LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083166.D
Acq On : 22 Nov 2015 18:44
Operator : UM/IZ
Sample : G4455-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15

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-BF112115.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	3.347	116	119	126	rVB	32786	76021	1.17%	0.116%
2	4.787	243	245	264	rBV	704670	1151409	17.78%	1.761%
3	5.244	283	285	294	rBV	1875302	2704765	41.78%	4.138%
4	6.307	376	378	384	rBV	1635309	1957142	30.23%	2.994%
5	6.421	386	388	391	rVV	4903255	4663615	72.03%	7.135%
6	6.650	406	408	410	rBV	1245825	1204530	18.61%	1.843%
7	6.730	413	415	418	rBV	437422	464777	7.18%	0.711%
8	6.810	419	422	424	rBV	4083230	4669314	72.12%	7.143%
9	7.004	435	439	442	rVB2	50570	92367	1.43%	0.141%
10	7.221	455	458	460	rBV	3940421	3982087	61.51%	6.092%
11	7.942	518	521	523	rBV	1185964	1590528	24.57%	2.433%
12	8.467	565	567	571	rVB	192479	191498	2.96%	0.293%
13	8.559	573	575	581	rVB	216040	266017	4.11%	0.407%
14	8.673	584	585	589	rVB	141782	195780	3.02%	0.300%
15	8.822	595	598	602	rBV4	29647	69149	1.07%	0.106%
16	9.016	612	615	618	rVV	5539814	6474157	100.00%	9.904%
17	9.199	628	631	633	rBV	88132	116744	1.80%	0.179%
18	9.256	633	636	638	rVV2	120319	181633	2.81%	0.278%
19	9.393	646	648	649	rBV	50952	67046	1.04%	0.103%
20	9.416	649	650	653	rVB	272198	239528	3.70%	0.366%
21	9.633	667	669	671	rBV	60218	73746	1.14%	0.113%
22	9.690	671	674	679	rVB2	1355934	2008396	31.02%	3.073%
23	9.919	693	694	699	rVB4	68626	150425	2.32%	0.230%
24	10.136	708	713	714	rBV2	81174	161319	2.49%	0.247%
25	10.308	726	728	731	rBV3	35289	94365	1.46%	0.144%
26	10.479	739	743	745	rBV2	3149274	4413029	68.16%	6.751%
27	10.616	753	755	757	rBV	723031	762012	11.77%	1.166%
28	10.673	757	760	761	rVV	1338872	1508681	23.30%	2.308%
29	10.708	761	763	764	rVV	1629233	1905873	29.44%	2.916%
30	10.742	764	766	769	rVV3	1194683	2582755	39.89%	3.951%
31	10.799	769	771	774	rVV2	789019	1743932	26.94%	2.668%
32	10.845	774	775	777	rVV2	1649210	1869437	28.88%	2.860%
33	10.890	777	779	781	rVV	1315269	2104272	32.50%	3.219%
34	10.925	781	782	784	rVB	1313775	1067355	16.49%	1.633%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083166.D
Acq On : 22 Nov 2015 18:44
Operator : UM/IZ
Sample : G4455-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.039	790	792	796	rVB3	170747	246344	3.81%	0.377%
36	11.165	801	803	805	rBV	1708117	1723393	26.62%	2.637%
37	11.382	821	822	826	rVB	378635	429608	6.64%	0.657%
38	11.473	829	830	832	rVB	100576	87379	1.35%	0.134%
39	11.713	849	851	856	rBV	760220	763024	11.79%	1.167%
40	12.399	909	911	915	rVB4	56963	120415	1.86%	0.184%
41	12.491	917	919	921	rBV2	488448	654895	10.12%	1.002%
42	12.536	921	923	925	rVV	302180	379370	5.86%	0.580%
43	12.582	925	927	930	rVB	113709	122618	1.89%	0.188%
44	12.639	930	932	939	rVB2	70384	140942	2.18%	0.216%
45	12.753	939	942	944	rBV	5025747	6426713	99.27%	9.832%
46	13.291	987	989	990	rBV	81845	87704	1.35%	0.134%
47	13.531	1008	1010	1018	rVB2	133899	188191	2.91%	0.288%
48	13.656	1018	1021	1027	rVB	271504	331964	5.13%	0.508%
49	13.782	1030	1032	1035	rBV	1514428	1536580	23.73%	2.351%
50	14.411	1085	1087	1091	rBV2	45200	93577	1.45%	0.143%
51	15.154	1149	1152	1155	rBV	870257	1230249	19.00%	1.882%

Sum of corrected areas: 65366670

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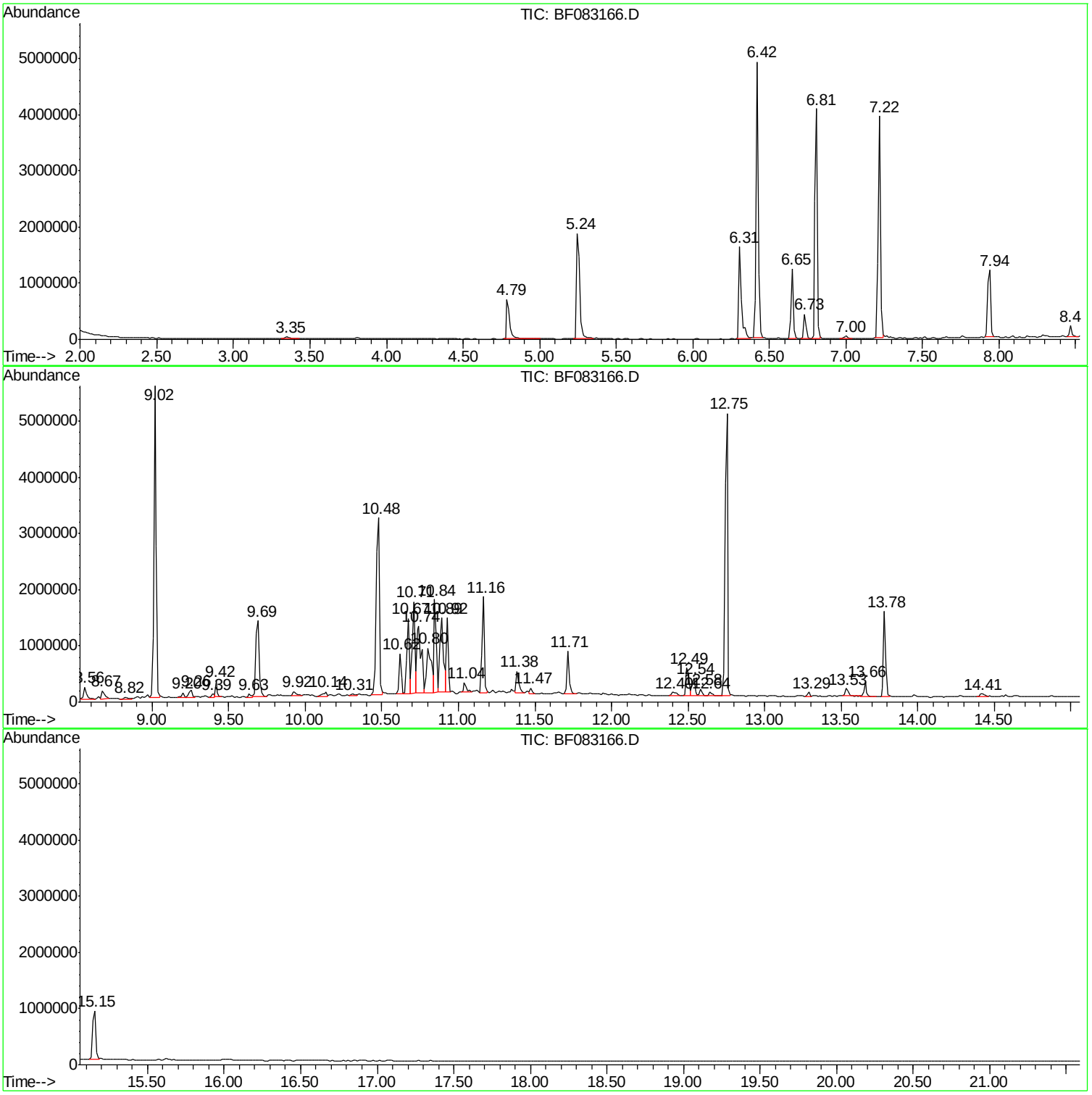
Instrument :
BNA_F
ClientSampleId :
MW-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BF083166.D
Acq On : 22 Nov 2015 18:44
Operator : UM/IZ
Sample : G4455-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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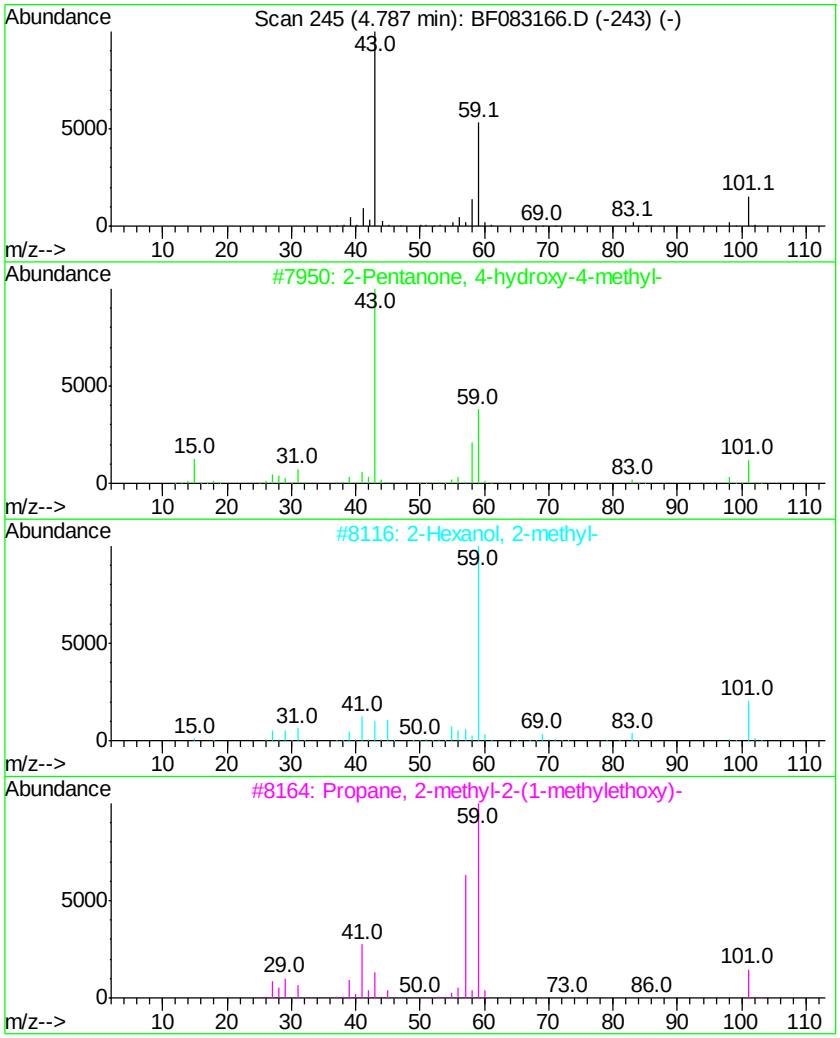
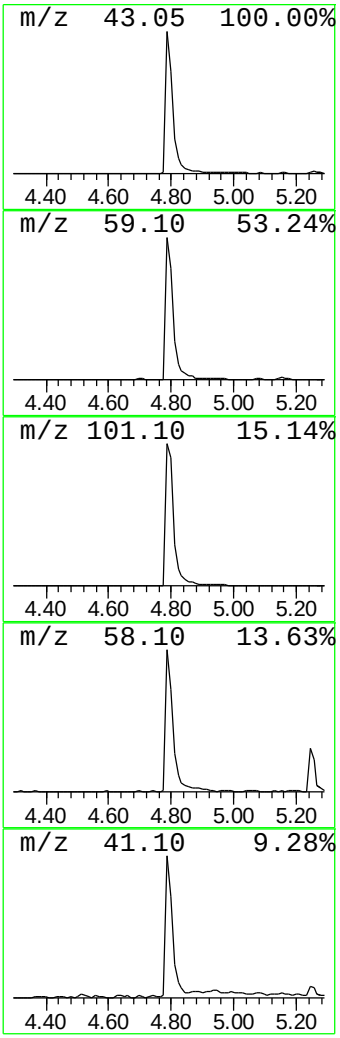
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	19.12 ng	1151410	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083166.D
Acq On : 22 Nov 2015 18:44
Operator : UM/IZ
Sample : G4455-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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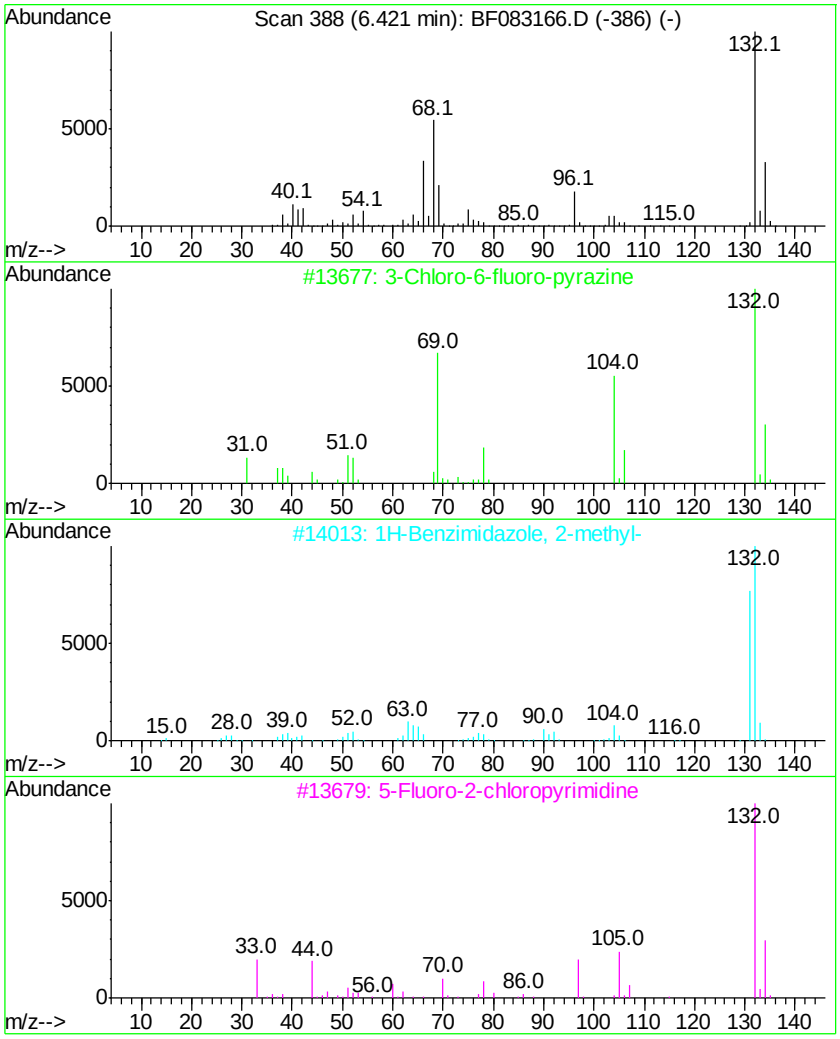
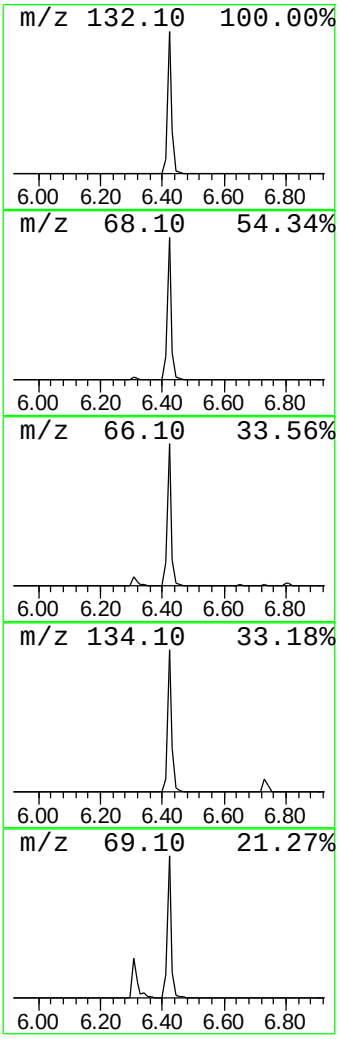
Peak Number 2 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	77.43 ng	4663620	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
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Acq On : 22 Nov 2015 18:44
Operator : UM/IZ
Sample : G4455-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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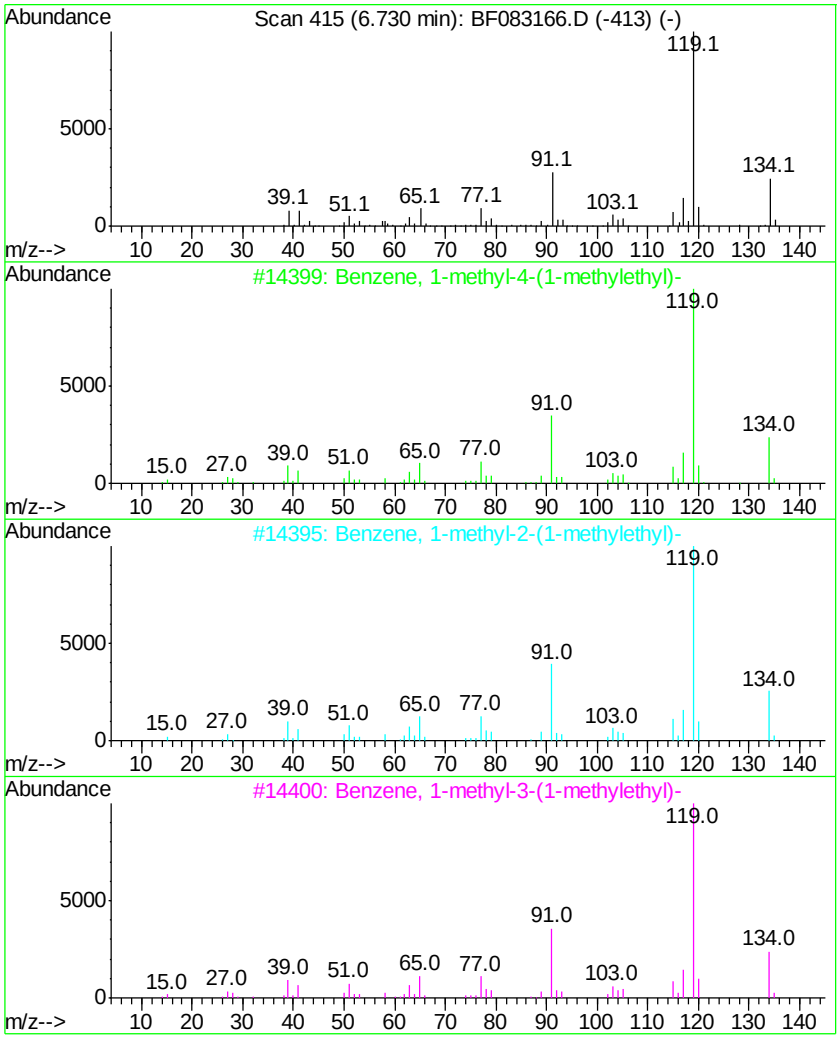
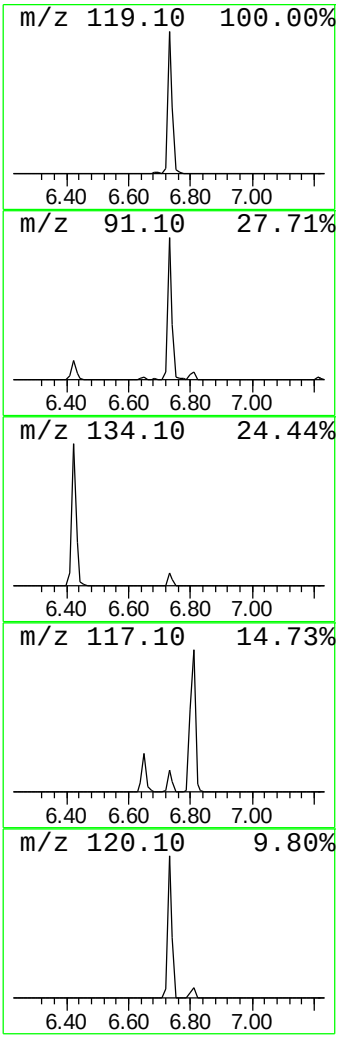
Peak Number 3 Benzene, 1-methyl-4-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	7.72 ng	464777	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	96
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	96
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





Library Search Compound Report

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Acq On : 22 Nov 2015 18:44
Operator : UM/IZ
Sample : G4455-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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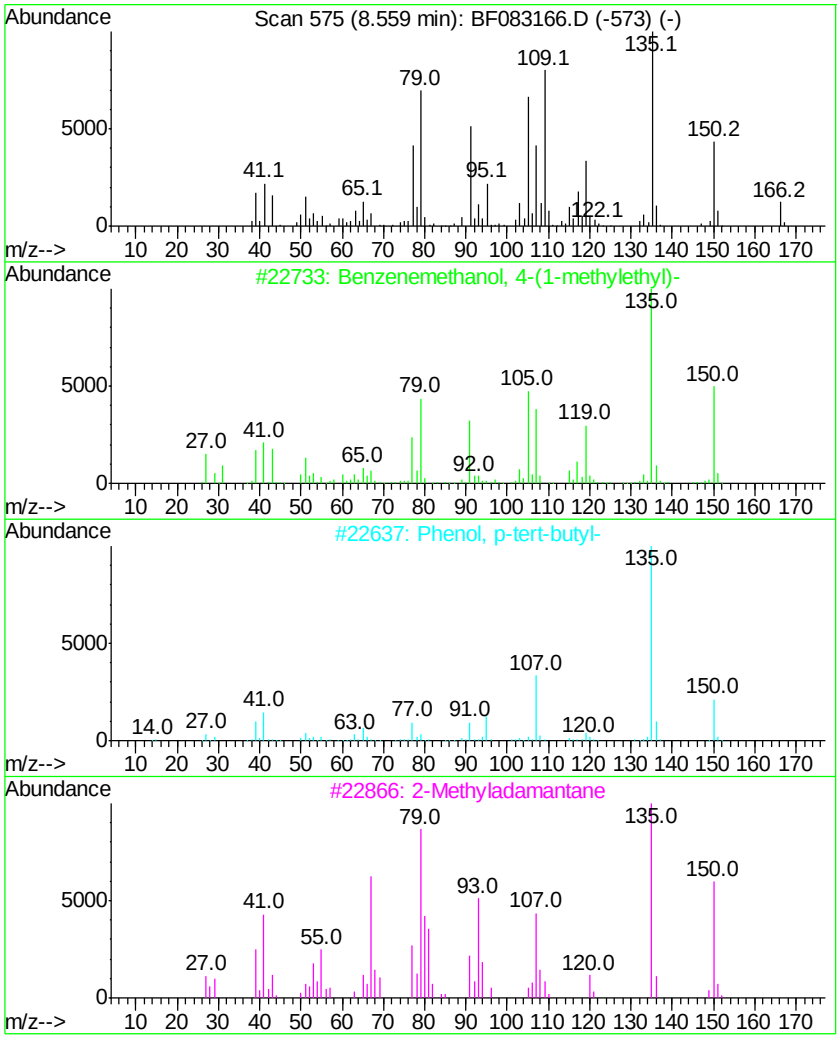
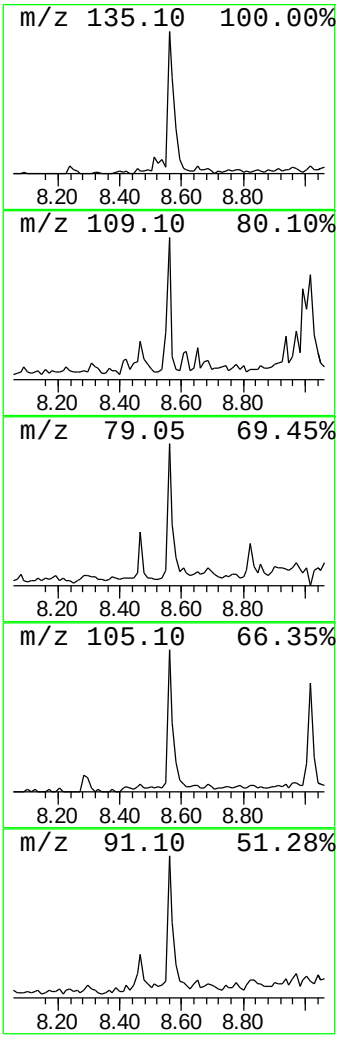
Peak Number 5 Benzenemethanol, 4-(1-methy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	3.35 ng	266017	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 4-(1-methylethyl)-	150	C10H14O	000536-60-7	93
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	60
3	2-Methyladamantane	150	C11H18	000700-56-1	53
4	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	50
5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	45





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
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Acq On : 22 Nov 2015 18:44
Operator : UM/IZ
Sample : G4455-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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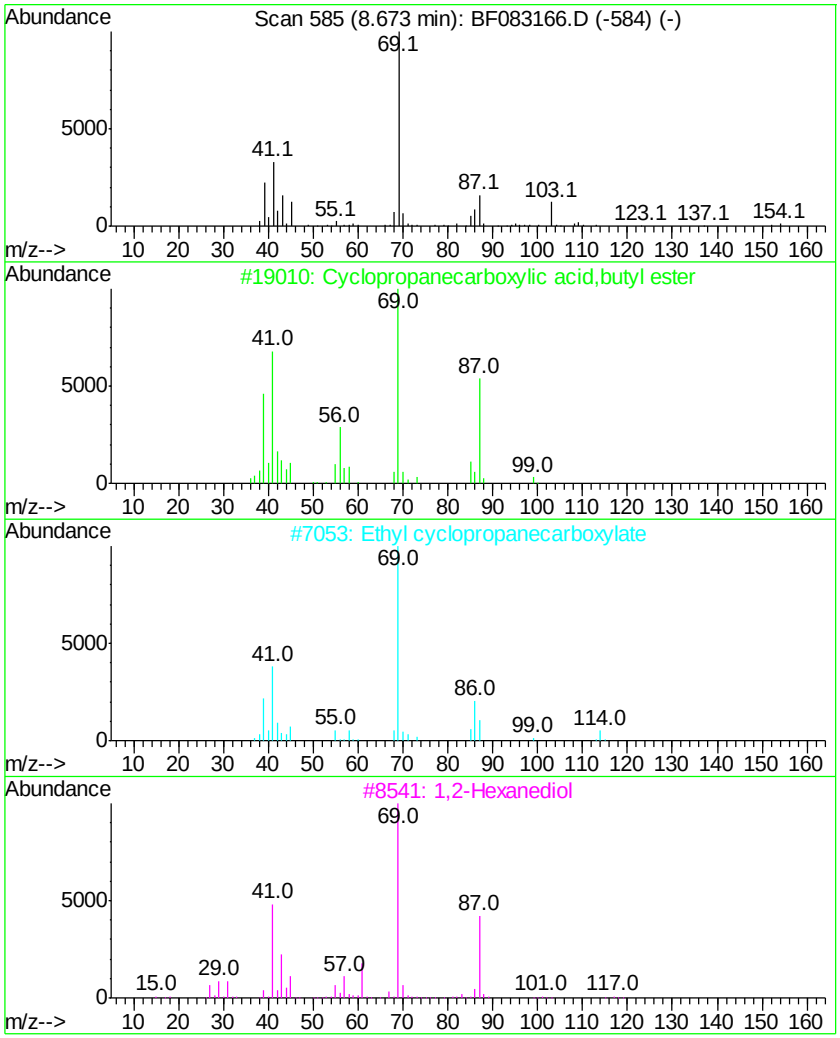
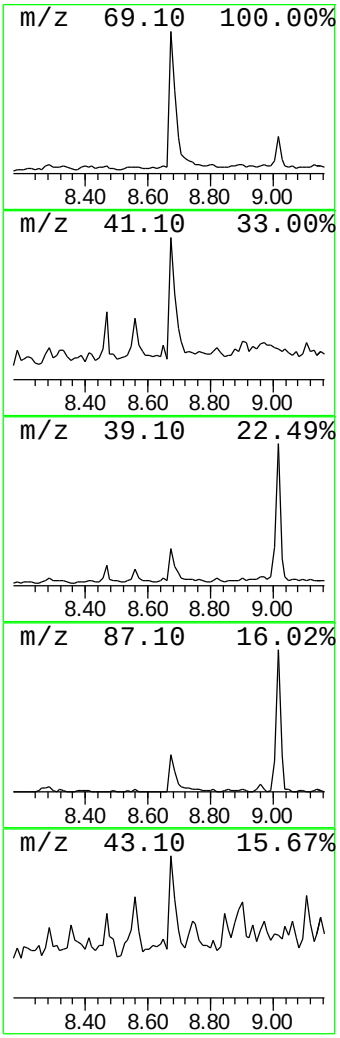
Peak Number 6 Cyclopropanecarboxylic acid... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	2.46 ng	195780	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxylic acid,butv...	142	C8H14O2	054947-39-6	59
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	50
3	1,2-Hexanediol	118	C6H14O2	006920-22-5	38
4	Cyclopropanecarboxylic acid,isob...	142	C8H14O2	064969-79-5	38
5	3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	9





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Operator : UM/IZ
Sample : G4455-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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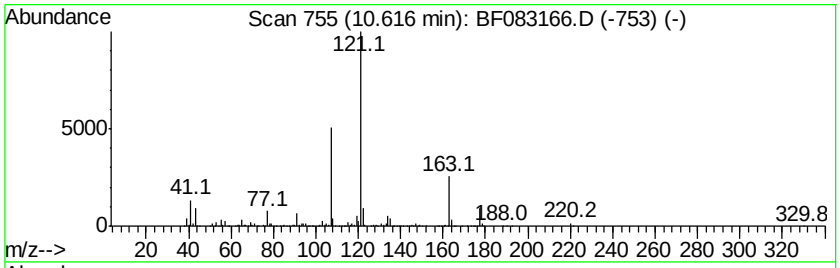
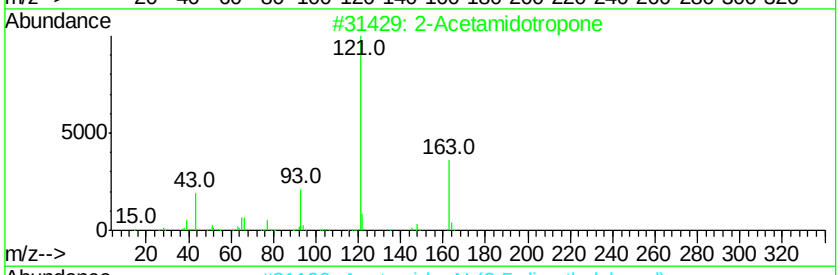
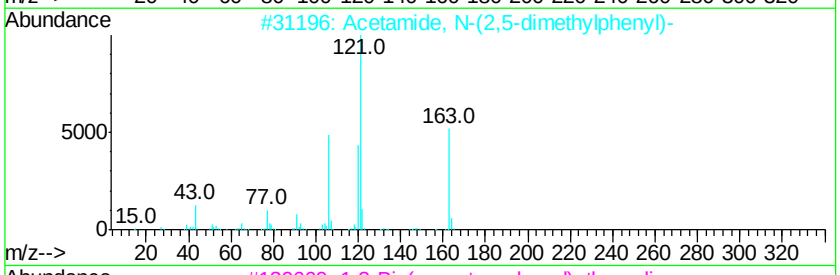
Peak Number 7 unknown10.62 Concentration Rank 12

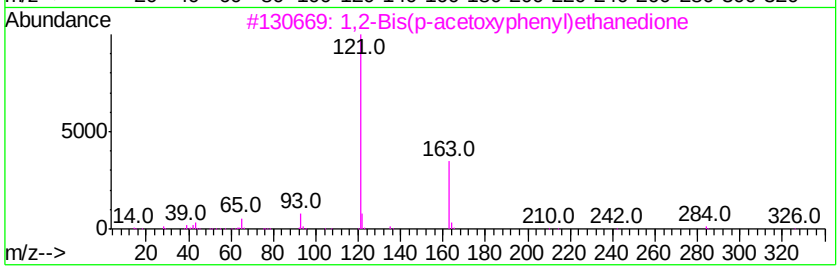
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	8.84 ng	762012	Phenanthrene-d10	11.16

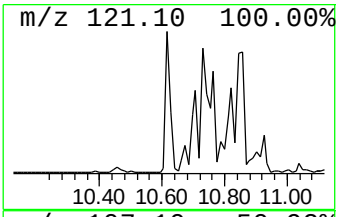
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetamidotropone	163	C9H9NO2	006422-12-4	49
2	Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	49
3	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	47
4	p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43
5	N-Allyl-p-hydroxybenzamide	177	C10H11NO2	090921-72-5	38

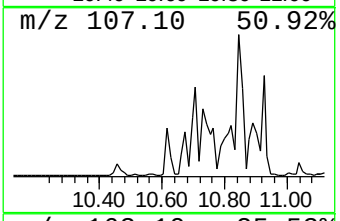


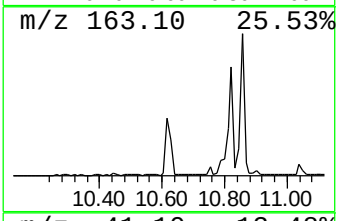


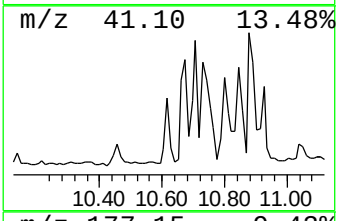


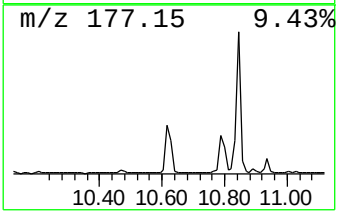












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Acq On : 22 Nov 2015 18:44
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Misc :
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

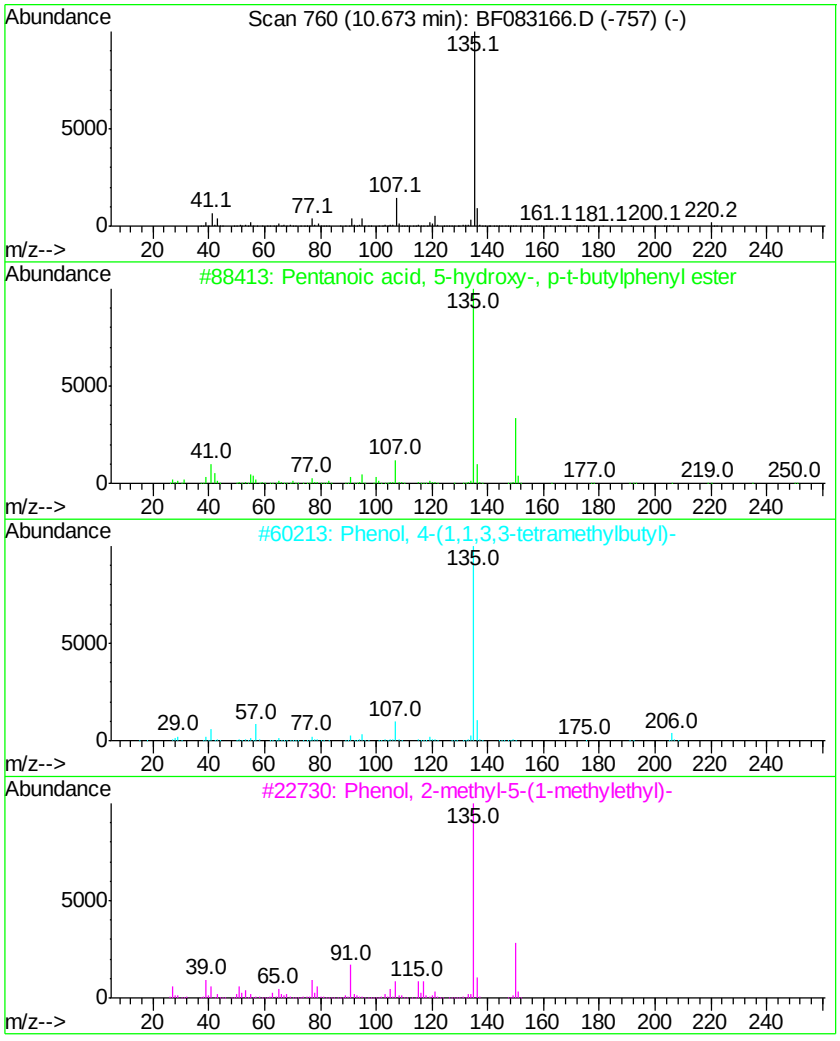
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

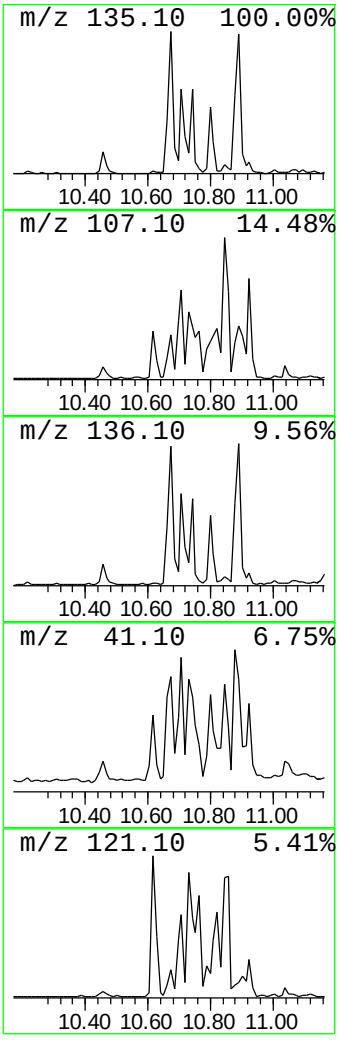
****

Peak Number 8 Pentanoic acid, 5-hydroxy-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	17.51 ng	1508680	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	78
4	1-n-Hexyladamantane	220	C16H28	022458-75-9	64
5	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64





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Acq On : 22 Nov 2015 18:44
Operator : UM/IZ
Sample : G4455-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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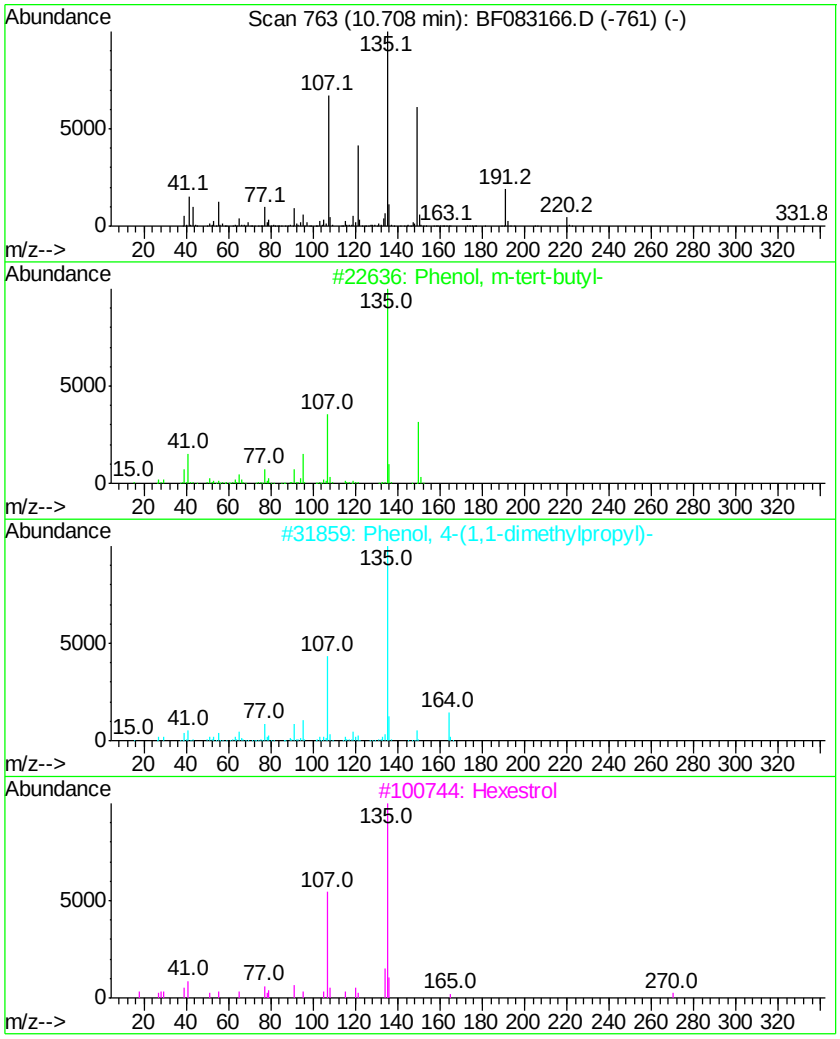
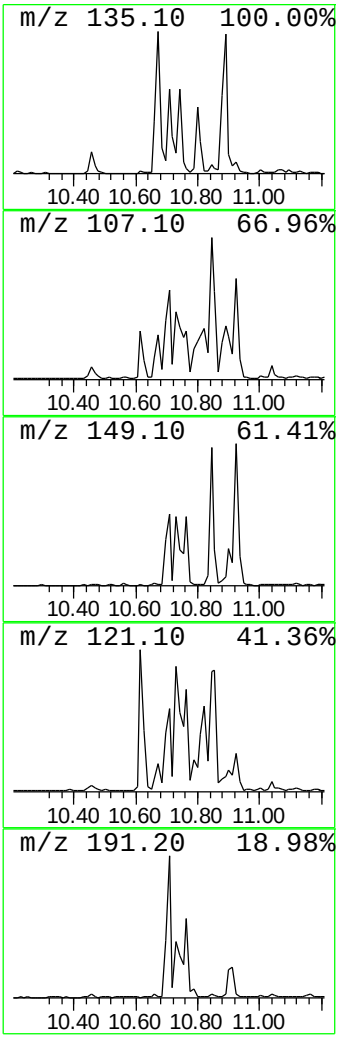
Peak Number 9 Phenol, m-tert-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	22.12 ng	1905870	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	52
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
3	Hexestrol	270	C18H22O2	005635-50-7	47
4	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	47
5	Silane, ethyldimethylphenyl-	164	C10H16Si	017873-23-3	38





Library Search Compound Report

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Sample : G4455-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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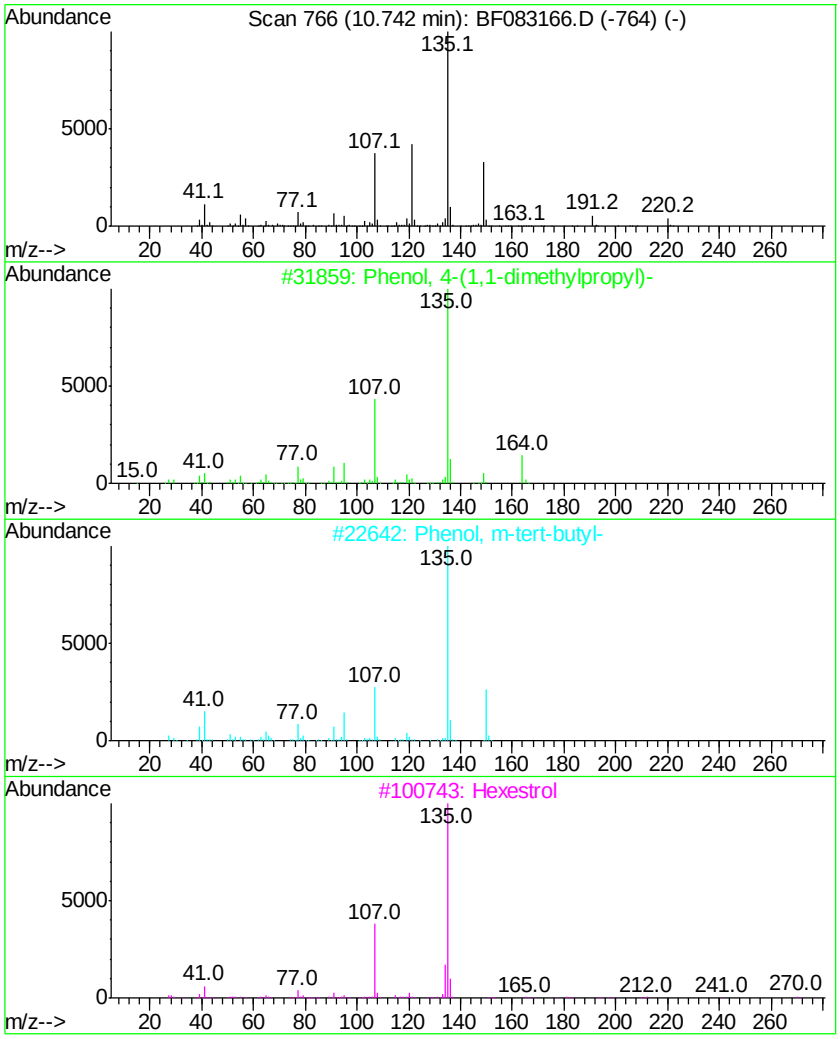
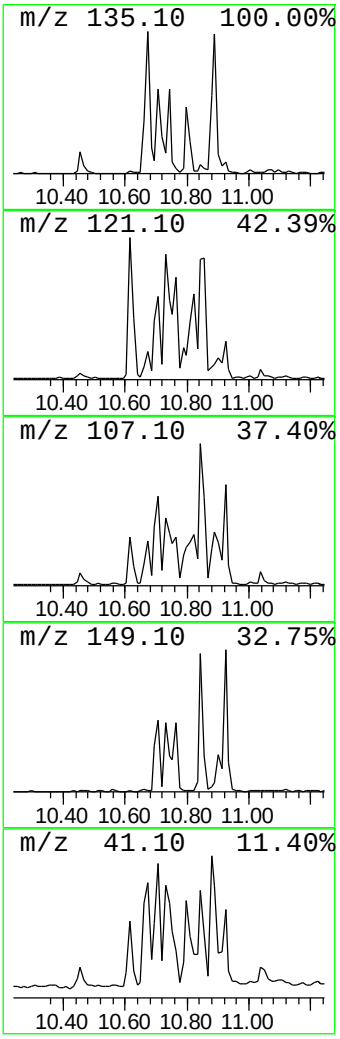
Peak Number 10 Phenol, 4-(1,1-dimethylprop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	29.97 ng	2582760	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	53
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	53
3	Hexestrol	270	C18H22O2	005635-50-7	50
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	50
5	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	50





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Operator : UM/IZ
Sample : G4455-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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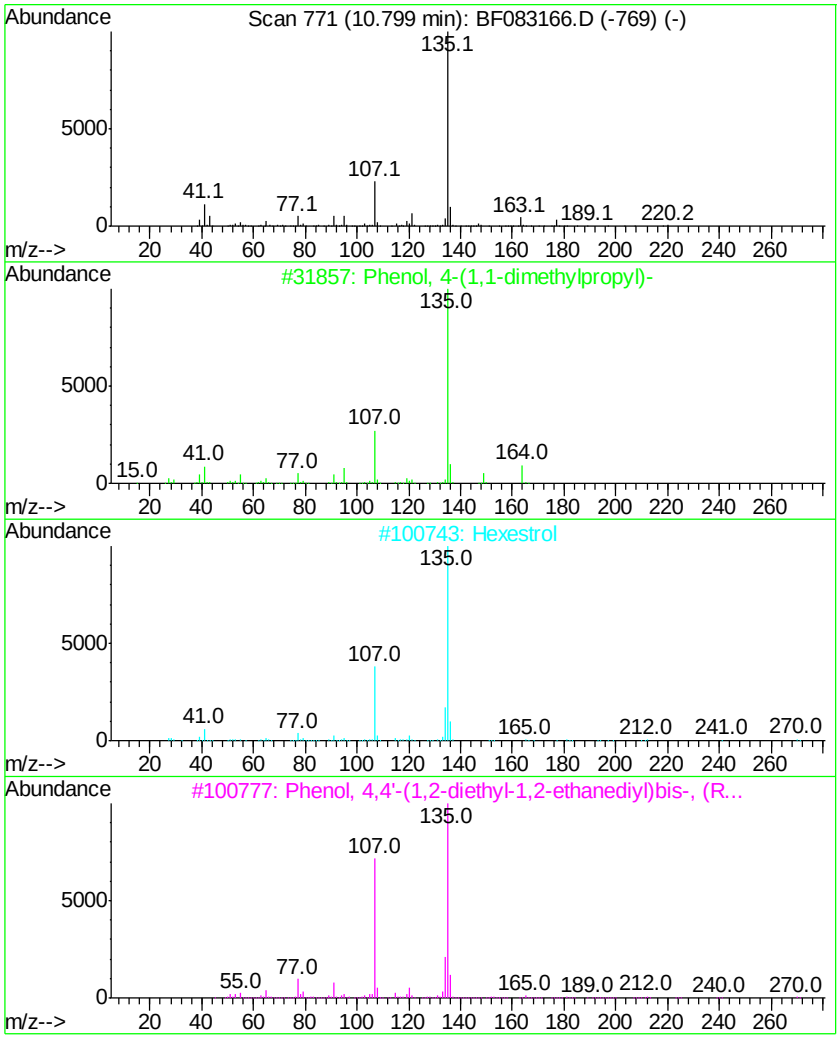
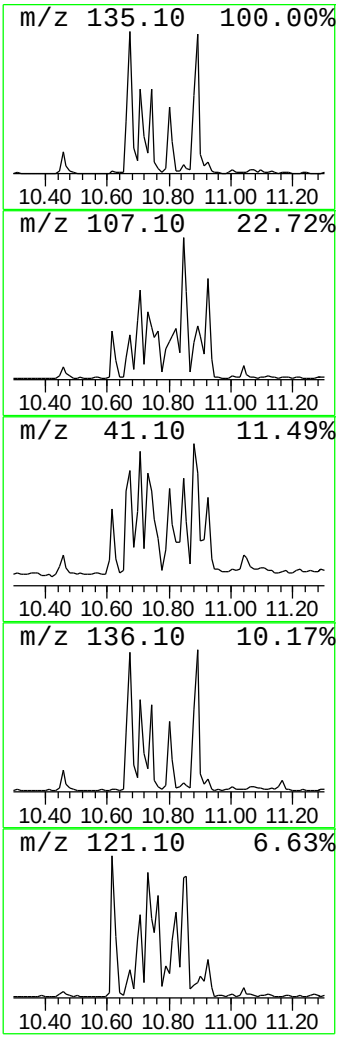
Peak Number 11 Hexestrol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	20.24 ng	1743930	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	Hexestrol	270	C18H22O2	005635-50-7	64
3	Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	64
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	59
5	Benzoic acid, 4-(bromomethyl)-	214	C8H7BrO2	006232-88-8	50





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Sample : G4455-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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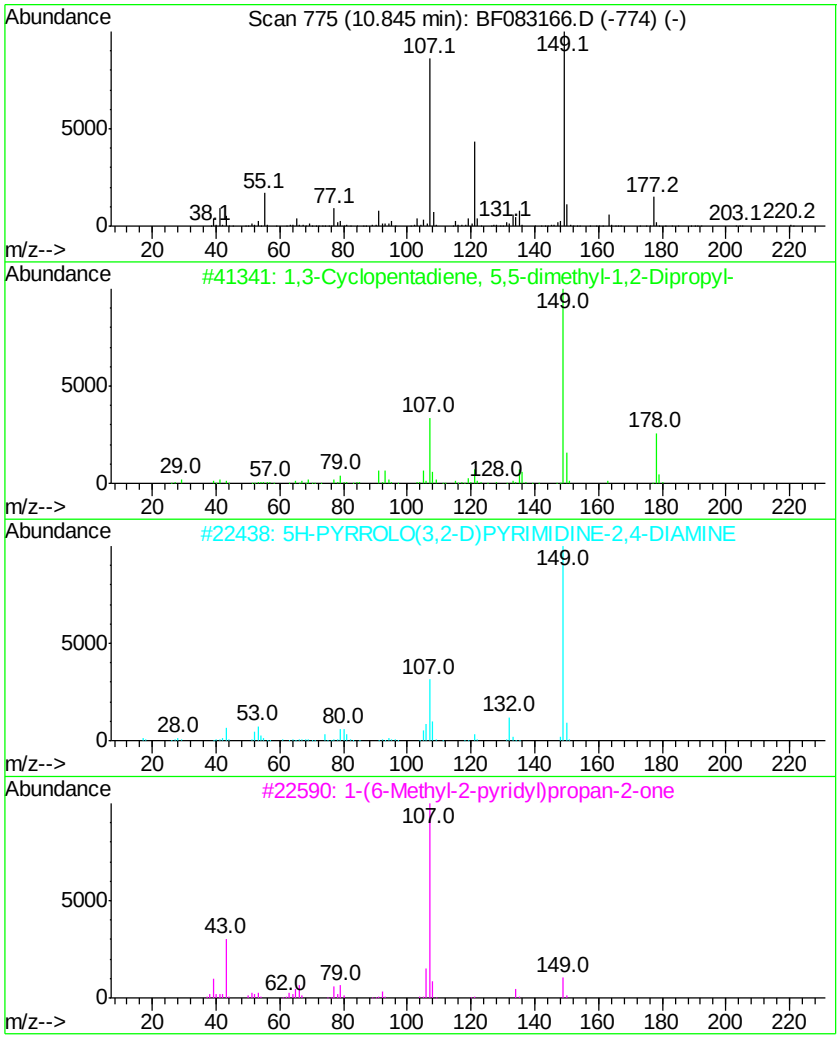
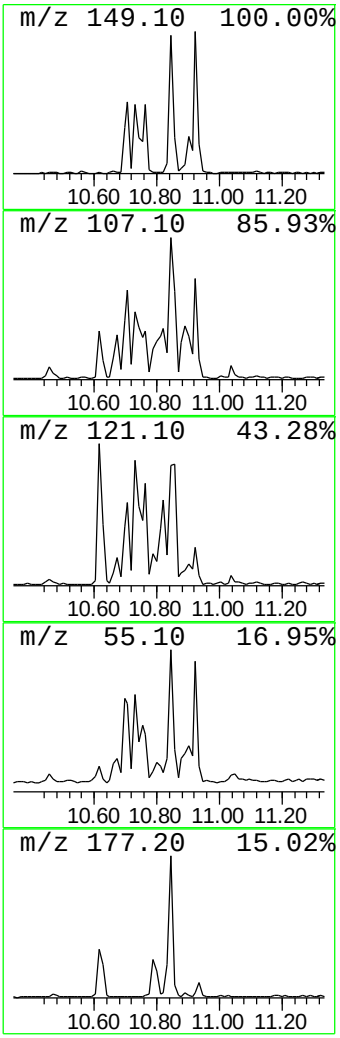
Peak Number 12 1,3-Cyclopentadiene, 5,5-di... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	21.69 ng	1869440	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	64
2	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	64
3	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	64
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
5	Benzoic acid, 4-(2,4-dichlorophe...	310	C15H12Cl2O3	1000294-38-1	43





Library Search Compound Report

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Sample : G4455-04
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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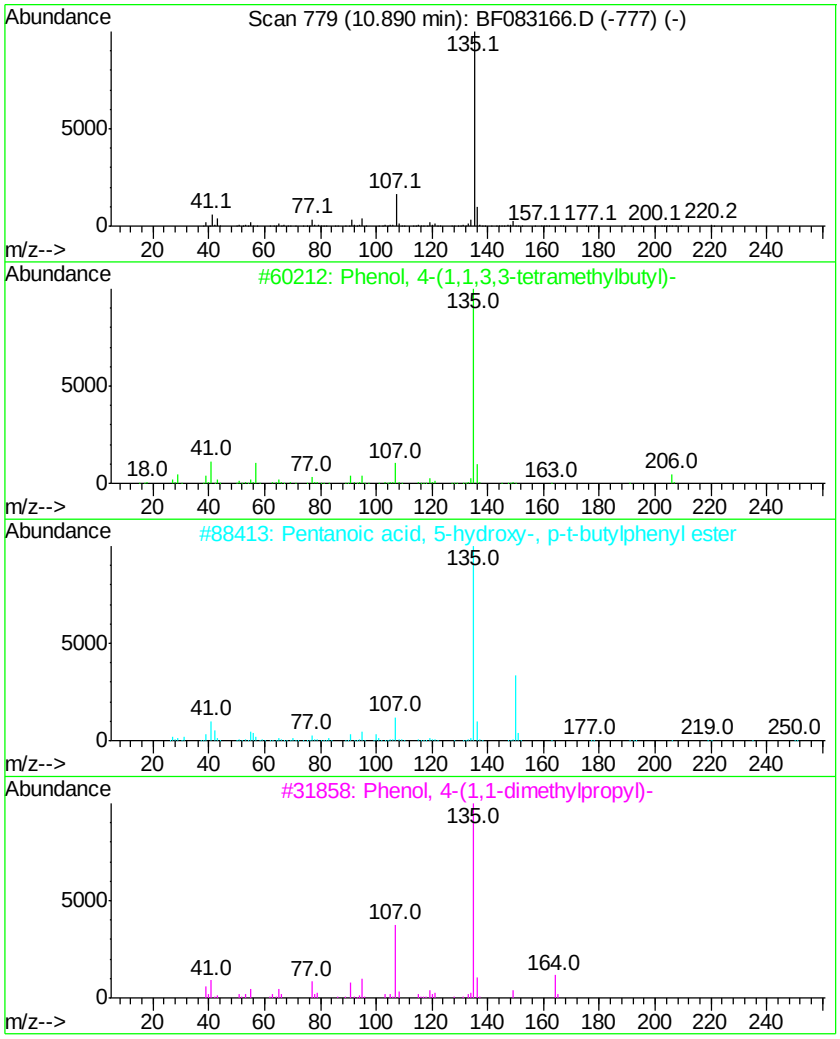
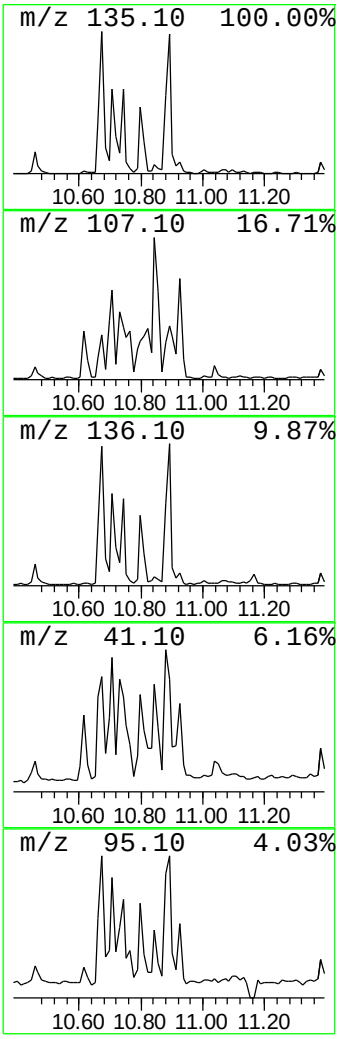
Peak Number 13 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	24.42 ng	2104270	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
4	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	56
5	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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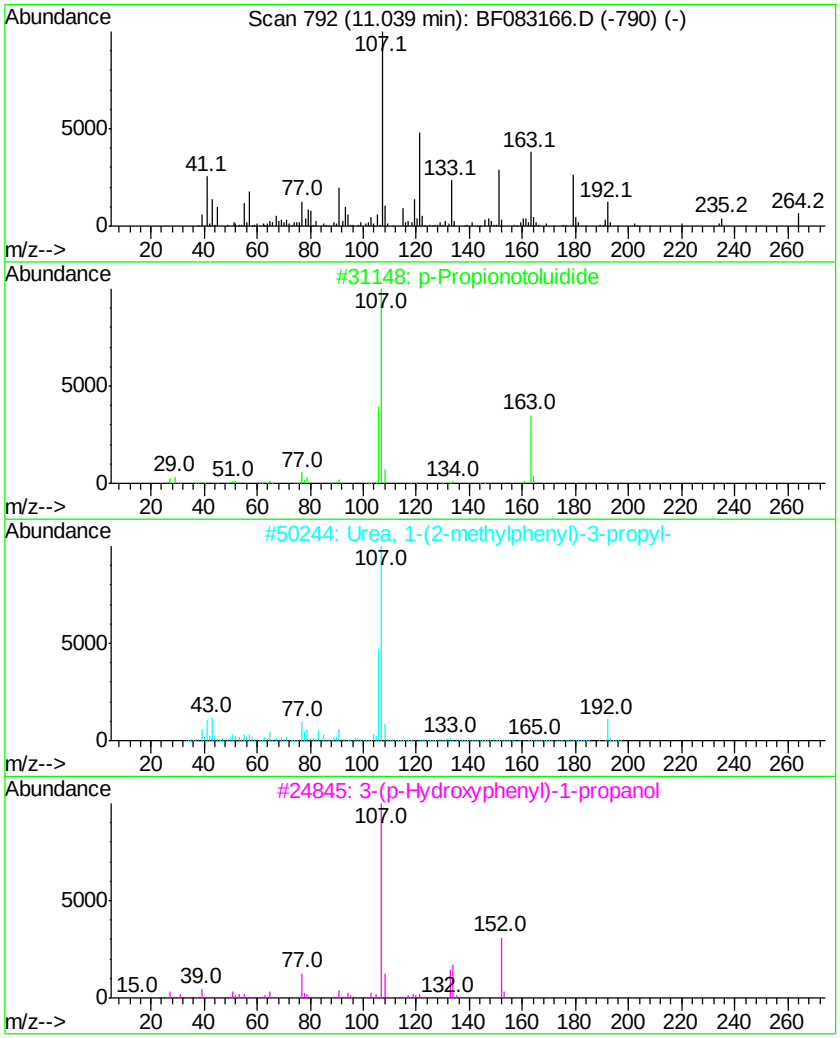
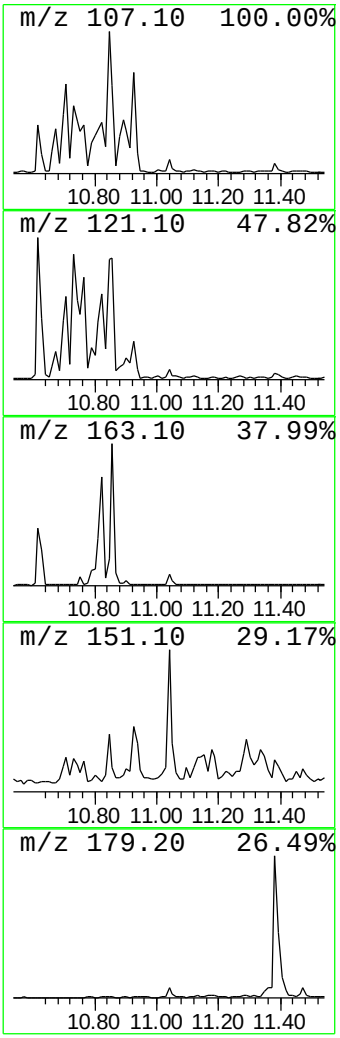
Peak Number 15 unknown11.04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	2.86 ng	246344	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Propionotoluidide	163	C10H13NO	002759-55-9	38
2	Urea, 1-(2-methylphenyl)-3-propyl-	192	C11H16N2O	013143-12-9	38
3	3-(p-Hydroxyphenyl)-1-propanol	152	C9H12O2	010210-17-0	35
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	30
5	Phenol, 4-pentyl-	164	C11H16O	014938-35-3	30





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Operator : UM/IZ
Sample : G4455-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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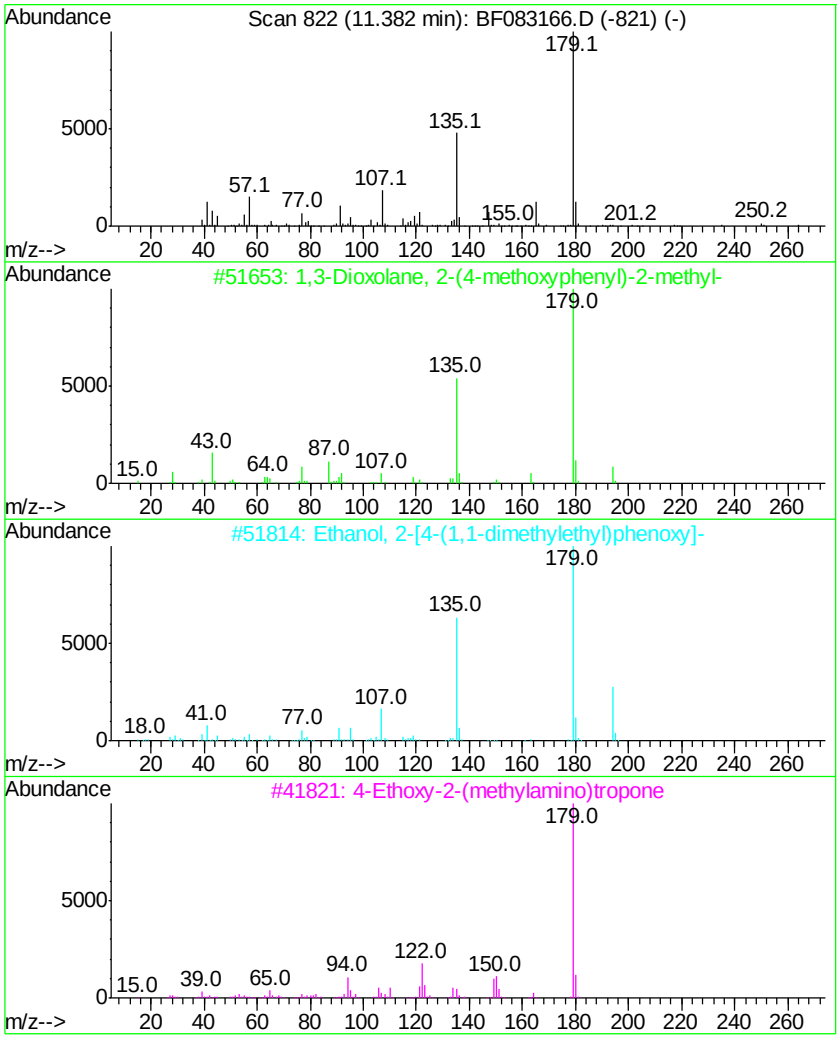
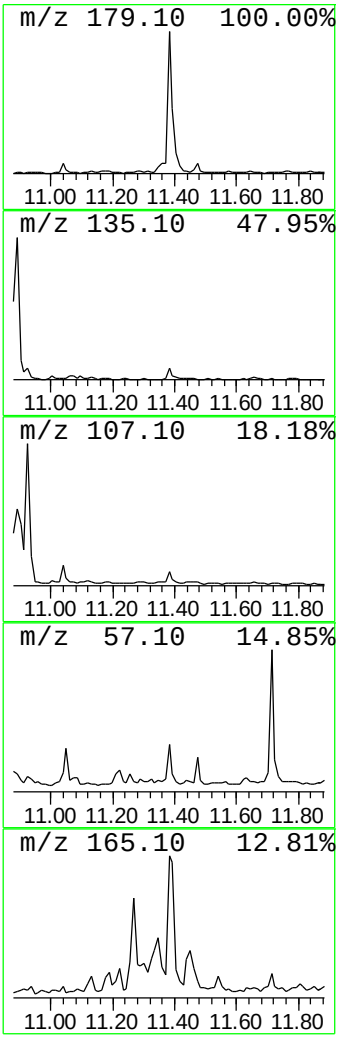
Peak Number 16 1,3-Dioxolane, 2-(4-methoxy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	4.99 ng	429608	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(4-methoxyphenyl...	194	C11H14O3	036881-00-2	72
2	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	56
3	4-Ethoxy-2-(methylamino)tropone	179	C10H13NO2	1000241-45-1	47
4	Isoxazole, 3,4-dimethyl-5-(2-thi...	179	C9H9NOS	056421-65-9	43
5	2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	063335-66-0	38





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Instrument : BNA_F
ClientSampleId : MW-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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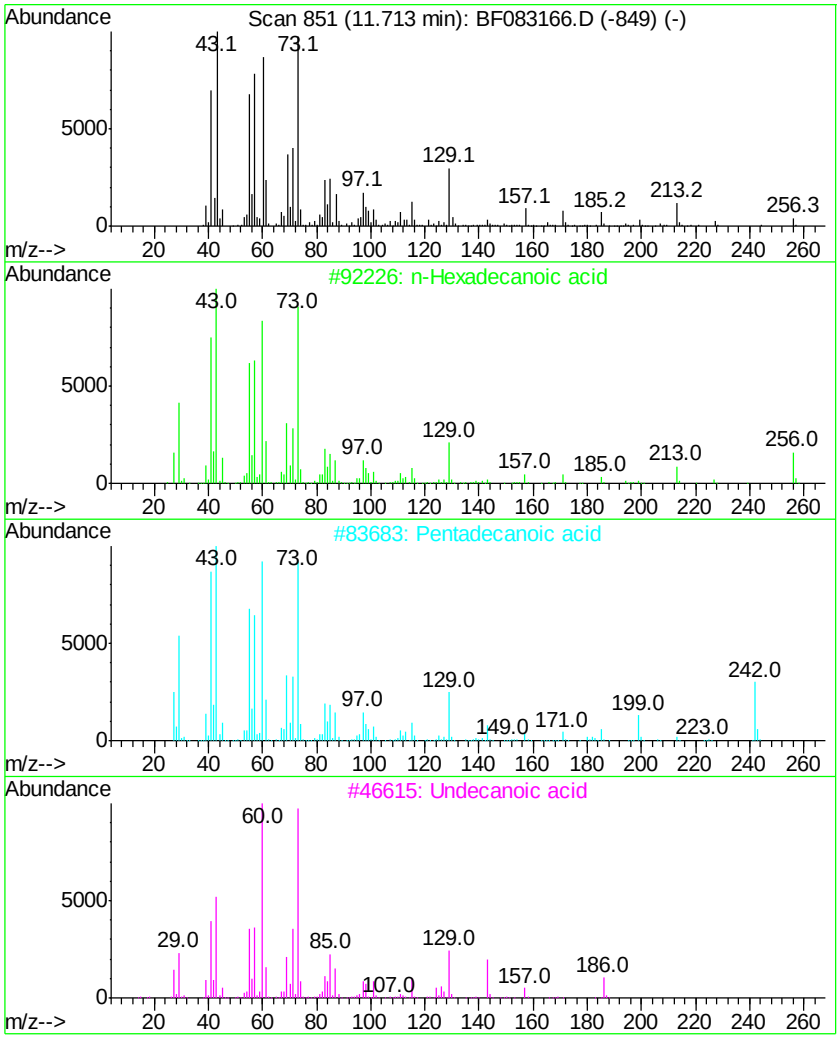
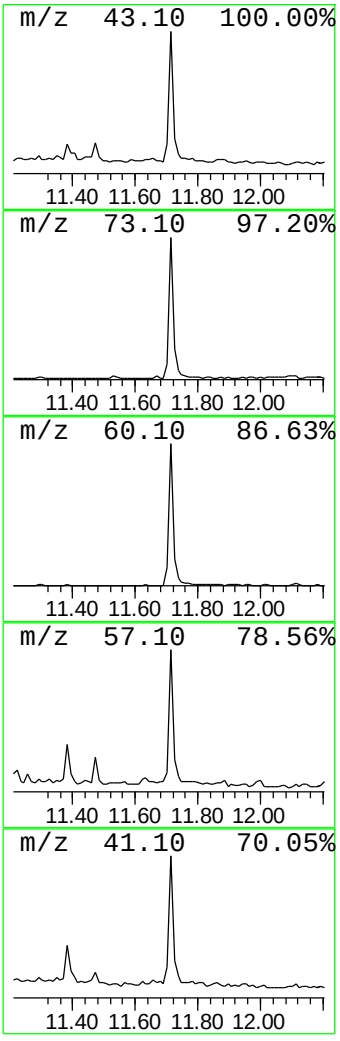
Peak Number 17 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	8.85 ng	763024	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Undecanoic acid	186	C11H22O2	000112-37-8	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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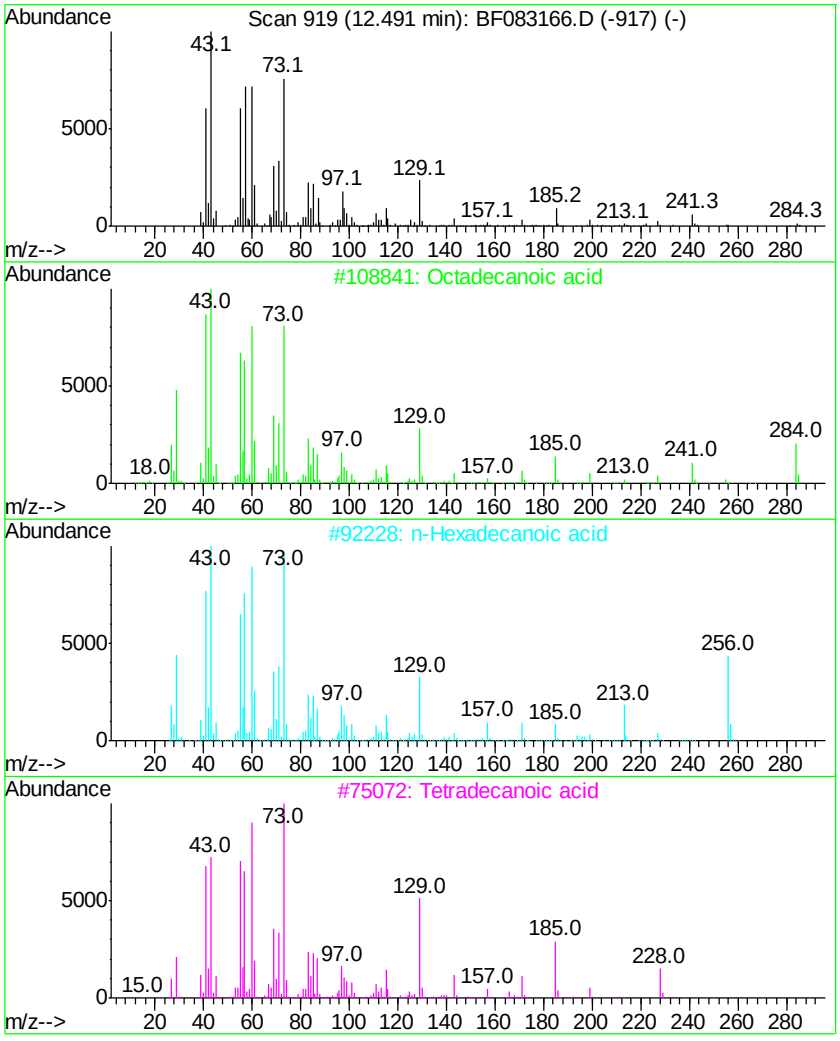
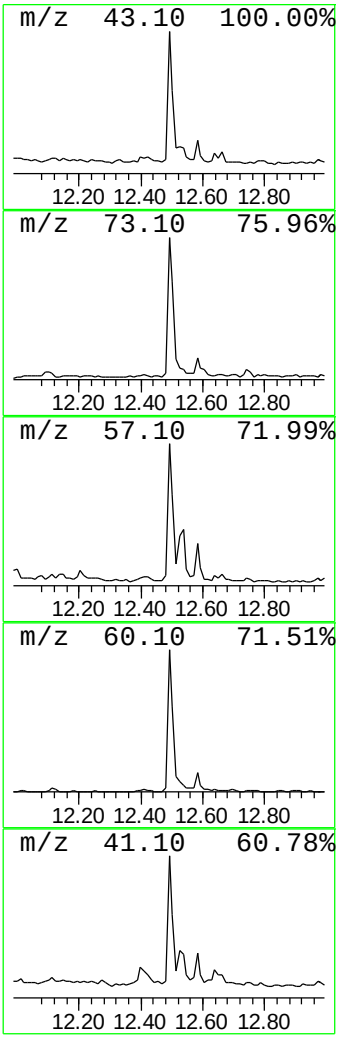
Peak Number 18 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	8.52 ng	654895	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Misc :
ALS Vial : 54 Sample Multiplier: 1

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ClientSampleId : MW-15

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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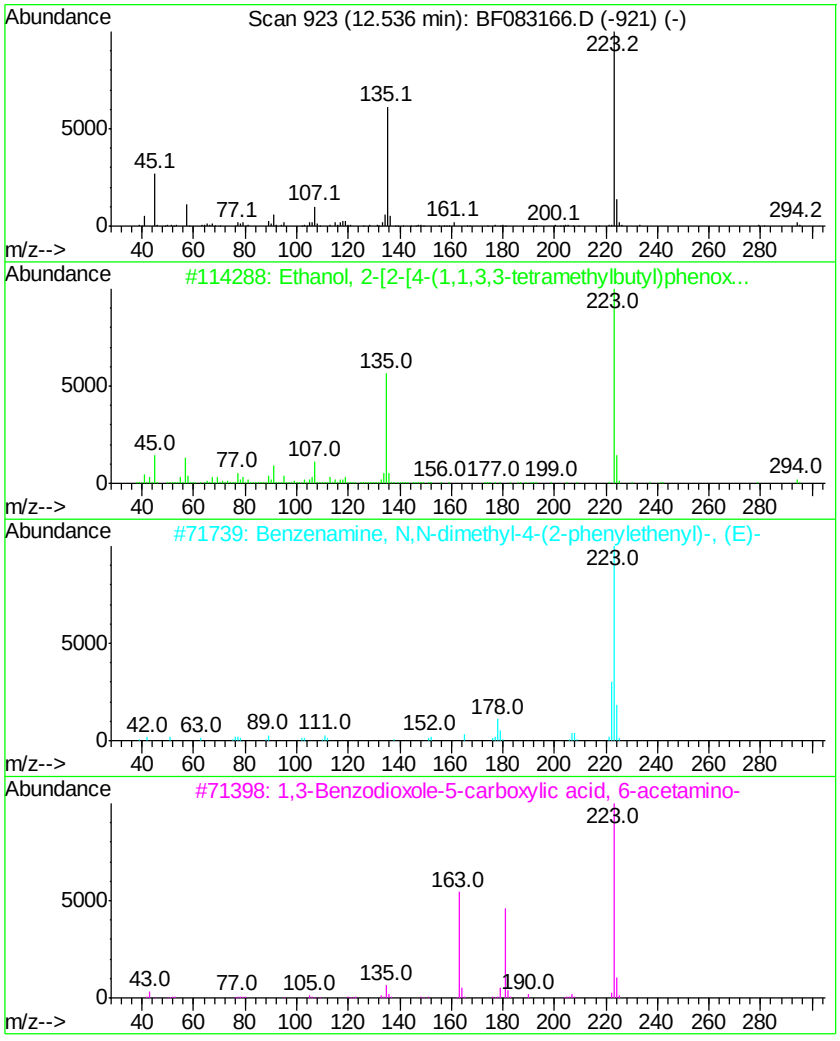
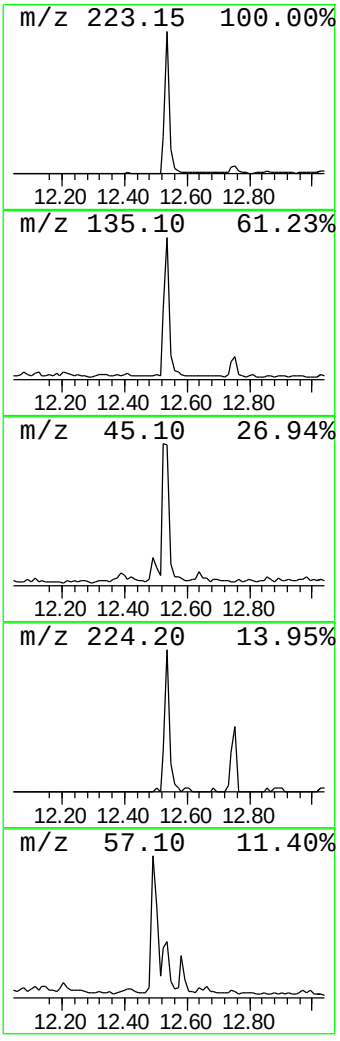
Peak Number 19 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	4.94 ng	379370	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	70
2	Benzenamine, N,N-dimethyl-4-(2-p...	223	C16H17N	000838-95-9	38
3	1,3-Benzodioxole-5-carboxylic ac...	223	C10H9NO5	099185-29-2	38
4	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	35
5	Imidazolidine, 1,3-diphenyl-2-pr...	266	C18H22N2	055320-82-6	32





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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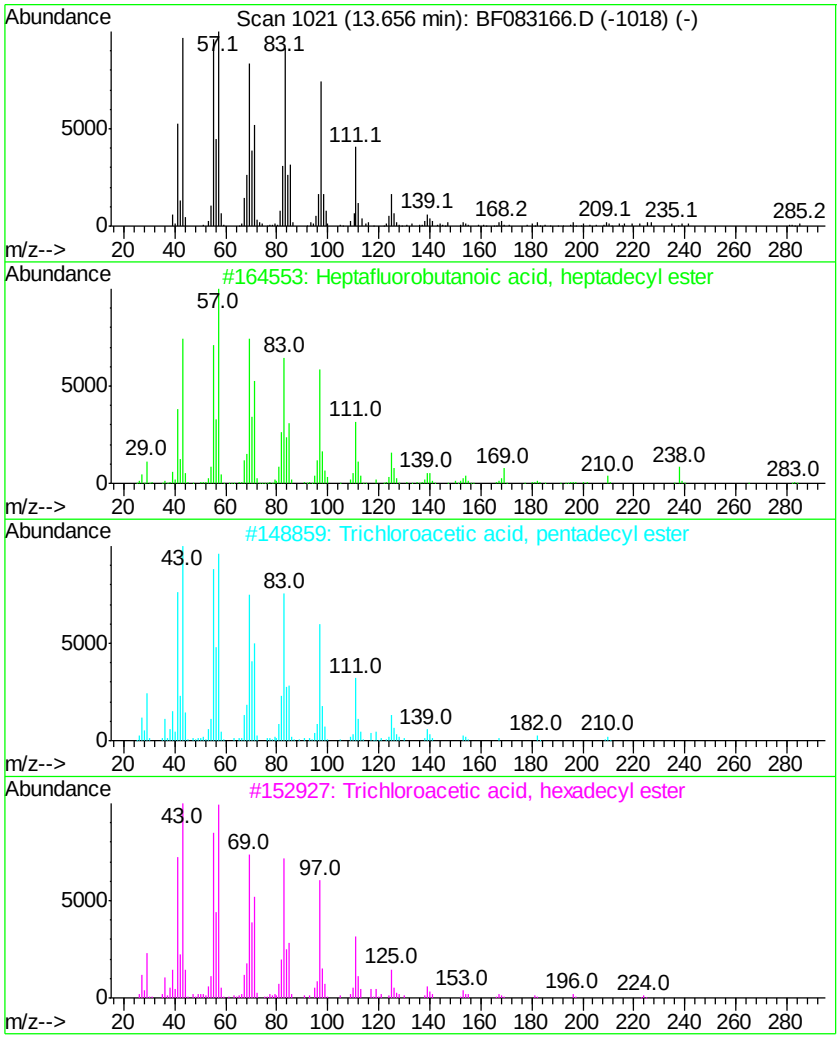
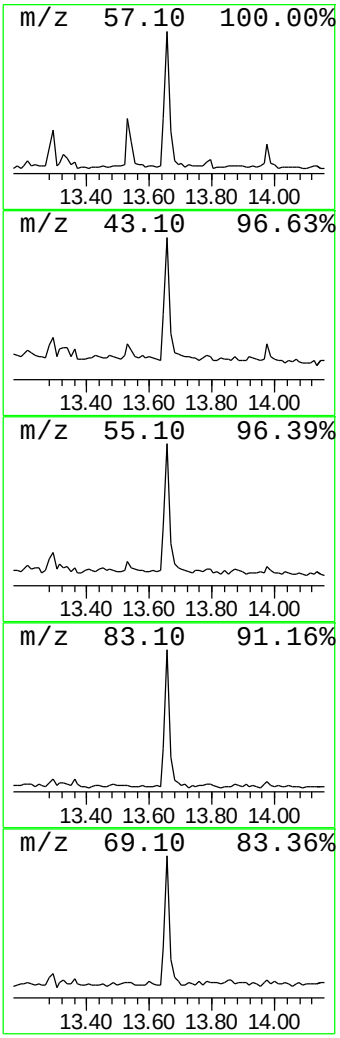
Peak Number 20 Heptafluorobutanoic acid, h... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	4.32 ng	331964	Chrysene-d12	13.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112215\
Data File : BF083166.D
Acq On : 22 Nov 2015 18:44
Operator : UM/IZ
Sample : G4455-04
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.79	19.1	ng	1151410	1	6.65	1204530	20.0
unknown6.42	6.42	77.4	ng	4663620	1	6.65	1204530	20.0
Benzene, 1-methyl...	6.73	7.7	ng	464777	1	6.65	1204530	20.0
Benzenemethanol, ...	8.56	3.4	ng	266017	2	7.94	1590530	20.0
Cyclopropanecarbo...	8.67	2.5	ng	195780	2	7.94	1590530	20.0
unknown10.62	10.62	8.8	ng	762012	4	11.16	1723390	20.0
Pentanoic acid, 5...	10.67	17.5	ng	1508680	4	11.16	1723390	20.0
Phenol, m-tert-bu...	10.71	22.1	ng	1905870	4	11.16	1723390	20.0
Phenol, 4-(1,1-di...	10.74	30.0	ng	2582760	4	11.16	1723390	20.0
Hexestrol	10.80	20.2	ng	1743930	4	11.16	1723390	20.0
1,3-Cyclopentadie...	10.84	21.7	ng	1869440	4	11.16	1723390	20.0
Phenol, 4-(1,1,3,...	10.89	24.4	ng	2104270	4	11.16	1723390	20.0
unknown11.04	11.04	2.9	ng	246344	4	11.16	1723390	20.0
1,3-Dioxolane, 2-...	11.38	5.0	ng	429608	4	11.16	1723390	20.0
n-Hexadecanoic acid	11.71	8.8	ng	763024	4	11.16	1723390	20.0
Octadecanoic acid	12.49	8.5	ng	654895	5	13.78	1536580	20.0
Ethanol, 2-[2-[4-...	12.54	4.9	ng	379370	5	13.78	1536580	20.0
Heptafluorobutano...	13.66	4.3	ng	331964	5	13.78	1536580	20.0