LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099767.D
Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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	4.504	407	411	419	rVB	243856	285885	5.12%	0.899%
2	5.016	496	498	510	rBV	110324	142564	2.55%	0.448%
3	5.422	564	567	585	rVB	1026517	1055301	18.91%	3.319%
4	6.440	737	740	746	rBV	605058	694238	12.44%	2.183%
5	6.575	759	763	768	rBV	2192951	2019904	36.20%	6.352%
6	6.804	799	802	808	rBV	617327	549183	9.84%	1.727%
7	6.863	808	812	818	rBV2	148972	138185	2.48%	0.435%
8	6.957	824	828	836	rBV	2093616	2108758	37.79%	6.632%
9	7.293	881	885	889	rVB3	49449	65431	1.17%	0.206%
10	7.375	894	899	902	rBV	1604153	1548219	27.75%	4.869%
11	7.487	914	918	920	rBV	568077	557483	9.99%	1.753%
12	7.822	970	975	976	rBV	58983	61175	1.10%	0.192%
13	7.851	976	980	983	rVB	87256	130297	2.34%	0.410%
14	8.057	1010	1015	1016	rBV2	84788	89495	1.60%	0.281%
15	8.116	1016	1025	1028	rVV2	3928433	5579847	100.00%	17.548%
16	8.157	1028	1032	1038	rVB	598659	572386	10.26%	1.800%
17	8.451	1077	1082	1089	rBV2	66916	87854	1.57%	0.276%
18	8.798	1137	1141	1145	rBV	1045630	829456	14.87%	2.608%
19	8.898	1153	1158	1161	rBV	545707	472871	8.47%	1.487%
20	9.004	1172	1176	1184	rBV	94315	97413	1.75%	0.306%
21	9.163	1197	1203	1206	rBV	3228680	3098494	55.53%	9.744%
22	9.263	1217	1220	1223	rVB	200219	159794	2.86%	0.503%
23	9.316	1226	1229	1233	rBV2	77263	85341	1.53%	0.268%
24	9.351	1233	1235	1240	rVV2	52287	62440	1.12%	0.196%
25	9.428	1244	1248	1252	rVB	61839	82598	1.48%	0.260%
26	9.498	1256	1260	1263	rBV	102661	115152	2.06%	0.362%
27	9.528	1263	1265	1270	rVB	70180	67990	1.22%	0.214%
28	9.616	1277	1280	1288	rBV	51341	60461	1.08%	0.190%
29	9.698	1290	1294	1297	rBV	59776	58642	1.05%	0.184%
30	9.839	1315	1318	1321	rVB	983892	811093	14.54%	2.551%
31	9.875	1321	1324	1327	rVB	697015	571980	10.25%	1.799%
32	9.922	1329	1332	1337	rBV	66242	57313	1.03%	0.180%
33	9.963	1337	1339	1346	rVB4	47601	68928	1.24%	0.217%
34	10.045	1349	1353	1357	rBV	618312	590306	10.58%	1.856%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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	10.357	1401	1406	1408	rBV	182990	170481	3.06%	0.536%
36	10.386	1408	1411	1416	rVB	393030	366009	6.56%	1.151%
37	10.639	1450	1454	1457	rVB	1552238	1542582	27.65%	4.851%
38	10.757	1470	1474	1479	rBV	157291	136473	2.45%	0.429%
39	10.804	1479	1482	1484	rBV	288179	233539	4.19%	0.734%
40	10.839	1484	1488	1491	rVV2	310044	397621	7.13%	1.250%
41	10.875	1491	1494	1496	rVV2	281151	267182	4.79%	0.840%
42	10.898	1496	1498	1500	rVV	174657	140137	2.51%	0.441%
43	10.928	1500	1503	1504	rVV	140789	155547	2.79%	0.489%
44	10.951	1506	1507	1510	rVV	114532	98804	1.77%	0.311%
45	10.986	1510	1513	1516	rVV3	319513	363925	6.52%	1.144%
46	11.022	1516	1519	1521	rVV	263800	228124	4.09%	0.717%
47	11.063	1524	1526	1529	rVB	142547	111930	2.01%	0.352%
48	11.145	1536	1540	1545	rBV	154203	149152	2.67%	0.469%
49	11.204	1545	1550	1552	rBV2	66684	76346	1.37%	0.240%
50	11.328	1568	1571	1574	rBV	811117	773282	13.86%	2.432%
51	11.351	1574	1575	1579	rVB	412654	332507	5.96%	1.046%
52	12.798	1818	1821	1825	rVB	97515	86991	1.56%	0.274%
53	12.916	1836	1841	1844	rBV	2310776	2179323	39.06%	6.854%
54	13.974	2018	2021	2029	rBV	523279	477478	8.56%	1.502%
55	15.439	2263	2270	2281	rVB	415723	534536	9.58%	1.681%

Sum of corrected areas: 31798446

LSC Report - Integrated Chromatogram

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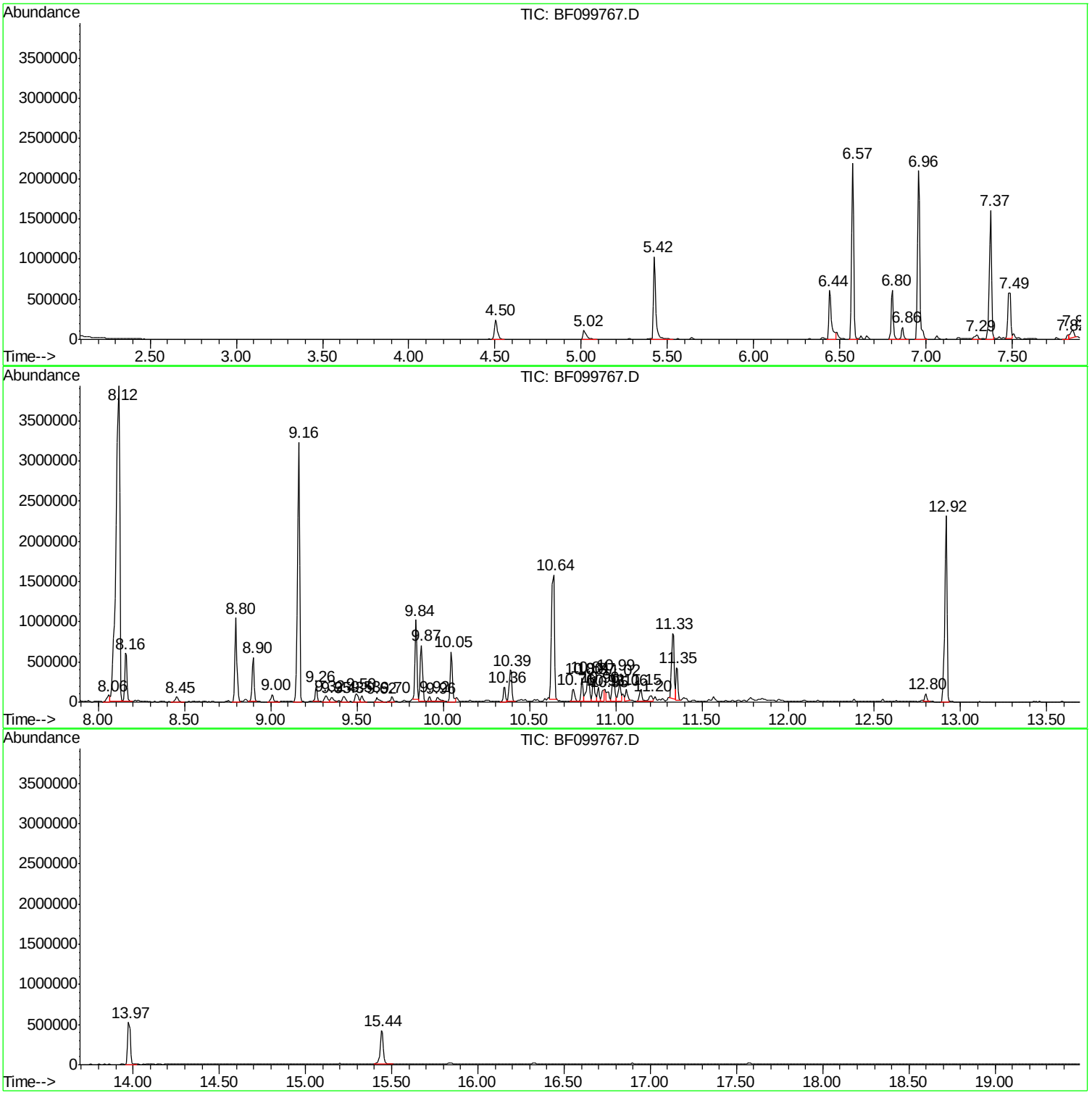
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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 : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099767.D
Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
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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

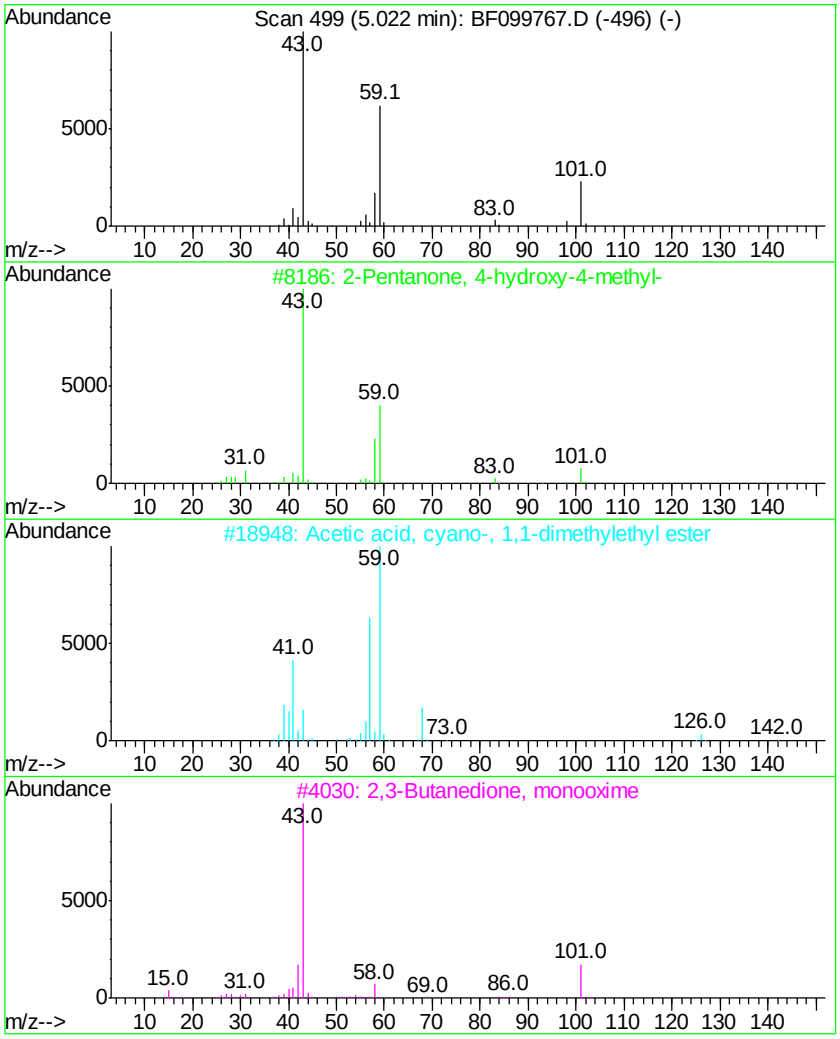
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

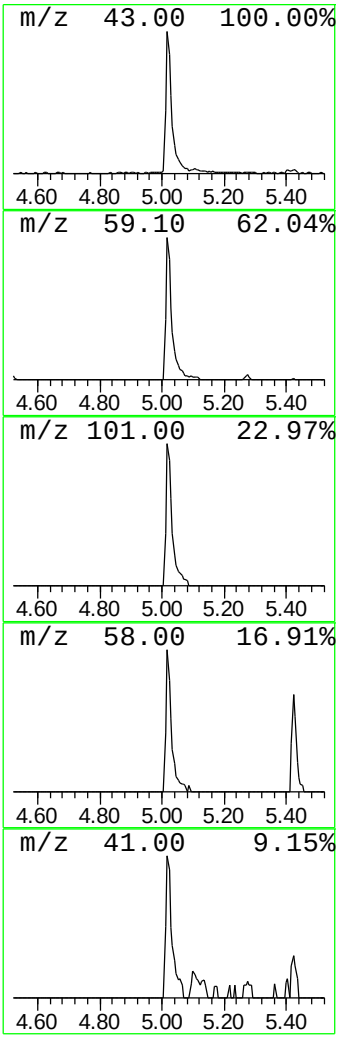
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	5.19 ng	142564	1,4-Dichlorobenzene-d4	6.80

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	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099767.D
Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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

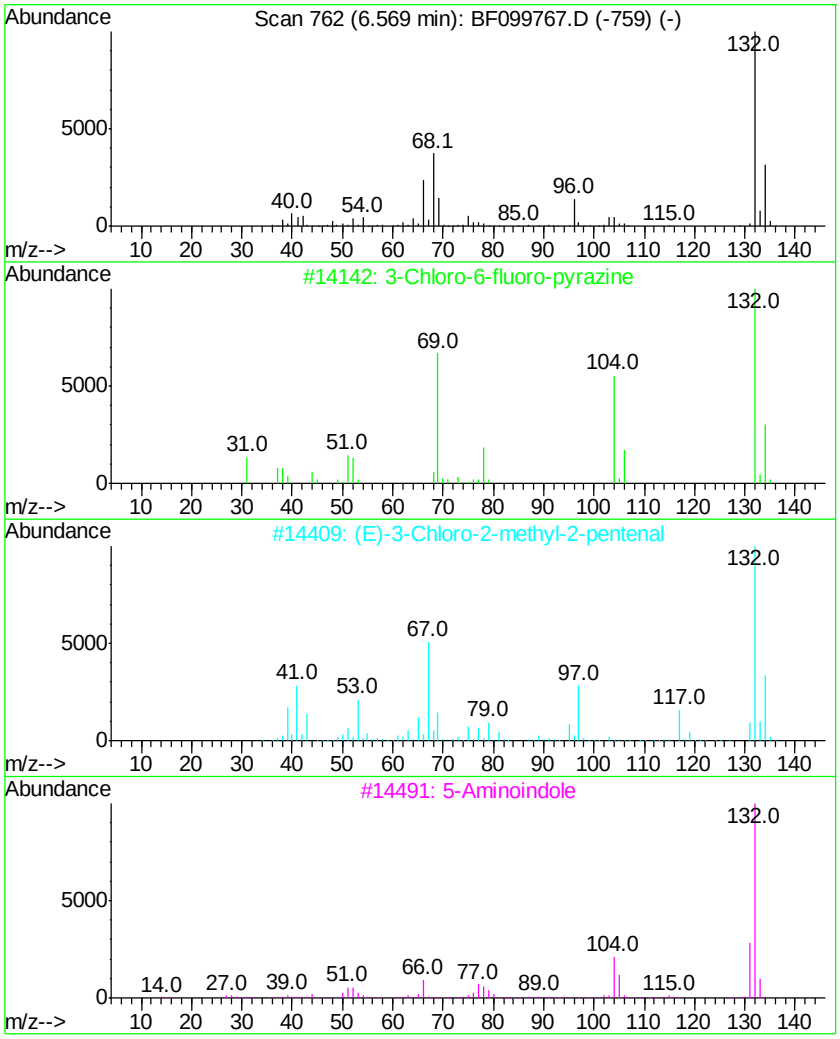
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

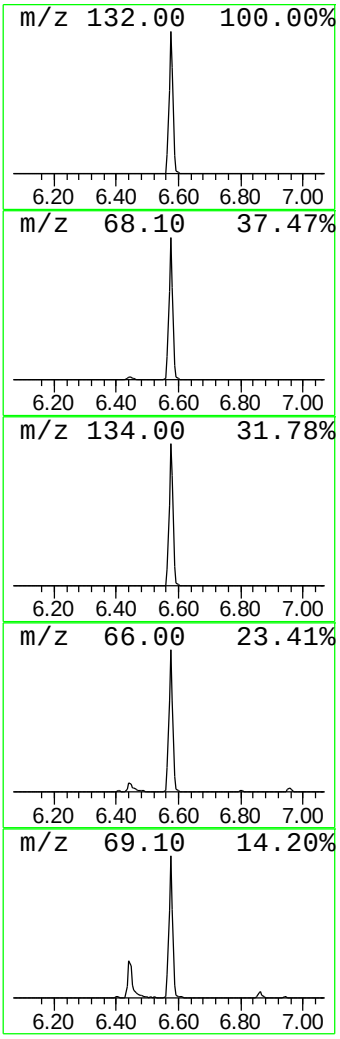
****

Peak Number 3 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	73.56 ng	2019900	1,4-Dichlorobenzene-d4	6.80

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099767.D
Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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

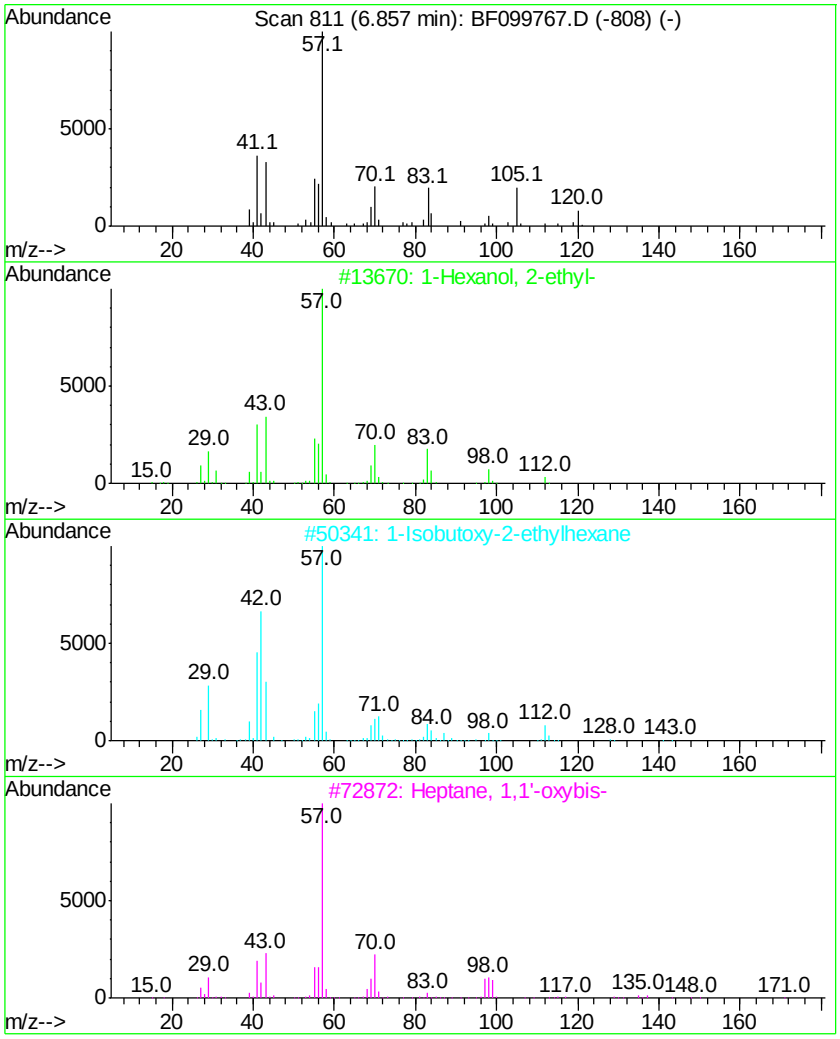
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

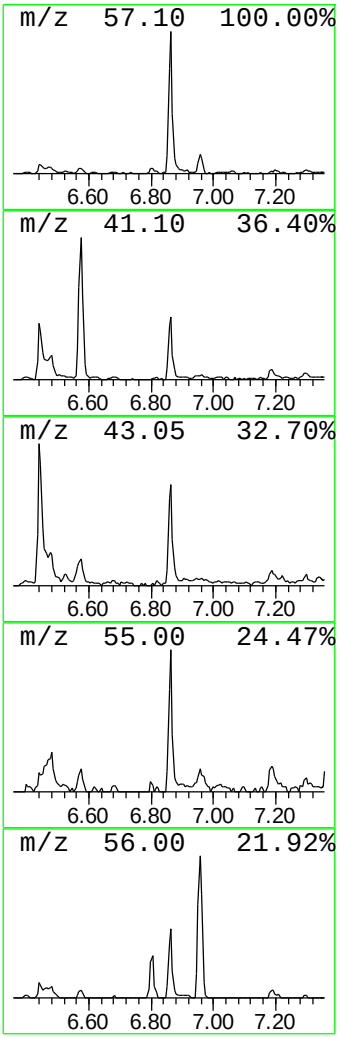
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	5.03 ng	138185	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	78
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50





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Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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

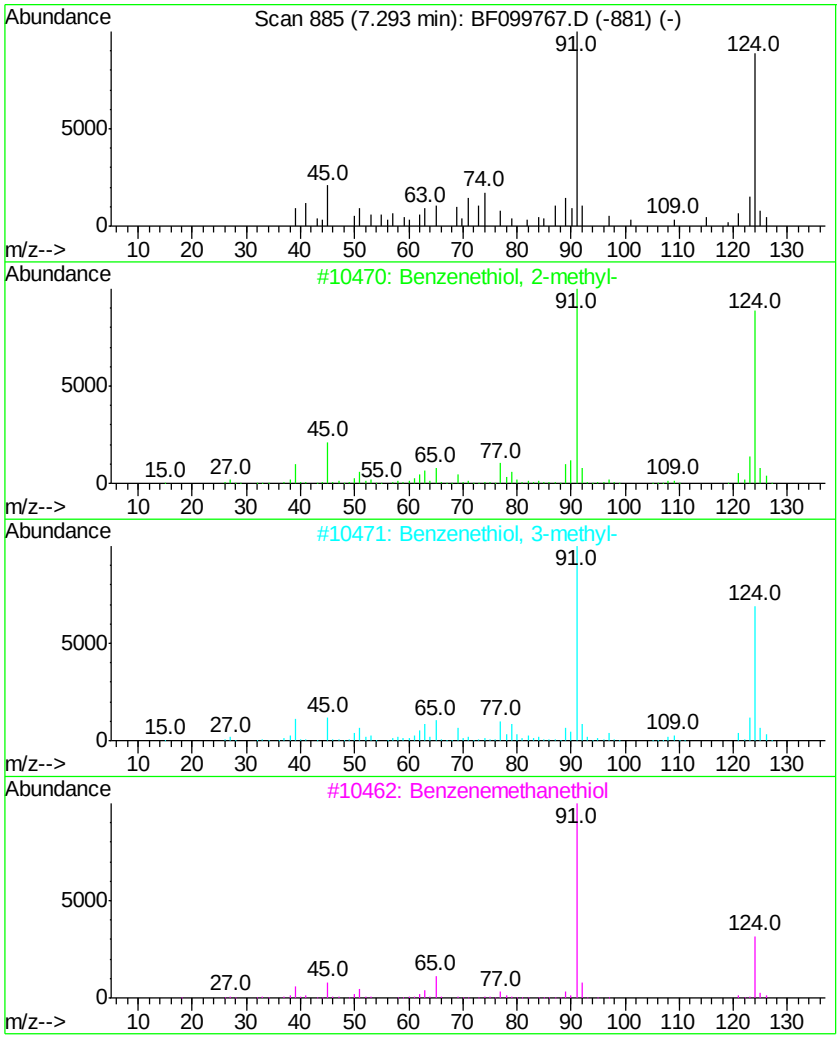
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

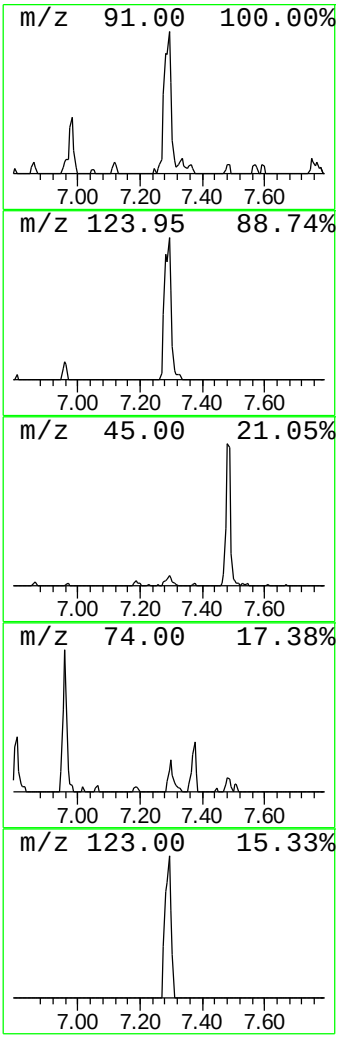
****

Peak Number 6 Benzenethiol, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	2.38 ng	65431	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenethiol, 2-methyl-	124	C7H8S	000137-06-4	93
2	Benzenethiol, 3-methyl-	124	C7H8S	000108-40-7	81
3	Benzenemethanethiol	124	C7H8S	000100-53-8	64
4	Benzenethiol, 4-methyl-	124	C7H8S	000106-45-6	58
5	Benzeneacetic acid, 2-methoxyphe...	242	C15H14O3	004112-89-4	50





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Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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

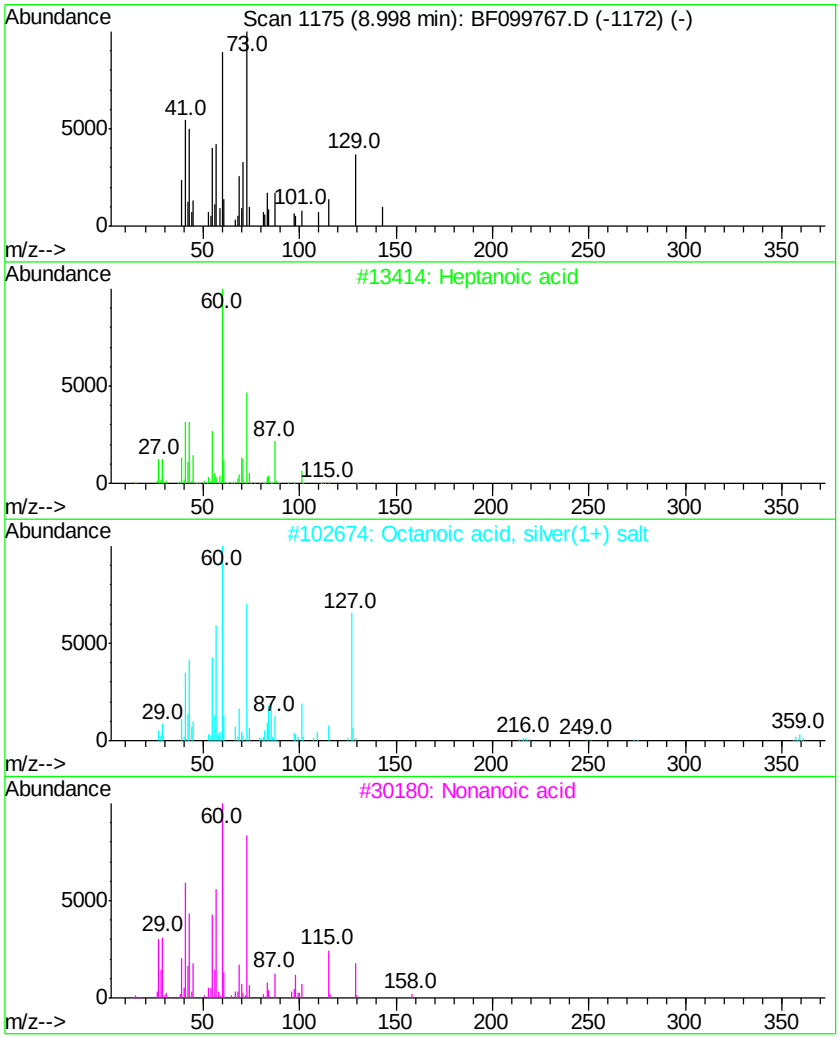
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

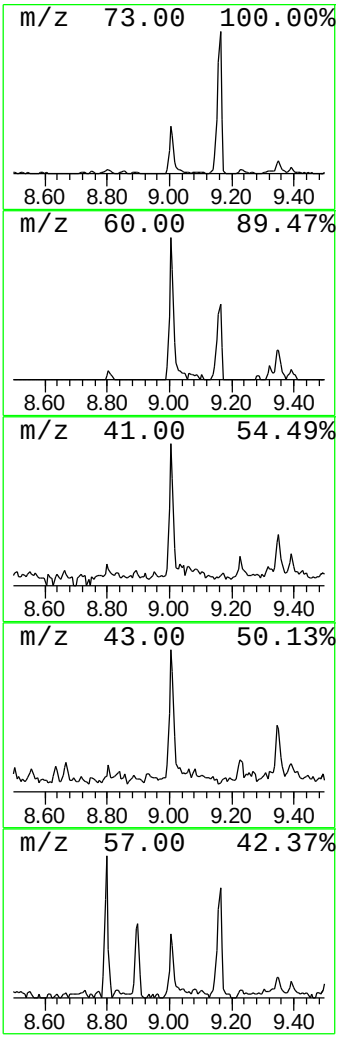
****

Peak Number 7 unknown9.00 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	2.40 ng	97413	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	47
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	43
3	Nonanoic acid	158	C9H18O2	000112-05-0	40
4	1,3-Diamino-2-propanol	90	C3H10N2O	000616-29-5	38
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	35





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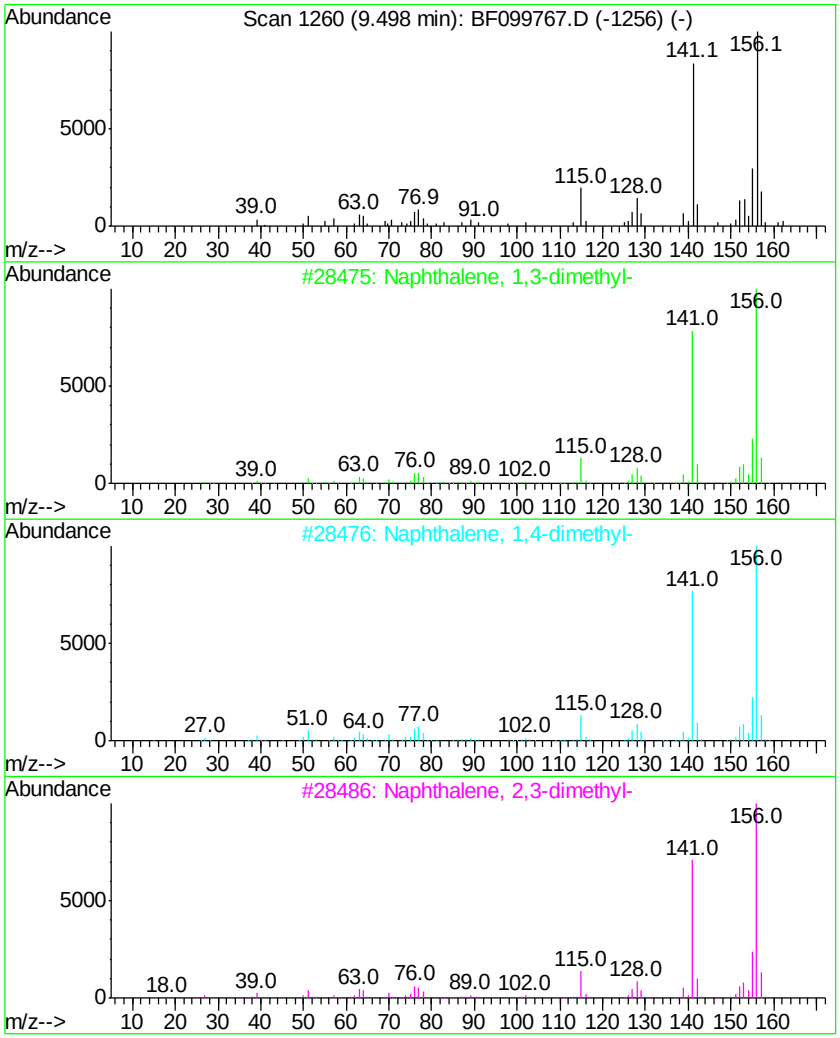
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

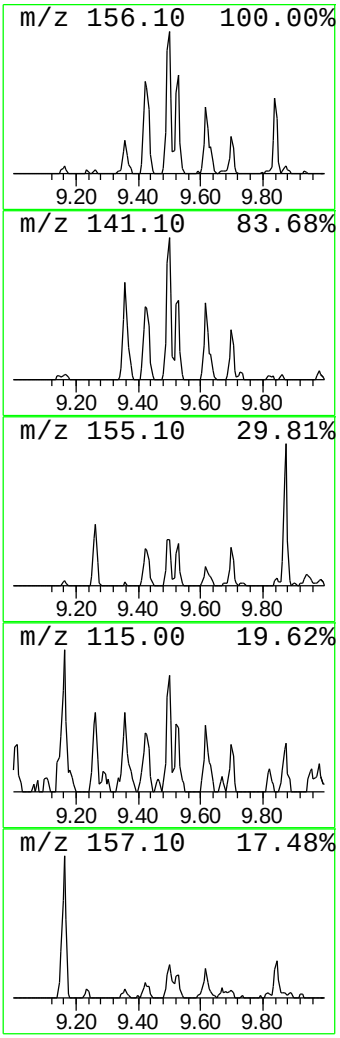
****

Peak Number 8 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	2.84 ng	115152	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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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

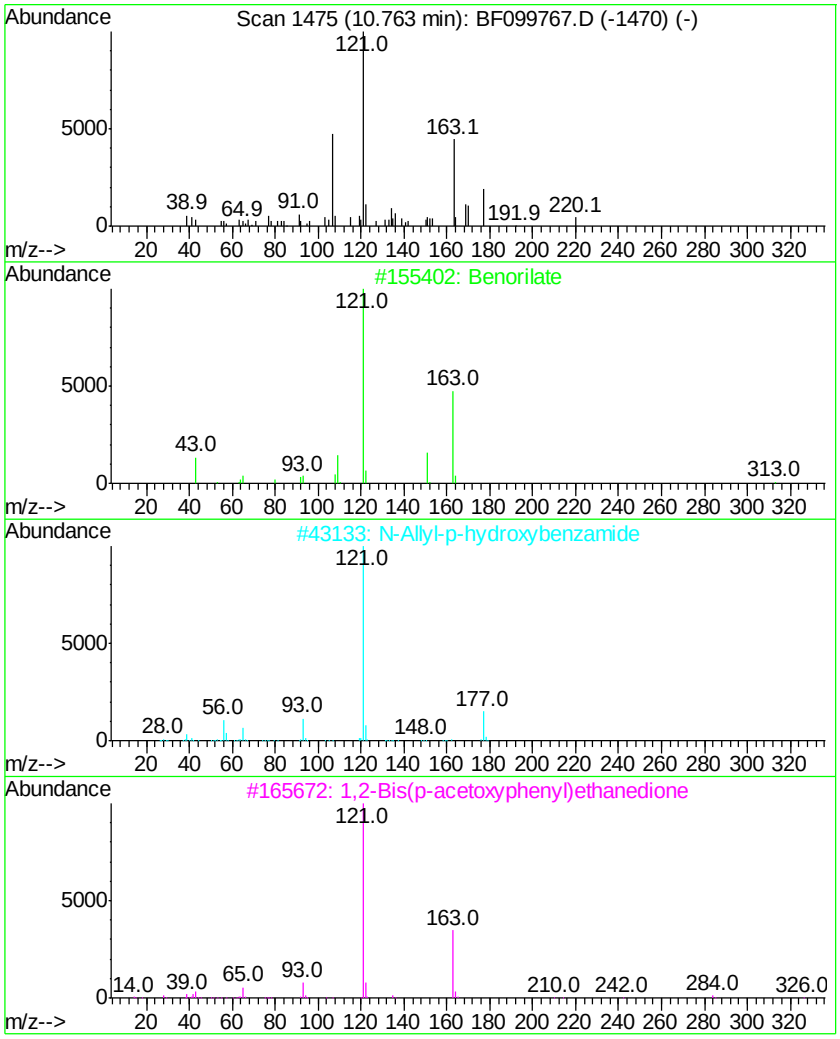
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

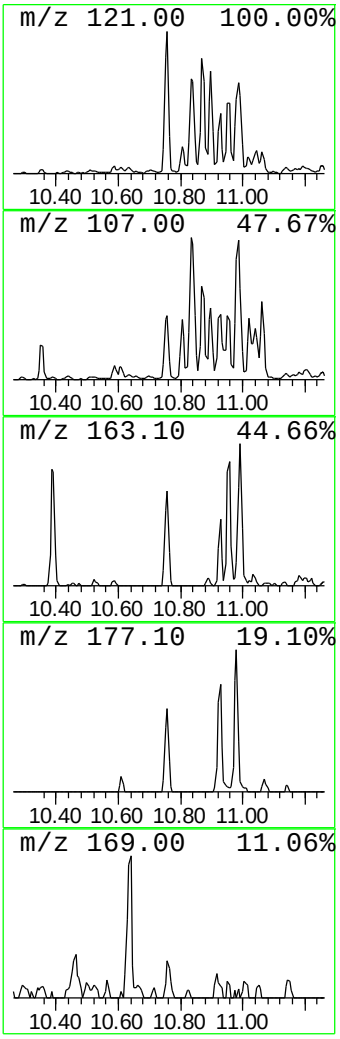
****

Peak Number 9 unknown10.76 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.53 ng	136473	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benorilate	313	C17H15NO5	005003-48-5	47
2	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	43
3	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	40
4	3',4'-Acetoxylide	163	C10H13NO	002198-54-1	40
5	2-Pentenenitrile, 5-(p-anisyl)-3...	201	C13H15NO	1000151-83-0	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099767.D
Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20170722-C-A-COMP1

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

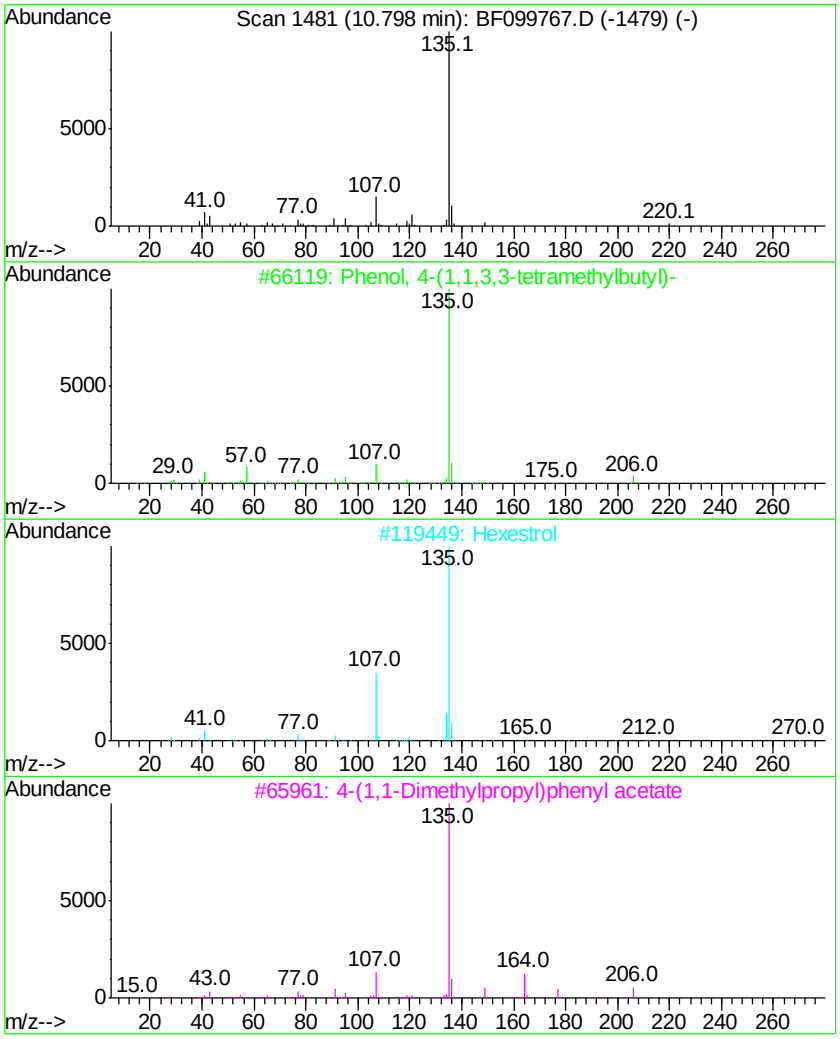
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

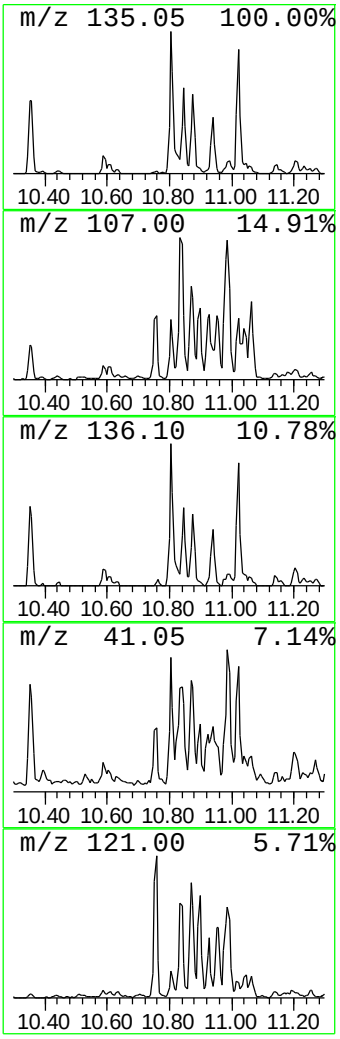
****

Peak Number 10 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	6.04 ng	233539	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Hexestrol	270	C18H22O2	000084-16-2	72
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64
4	1-Adamantanecarboxylic acid, 4-n...	301	C17H19NO4	1000307-66-5	59
5	1,3-Benzenediol, O-(1-adamantane...	272	C17H20O3	1000345-57-3	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099767.D
Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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

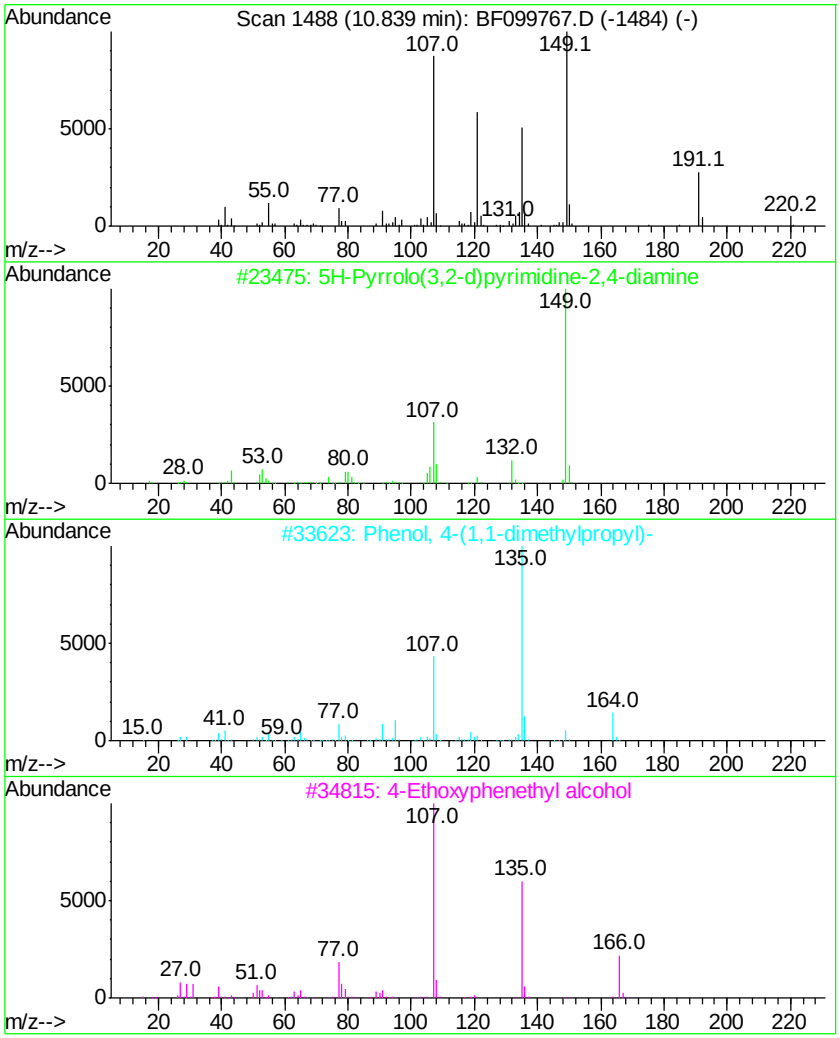
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

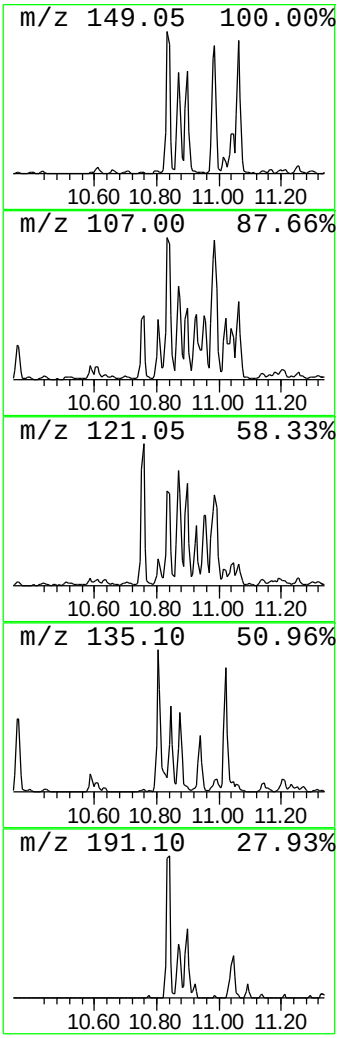
****

Peak Number 11 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	10.28 ng	397621	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	50
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	38
3	4-Ethoxyphenethyl alcohol	166	C10H14O2	022545-15-9	35
4	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	30
5	Phenol, 4-butyl-	150	C10H14O	001638-22-8	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099767.D
Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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

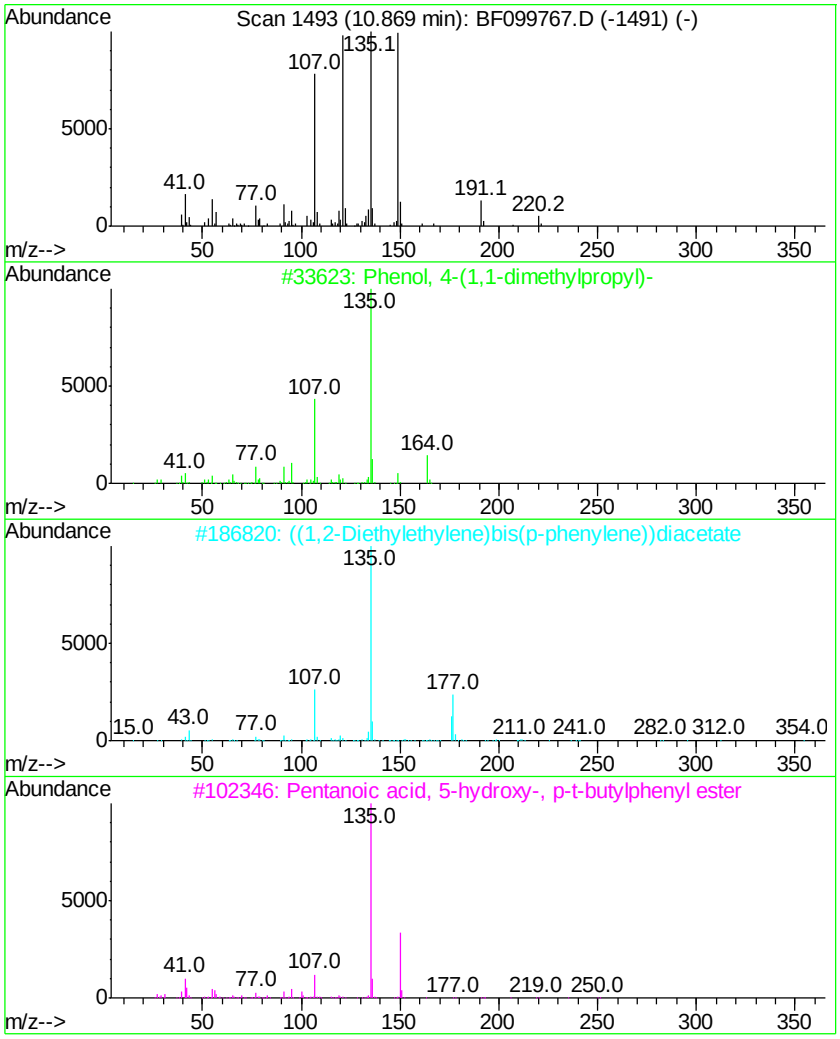
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

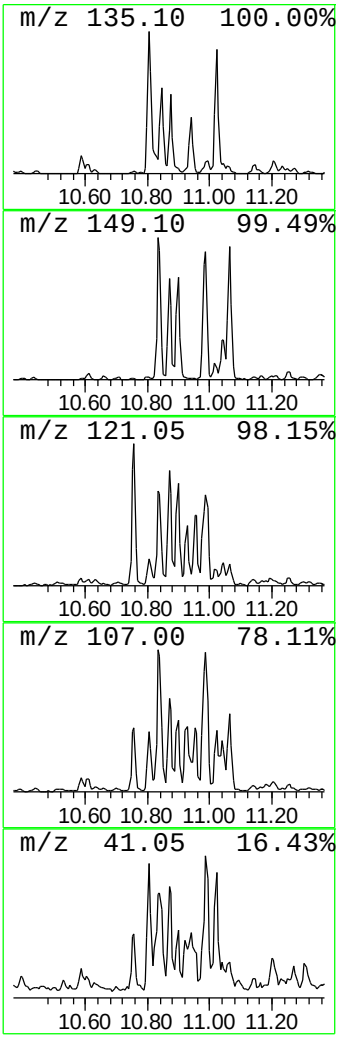
****

Peak Number 12 Phenol, 4-(1,1-dimethylprop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	6.91 ng	267182	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
2	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	59
3	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	53
4	Hexestrol	270	C18H22O2	005635-50-7	53
5	Hexestrol	270	C18H22O2	000084-16-2	53





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Data File : BF099767.D
Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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

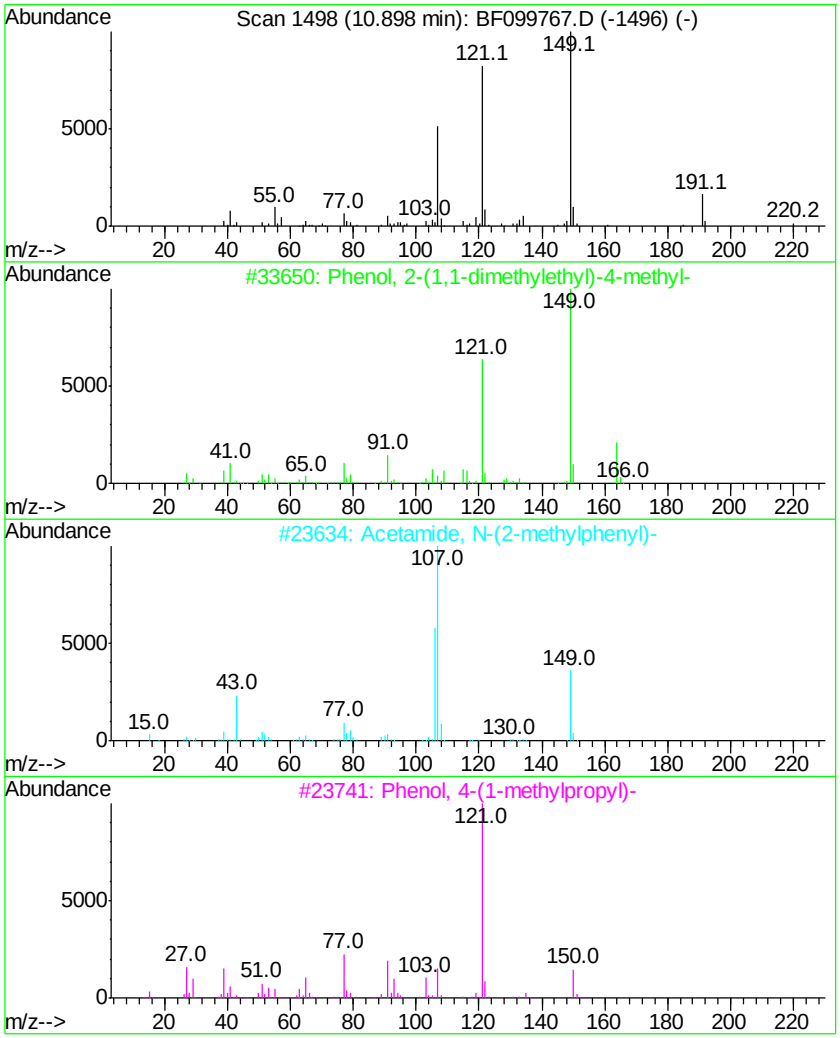
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

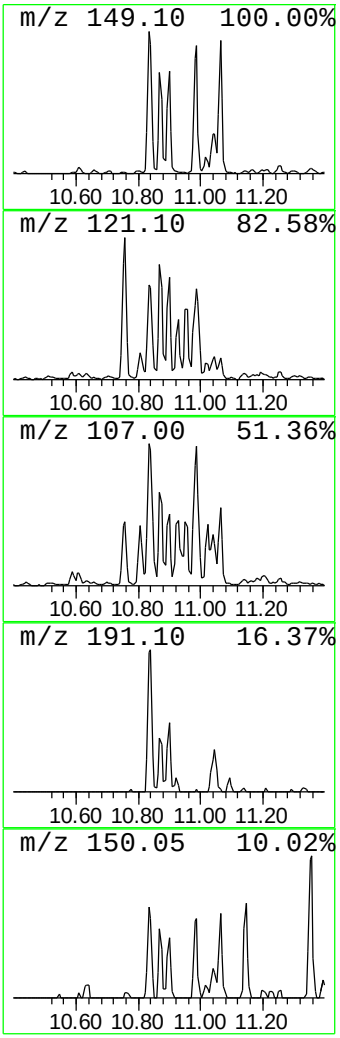
****

Peak Number 13 Phenol, 2-(1,1-dimethylethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.62 ng	140137	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	59
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	46
3	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	38
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	35
5	Isoxazole, 4,5-dihydro-5-[(4-met...	191	C11H13NO2	1000362-14-0	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099767.D
Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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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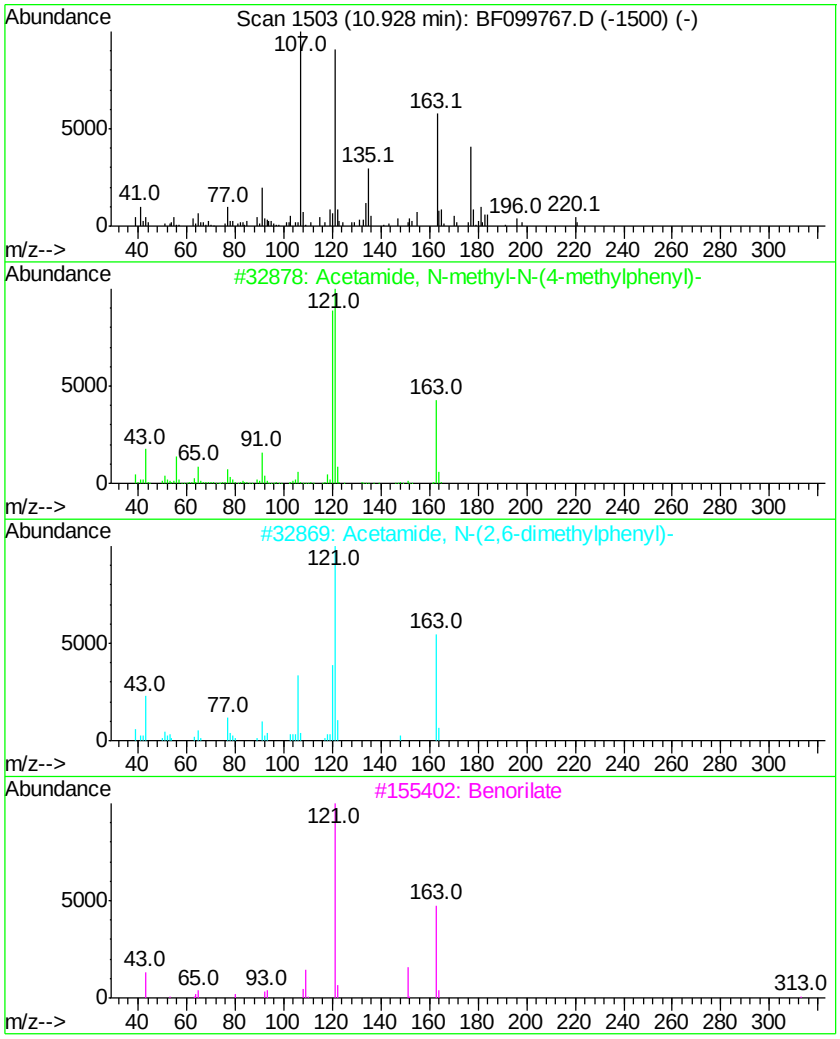
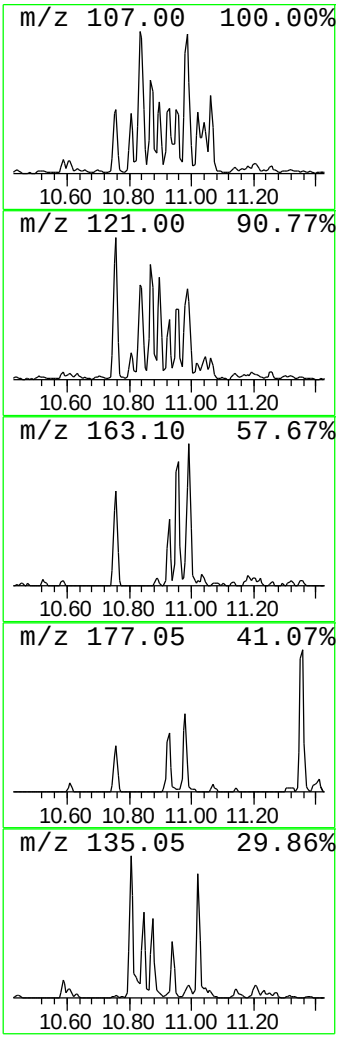
Peak Number 14 unknown10.93 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	4.02 ng	155547	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-methyl-N-(4-methylp...	163	C10H13NO	000612-03-3	30
2	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	27
3	Benorilate	313	C17H15NO5	005003-48-5	27
4	Benzeneacetic acid, 4-ethoxy-	180	C10H12O3	004919-33-9	22
5	Phenol, 4-(1-methylethyl)-, acetate	178	C11H14O2	002664-32-6	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099767.D
Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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

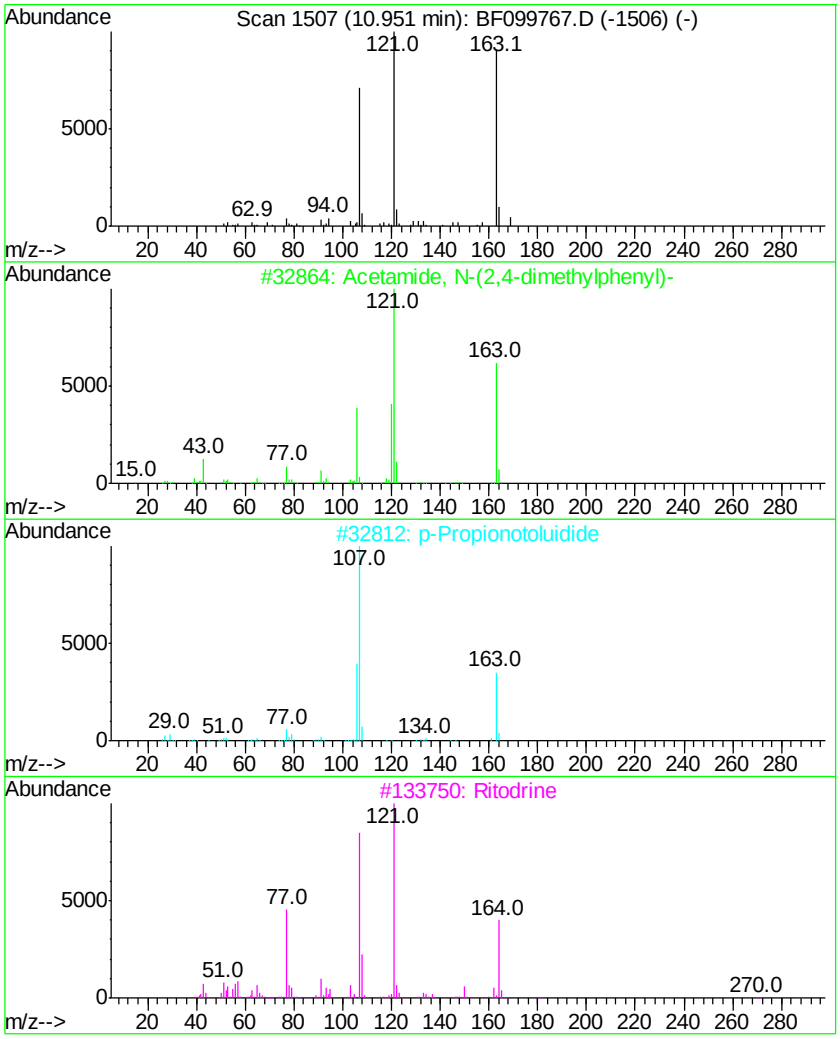
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

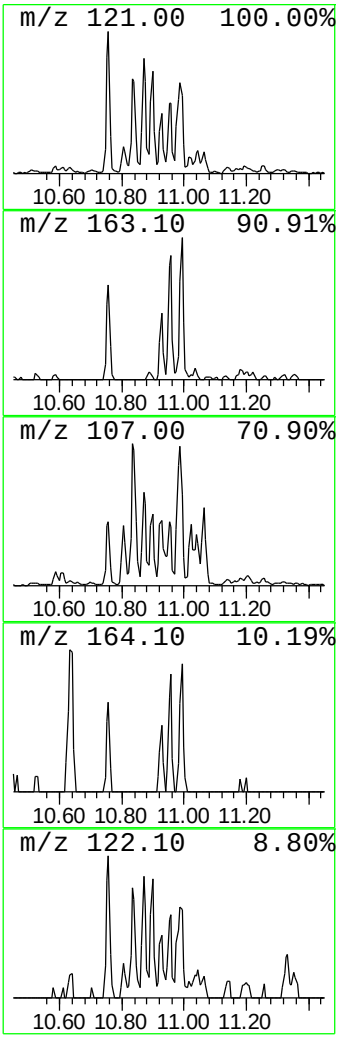
****

Peak Number 15 unknown10.95 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	2.56 ng	98804	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	45
2	p-Propionotoluidide	163	C10H13NO	002759-55-9	43
3	Ritodrine	287	C17H21NO3	026652-09-5	43
4	2-Phenyl-1-(4-propoxy-phenyl)-et...	254	C17H18O2	063192-18-7	38
5	1,2-Dimethyl-5-nitroadamantane	209	C12H19NO2	006588-68-7	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099767.D
Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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

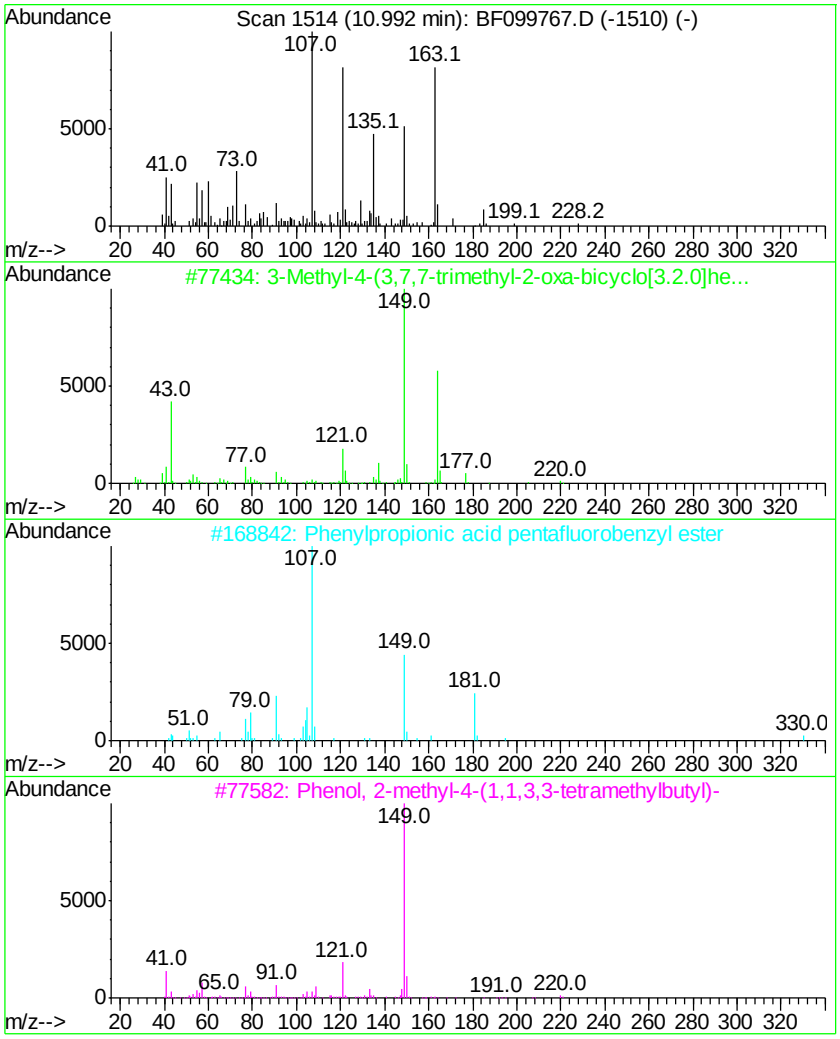
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

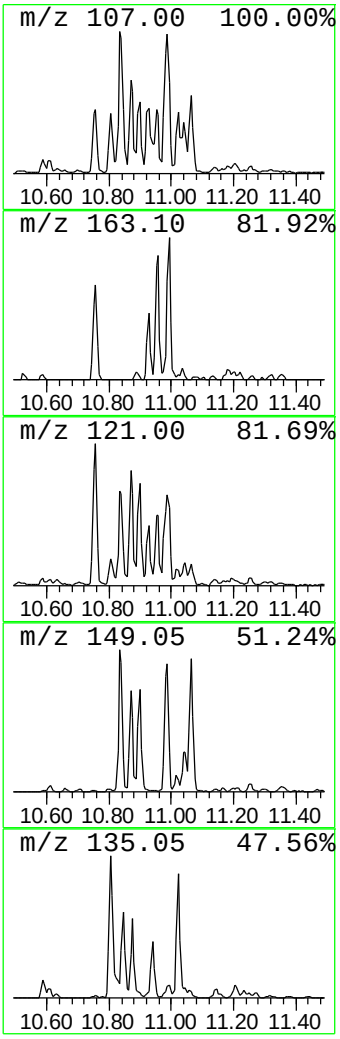
****

Peak Number 16 unknown10.99 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	9.41 ng	363925	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(3,7,7-trimethyl-2-ox...	220	C14H20O2	1000189-10-9	38
2	Phenylpropionic acid pentafluoro...	330	C16H11F5O2	062434-95-1	38
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	30
4	Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	30
5	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
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Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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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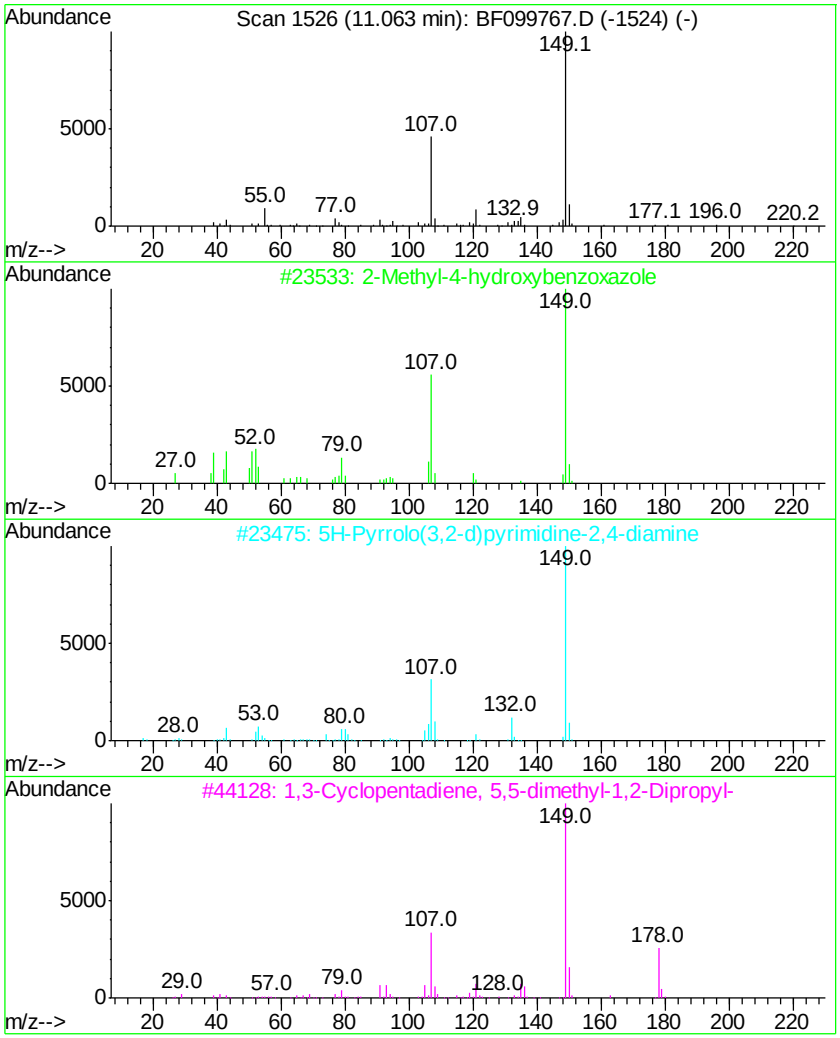
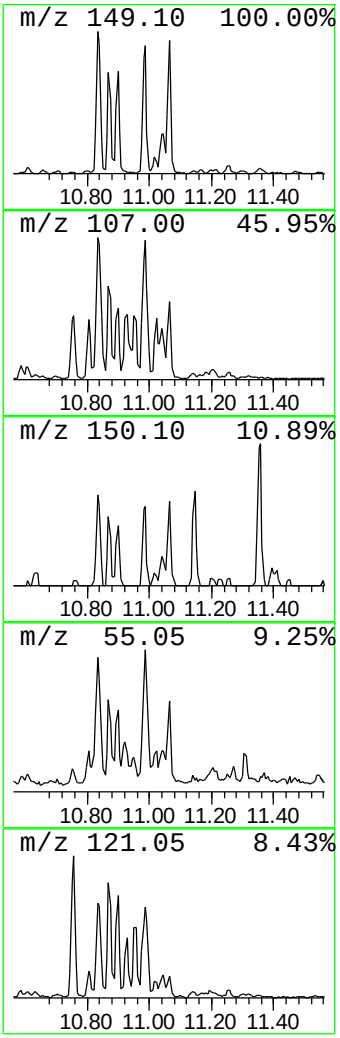
Peak Number 18 2-Methyl-4-hydroxybenzoxazole Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.89 ng	111930	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	78
2	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	72
3	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	50
4	3-(3-Pyridyl)propenoic acid	149	C8H7NO2	001126-74-5	49
5	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	42





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Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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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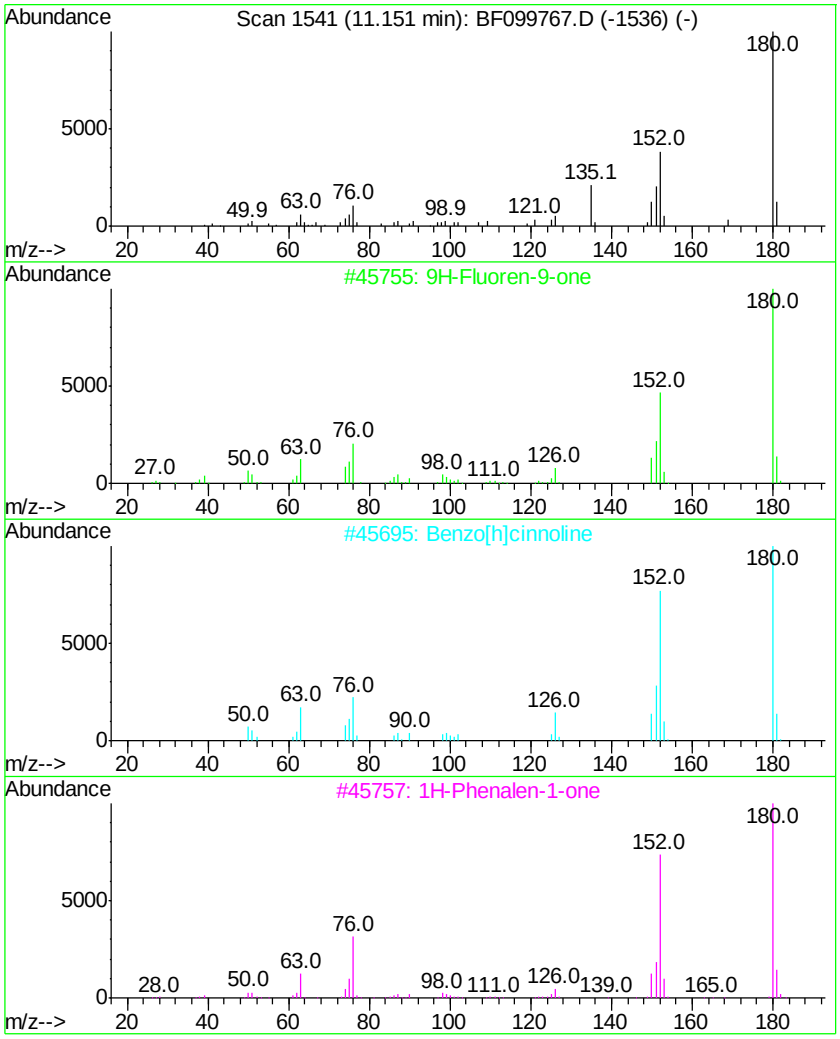
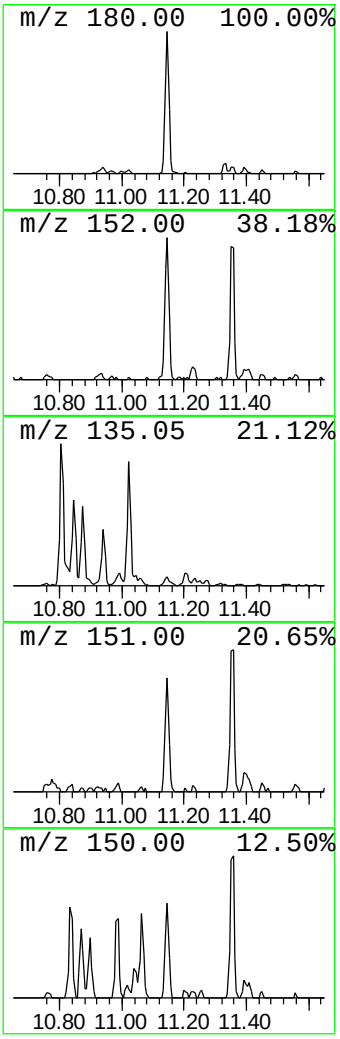
Peak Number 19 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	3.86 ng	149152	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	74
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
4	2,1,3-Benzothiadiazole-5-carboxy...	180	C7H4N2O2S	016405-98-4	47
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
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Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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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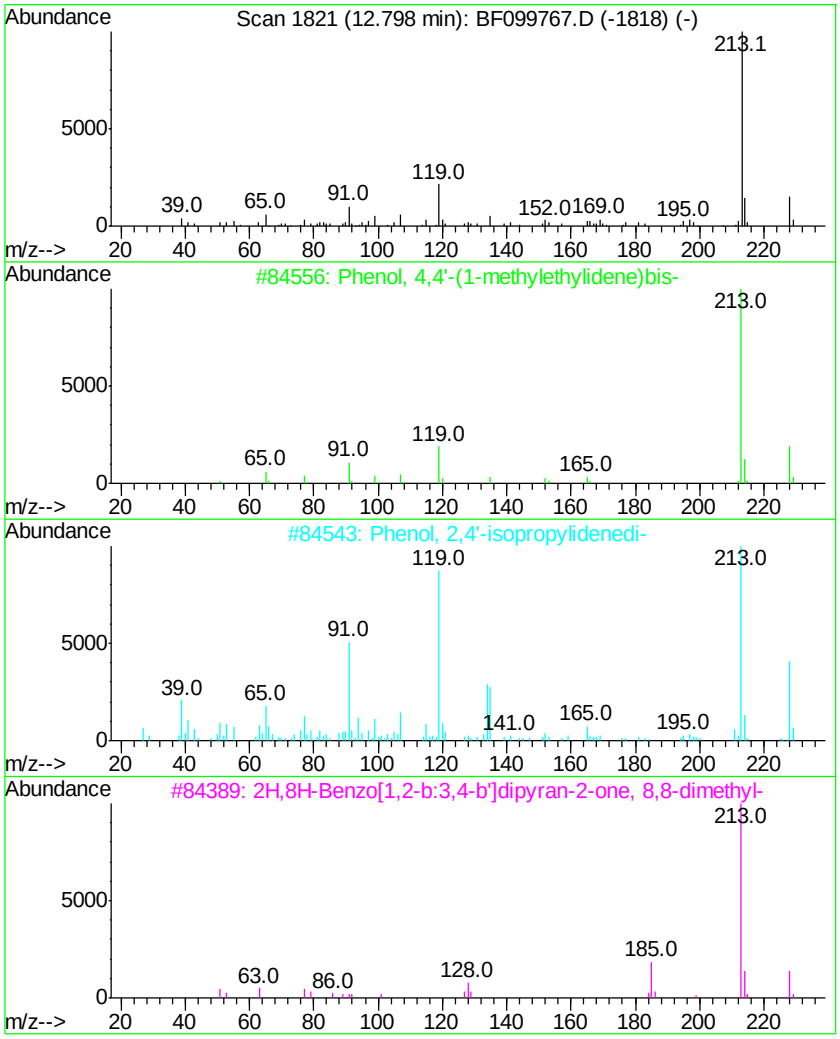
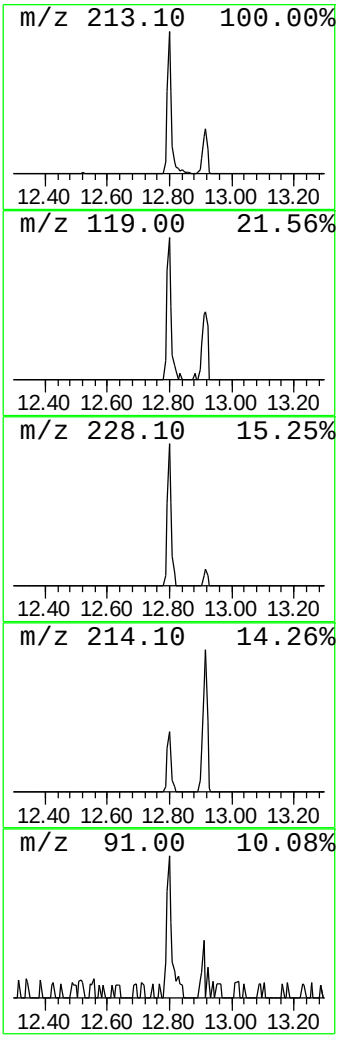
Peak Number 20 Phenol, 4,4'-(1-methylethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	3.64 ng	86991	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	64
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
4	2-Trifluoromethyl-5-hydroxyquino...	213	C10H6F3NO	041958-06-9	53
5	Naphthalene-2,6-dicarboxylic aci...	376	C24H24O4	1000189-60-8	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102317\
Data File : BF099767.D
Acq On : 23 Oct 2017 19:03
Operator : SJ/JU
Sample : I5950-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20170722-C-A-COMP1

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...	5.02	5.2	ng	142564	1	6.80	549183	20.0
unknown6.57	6.57	73.6	ng	2019900	1	6.80	549183	20.0
1-Hexanol, 2-ethyl-	6.86	5.0	ng	138185	1	6.80	549183	20.0
Benzenethiol, 2-m...	7.29	2.4	ng	65431	1	6.80	549183	20.0
unknown9.00	9.00	2.4	ng	97413	3	9.84	811093	20.0
Naphthalene, 1,3-...	9.50	2.8	ng	115152	3	9.84	811093	20.0
unknown10.76	10.76	3.5	ng	136473	4	11.33	773282	20.0
Phenol, 4-(1,1,3,...	10.80	6.0	ng	233539	4	11.33	773282	20.0
5H-Pyrrolo(3,2-d)...	10.84	10.3	ng	397621	4	11.33	773282	20.0
Phenol, 4-(1,1-di...	10.87	6.9	ng	267182	4	11.33	773282	20.0
Phenol, 2-(1,1-di...	10.90	3.6	ng	140137	4	11.33	773282	20.0
unknown10.93	10.93	4.0	ng	155547	4	11.33	773282	20.0
unknown10.95	10.95	2.6	ng	98804	4	11.33	773282	20.0
unknown10.99	10.99	9.4	ng	363925	4	11.33	773282	20.0
2-Methyl-4-hydrox...	11.06	2.9	ng	111930	4	11.33	773282	20.0
9H-Fluoren-9-one	11.15	3.9	ng	149152	4	11.33	773282	20.0
Phenol, 4,4'-(1-m...	12.80	3.6	ng	86991	5	13.97	477478	20.0