LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083160.D
Acq On : 22 Nov 2015 15:48
Operator : UM/IZ
Sample : G4504-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

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	3.278	109	113	128	rBV	194434	497687	7.67%	0.858%
2	4.798	243	246	255	rBV	691148	1046904	16.14%	1.806%
3	5.256	283	286	293	rBV	2044717	2758652	42.52%	4.758%
4	6.319	377	379	386	rVB	1091068	1763885	27.19%	3.042%
5	6.421	386	388	391	rBV	4611719	4649180	71.67%	8.018%
6	6.593	400	403	406	rVB3	28943	73717	1.14%	0.127%
7	6.650	406	408	410	rBV	1248611	1189490	18.34%	2.051%
8	6.741	413	416	419	rBV3	76592	141483	2.18%	0.244%
9	6.810	419	422	424	rBV	4423609	4717172	72.71%	8.135%
10	7.004	436	439	441	rBV2	61147	79060	1.22%	0.136%
11	7.222	451	458	461	rBV	3659831	4428733	68.27%	7.638%
12	7.313	464	466	467	rVV	68068	89241	1.38%	0.154%
13	7.347	467	469	473	rVV3	86858	146475	2.26%	0.253%
14	7.404	473	474	478	rVV3	37745	71899	1.11%	0.124%
15	7.507	481	483	488	rVB5	85408	177018	2.73%	0.305%
16	7.587	488	490	492	rBV	89194	133623	2.06%	0.230%
17	7.667	495	497	500	rBV4	23857	65368	1.01%	0.113%
18	7.759	502	505	507	rBV4	46897	76621	1.18%	0.132%
19	7.884	514	516	518	rVB2	95747	153462	2.37%	0.265%
20	7.942	518	521	523	rBV	1446845	1663745	25.65%	2.869%
21	8.136	536	538	540	rBV	182733	168574	2.60%	0.291%
22	8.182	540	542	545	rVV	302656	318062	4.90%	0.549%
23	8.319	549	554	557	rBV3	116419	335629	5.17%	0.579%
24	8.410	557	562	565	rBV6	128131	330026	5.09%	0.569%
25	8.456	565	566	568	rVB2	88668	116361	1.79%	0.201%
26	8.502	568	570	571	rBV2	116463	141786	2.19%	0.245%
27	8.536	571	573	575	rVB2	88897	93313	1.44%	0.161%
28	8.604	577	579	580	rBV2	172172	162390	2.50%	0.280%
29	8.639	580	582	585	rBV4	82618	169447	2.61%	0.292%
30	8.696	585	587	588	rBV2	68351	94590	1.46%	0.163%
31	8.776	590	594	595	rBV4	101032	170974	2.64%	0.295%
32	8.902	602	605	607	rBV4	90958	200954	3.10%	0.347%
33	8.947	607	609	613	rVV5	133844	358984	5.53%	0.619%
34	9.016	613	615	618	rVV	4778502	6487240	100.00%	11.188%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083160.D
Acq On : 22 Nov 2015 15:48
Operator : UM/IZ
Sample : G4504-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

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	9.062	618	619	621	rVB2	79579	103920	1.60%	0.179%
36	9.142	622	626	628	rBV4	126522	298188	4.60%	0.514%
37	9.199	629	631	633	rVB3	189696	235685	3.63%	0.406%
38	9.245	633	635	636	rBV	124293	142879	2.20%	0.246%
39	9.279	636	638	640	rBV2	87509	122022	1.88%	0.210%
40	9.359	642	645	649	rBV4	320699	931594	14.36%	1.607%
41	9.542	660	661	664	rBV3	168938	277836	4.28%	0.479%
42	9.690	671	674	676	rBV	1755707	2092608	32.26%	3.609%
43	9.770	679	681	686	rBV6	189657	324074	5.00%	0.559%
44	9.850	686	688	690	rBV3	118724	203079	3.13%	0.350%
45	10.068	705	707	710	rVB3	416919	521056	8.03%	0.899%
46	10.125	710	712	714	rVB3	187516	287785	4.44%	0.496%
47	10.182	715	717	719	rBV3	126697	173905	2.68%	0.300%
48	10.228	719	721	723	rBV3	138376	176068	2.71%	0.304%
49	10.296	725	727	728	rBV	280808	264961	4.08%	0.457%
50	10.399	734	736	739	rBV3	231956	305861	4.71%	0.527%
51	10.479	739	743	745	rBV	4137209	5802972	89.45%	10.008%
52	11.085	794	796	797	rBV	746271	769540	11.86%	1.327%
53	11.165	801	803	805	rVB	1789345	1613206	24.87%	2.782%
54	11.279	812	813	816	rVB2	292272	272101	4.19%	0.469%
55	11.508	831	833	841	rVB3	276714	629579	9.70%	1.086%
56	11.736	851	853	855	rVB	686641	677337	10.44%	1.168%
57	11.862	862	864	866	rBV	237534	289606	4.46%	0.499%
58	12.513	918	921	926	rVB	463185	574562	8.86%	0.991%
59	12.753	939	942	944	rBV	5063010	5089883	78.46%	8.778%
60	13.656	1019	1021	1030	rVB	179423	318648	4.91%	0.550%
61	13.794	1030	1033	1035	rVB	1162027	1296521	19.99%	2.236%
62	15.154	1149	1152	1155	rBV	978058	1115930	17.20%	1.925%

Sum of corrected areas: 57983151

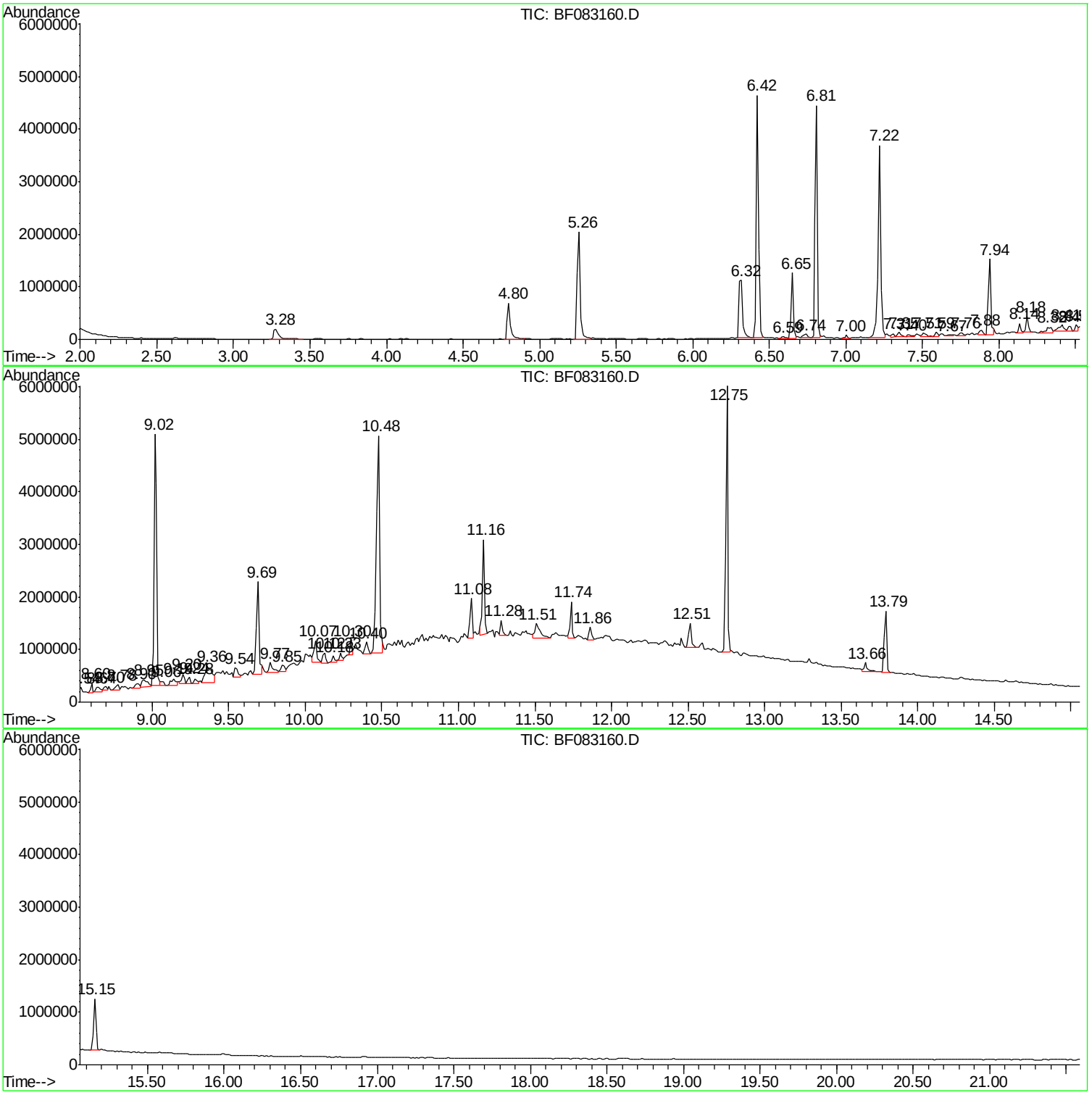
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083160.D
Acq On : 22 Nov 2015 15:48
Operator : UM/IZ
Sample : G4504-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083160.D
Acq On : 22 Nov 2015 15:48
Operator : UM/IZ
Sample : G4504-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

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

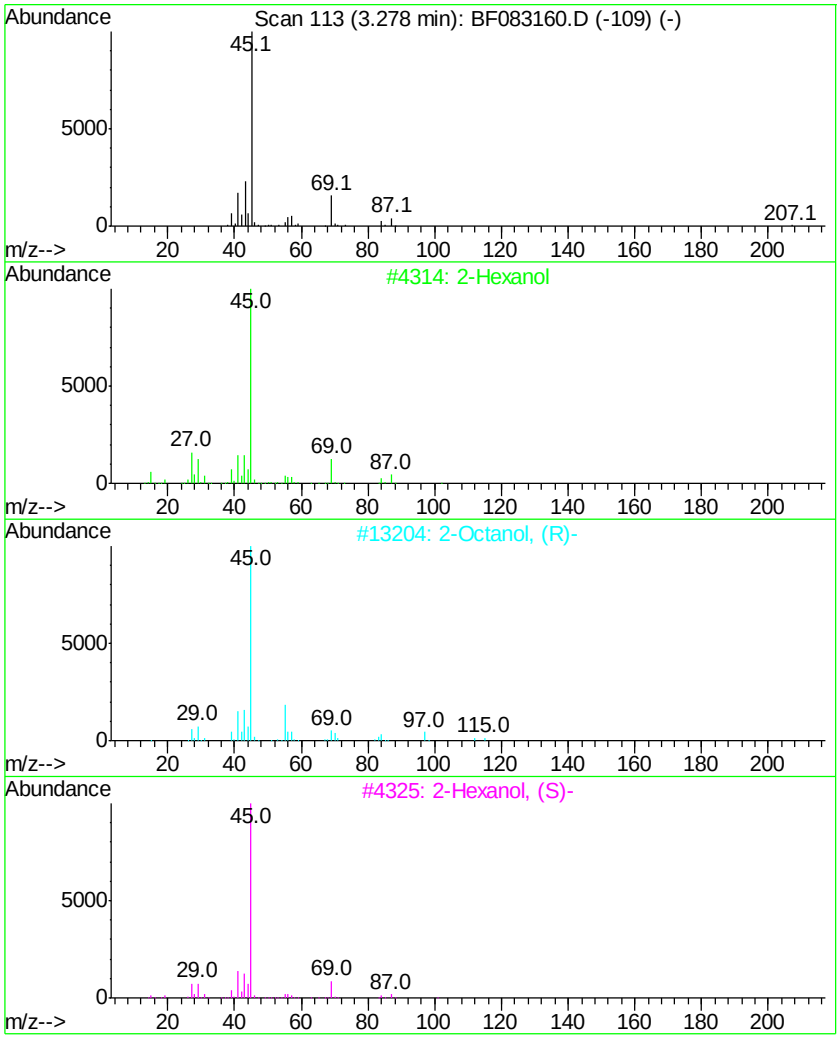
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

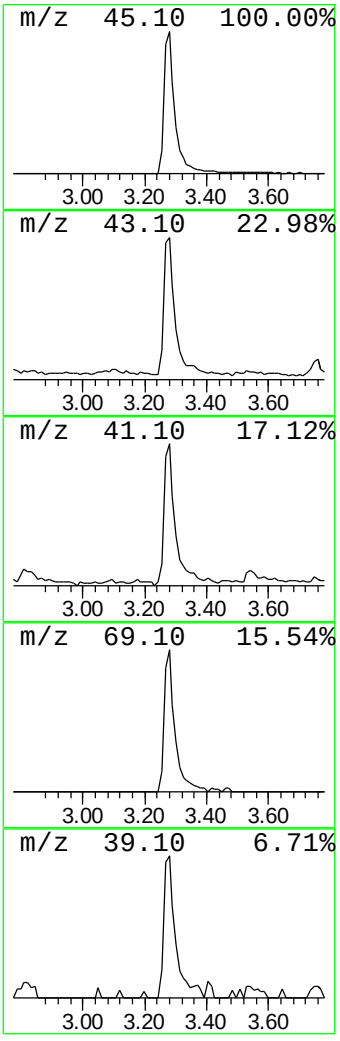
****

Peak Number 1 2-Hexanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	8.37 ng	497687	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Octanol, (R)-	130	C8H18O	005978-70-1	72
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	64
4	2-Hexanol, (R)-	102	C6H14O	026549-24-6	56
5	2-Octanol	130	C8H18O	000123-96-6	56





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083160.D
Acq On : 22 Nov 2015 15:48
Operator : UM/IZ
Sample : G4504-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

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

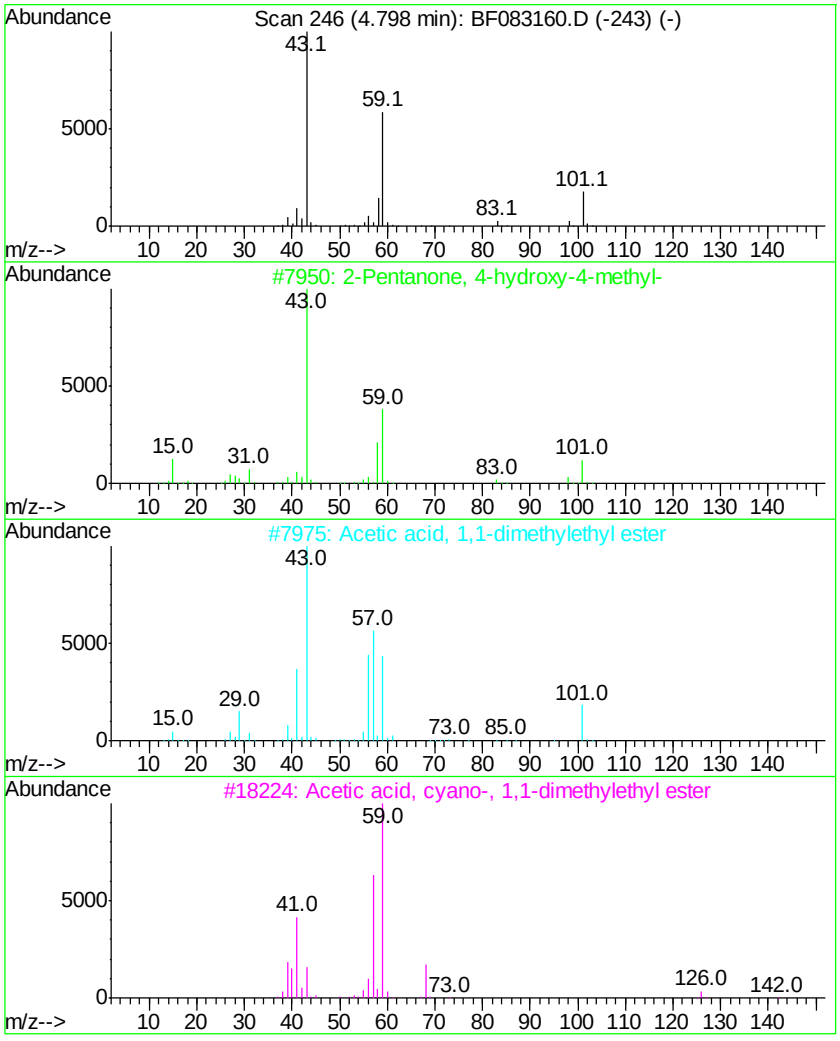
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

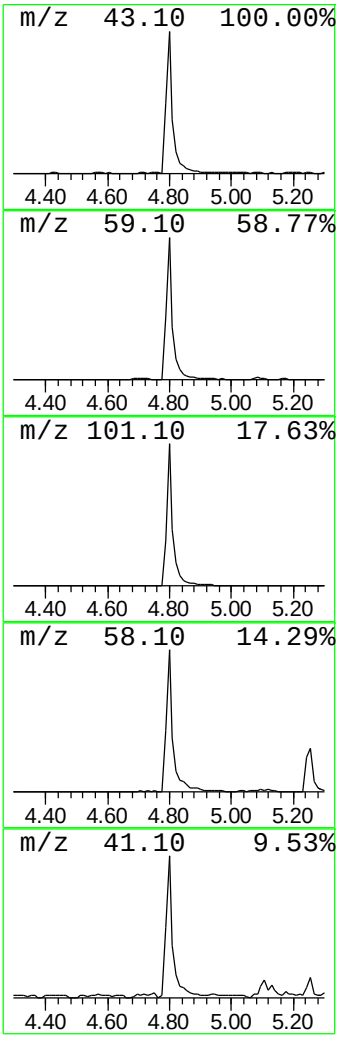
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	17.60 ng	1046900	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	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083160.D
Acq On : 22 Nov 2015 15:48
Operator : UM/IZ
Sample : G4504-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

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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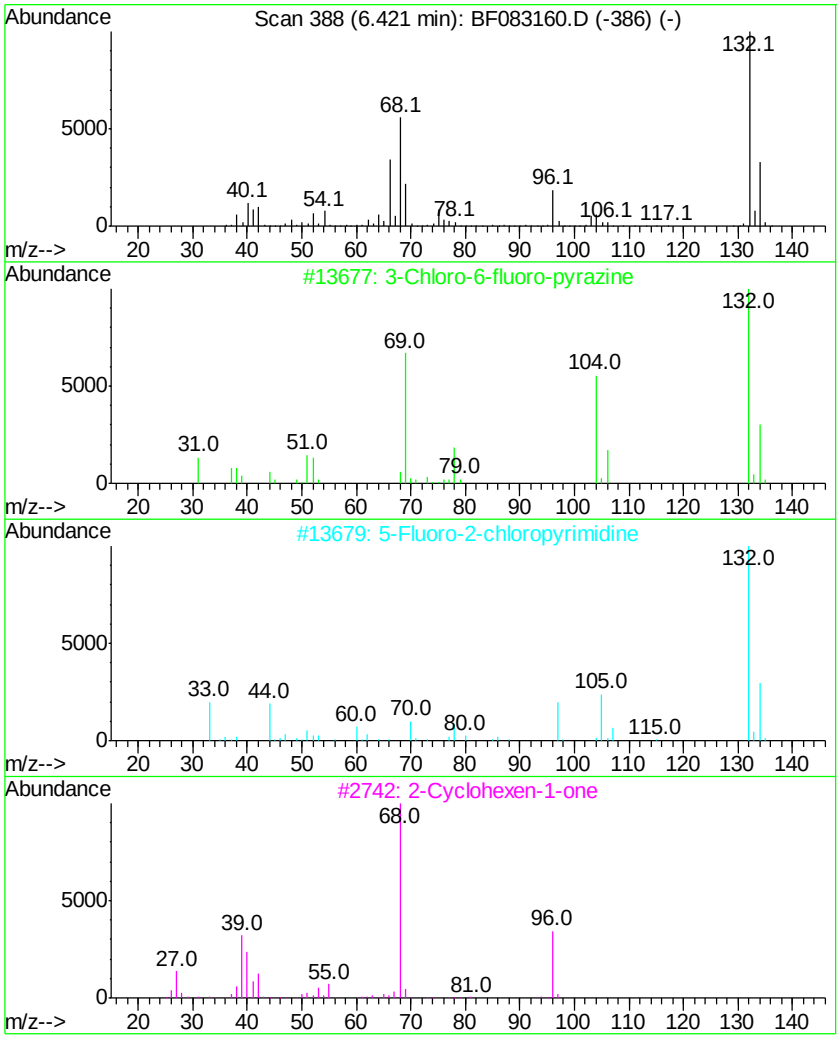
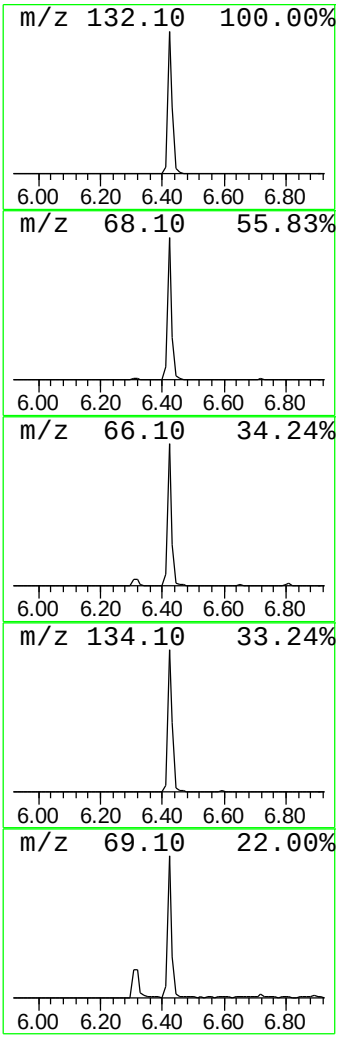
Peak Number 3 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	78.17 ng	4649180	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083160.D
Acq On : 22 Nov 2015 15:48
Operator : UM/IZ
Sample : G4504-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

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

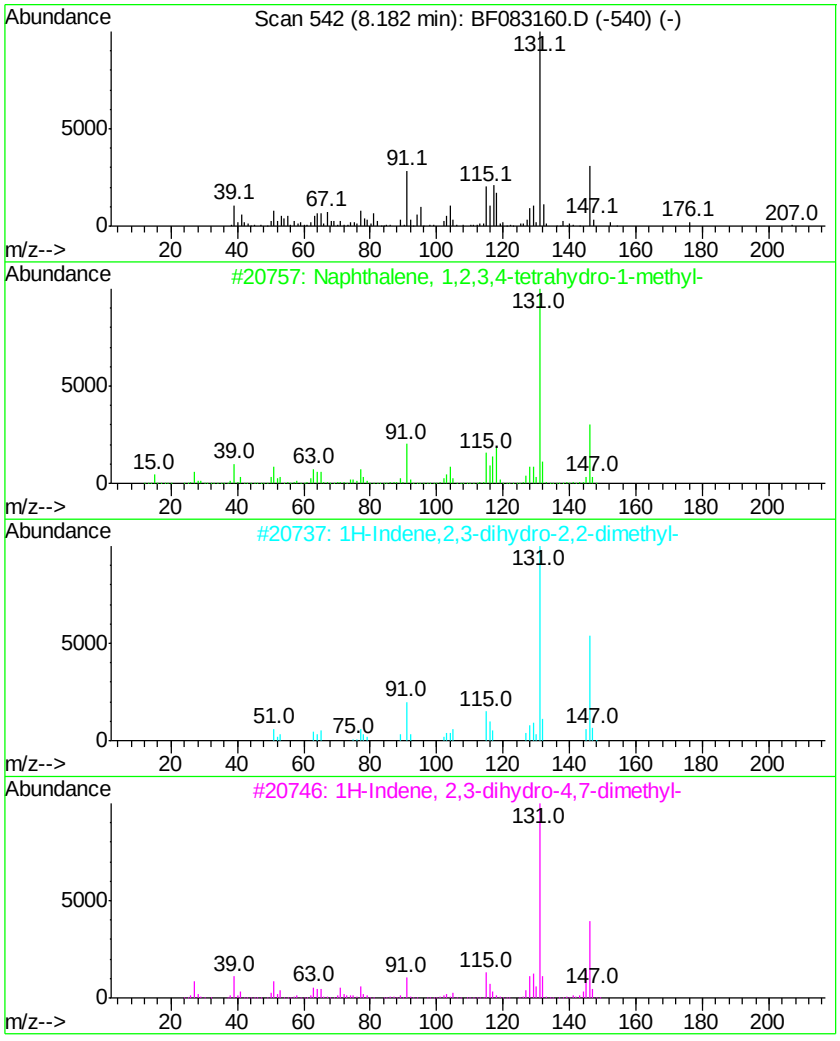
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

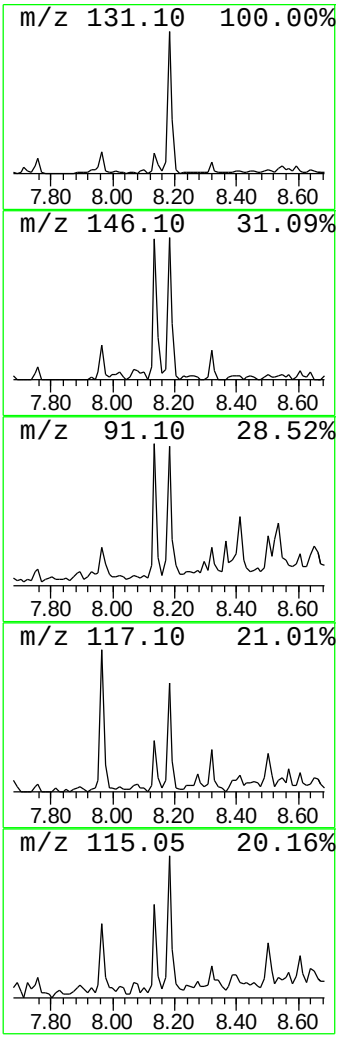
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	3.82 ng	318062	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	95
2	1H-Indene,2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	81
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
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Acq On : 22 Nov 2015 15:48
Operator : UM/IZ
Sample : G4504-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-04

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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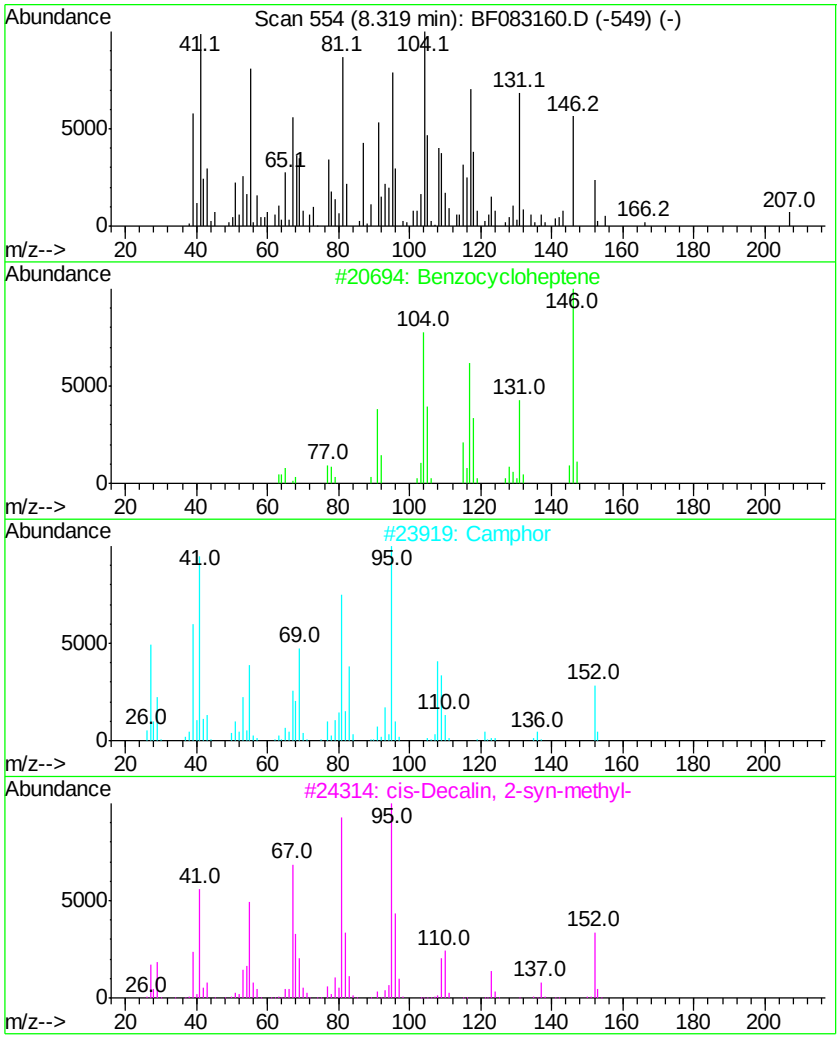
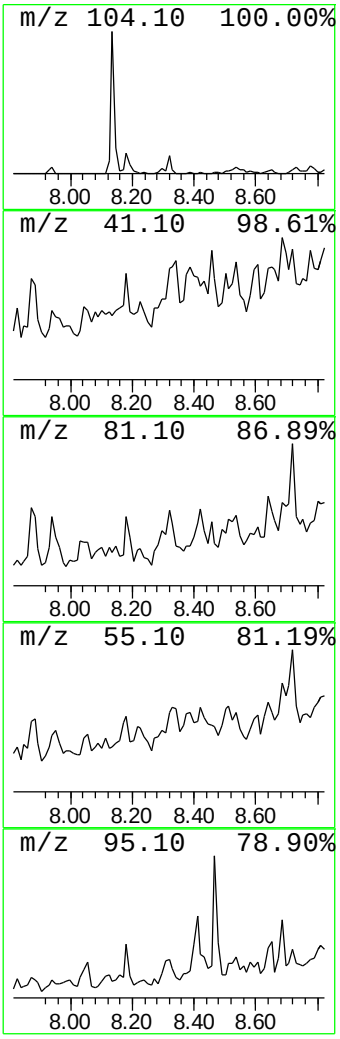
Peak Number 6 Benzocycloheptene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	4.03 ng	335629	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptene	146	C11H14	001075-16-7	59
2	Camphor	152	C10H16O	000076-22-2	41
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	38
4	1-Cyclopropyl-2-phenylethane	146	C11H14	037904-33-9	30
5	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083160.D
Acq On : 22 Nov 2015 15:48
Operator : UM/IZ
Sample : G4504-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

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

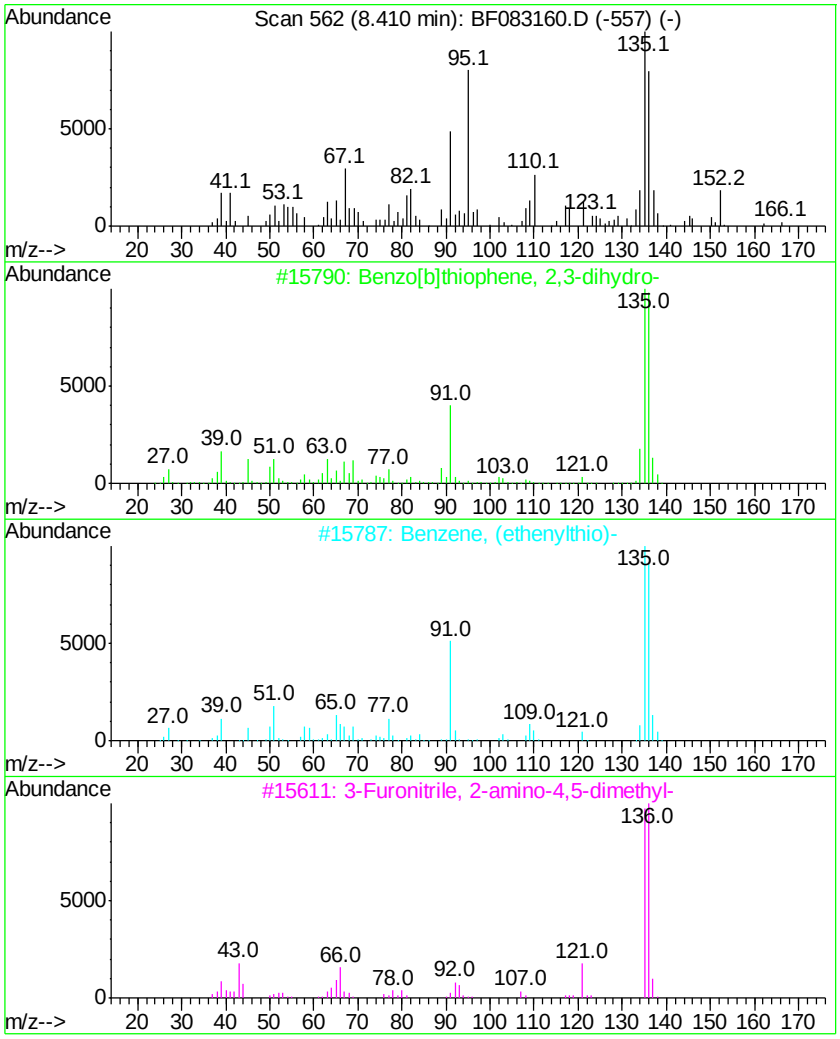
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

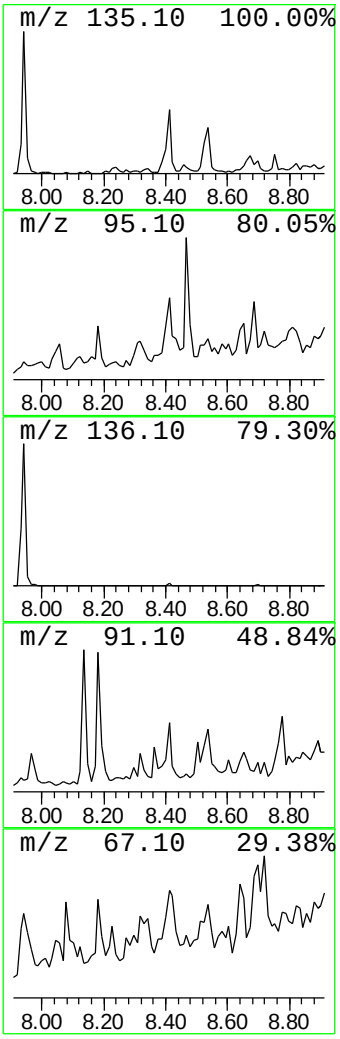
****

Peak Number 7 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	3.97 ng	330026	Naphthalene-d8	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	55
2	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	55
3	3-Furonitrile, 2-amino-4,5-dimet...	136	C7H8N2O	005117-88-4	46
4	3,4-(Methylenedioxy)toluene	136	C8H8O2	007145-99-5	43
5	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083160.D
Acq On : 22 Nov 2015 15:48
Operator : UM/IZ
Sample : G4504-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

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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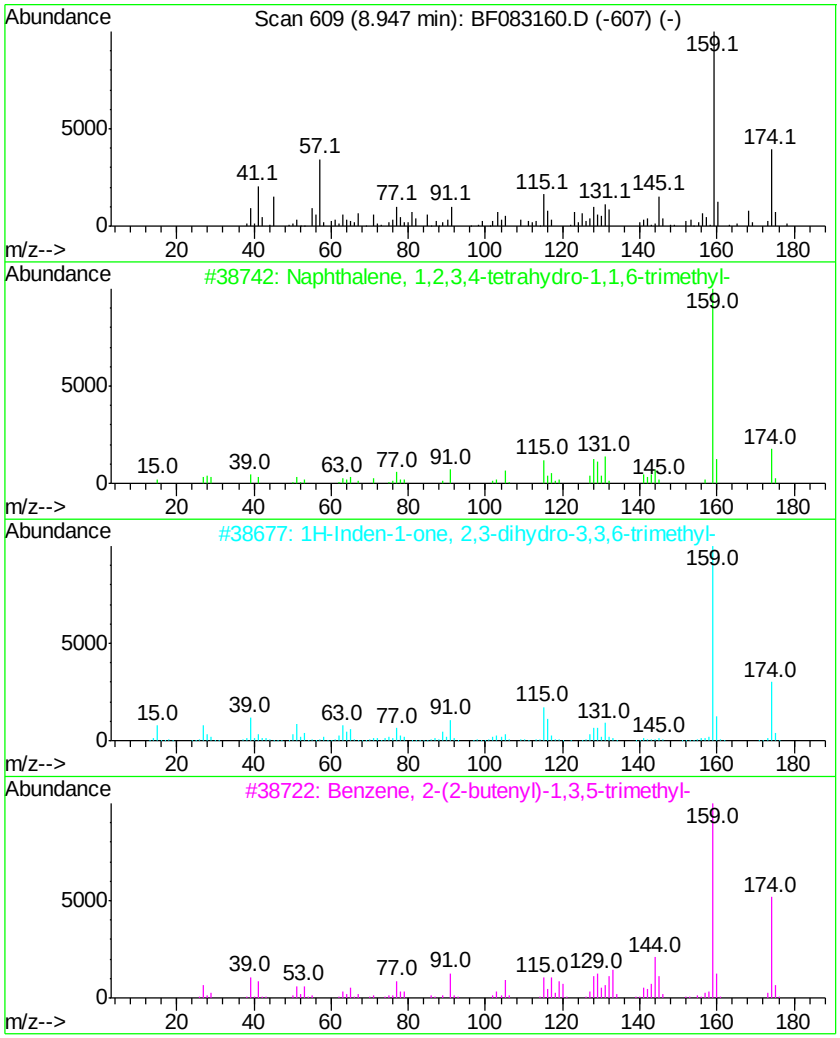
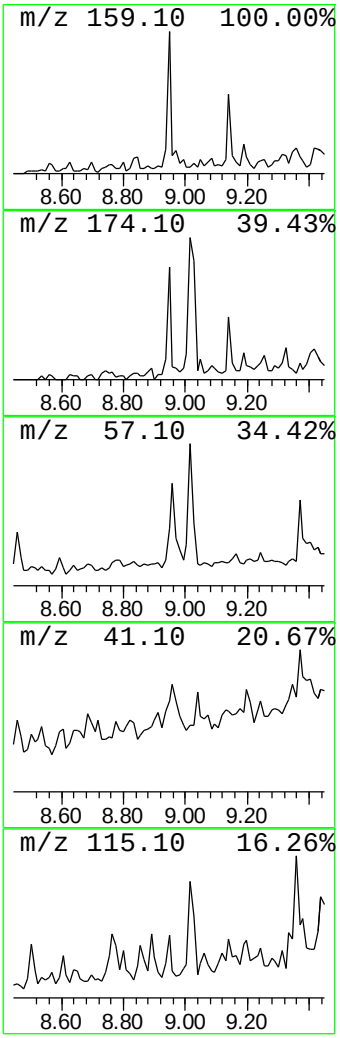
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	3.43 ng	358984	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	87
2	1H-Inden-1-one, 2,3-dihydro-3,3,...	174	C12H14O	054484-71-8	83
3	Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	80
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	80
5	1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
Data File : BF083160.D
Acq On : 22 Nov 2015 15:48
Operator : UM/IZ
Sample : G4504-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

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
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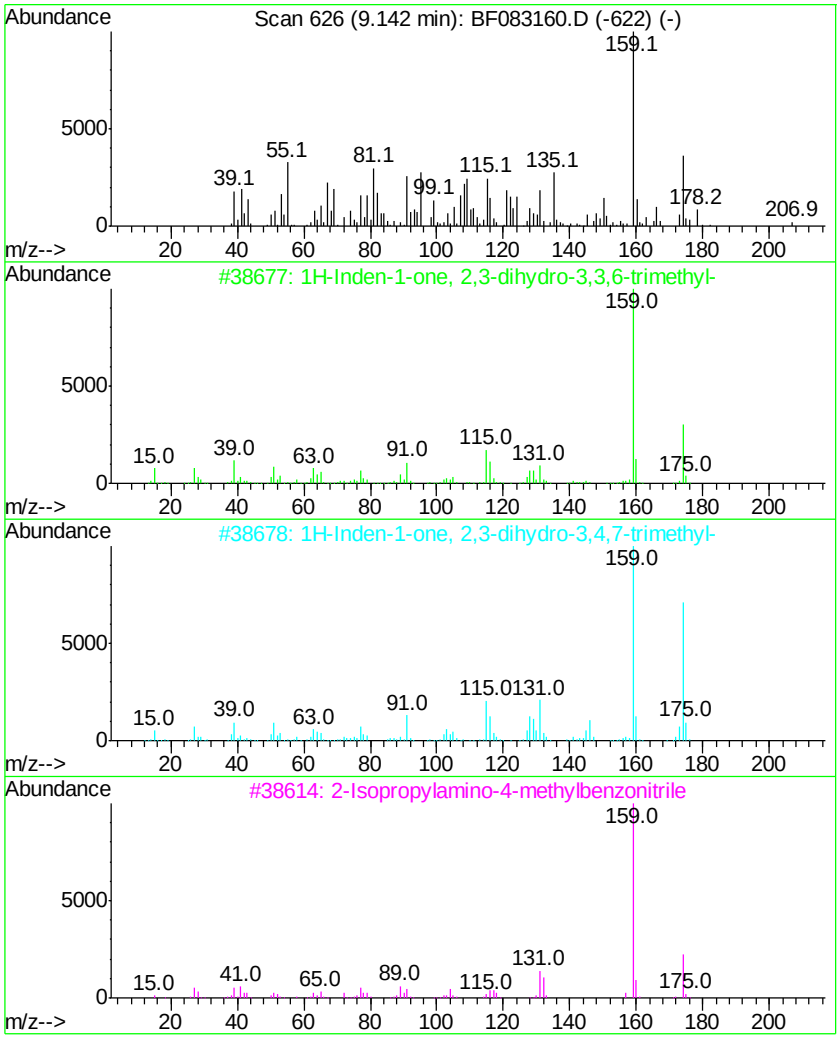
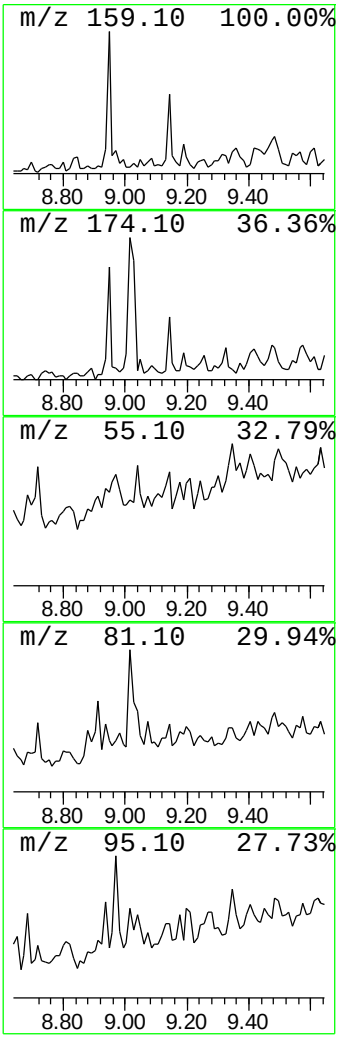
Peak Number 9 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	2.85 ng	298188	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3,...	174	C12H14O	054484-71-8	55
2	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	45
3	2-Isopropylamino-4-methylbenzoni...	174	C11H14N2	028195-00-8	43
4	1-Naphthalenol, 6-amino-	159	C10H9NO	023894-12-4	38
5	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	38





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Operator : UM/IZ
Sample : G4504-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

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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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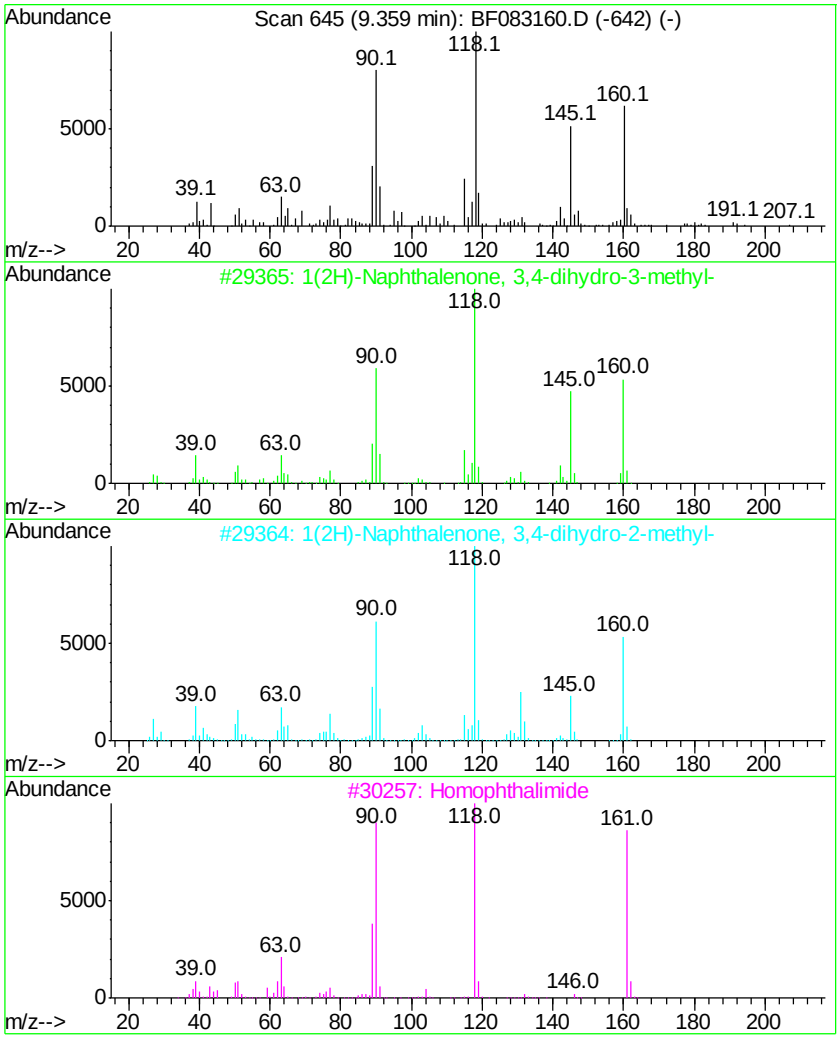
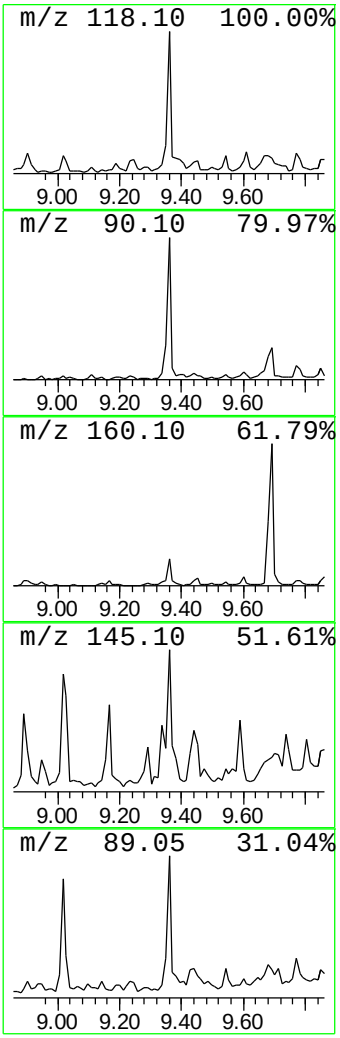
Peak Number 10 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	8.90 ng	931594	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	94
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	90
3	Homophthalimide	161	C9H7NO2	004456-77-3	64
4	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	59
5	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	59





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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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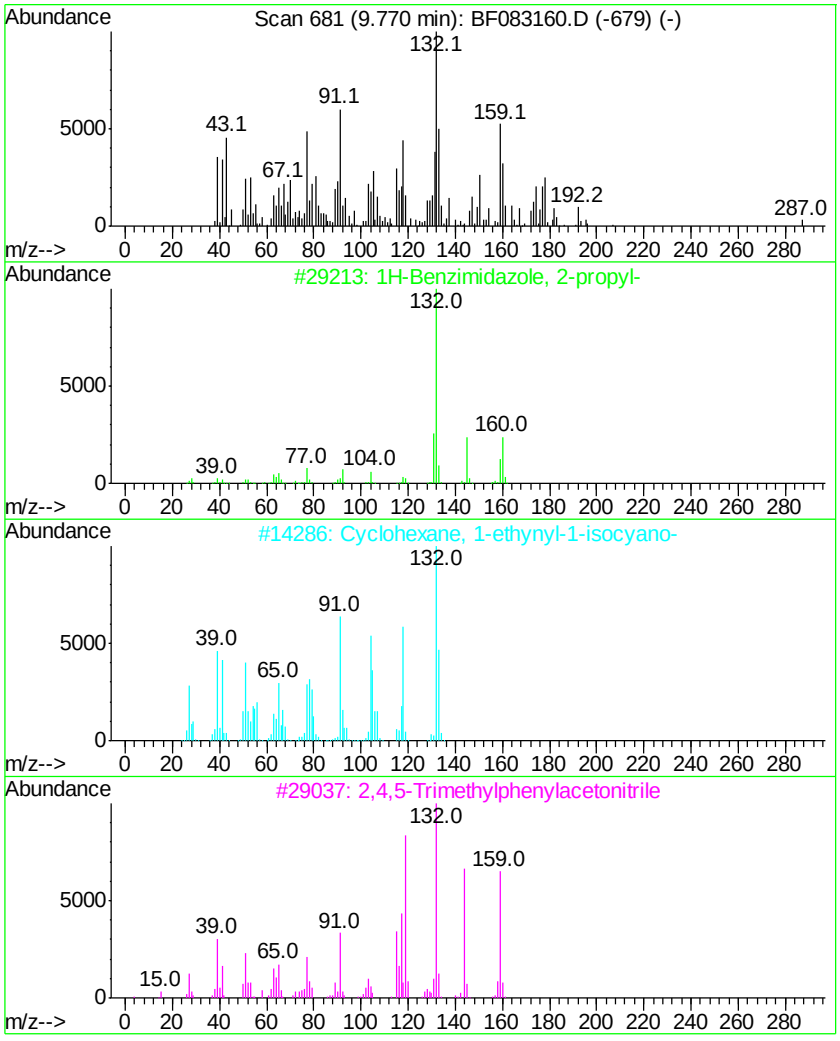
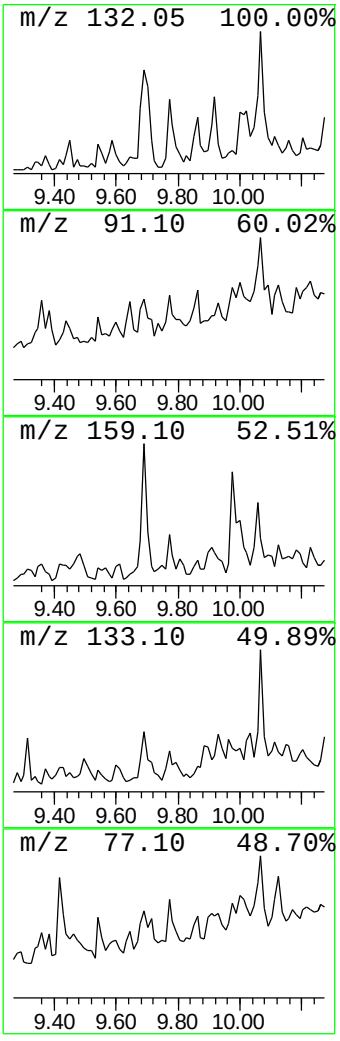
Peak Number 11 unknown9.77 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.10 ng	324074	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-propyl-	160	C10H12N2	005465-29-2	38
2	Cyclohexane, 1-ethynyl-1-isocyano-	133	C9H11N	138313-44-7	35
3	2,4,5-Trimethylphenylacetonitrile	159	C11H13N	075279-58-2	30
4	N-Chloro-2-methyl-2-phenylaziridine	167	C9H10ClN	1000283-29-0	27
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	25





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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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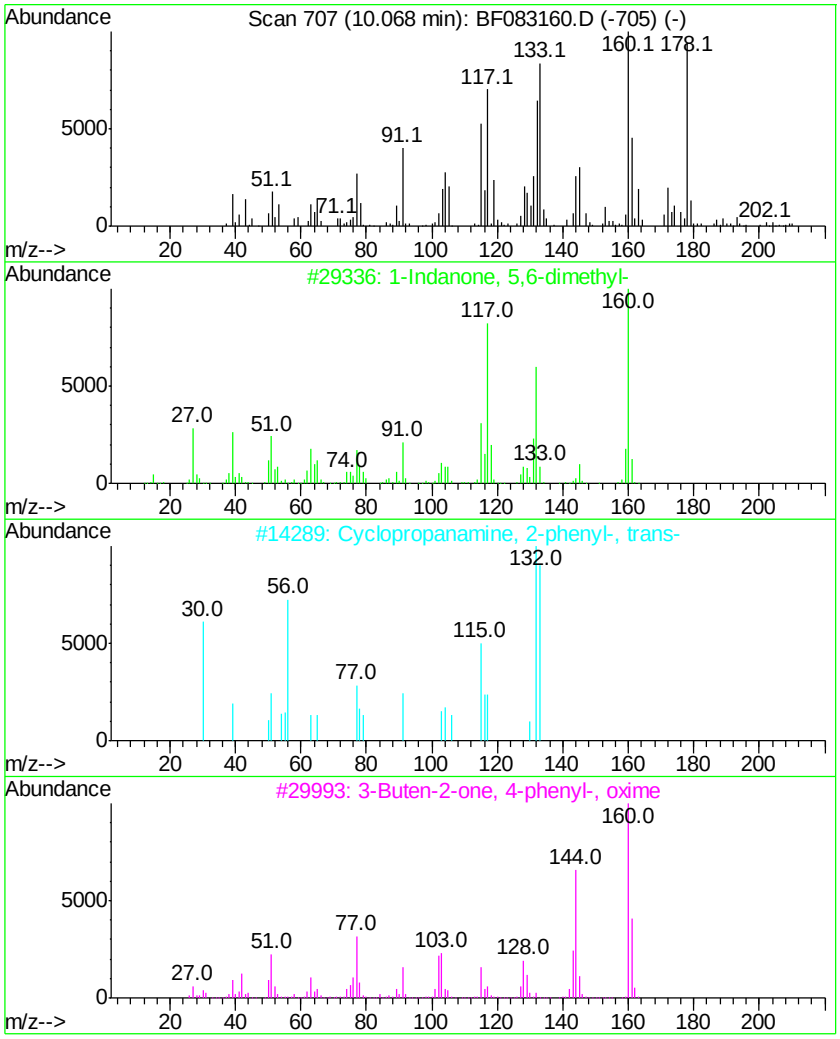
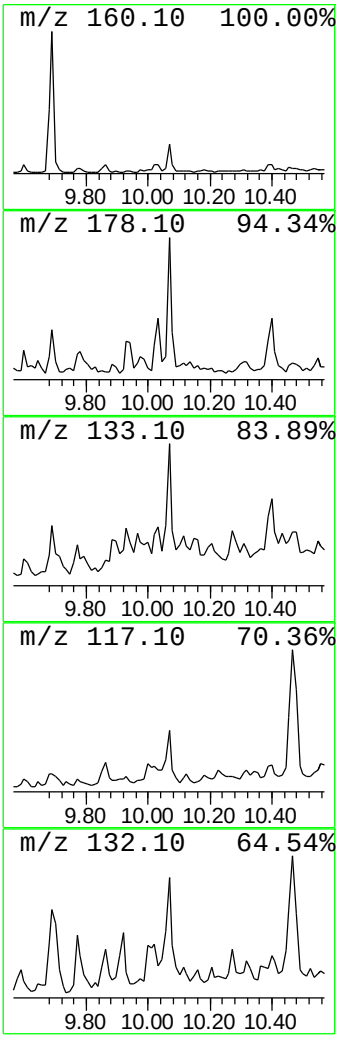
Peak Number 12 unknown10.07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	4.98 ng	521056	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	38
2	Cyclopropanamine, 2-phenyl-, trans-	133	C9H11N	000095-62-5	35
3	3-Buten-2-one, 4-phenyl-, oxime	161	C10H11NO	002887-98-1	25
4	o-Isopropenyltoluene	132	C10H12	007399-49-7	25
5	4-Ethoxyphenylacetonitrile	161	C10H11NO	006775-77-5	20





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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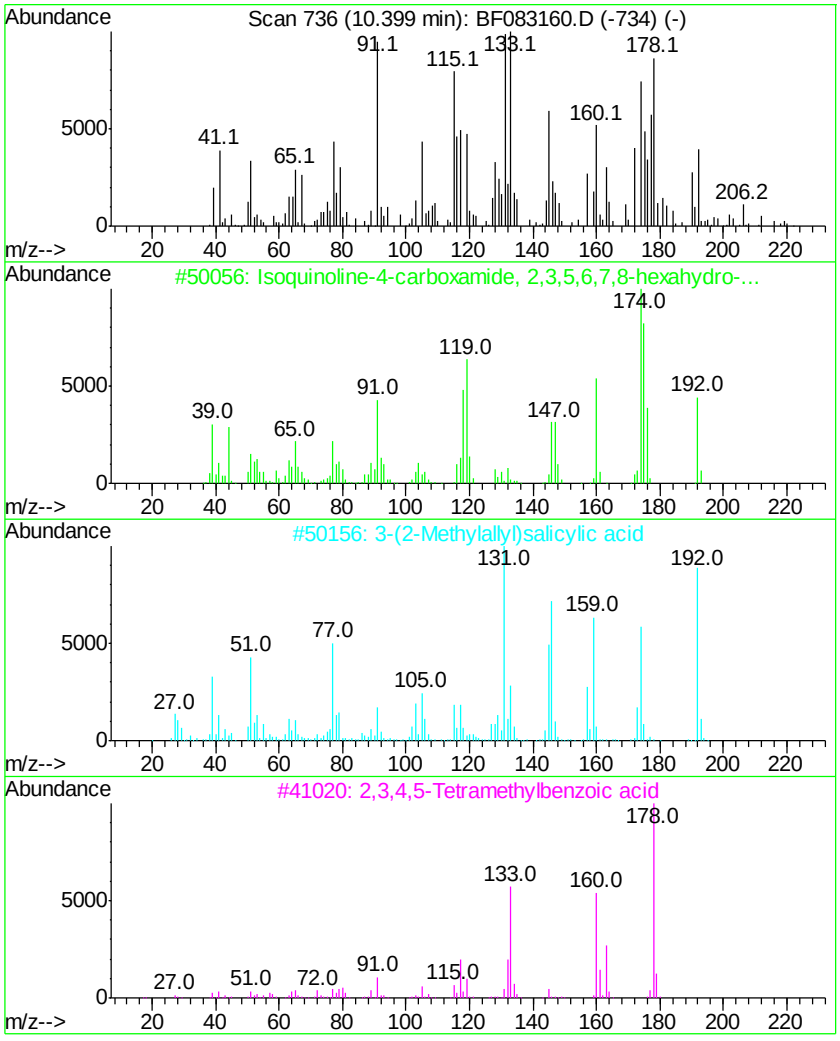
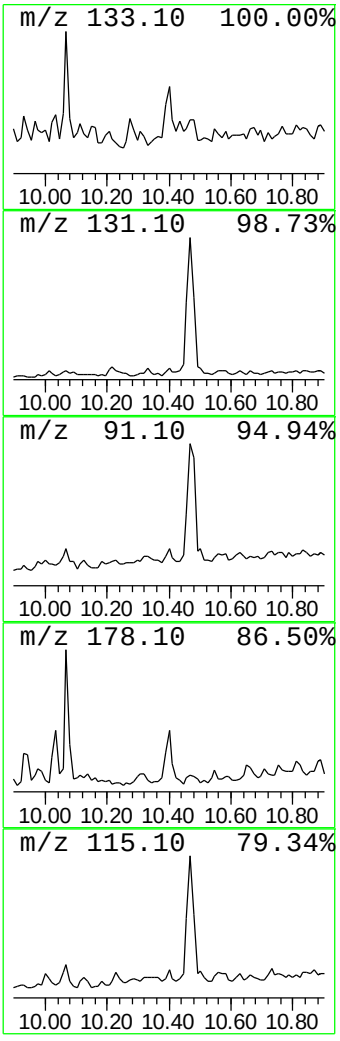
Peak Number 13 unknown10.40 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	2.92 ng	305861	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline-4-carboxamide, 2,3,...	192	C10H12N2O2	026862-51-1	43
2	3-(2-Methylallyl)salicylic acid	192	C11H12O3	091143-32-7	22
3	2,3,4,5-Tetramethylbenzoic acid	178	C11H14O2	002529-39-7	18
4	5-Methyl-3-m-tolyl-1,2,4-oxadiazole	174	C10H10N2O	087944-74-9	18
5	4a,8a-(Methanothiomethano)naphth...	192	C12H16S	017853-52-0	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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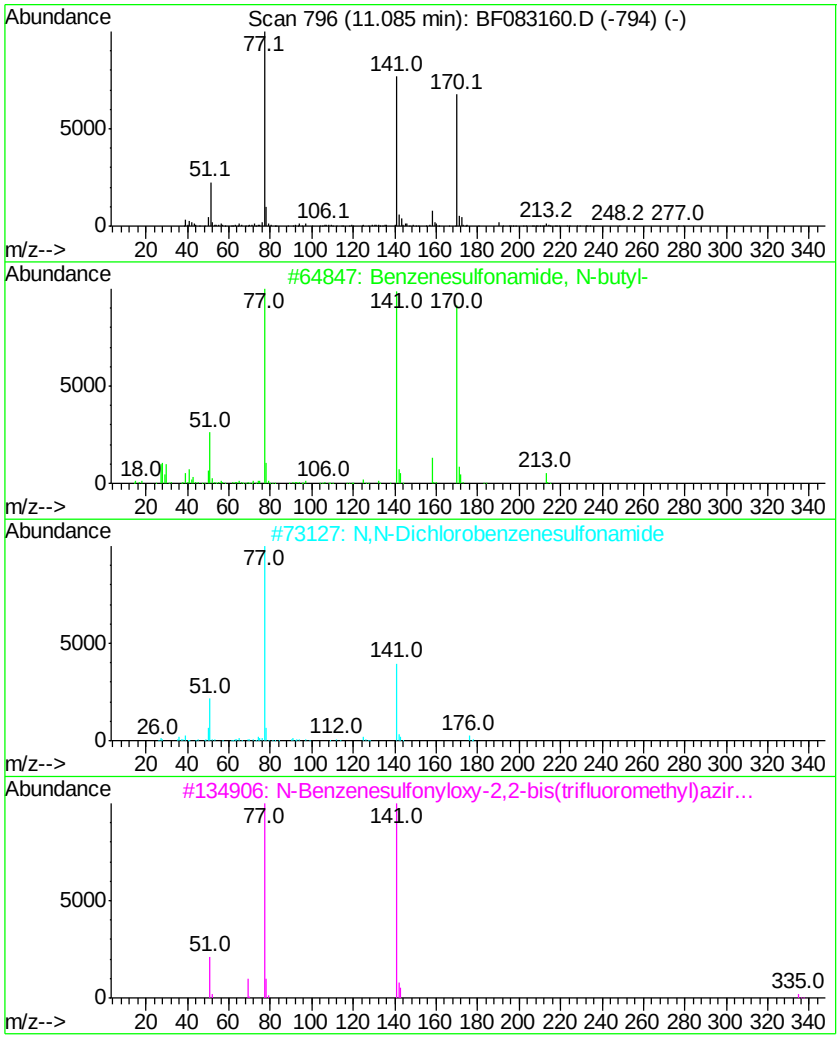
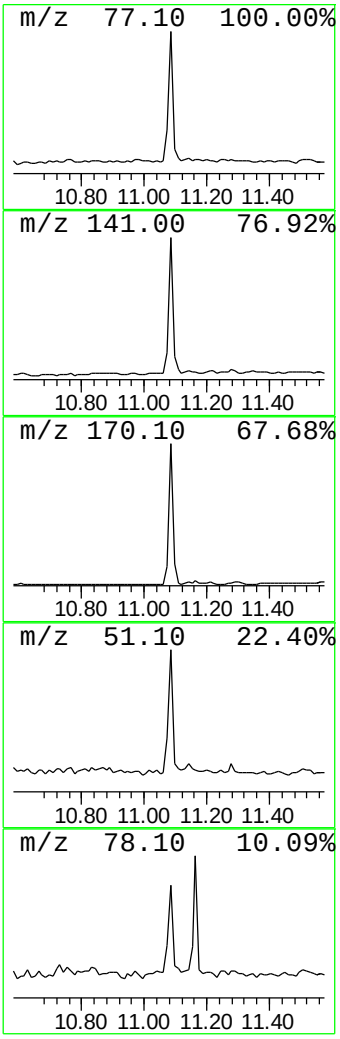
Peak Number 14 Benzenesulfonamide, N-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	9.54 ng	769540	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	94
2	N,N-Dichlorobenzenesulfonamide	225	C6H5Cl2NO2S	000473-29-0	59
3	N-Benzenesulfonyloxy-2,2-bis(tri...	335	C10H7F6NO3S	055734-41-3	59
4	(Phenylsulfonyl)acetonitrile	181	C8H7NO2S	007605-28-9	45
5	1-[Phenylsulfonyl]-1-nitropropane	229	C9H11NO4S	021272-84-4	38





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ClientSampleId : MW-04

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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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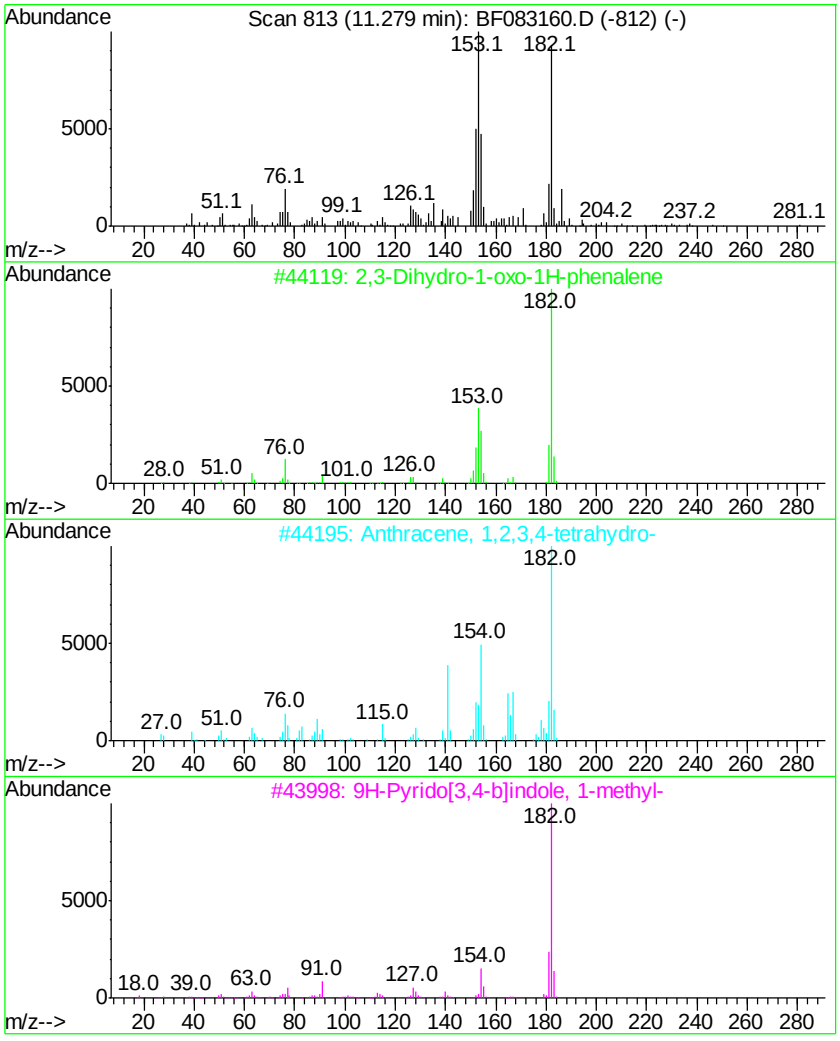
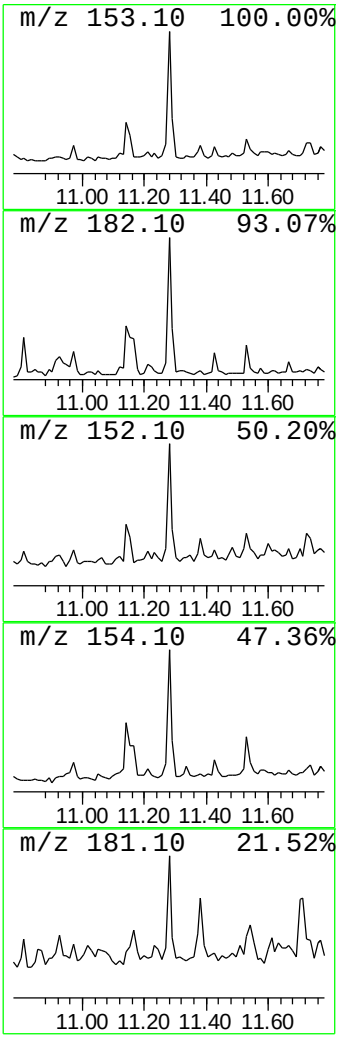
Peak Number 15 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	3.37 ng	272101	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	93
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	49
3	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	45
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	43
5	Acenaphthene	154	C12H10	000083-32-9	38





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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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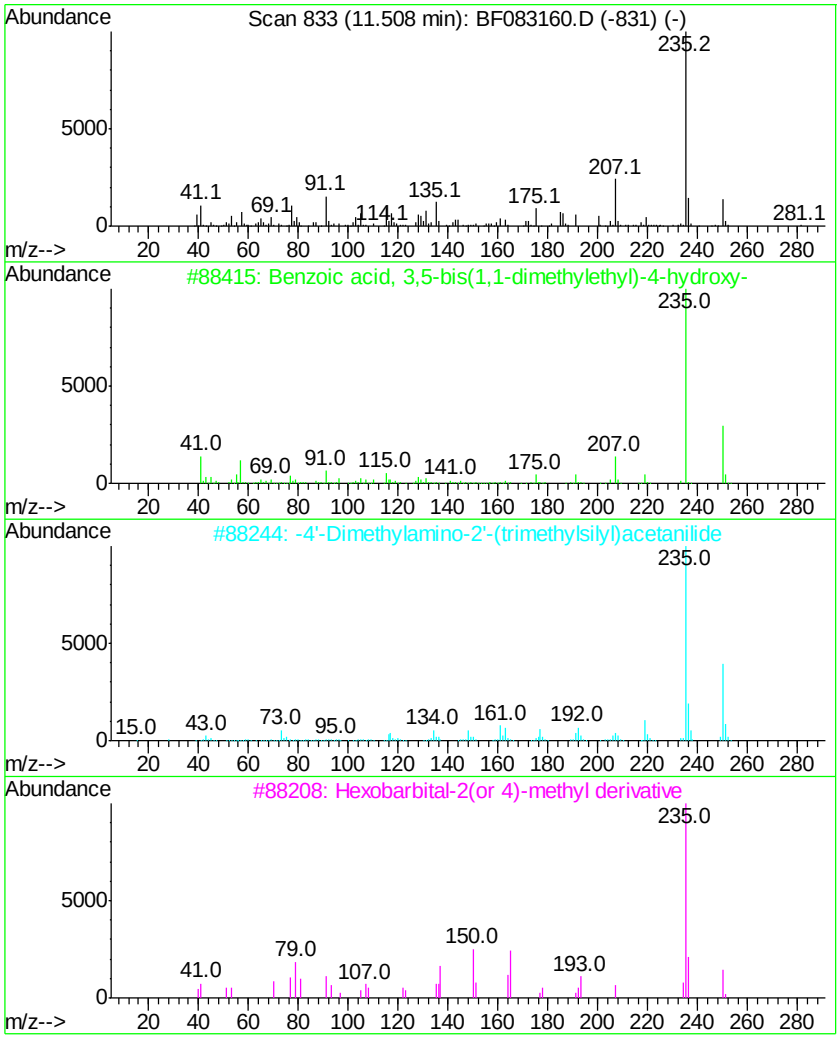
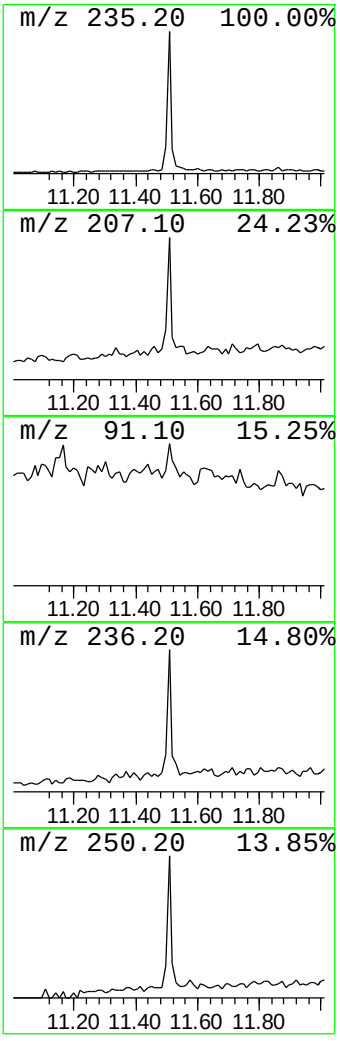
Peak Number 16 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	7.81 ng	629579	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	93
2	-4'-Dimethylamino-2'-(trimethyls...	250	C13H22N2OSi	018410-40-7	68
3	Hexobarbital-2(or 4)-methyl deri...	250	C13H18N2O3	1000123-51-5	59
4	Benzoxazole, 2-(2-benzimidazolyl)-	235	C14H9N3O	014595-67-6	58
5	Acetamide, N-[3-[(2-cyanoethyl)e...	275	C15H21N3O2	067905-64-0	53





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ClientSampleId : MW-04

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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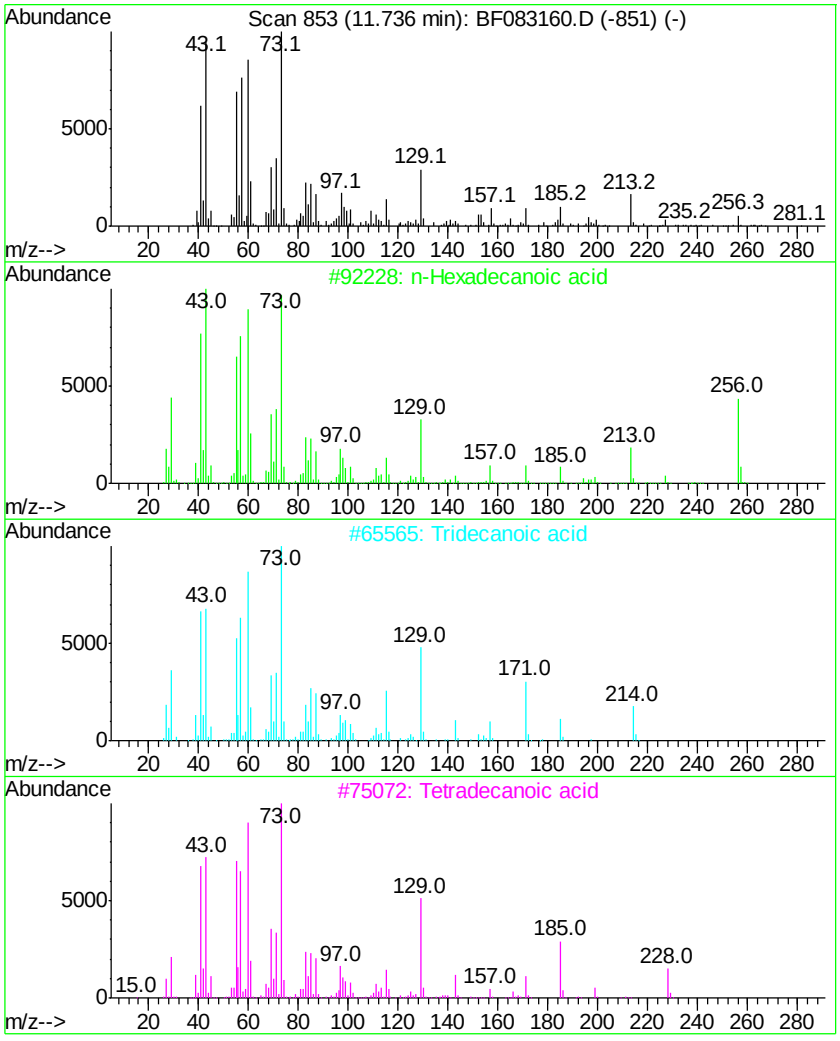
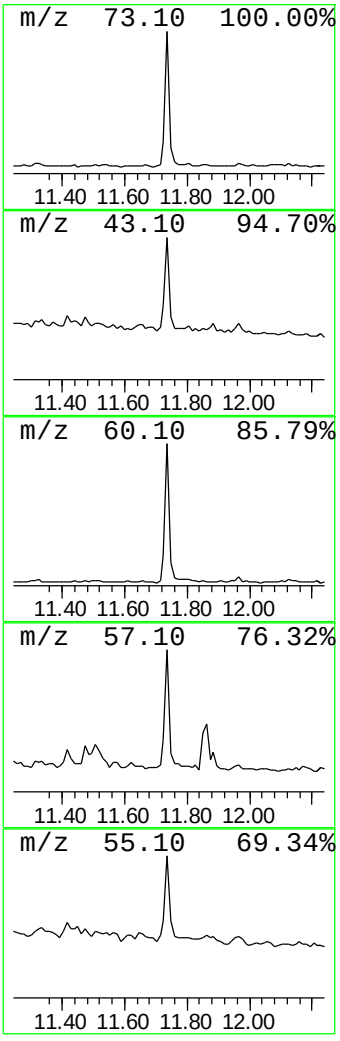
Peak Number 17 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	8.40 ng	677337	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





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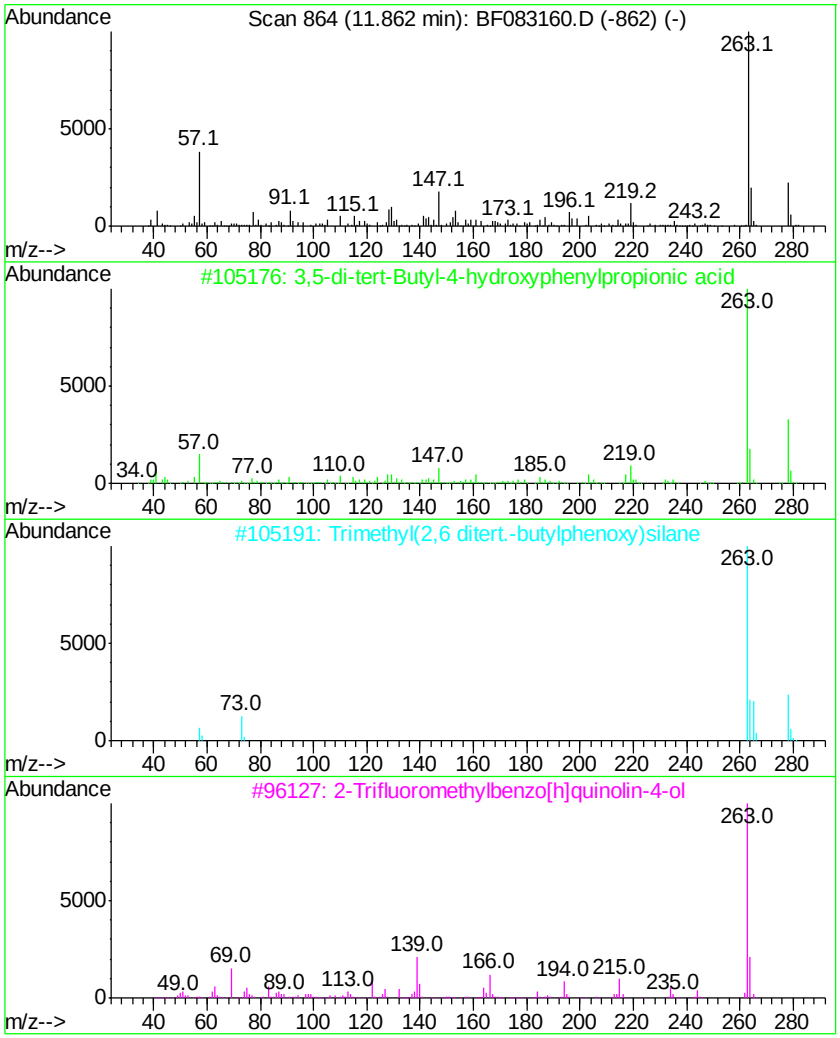
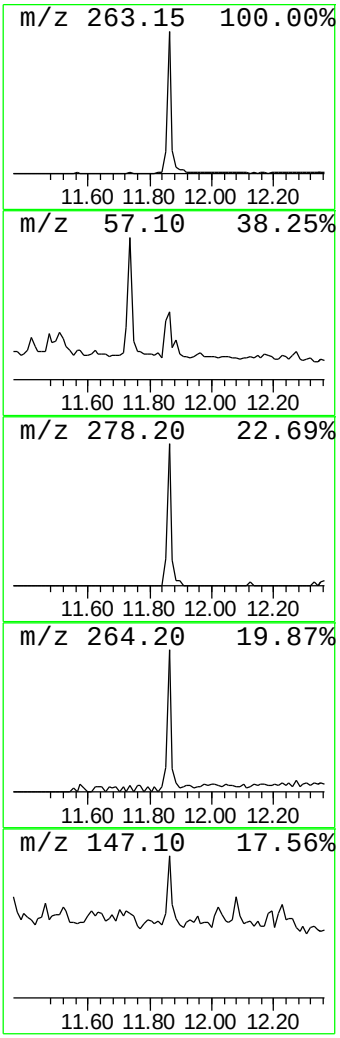
Peak Number 18 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.59 ng	289606	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxyphenyl...	278	C17H26O3	020170-32-5	93
2	Trimethyl(2,6 ditert.-butylpheno...	278	C17H30OSi	010416-73-6	59
3	2-Trifluoromethylbenzo[h]quinoli...	263	C14H8F3NO	001700-94-3	47
4	Phosphenimidous amide, tris(trim...	278	C9H27N2PSi3	050732-21-3	45
5	Pyridine, 2-(diphenylphosphino)-	263	C17H14NP	037943-90-1	43





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

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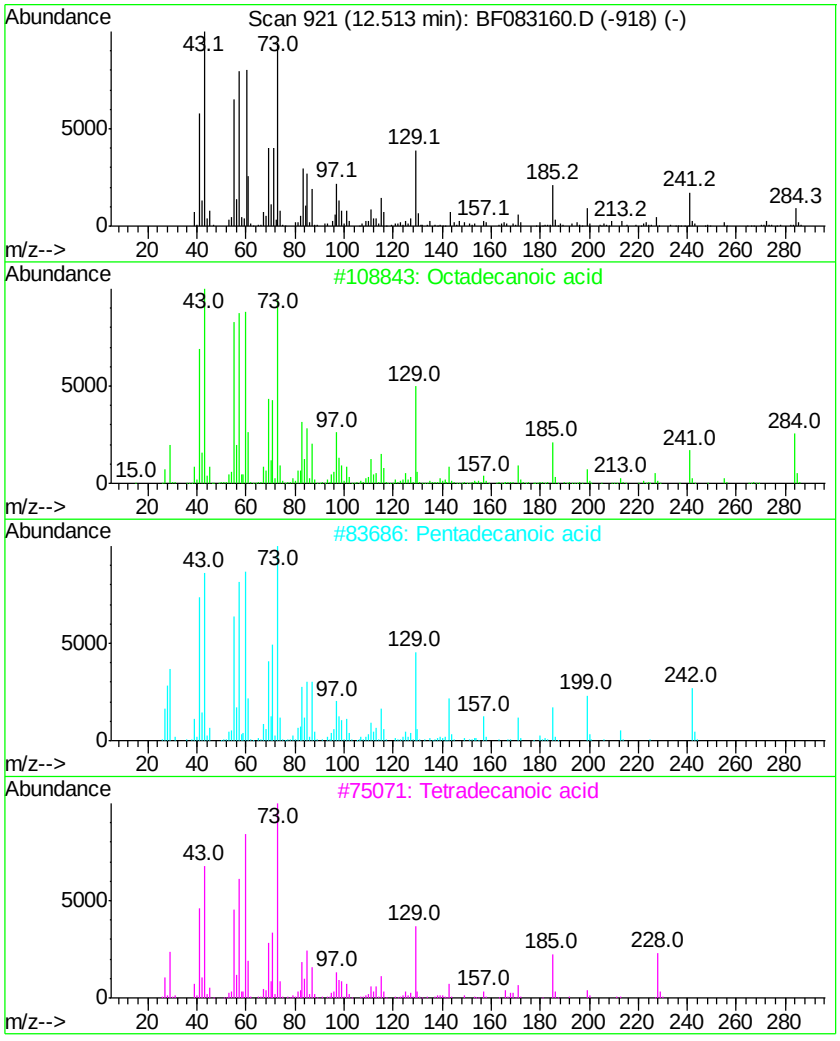
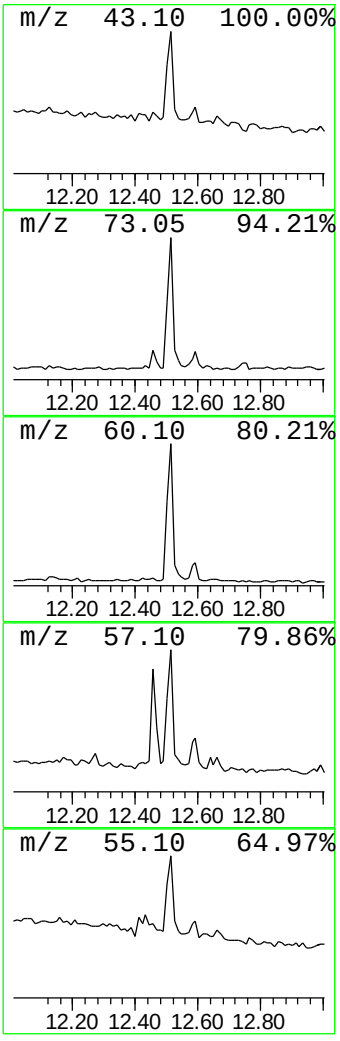
Peak Number 19 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	8.86 ng	574562	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Eicosane	282	C20H42	000112-95-8	25





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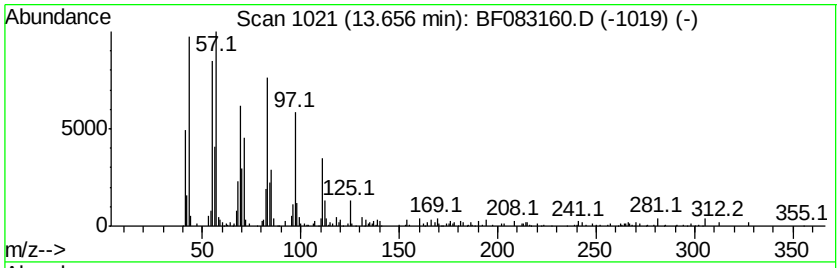
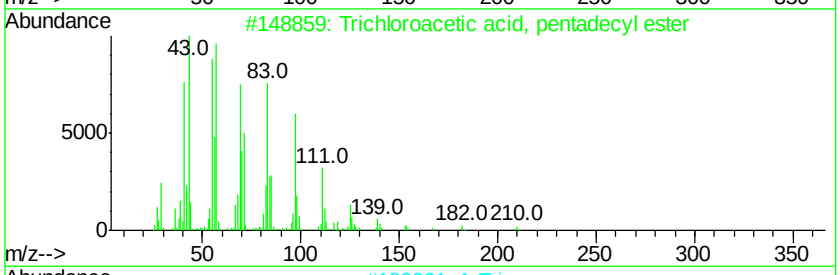
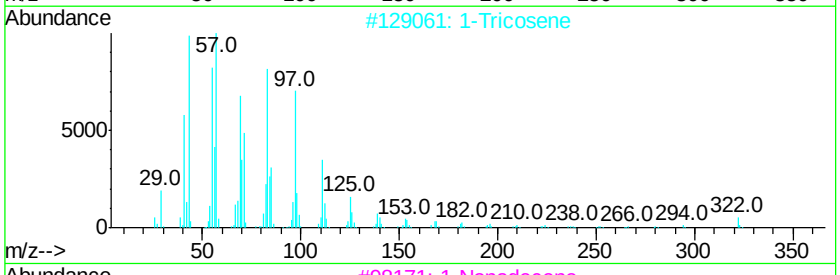
Peak Number 20 Trichloroacetic acid, penta... Concentration Rank 11

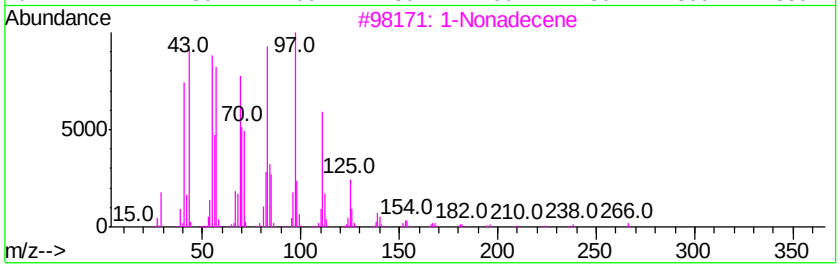
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	4.92 ng	318648	Chrysene-d12	13.79

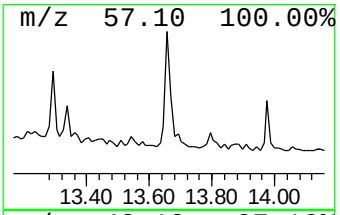
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	1-Tricosene	322	C23H46	018835-32-0	91
3	1-Nonadecene	266	C19H38	018435-45-5	86
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	86
5	1-Octadecanol	270	C18H38O	000112-92-5	83

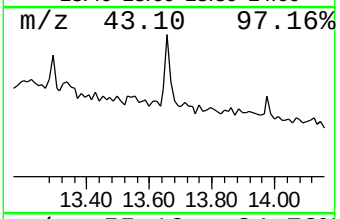


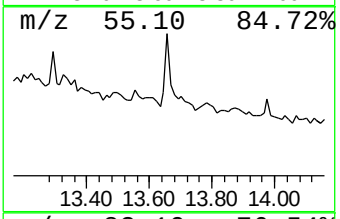


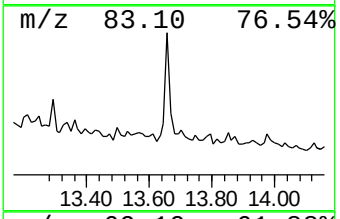


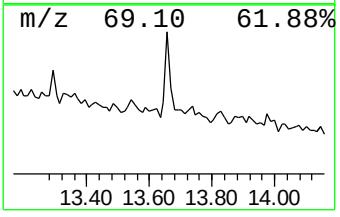












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112215\
Data File : BF083160.D
Acq On : 22 Nov 2015 15:48
Operator : UM/IZ
Sample : G4504-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-04

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-Hexanol	3.28	8.4	ng	497687	1	6.65	1189490	20.0
2-Pentanone, 4-hy...	4.80	17.6	ng	1046900	1	6.65	1189490	20.0
unknown6.42	6.42	78.2	ng	4649180	1	6.65	1189490	20.0
Naphthalene, 1,2,...	8.18	3.8	ng	318062	2	7.94	1663750	20.0
Benzocycloheptene	8.32	4.0	ng	335629	2	7.94	1663750	20.0
Benzo[b]thiophene...	8.41	4.0	ng	330026	2	7.94	1663750	20.0
Naphthalene, 1,2,...	8.95	3.4	ng	358984	3	9.69	2092610	20.0
1H-Inden-1-one, 2...	9.14	2.9	ng	298188	3	9.69	2092610	20.0
1(2H)-Naphthaleno...	9.36	8.9	ng	931594	3	9.69	2092610	20.0
unknown9.77	9.77	3.1	ng	324074	3	9.69	2092610	20.0
unknown10.07	10.07	5.0	ng	521056	3	9.69	2092610	20.0
unknown10.40	10.40	2.9	ng	305861	3	9.69	2092610	20.0
Benzenesulfonamid...	11.08	9.5	ng	769540	4	11.16	1613210	20.0
2,3-Dihydro-1-oxo...	11.28	3.4	ng	272101	4	11.16	1613210	20.0
Benzoic acid, 3,5...	11.51	7.8	ng	629579	4	11.16	1613210	20.0
n-Hexadecanoic acid	11.74	8.4	ng	677337	4	11.16	1613210	20.0
3,5-di-tert-Butyl...	11.86	3.6	ng	289606	4	11.16	1613210	20.0
Octadecanoic acid	12.51	8.9	ng	574562	5	13.79	1296520	20.0
Trichloroacetic a...	13.66	4.9	ng	318648	5	13.79	1296520	20.0