	1825	1831	1837	rVV	305769	325133	57.59%	3.960%
71	12.910	1837	1840	1844	rVB3	16056	23270	4.12%	0.283%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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72	12.992	1851	1854	1862	rVB	326118	348921	61.80%	4.250%
73	13.068	1864	1867	1872	rBV4	22706	39874	7.06%	0.486%
74	13.127	1875	1877	1880	rBV4	10812	12539	2.22%	0.153%
75	13.180	1880	1886	1889	rBV	44669	65968	11.68%	0.803%
76	13.221	1890	1893	1895	rVV3	17414	14810	2.62%	0.180%
77	13.251	1895	1898	1900	rVV2	33674	29878	5.29%	0.364%
78	13.286	1901	1904	1907	rVV2	30147	31562	5.59%	0.384%
79	13.345	1913	1914	1916	rBV2	11201	9238	1.64%	0.113%
80	13.380	1918	1920	1923	rVV	18131	15020	2.66%	0.183%
81	13.410	1923	1925	1928	rVV2	17975	19024	3.37%	0.232%
82	13.562	1948	1951	1954	rBV2	23065	26607	4.71%	0.324%
83	13.833	1994	1997	1999	rVB	22458	17134	3.03%	0.209%
84	13.857	1999	2001	2004	rBV2	21873	30459	5.40%	0.371%
85	13.892	2004	2007	2010	rVV3	31476	35987	6.37%	0.438%
86	14.051	2030	2034	2037	rBV2	485421	564558	100.00%	6.876%
87	14.080	2037	2039	2046	rVB	119270	105761	18.73%	1.288%
88	15.098	2209	2212	2215	rBV	81283	112117	19.86%	1.366%
89	15.468	2272	2275	2281	rVB	65132	88399	15.66%	1.077%
90	15.533	2282	2286	2297	rVB2	240647	372311	65.95%	4.535%

Sum of corrected areas: 8210480

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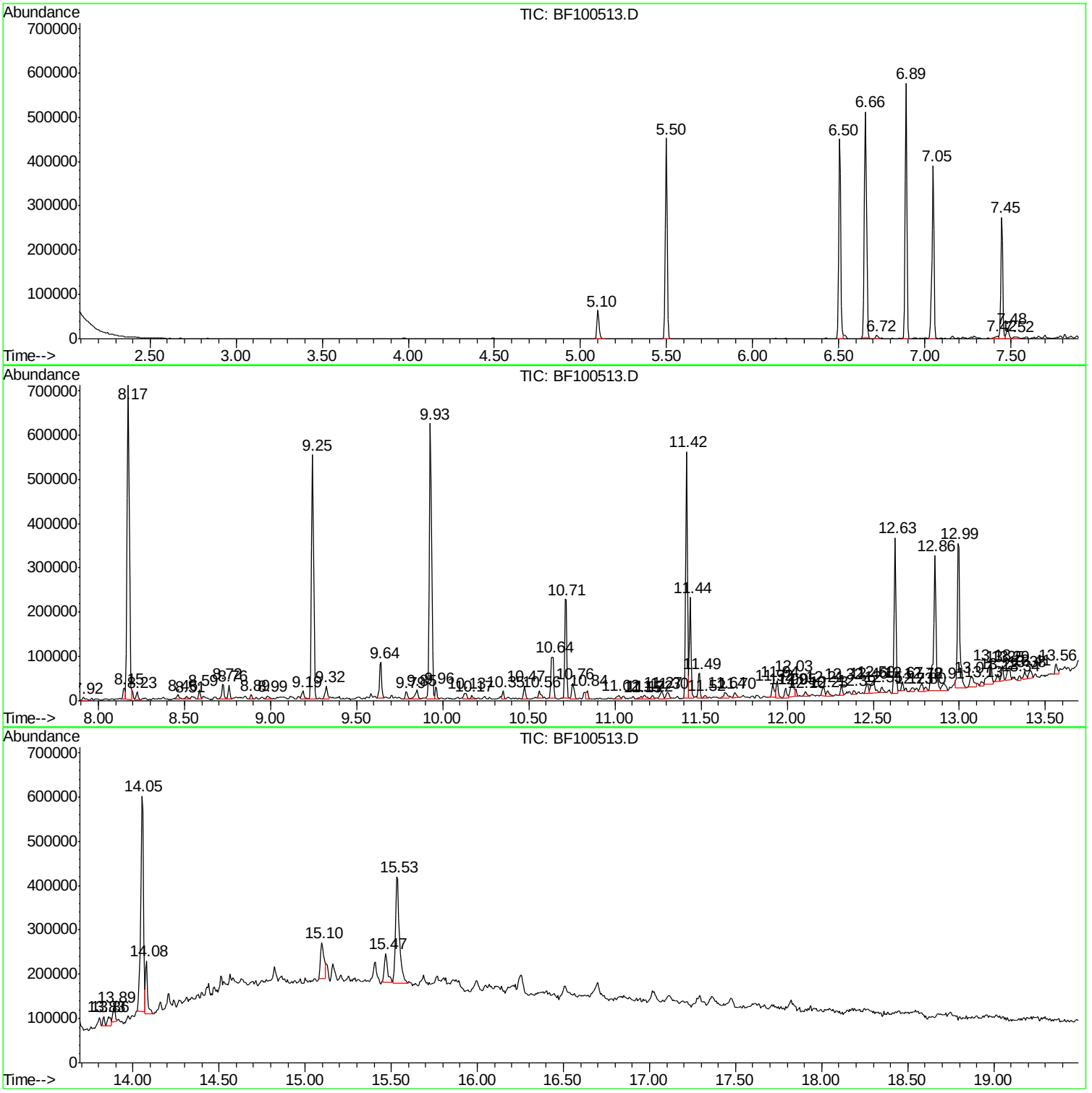
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-110917-H

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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\BF111317\
Data File : BF100512.D
Acq On : 13 Nov 2017 20:01
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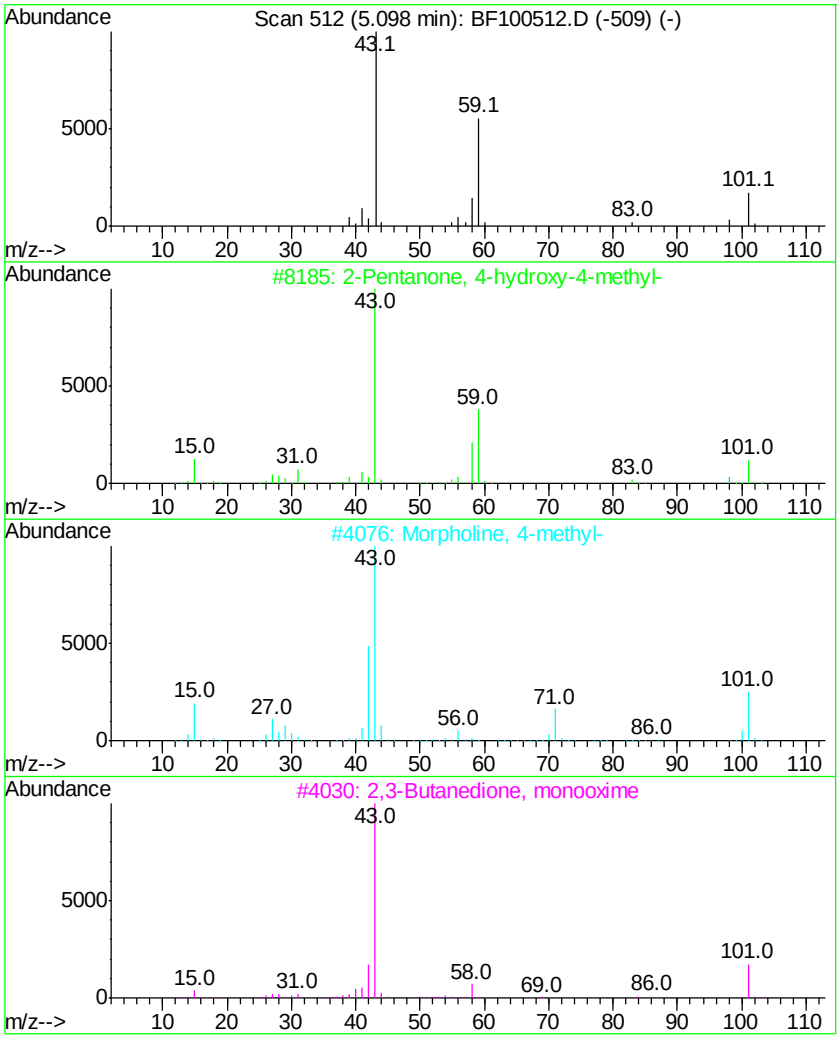
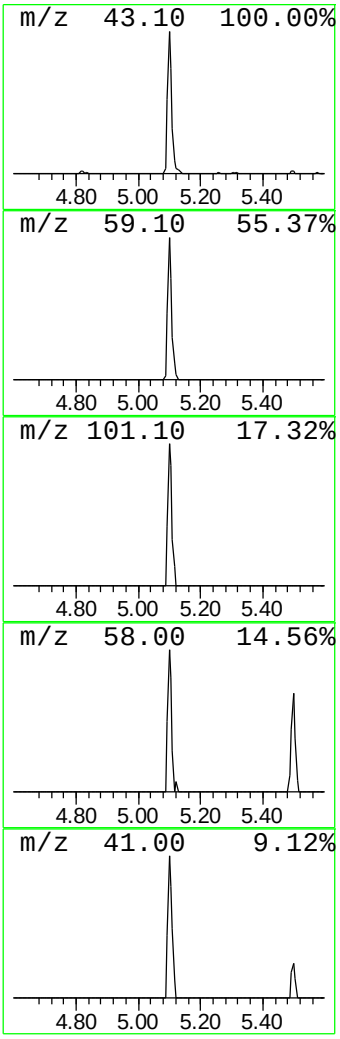
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	2.75 ng	61706	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Library Search Compound Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-H

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

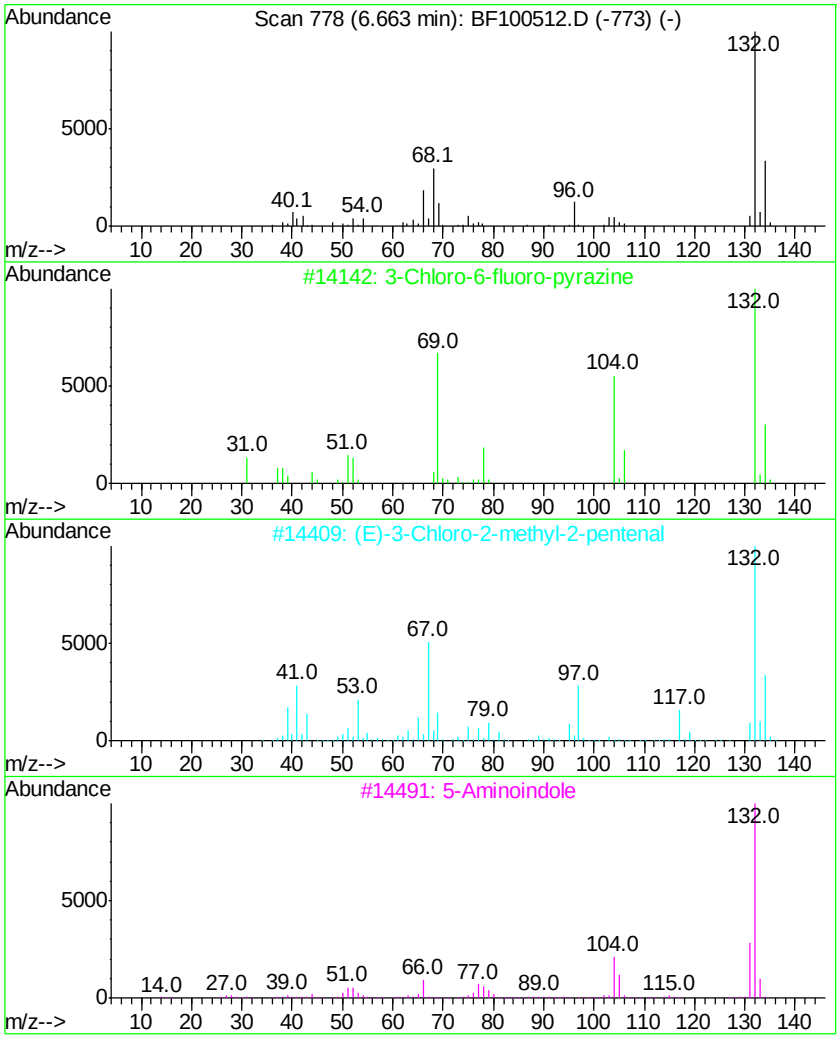
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

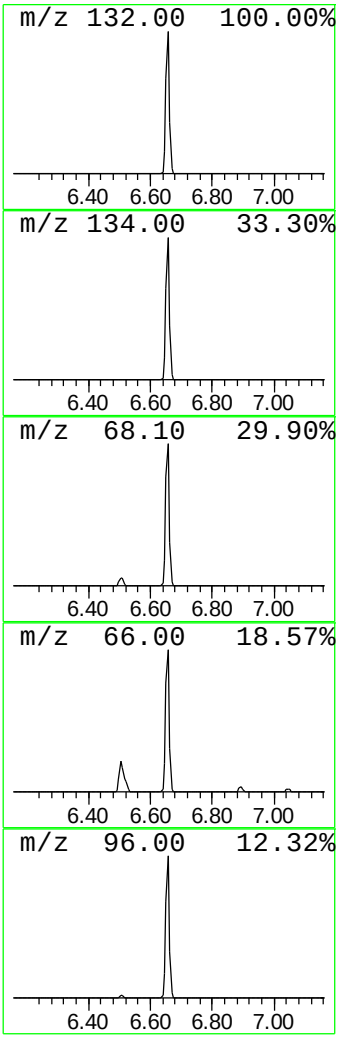
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	18.08 ng	405431	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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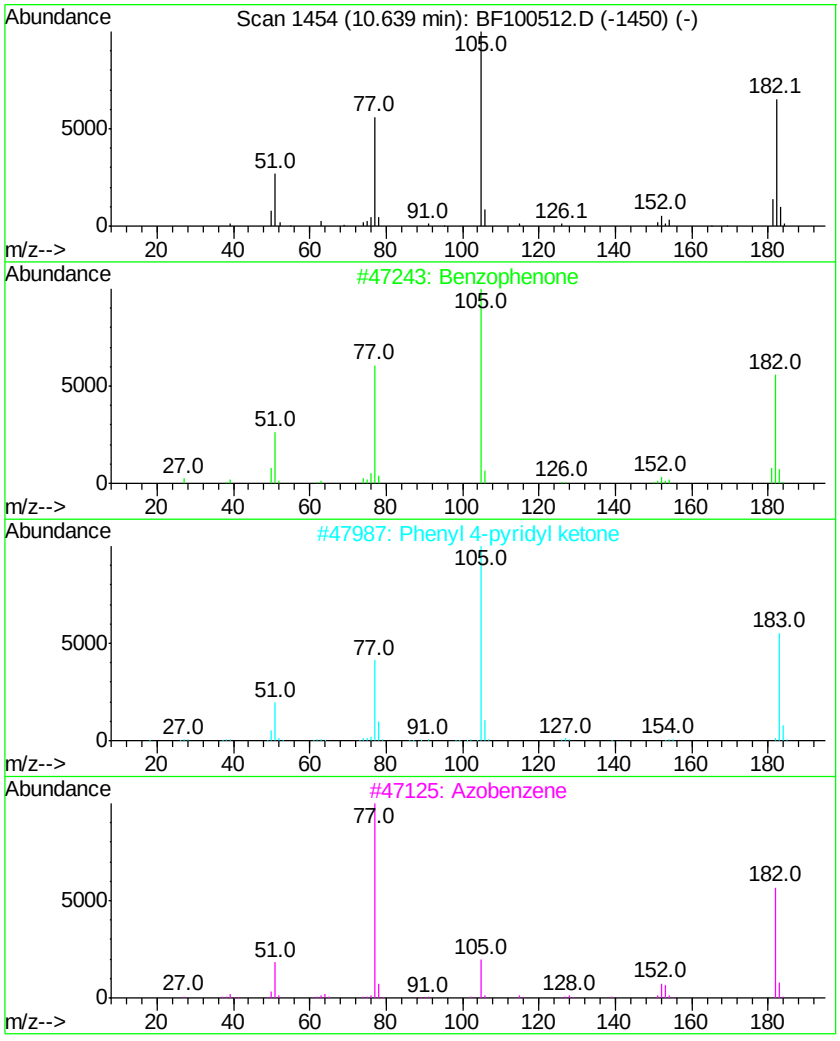
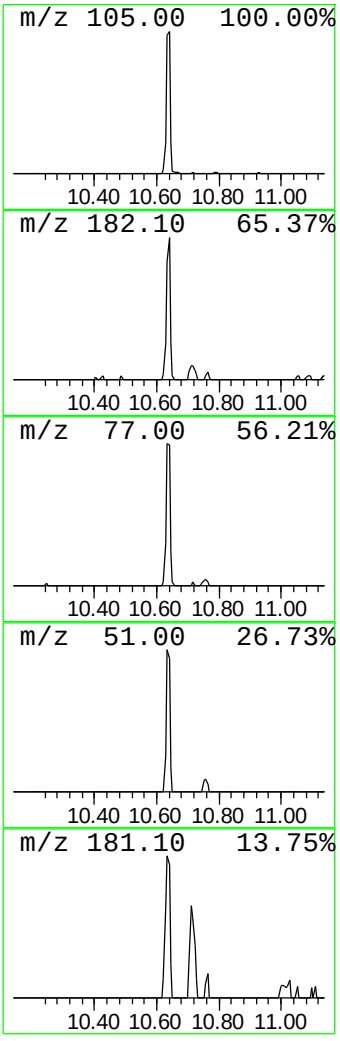
Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	3.07 ng	83070	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
3	Azobenzene	182	C12H10N2	000103-33-3	47
4	Methyl benzilate	242	C15H14O3	000076-89-1	47
5	Benzoylformic acid	150	C8H6O3	000611-73-4	43





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Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-110917-H

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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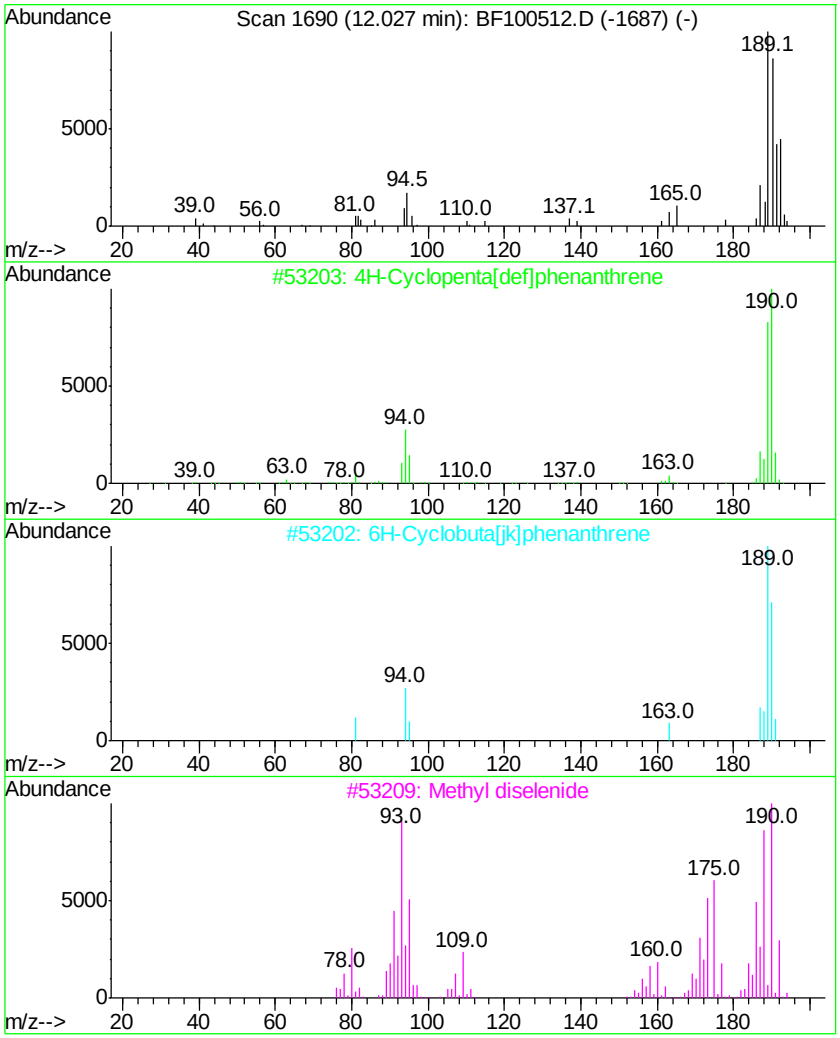
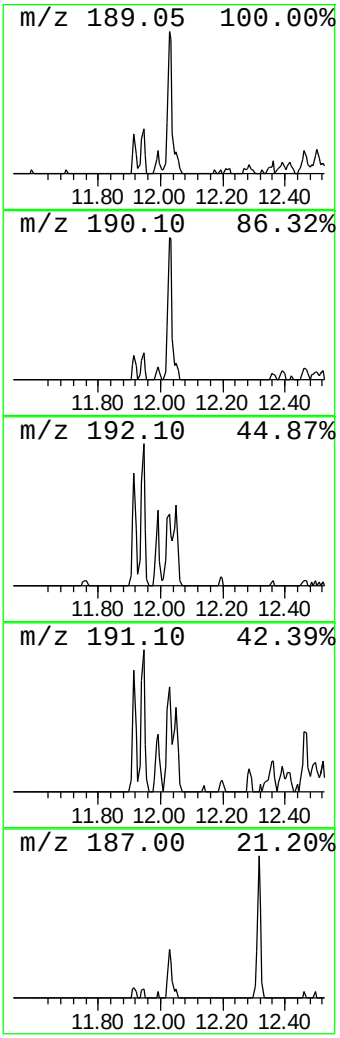
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.45 ng	54620	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
5	5-Thiazolecarboxamide, 4-amino-2...	189	C5H7N3OS2	1000338-08-9	27





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Data File : BF100512.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-H

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

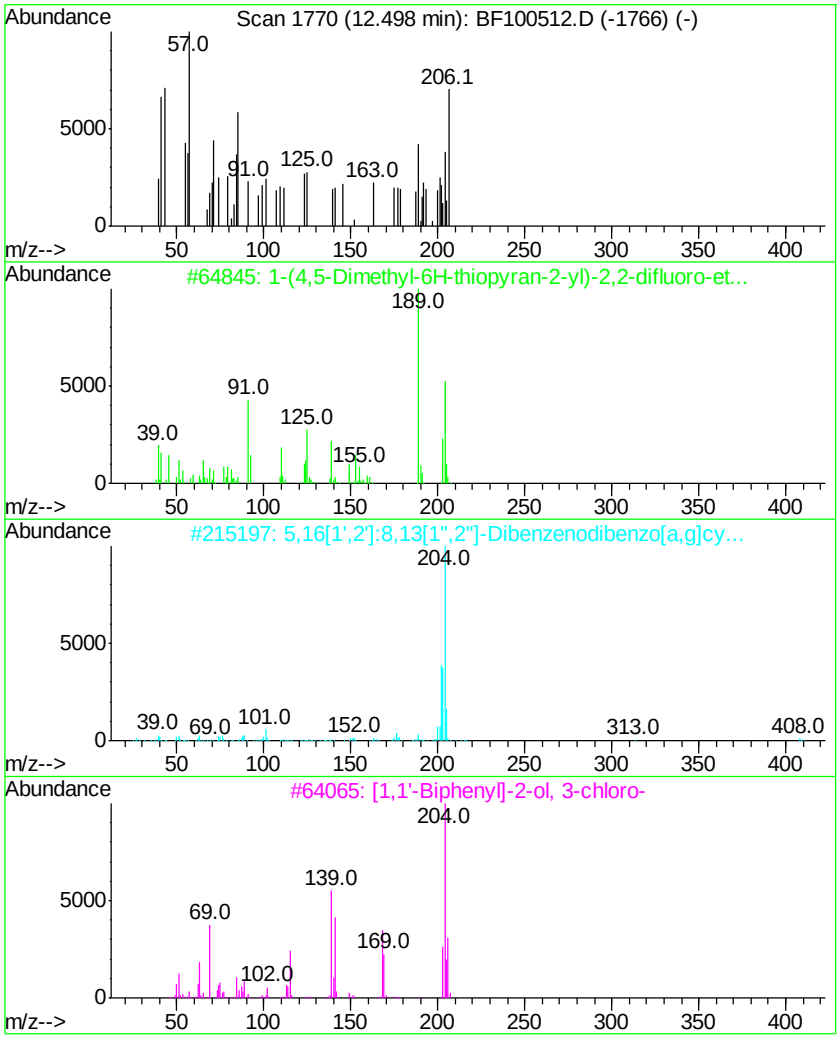
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

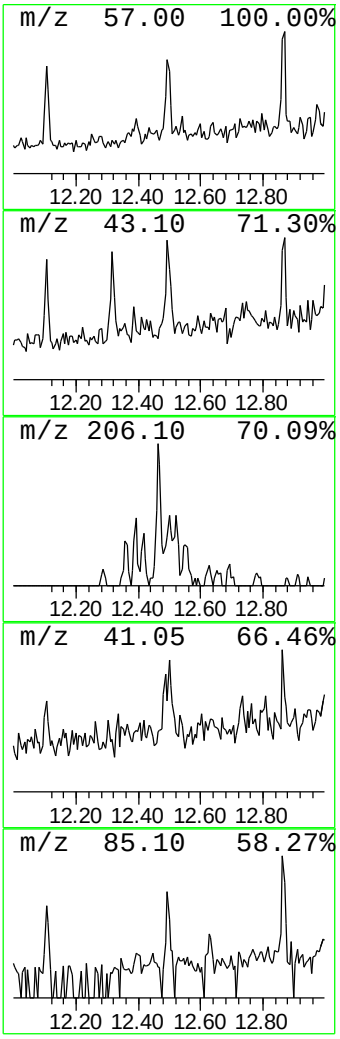
****

Peak Number 6 unknown12.50 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.12 ng	47405	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	25
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	22
3	[1,1'-Biphenyl]-2-ol, 3-chloro-	204	C12H9ClO	000085-97-2	22
4	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	14
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	14





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Data File : BF100512.D
Acq On : 13 Nov 2017 20:01
Operator : SJ/JU
Sample : I6301-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-H

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

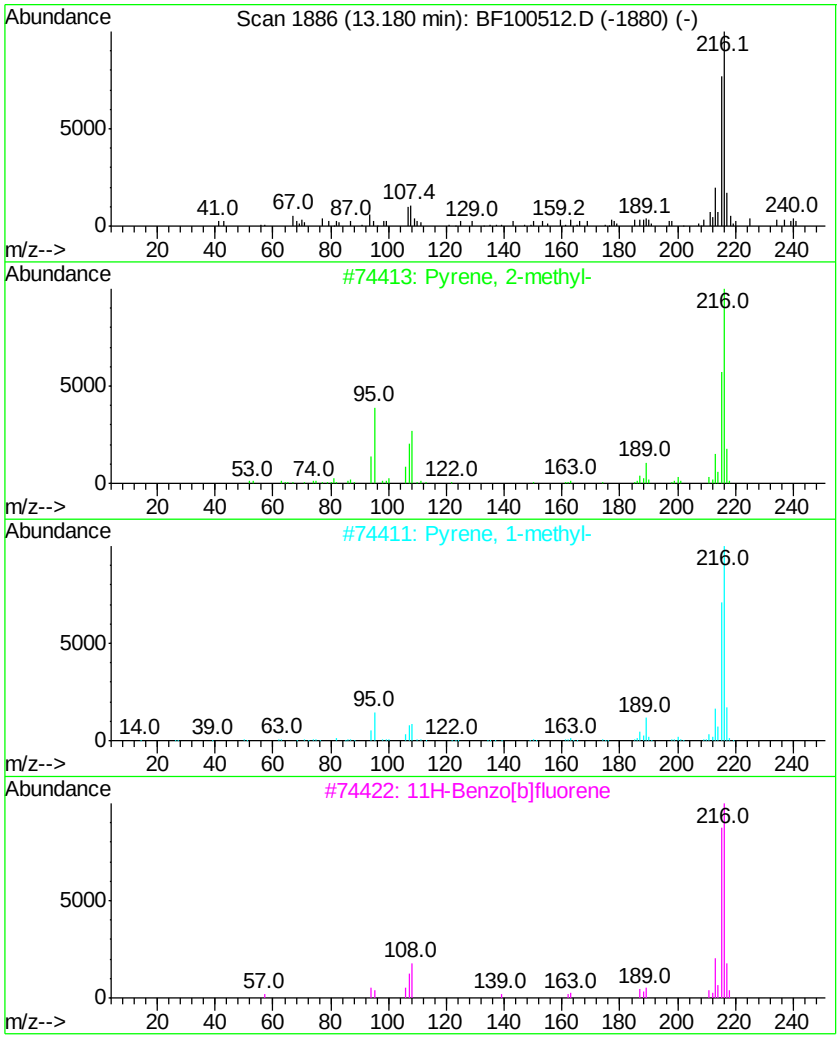
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

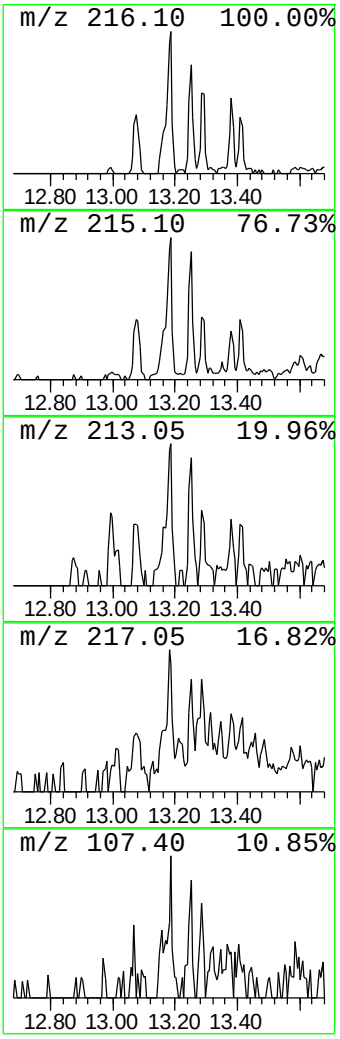
****

Peak Number 7 Pyrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.34 ng	65968	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF111317\
Data File : BF100512.D
Acq On : 13 Nov 2017 20:01
Operator : SJ/JU
Sample : I6301-15 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-110917-H

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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...	5.10	2.8	ng	61706	1	6.89	448371	20.0
unknown6.66	6.66	18.1	ng	405431	1	6.89	448371	20.0
Benzophenone	10.64	3.1	ng	83070	3	9.93	540856	20.0
4H-Cyclopenta[def...	12.03	2.5	ng	54620	4	11.42	446525	20.0
unknown12.50	12.50	2.1	ng	47405	4	11.42	446525	20.0
Pyrene, 2-methyl-	13.18	2.3	ng	65968	5	14.06	564558	20.0