LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079583.D
Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

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-BF052615.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	1.553	31	32	40	rVV	612484	1007261	11.65%	2.649%
2	1.655	40	41	81	rVB	3456106	8643675	100.00%	22.732%
3	4.661	303	304	314	rVB	52462	99414	1.15%	0.261%
4	5.221	351	353	363	rBV	1410941	1732039	20.04%	4.555%
5	6.022	421	423	425	rBV	420713	506658	5.86%	1.332%
6	6.547	466	469	477	rBV	1673984	1877392	21.72%	4.937%
7	6.662	477	479	482	rBV	1880744	1877537	21.72%	4.938%
8	6.947	502	504	507	rBV	556213	527968	6.11%	1.389%
9	7.130	518	520	523	rBV	1338446	1409986	16.31%	3.708%
10	7.656	563	566	568	rBV	847089	1126473	13.03%	2.963%
11	8.525	640	642	646	rVV	806367	917020	10.61%	2.412%
12	8.582	646	647	652	rVB	180488	182864	2.12%	0.481%
13	9.416	717	720	722	rBV	112984	113147	1.31%	0.298%
14	9.530	728	730	734	rVB	111945	108104	1.25%	0.284%
15	9.873	758	760	763	rBV	2547714	2366668	27.38%	6.224%
16	10.388	802	805	807	rVV	383961	355183	4.11%	0.934%
17	10.696	829	832	833	rBV	631604	889472	10.29%	2.339%
18	10.731	833	835	837	rVB	169045	149382	1.73%	0.393%
19	11.371	889	891	894	rVB	129803	128109	1.48%	0.337%
20	11.668	915	917	920	rVV	1374695	1455822	16.84%	3.829%
21	12.525	989	992	993	rBV	874275	876528	10.14%	2.305%
22	12.548	993	994	997	rVV	394122	420537	4.87%	1.106%
23	12.616	997	1000	1003	rVB	123327	141363	1.64%	0.372%
24	13.279	1052	1058	1060	rBV4	137464	258383	2.99%	0.680%
25	13.474	1071	1075	1077	rBV2	50689	120760	1.40%	0.318%
26	13.519	1077	1079	1082	rVB2	213889	240040	2.78%	0.631%
27	13.588	1082	1085	1087	rBV	192952	211894	2.45%	0.557%
28	13.714	1093	1096	1100	rVB	420668	457574	5.29%	1.203%
29	13.817	1100	1105	1108	rBV2	113165	197415	2.28%	0.519%
30	13.908	1111	1113	1115	rVB	115349	139543	1.61%	0.367%
31	14.022	1121	1123	1125	rVB	234064	223990	2.59%	0.589%
32	14.102	1127	1130	1132	rVV	1057927	1351145	15.63%	3.553%
33	14.297	1145	1147	1149	rVV	249239	276308	3.20%	0.727%
34	14.399	1152	1156	1158	rVV	89652	136684	1.58%	0.359%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079583.D
Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

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-BF052615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.468	1160	1162	1164	rVV	90393	132624	1.53%	0.349%
36	14.514	1164	1166	1169	rVV	2124786	2298950	26.60%	6.046%
37	14.674	1177	1180	1183	rVV	1880540	1925317	22.27%	5.063%
38	14.720	1183	1184	1190	rVV3	44781	100455	1.16%	0.264%
39	15.085	1214	1216	1219	rVV	93234	114134	1.32%	0.300%
40	15.154	1219	1222	1225	rVB	391631	441729	5.11%	1.162%
41	15.691	1267	1269	1275	rBV	117402	171549	1.98%	0.451%
42	15.794	1275	1278	1280	rVV	811938	990311	11.46%	2.604%
43	16.937	1376	1378	1381	rBV	88715	106739	1.23%	0.281%
44	17.051	1385	1388	1394	rBV	84168	188507	2.18%	0.496%
45	17.417	1417	1420	1423	rVB	100036	117272	1.36%	0.308%
46	17.474	1423	1425	1428	rBV	628054	800981	9.27%	2.107%
47	18.766	1535	1538	1543	rBV2	43753	108801	1.26%	0.286%

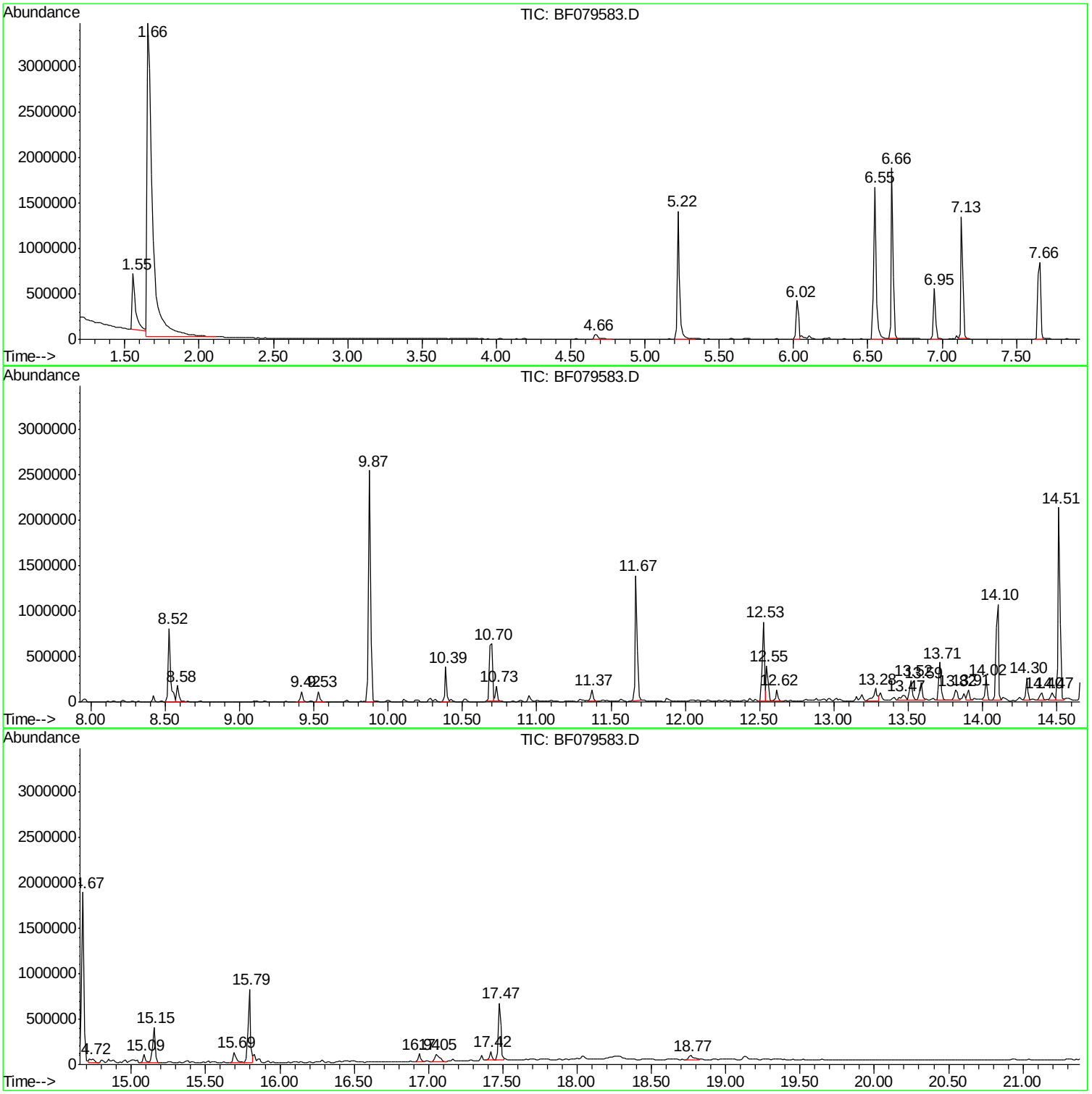
Sum of corrected areas: 38023707

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079583.D
Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079583.D
Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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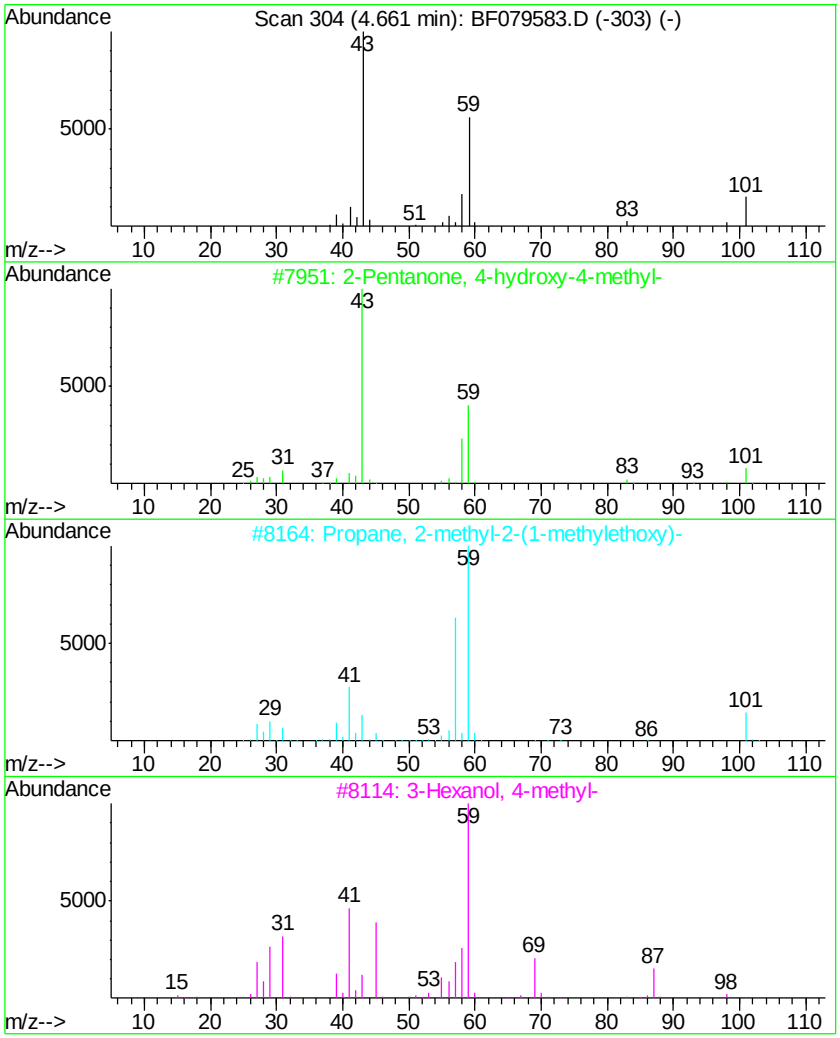
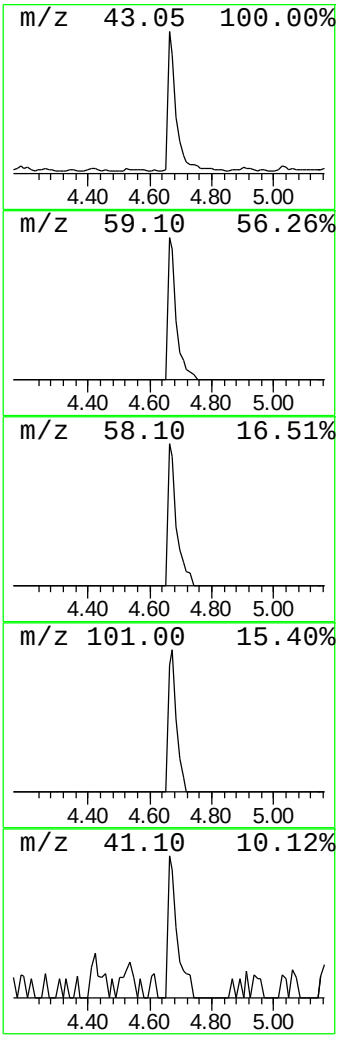
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	3.77 ng	99414	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079583.D
Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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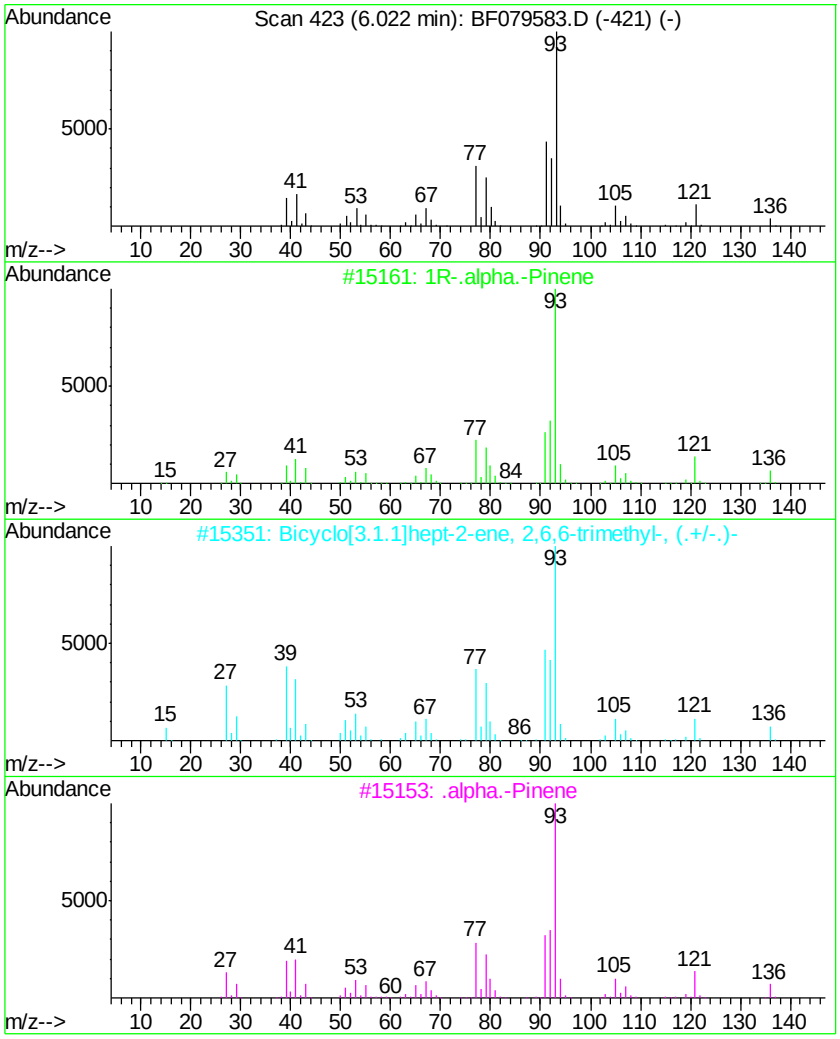
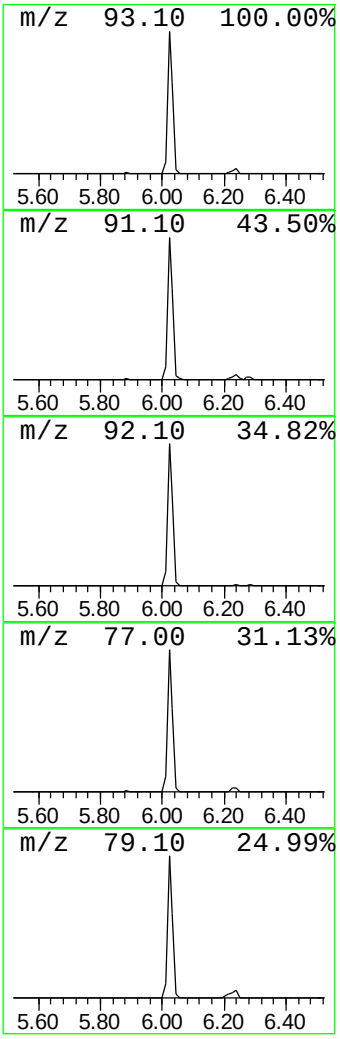
Peak Number 4 1R-.alpha.-Pinene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	19.19 ng	506658	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R-.alpha.-Pinene	136	C10H16	007785-70-8	96
2	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003779-61-1	94
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079583.D
Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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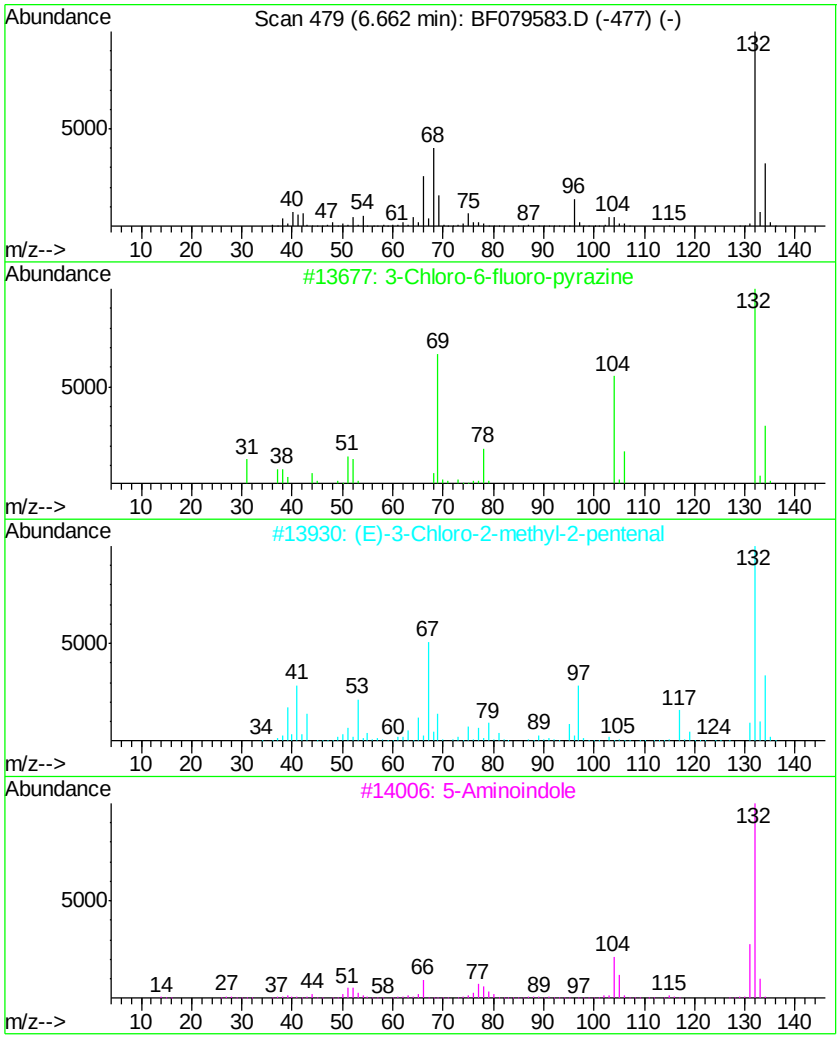
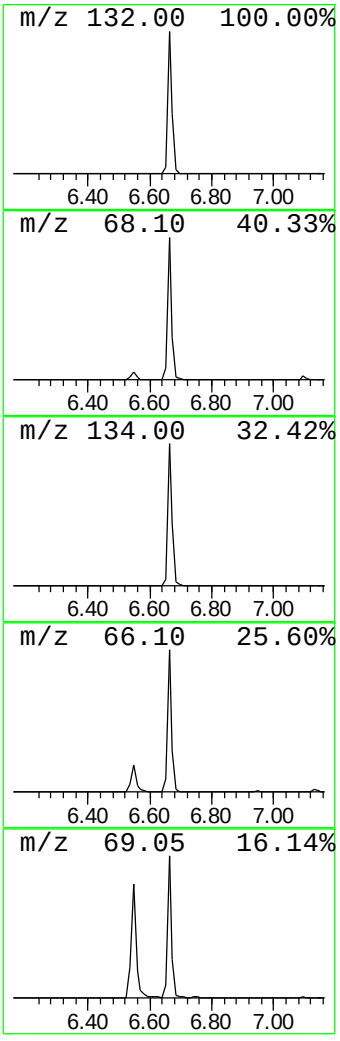
Peak Number 5 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	71.12 ng	1877540	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079583.D
Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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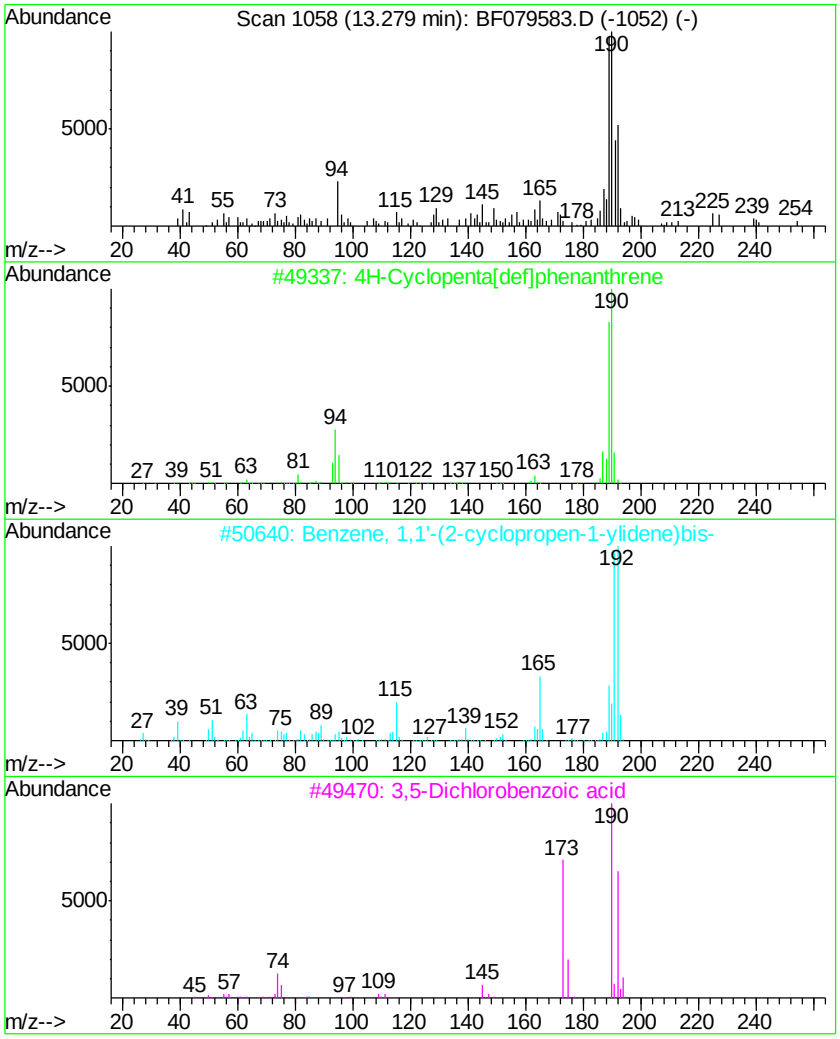
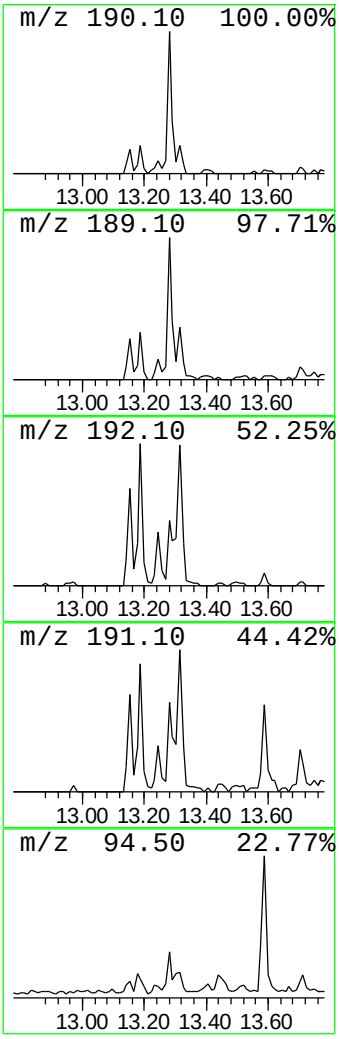
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	5.90 ng	258383	Phenanthrene-d10	12.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	35
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	27
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	20





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079583.D
Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

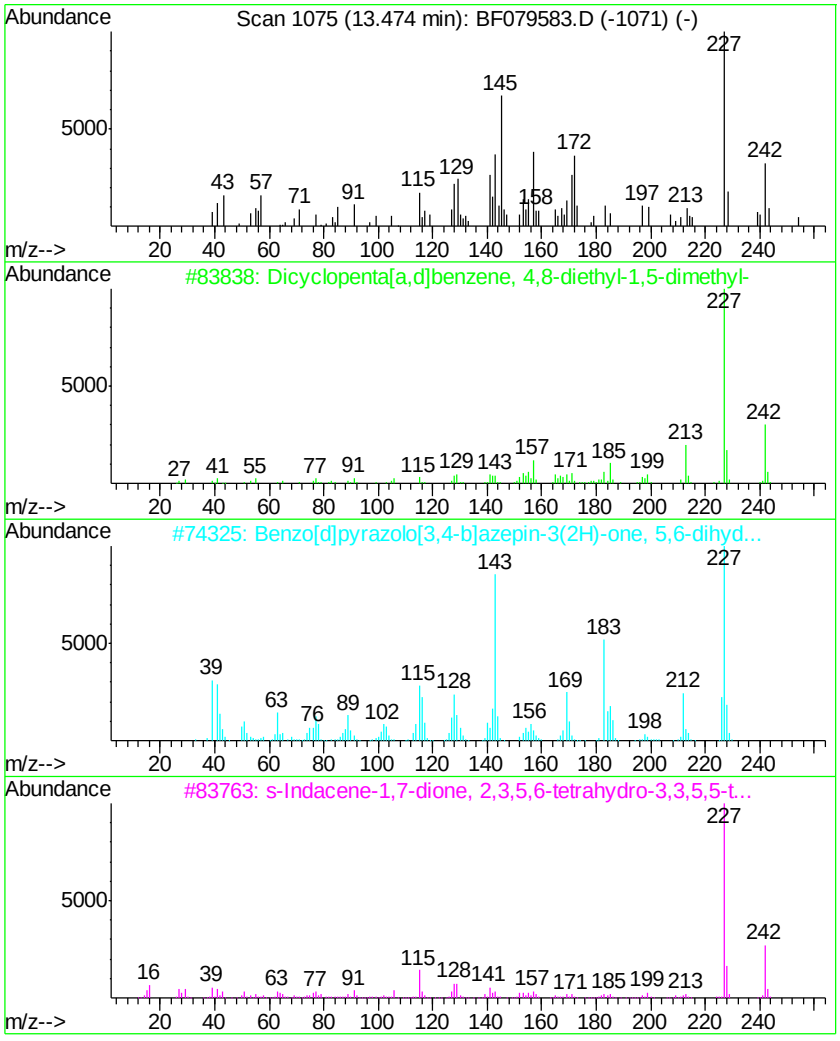
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

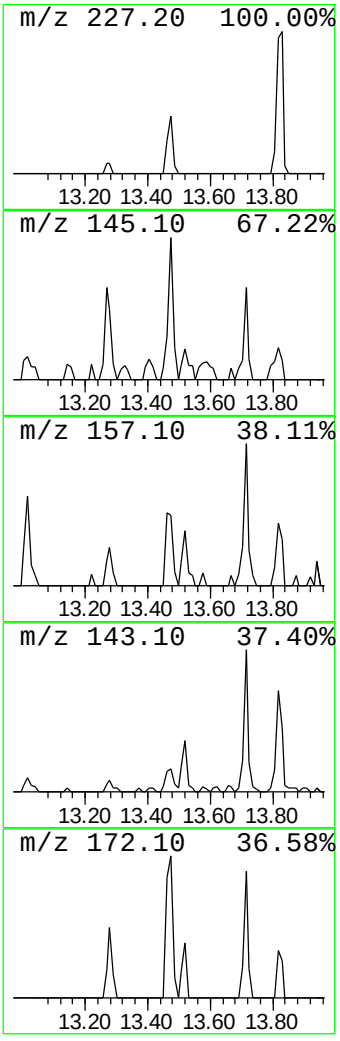
****

Peak Number 8 Dicyclopenta[a,d]benzene, 4... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.76 ng	120760	Phenanthrene-d10	12.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	50
2	Benzo[d]pyrazolo[3,4-b]azepin-3(...	227	C13H13N3O	263550-89-6	30
3	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	27
4	Benzocyclopentene, 4,6,7-triethy...	242	C18H26	1000156-41-5	27
5	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	000084-79-7	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079583.D
Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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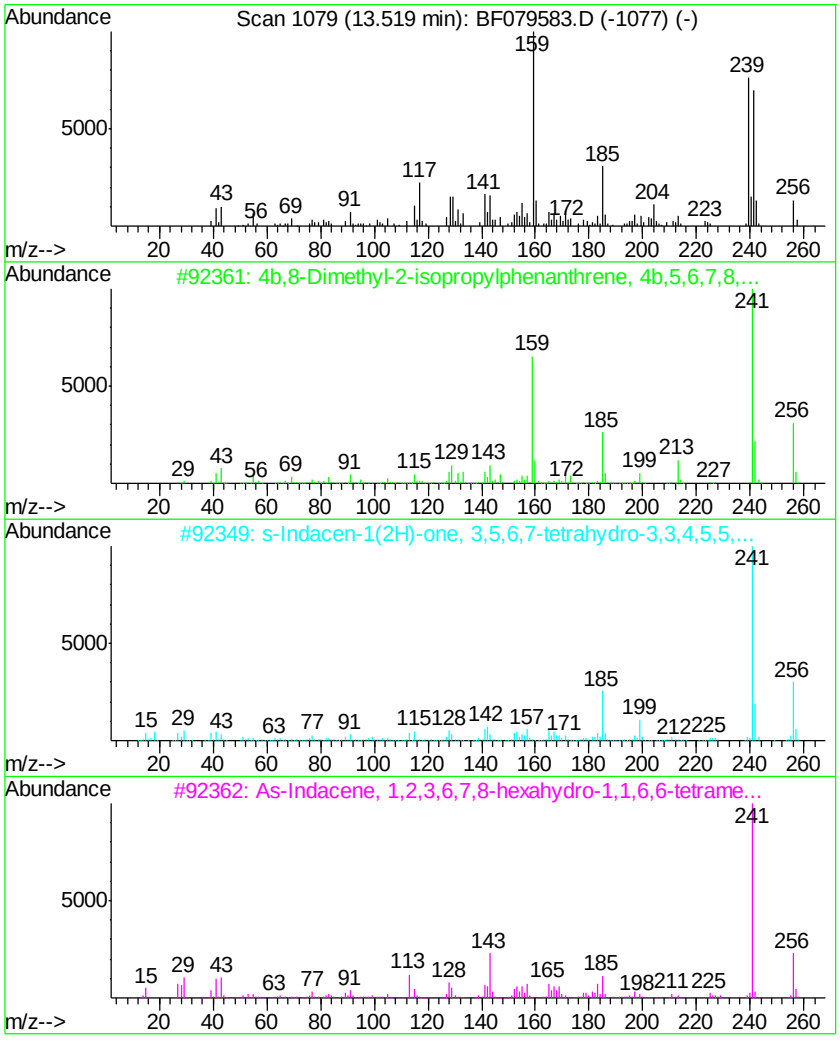
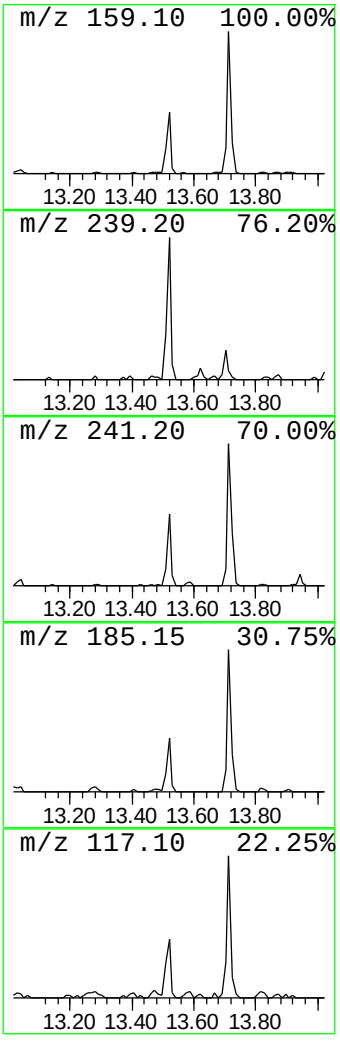
Peak Number 9 4b,8-Dimethyl-2-isopropylph... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	5.48 ng	240040	Phenanthrene-d10	12.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	90
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	60
3	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	56
4	Benzenesulfonamide, 2,4-dichloro...	239	C7H7Cl2NO2S	1000277-29-3	46
5	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	40





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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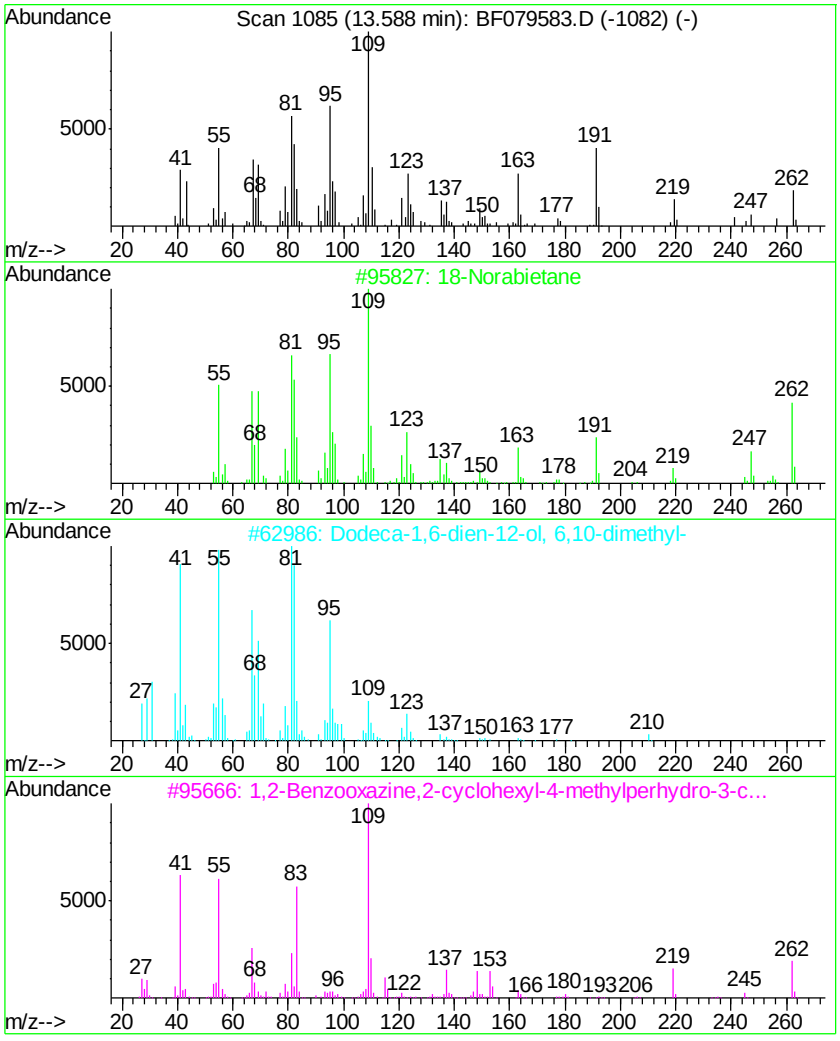
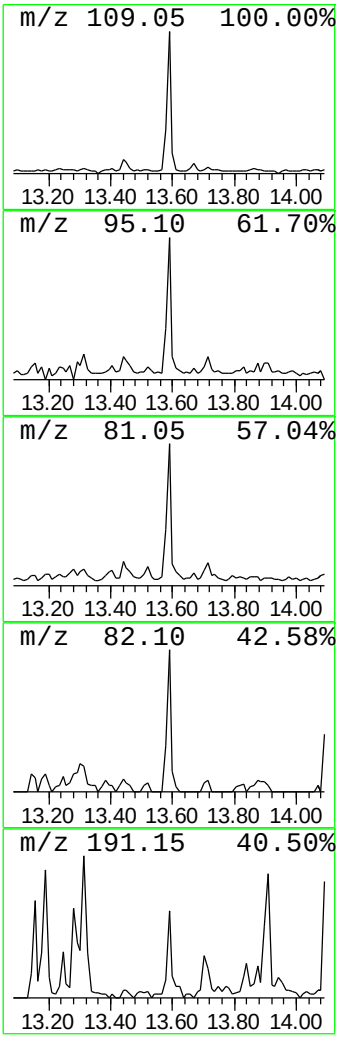
Peak Number 10 18-Norabietane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	4.83 ng	211894	Phenanthrene-d10	12.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	95
2	Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	35
3	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	30
4	9-Octadecyne	250	C18H34	035365-59-4	27
5	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052915\
Data File : BF079583.D
Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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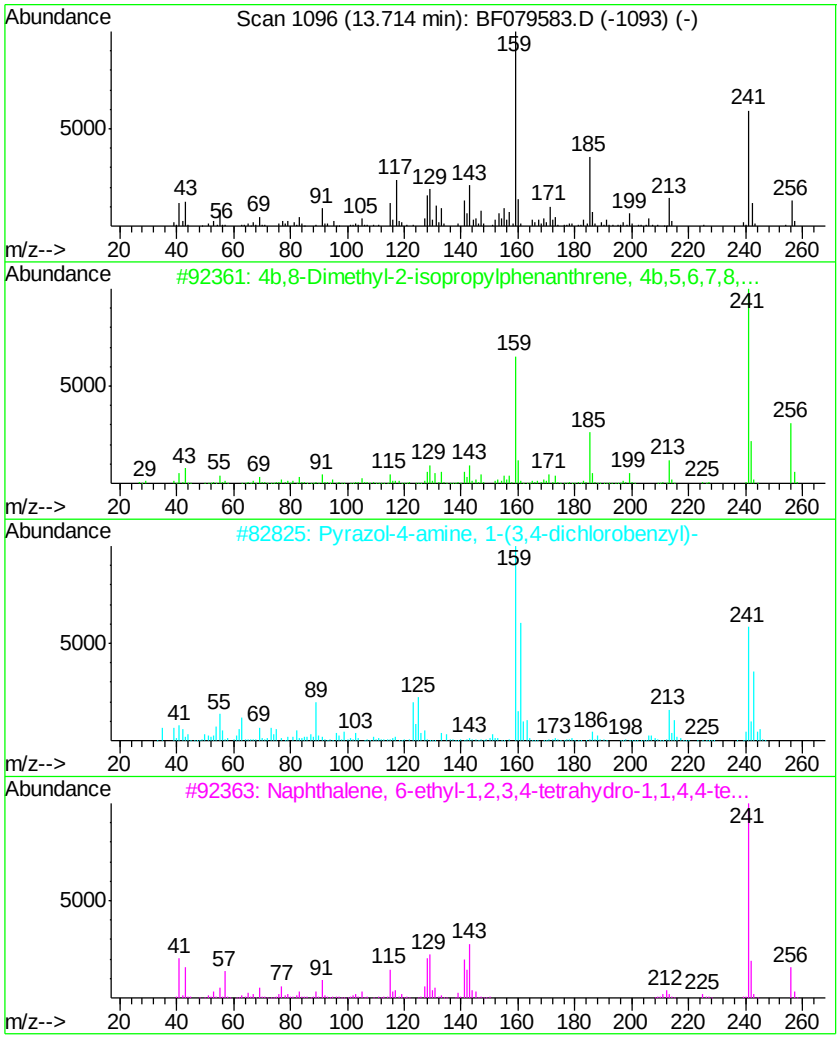
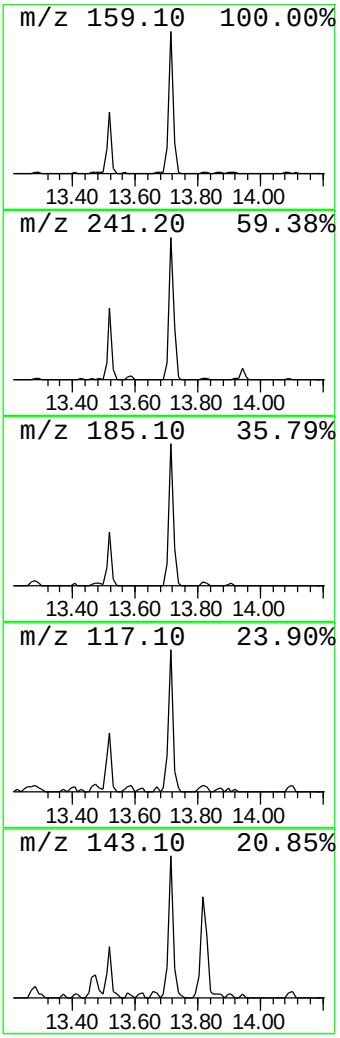
Peak Number 11 Pyrazol-4-amine, 1-(3,4-dic... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	10.44 ng	457574	Phenanthrene-d10	12.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	52
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
4	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	35
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	30





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Data File : BF079583.D
Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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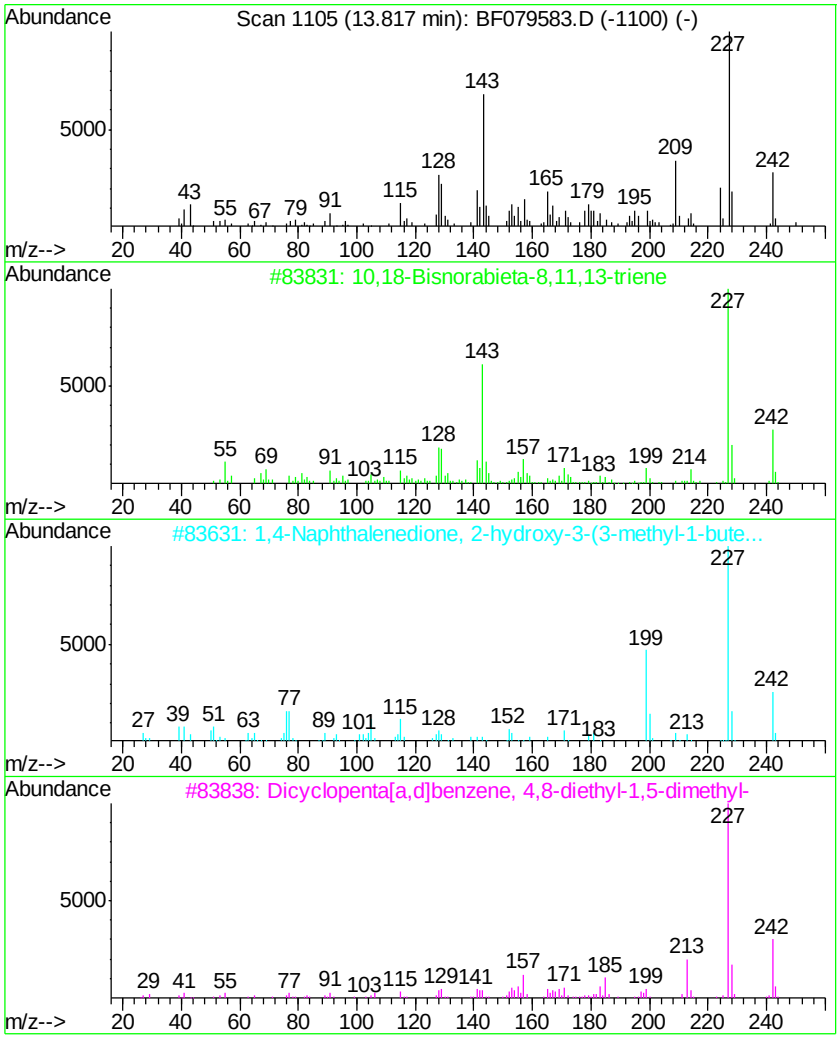
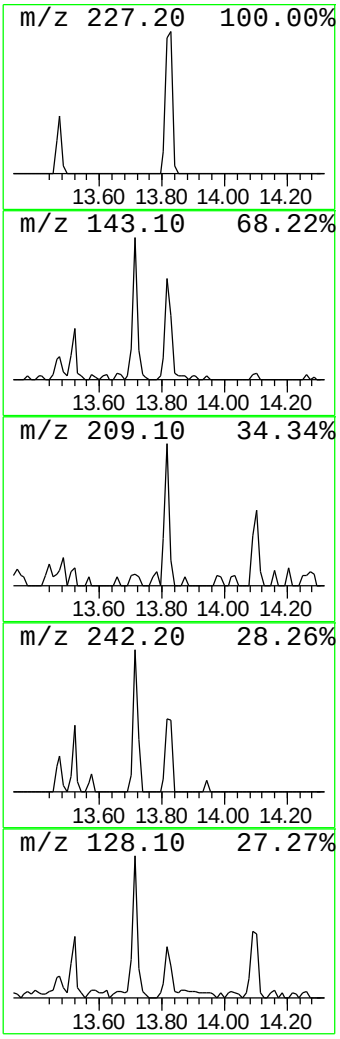
Peak Number 12 10,18-Bisnorabieta-8,11,13-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.50 ng	197415	Phenanthrene-d10	12.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	95
2	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	50
3	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	46
4	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	43
5	5-Methoxy-2-methyl-4-oxo-1,2,3,4...	242	C14H14N2O2	1000227-06-0	43





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Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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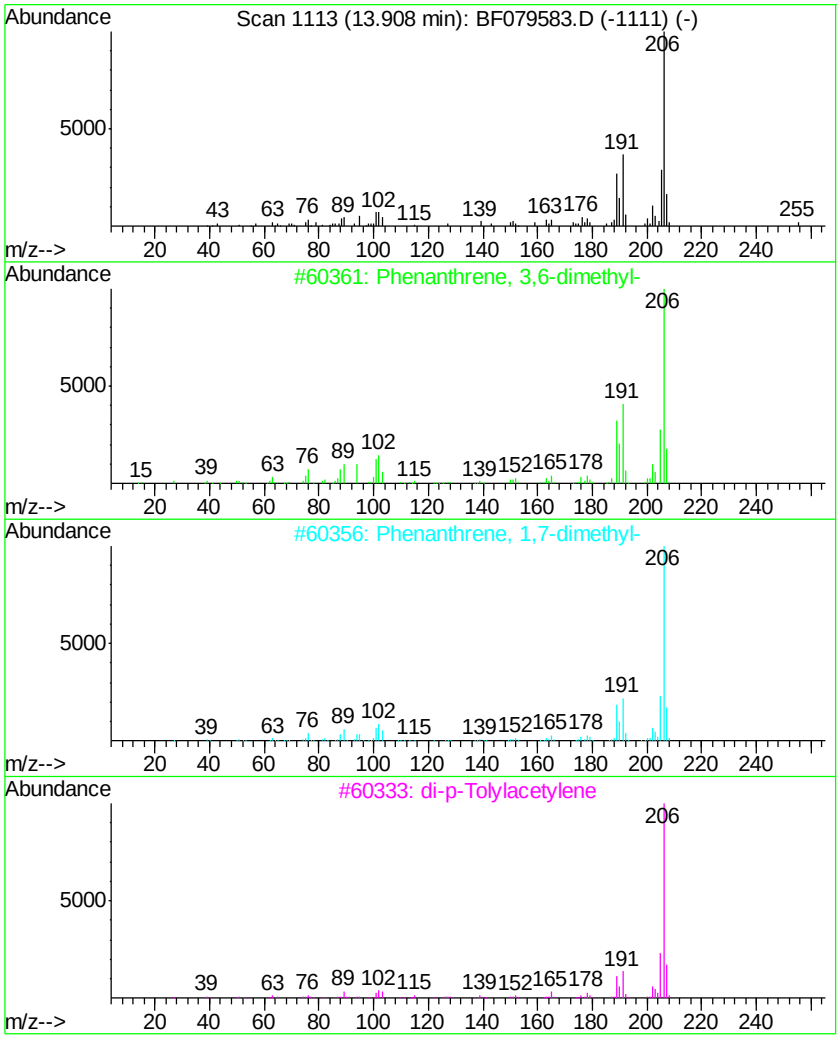
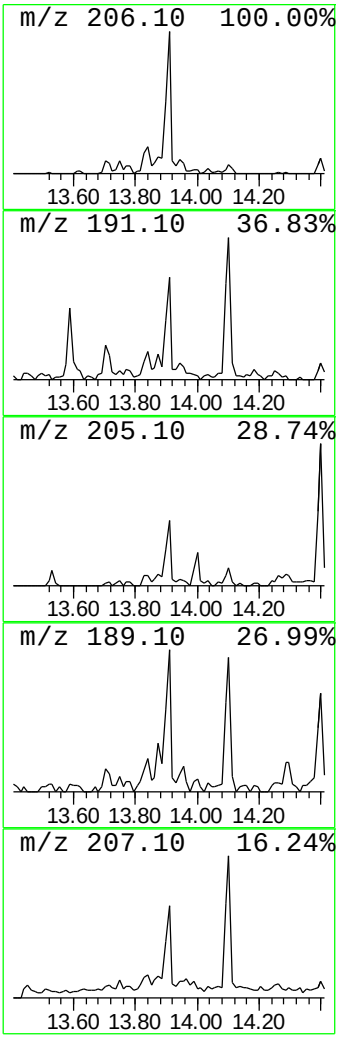
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	3.18 ng	139543	Phenanthrene-d10	12.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





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Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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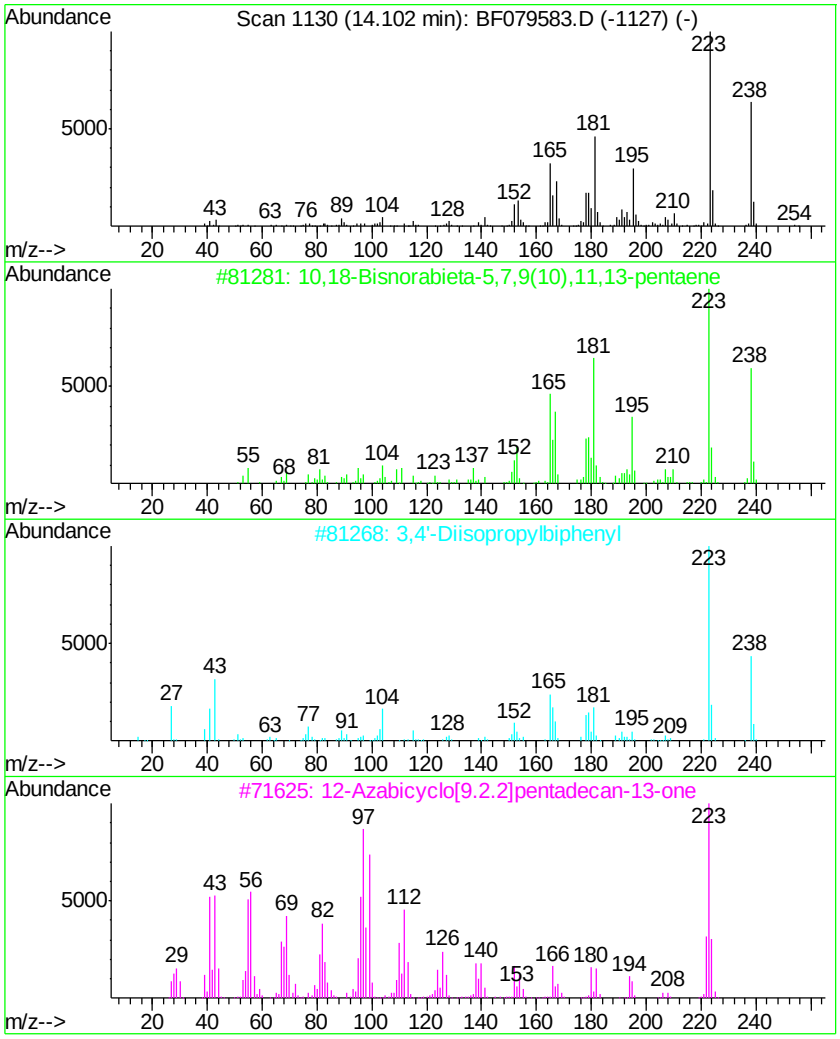
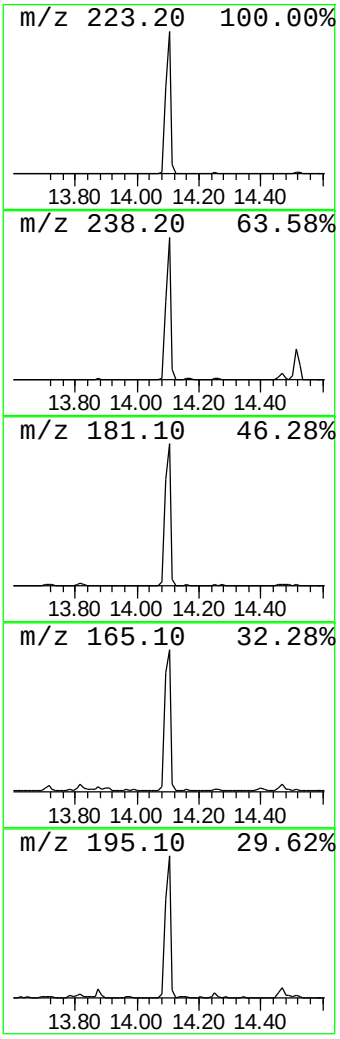
Peak Number 14 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	30.83 ng	1351150	Phenanthrene-d10	12.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	74
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
5	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	52





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Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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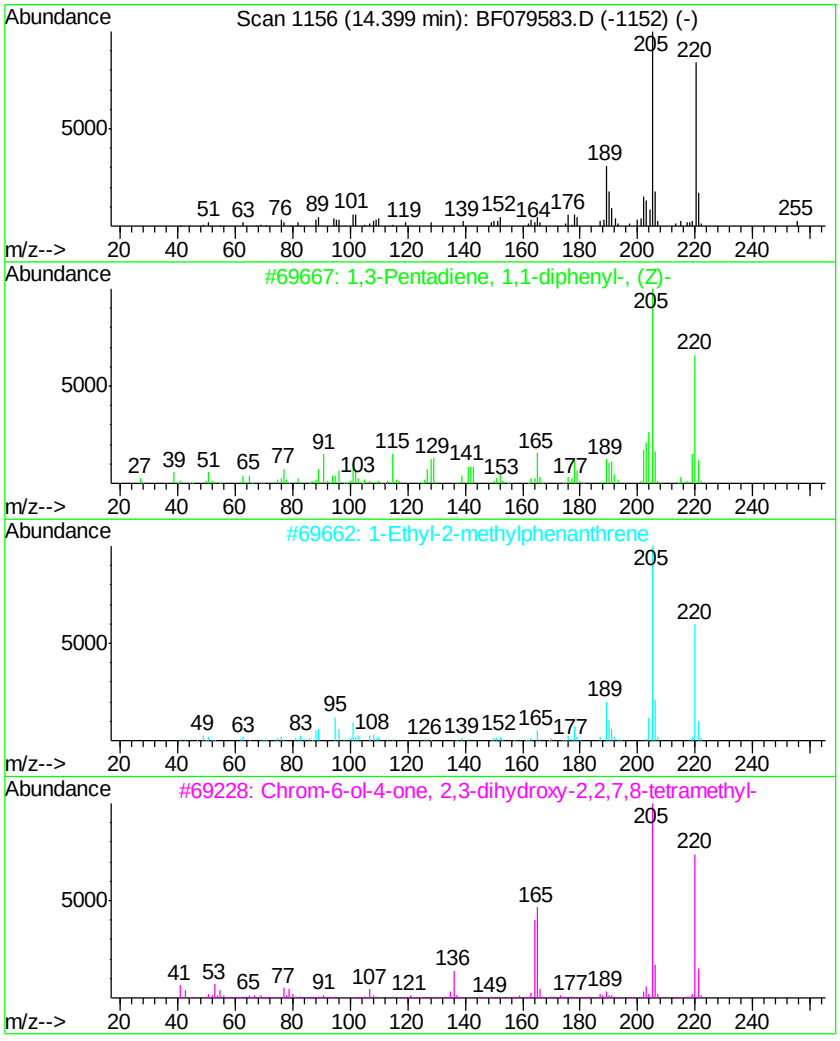
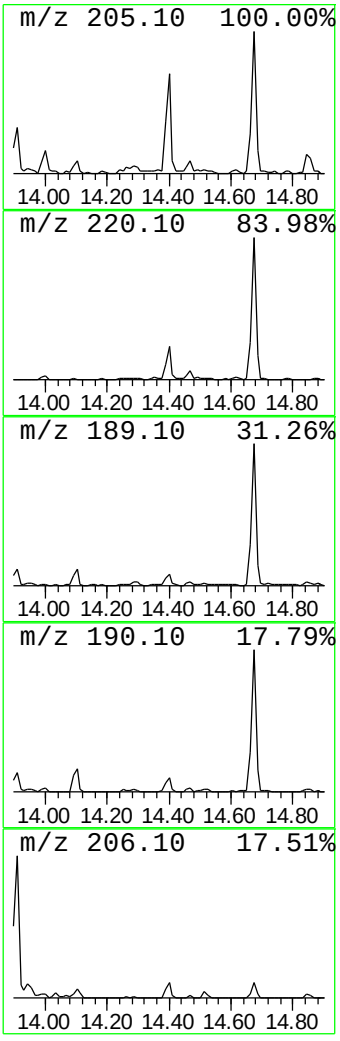
Peak Number 15 1,3-Pentadiene, 1,1-dipheny... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	2.76 ng	136684	Chrysene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	87
2	1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	72
3	Chrom-6-ol-4-one, 2,3-dihydroxy-...	220	C13H16O3	084945-26-6	68
4	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	64
5	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	64





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Data File : BF079583.D
Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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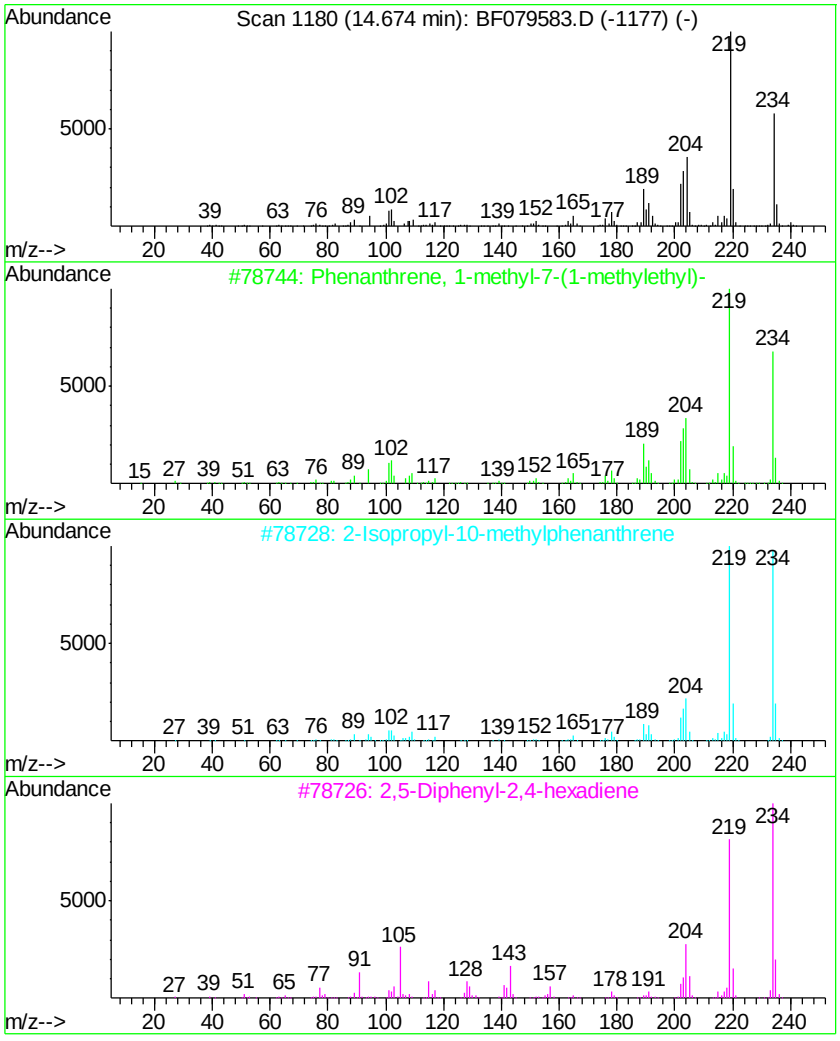
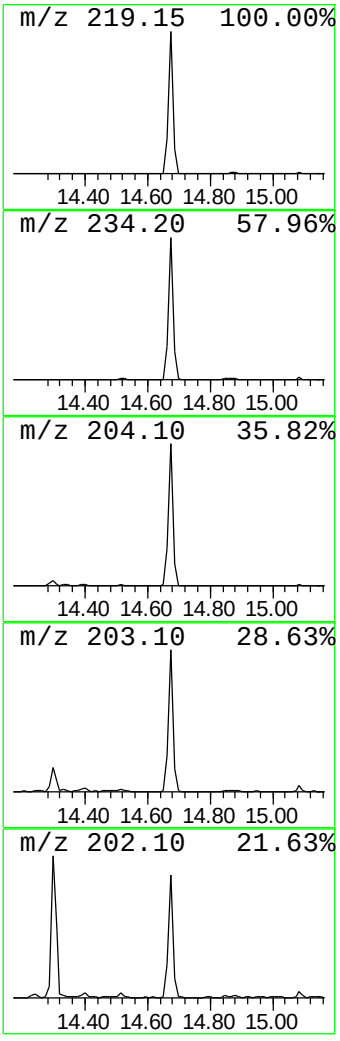
Peak Number 16 Phenanthrene, 1-methyl-7-(1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	38.88 ng	1925320	Chrysene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	64
4	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	52
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	50





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Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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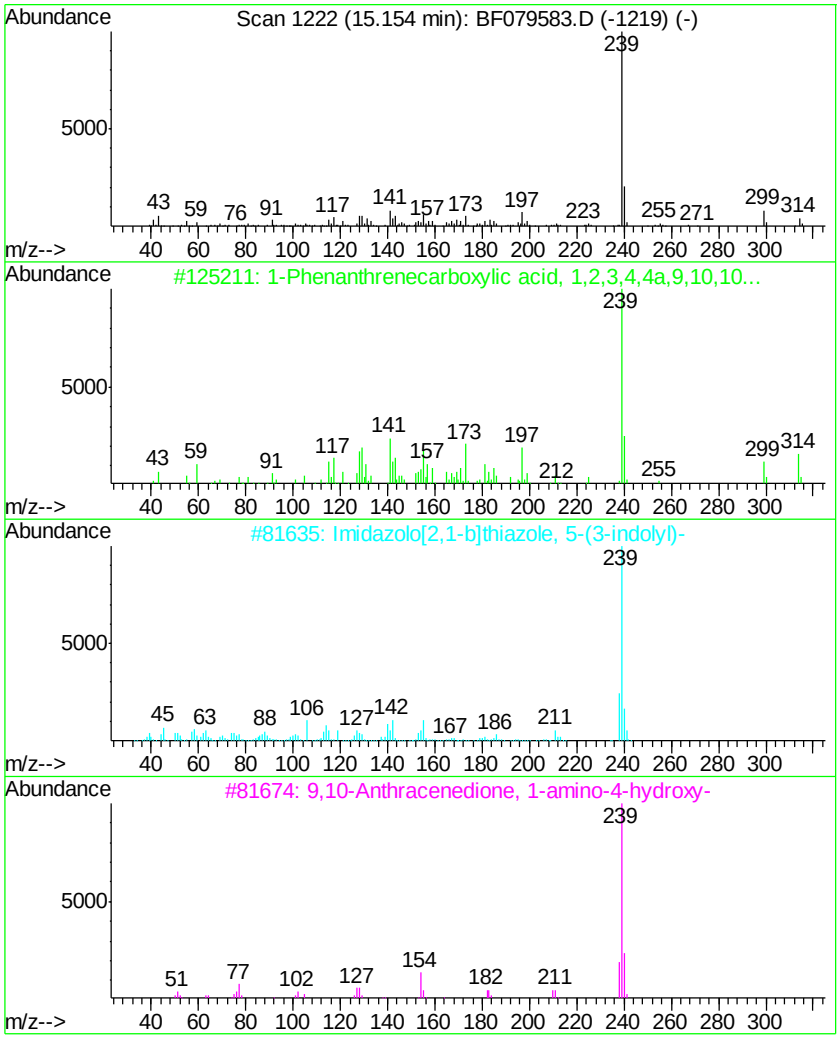
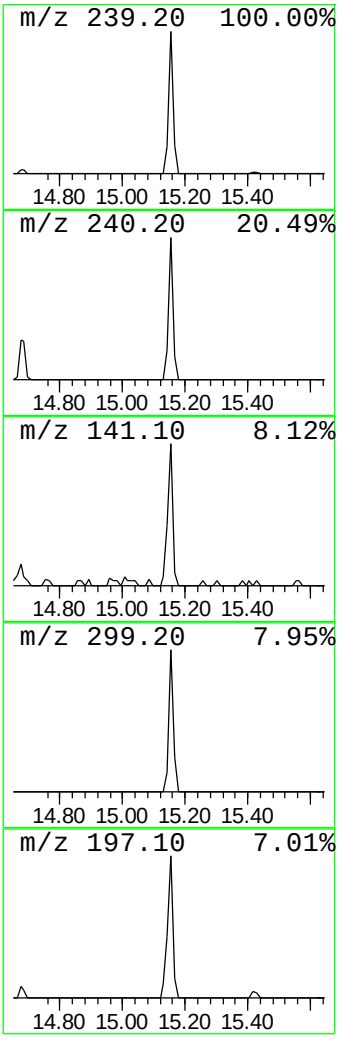
Peak Number 17 1-Phenanthrenecarboxylic ac... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	8.92 ng	441729	Chrysene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	314	C21H30O2	001235-74-1	92
2	Imidazolo[2,1-b]thiazole, 5-(3-i...	239	C13H9N3S	327097-37-0	53
3	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	45
4	Benzaldehyde, 3-[4-(1,1-dimethyl...	254	C17H18O2	069770-23-6	45
5	4-(4-Oxo-1,2,3,4,6,7,12,12b-octa...	326	C19H22N2O3	1000137-91-1	45





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Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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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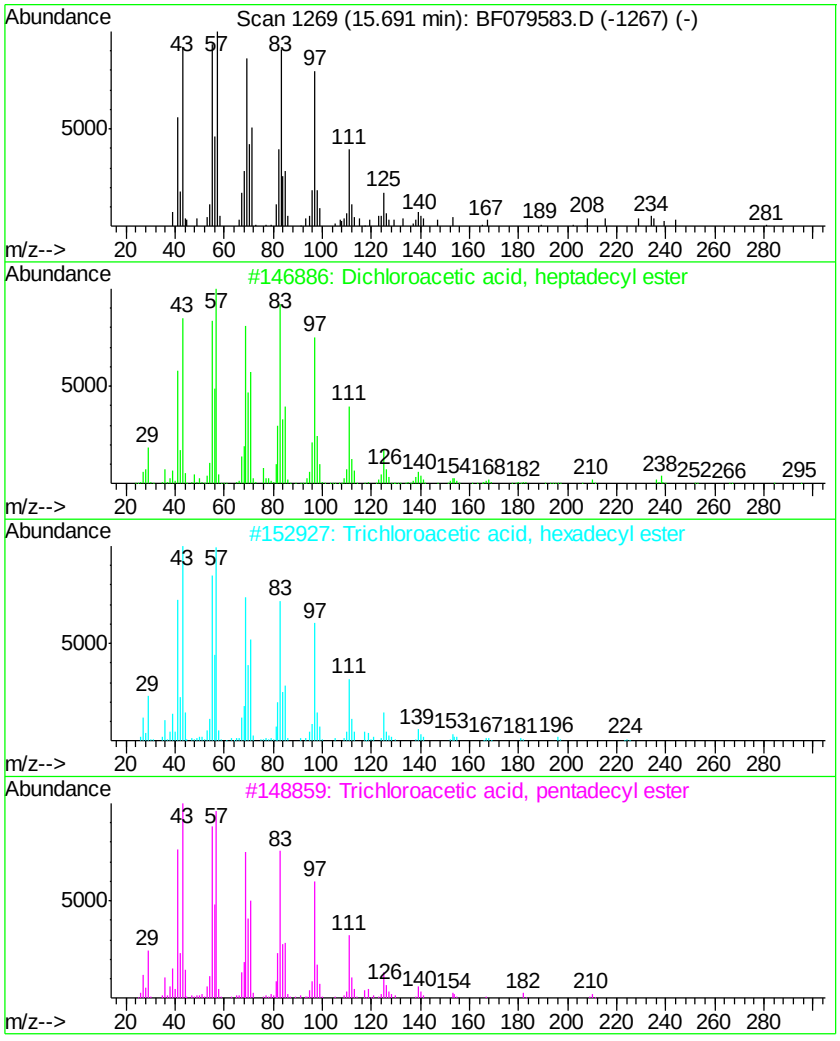
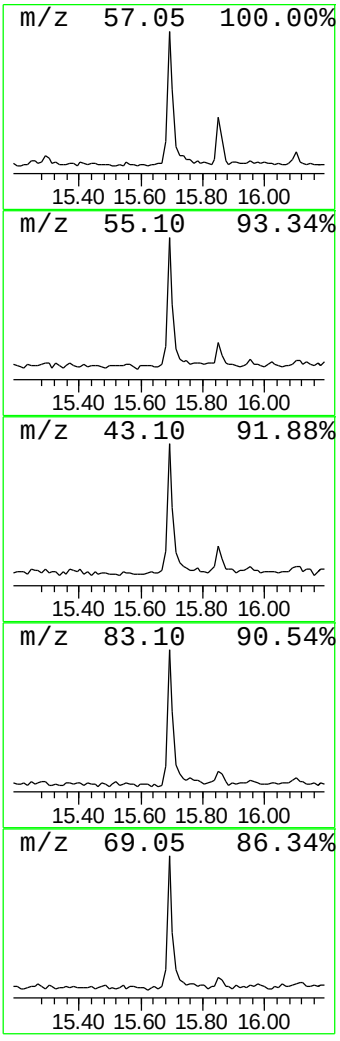
Peak Number 18 Dichloroacetic acid, heptad... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	3.46 ng	171549	Chrysene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
5	1-Nonadecene	266	C19H38	018435-45-5	91





Tentatively Identified Compound (LSC) summary

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Acq On : 30 May 2015 4:13
Operator : TP/IZ
Sample : G2408-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23D

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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...	4.66	3.8	ng	99414	1	6.95	527968	20.0
1R-.alpha.-Pinene	6.02	19.2	ng	506658	1	6.95	527968	20.0
unknown6.66	6.66	71.1	ng	1877540	1	6.95	527968	20.0
4H-Cyclopenta[def...	13.28	5.9	ng	258383	4	12.53	876528	20.0
Dicyclopenta[a,d]...	13.47	2.8	ng	120760	4	12.53	876528	20.0
4b,8-Dimethyl-2-i...	13.52	5.5	ng	240040	4	12.53	876528	20.0
18-Norabietane	13.59	4.8	ng	211894	4	12.53	876528	20.0
Pyrazol-4-amine, ...	13.71	10.4	ng	457574	4	12.53	876528	20.0
10,18-Bisnorabiet...	13.82	4.5	ng	197415	4	12.53	876528	20.0
Phenanthrene, 3,6...	13.91	3.2	ng	139543	4	12.53	876528	20.0
10,18-Bisnorabiet...	14.10	30.8	ng	1351150	4	12.53	876528	20.0
1,3-Pentadiene, 1...	14.40	2.8	ng	136684	5	15.79	990311	20.0
Phenanthrene, 1-m...	14.67	38.9	ng	1925320	5	15.79	990311	20.0
1-Phenanthrenecar...	15.15	8.9	ng	441729	5	15.79	990311	20.0
Dichloroacetic ac...	15.69	3.5	ng	171549	5	15.79	990311	20.0