LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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-BF121716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.921	246	248	252	rBV	722359	936023	11.86%	1.534%
2	5.356	283	286	288	rBV	4079425	3804047	48.19%	6.234%
3	6.396	374	377	379	rBV	2522063	2333094	29.56%	3.823%
4	6.522	385	388	391	rBV	4363825	5687091	72.04%	9.319%
5	6.762	406	409	411	rBV	1087723	1527447	19.35%	2.503%
6	6.910	420	422	425	rVB	4030404	4984717	63.15%	8.168%
7	7.105	436	439	441	rBV	123903	142776	1.81%	0.234%
8	7.150	441	443	446	rBV3	53450	100508	1.27%	0.165%
9	7.276	451	454	455	rBV	124256	156634	1.98%	0.257%
10	7.322	455	458	461	rVV	3348527	4483724	56.80%	7.347%
11	7.413	463	466	467	rVV2	107928	179677	2.28%	0.294%
12	7.459	467	470	471	rVV3	73318	134145	1.70%	0.220%
13	7.539	475	477	478	rVB	87540	82770	1.05%	0.136%
14	7.573	478	480	482	rVB2	57090	94232	1.19%	0.154%
15	7.619	482	484	486	rBV2	100013	154554	1.96%	0.253%
16	7.699	489	491	495	rVB4	62875	134054	1.70%	0.220%
17	7.790	495	499	503	rBV6	75066	240719	3.05%	0.394%
18	7.962	511	514	515	rBV2	88633	160660	2.04%	0.263%
19	7.985	515	516	518	rVB2	134137	90222	1.14%	0.148%
20	8.042	518	521	524	rBV	2351204	2168824	27.47%	3.554%
21	8.236	536	538	541	rBV2	35737	80611	1.02%	0.132%
22	8.339	544	547	548	rBV2	48257	88220	1.12%	0.145%
23	8.430	551	555	557	rBV4	85220	136995	1.74%	0.224%
24	8.476	557	559	561	rBV3	76393	140448	1.78%	0.230%
25	8.522	561	563	565	rVB3	102284	117167	1.48%	0.192%
26	8.579	565	568	569	rBV	268531	299249	3.79%	0.490%
27	8.659	573	575	578	rBV	79305	152098	1.93%	0.249%
28	8.785	584	586	588	rBV3	88668	79856	1.01%	0.131%
29	8.876	590	594	598	rVB5	84624	244103	3.09%	0.400%
30	8.990	603	604	606	rBV2	87056	84541	1.07%	0.139%
31	9.036	606	608	610	rBV3	85094	174824	2.21%	0.286%
32	9.070	610	611	613	rVV2	176596	234803	2.97%	0.385%
33	9.128	613	616	617	rVV	6513344	7893909	100.00%	12.935%
34	9.150	617	618	621	rVB2	96172	125632	1.59%	0.206%

LSC Area Percent Report

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Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

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-BF121716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.288	627	630	631	rBV3	54563	106424	1.35%	0.174%
36	9.310	631	632	633	rVB	119095	81640	1.03%	0.134%
37	9.333	633	634	637	rVB2	88059	126554	1.60%	0.207%
38	9.425	637	642	643	rBV4	128516	294111	3.73%	0.482%
39	9.459	643	645	646	rBV	162261	177778	2.25%	0.291%
40	9.516	649	650	652	rVB	149497	117285	1.49%	0.192%
41	9.608	656	658	660	rVB2	116460	161576	2.05%	0.265%
42	9.642	660	661	664	rVB3	85338	124850	1.58%	0.205%
43	9.688	664	665	670	rBV3	49071	124187	1.57%	0.203%
44	9.790	670	674	676	rBV	1975775	2380373	30.15%	3.901%
45	10.065	693	698	699	rBV5	115594	279479	3.54%	0.458%
46	10.111	699	702	704	rBV	464603	808307	10.24%	1.325%
47	10.236	711	713	715	rVB2	137539	142144	1.80%	0.233%
48	10.465	731	733	735	rBV2	91711	116662	1.48%	0.191%
49	10.591	740	744	746	rBV	3382900	4578625	58.00%	7.503%
50	10.705	752	754	757	rVB2	168745	224075	2.84%	0.367%
51	10.933	772	774	778	rVB4	116987	278334	3.53%	0.456%
52	11.151	790	793	795	rVB2	377126	434628	5.51%	0.712%
53	11.185	795	796	797	rBV	90851	81240	1.03%	0.133%
54	11.276	802	804	806	rBV	2277914	1988870	25.19%	3.259%
55	11.825	850	852	855	rVB2	518666	568150	7.20%	0.931%
56	12.602	918	920	926	rVV	275624	328442	4.16%	0.538%
57	12.694	926	928	931	rVB2	73531	102483	1.30%	0.168%
58	12.865	940	943	945	rBV	5904638	6092118	77.17%	9.983%
59	13.768	1020	1022	1026	rVB2	133627	187069	2.37%	0.307%
60	13.905	1031	1034	1036	rBV	1737173	1619304	20.51%	2.653%
61	15.300	1153	1156	1159	rBV	1005752	1253236	15.88%	2.054%
62	15.620	1181	1184	1191	rVB	77452	150588	1.91%	0.247%
63	16.157	1228	1231	1233	rBV	77268	147749	1.87%	0.242%
64	16.808	1284	1288	1293	rVB	70803	188250	2.38%	0.308%
65	17.586	1352	1356	1364	rVB2	53939	182681	2.31%	0.299%
66	18.557	1437	1441	1448	rVB2	36166	129993	1.65%	0.213%

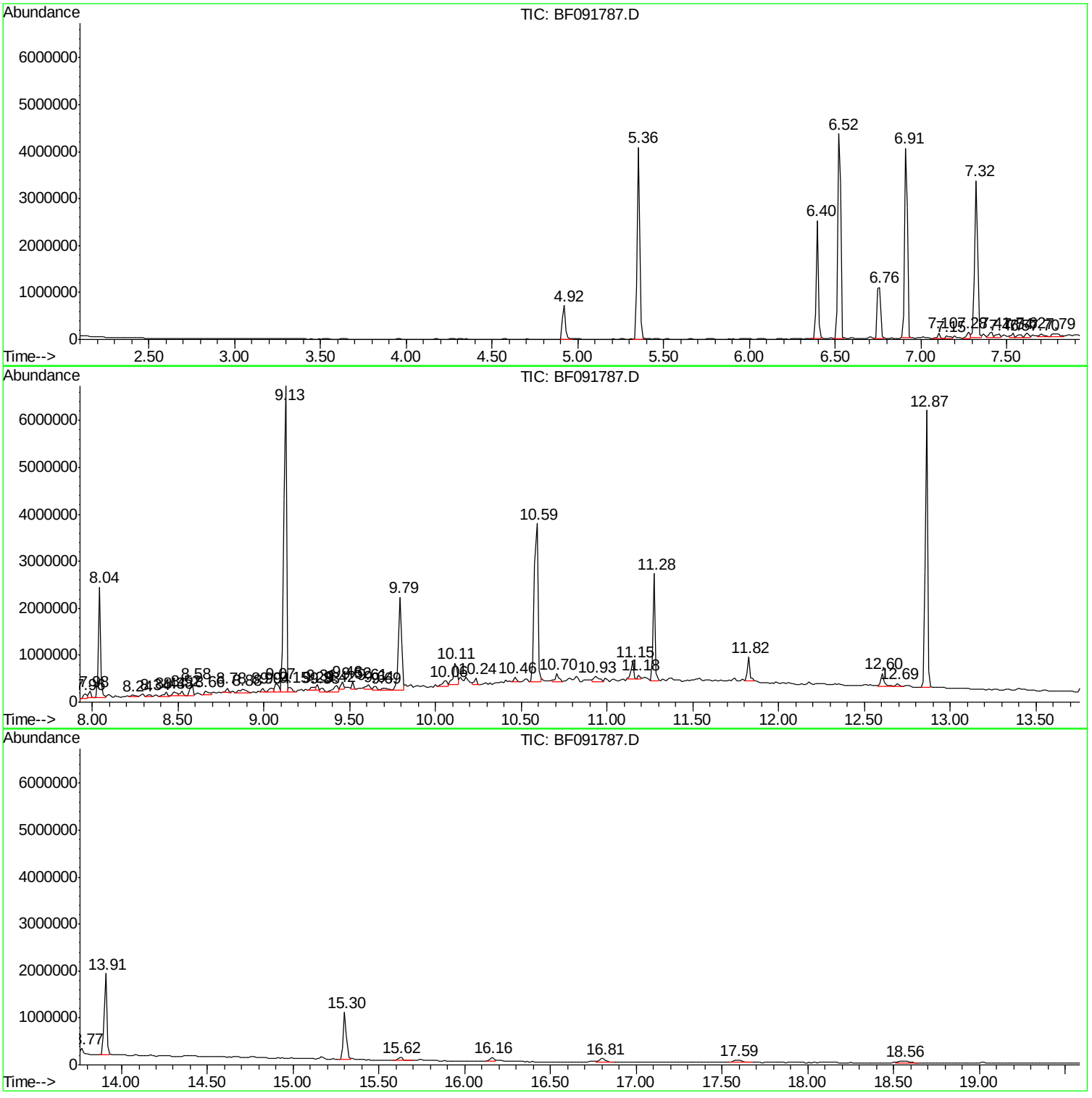
Sum of corrected areas: 61025579

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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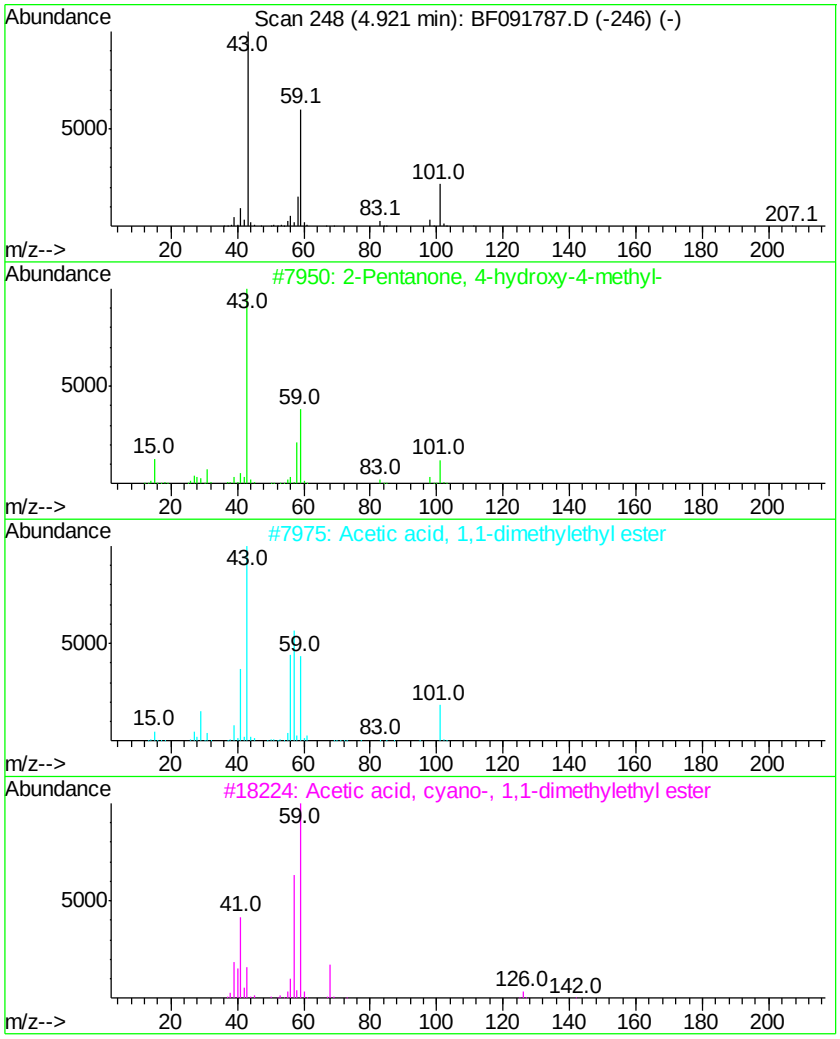
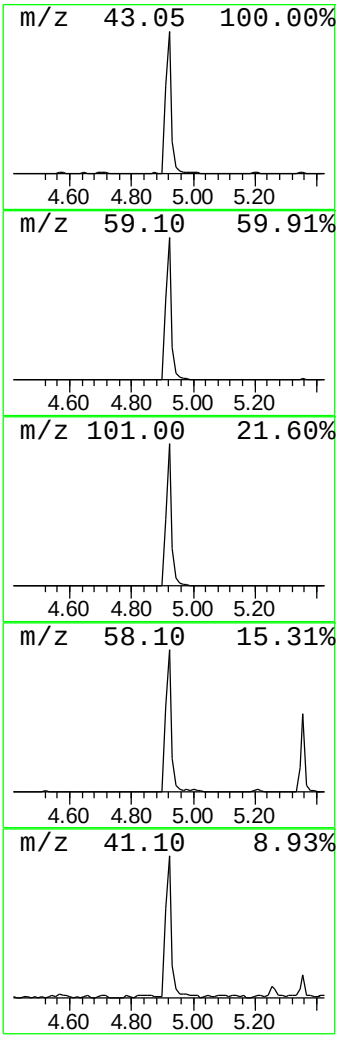
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	12.26 ng	936023	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
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	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

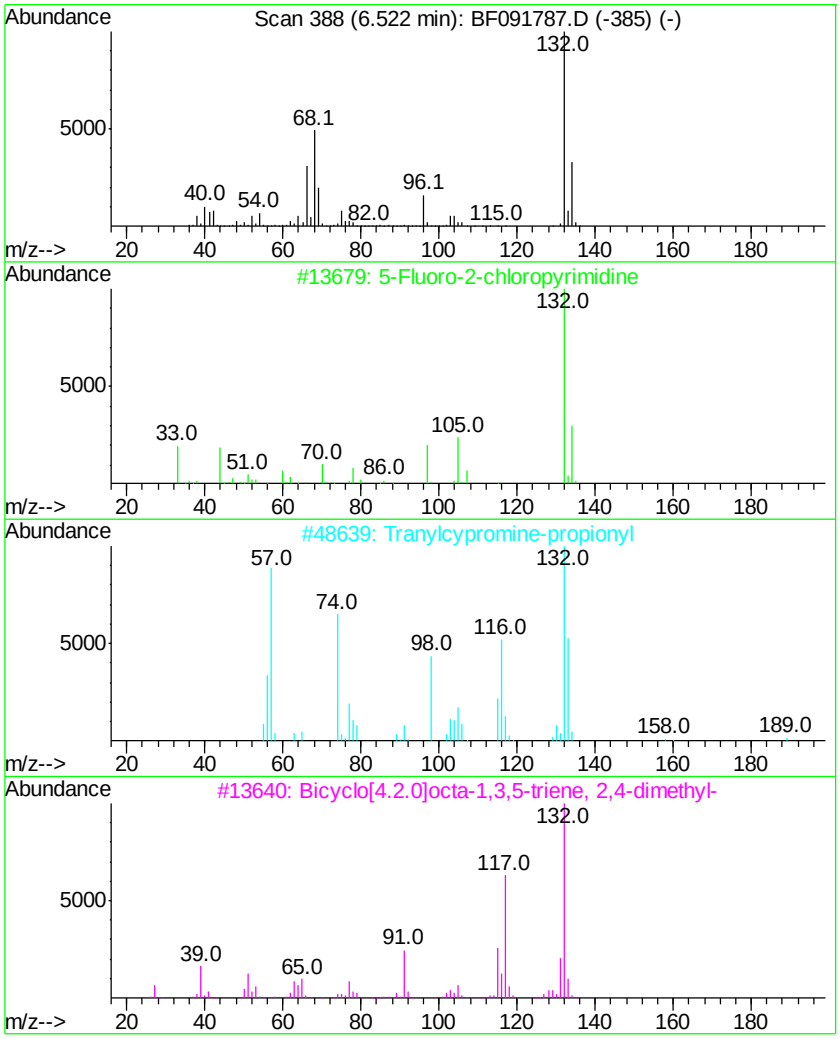
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

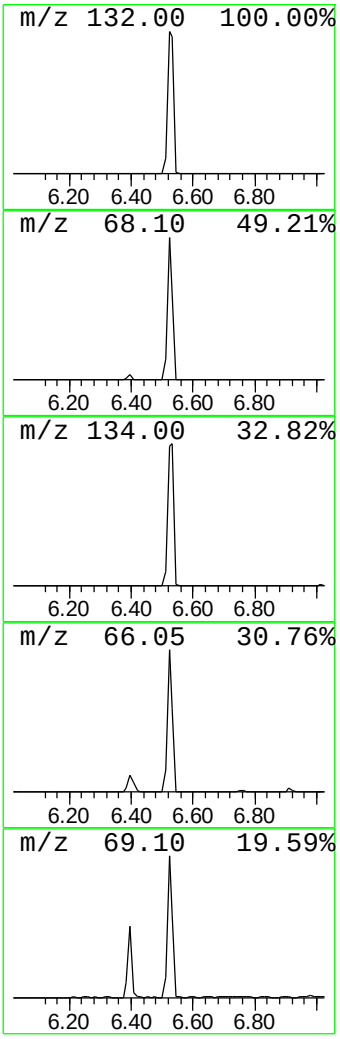
****

Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	74.47 ng	5687090	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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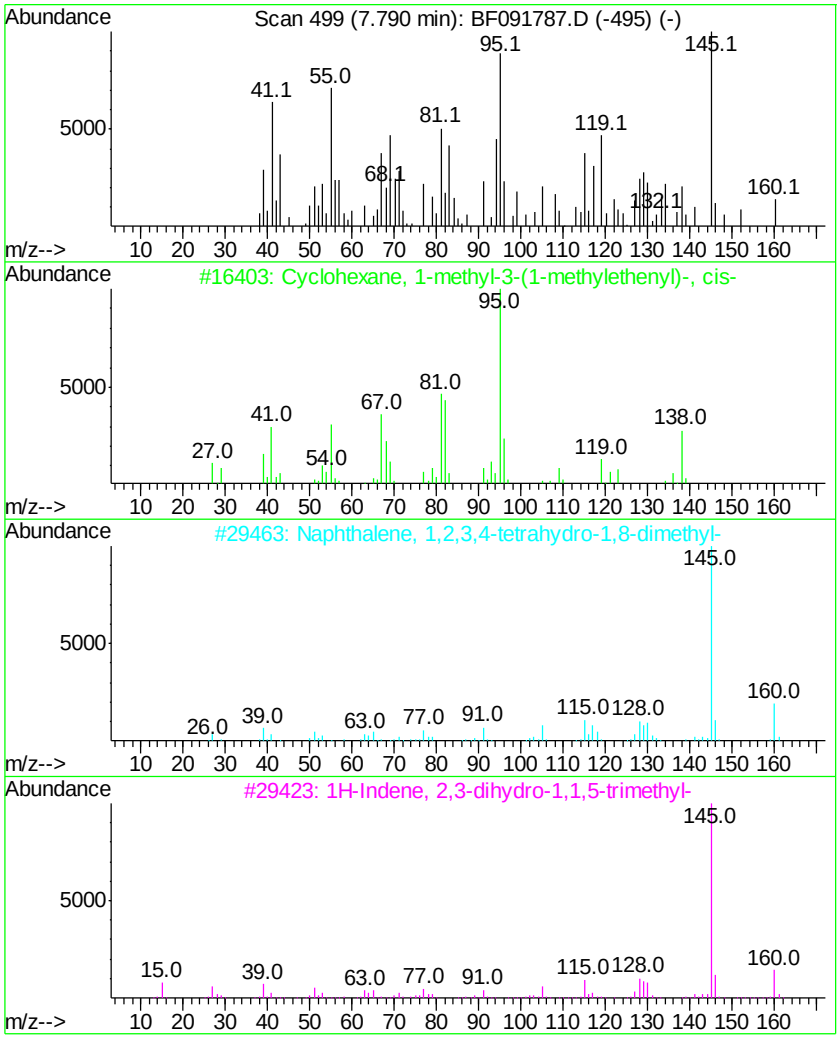
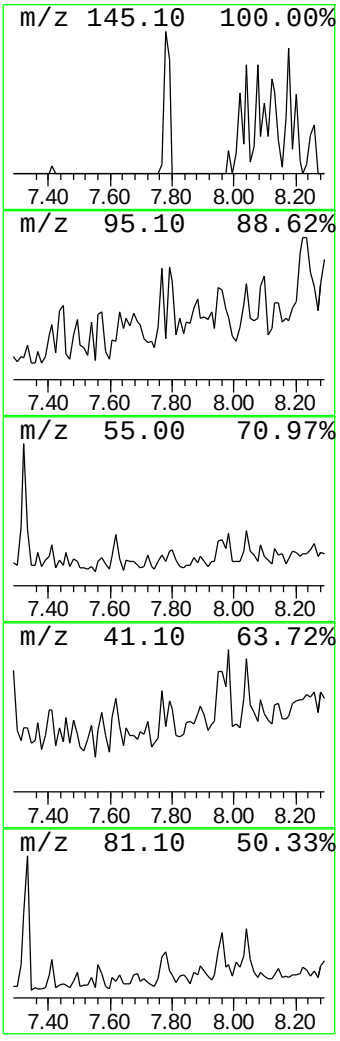
Peak Number 4 unknown7.79 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	2.22 ng	240719	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	35
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	30
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	25
4	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	25
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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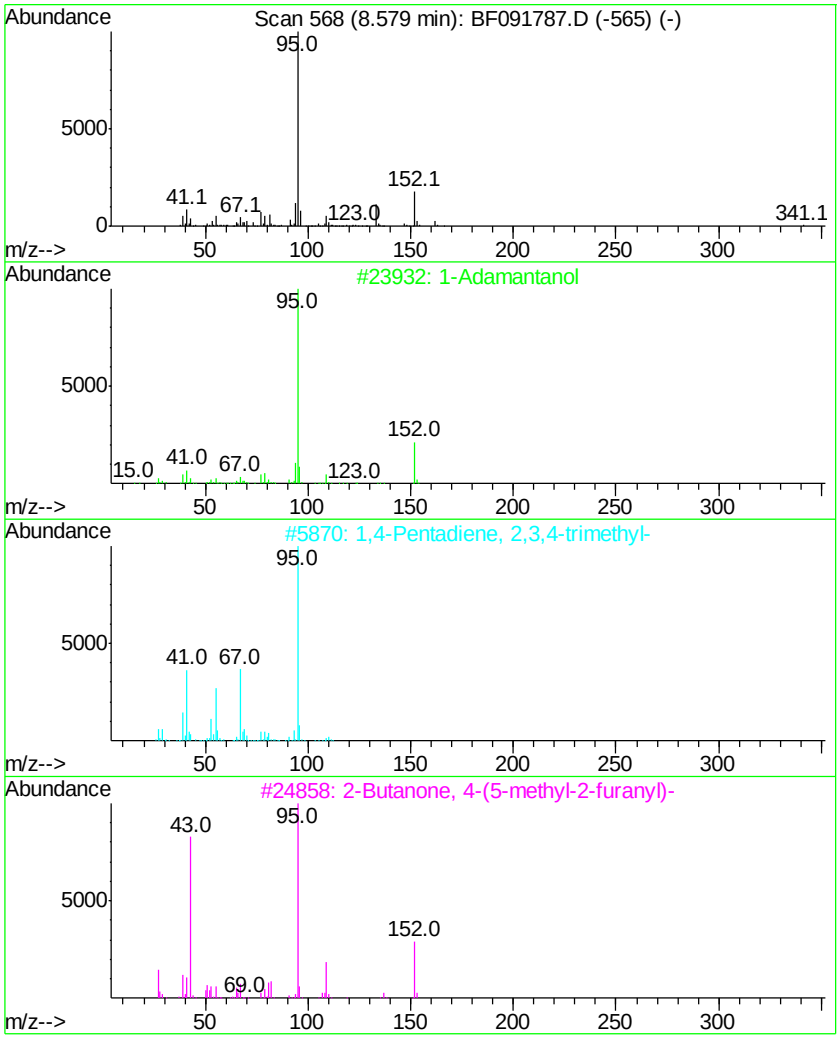
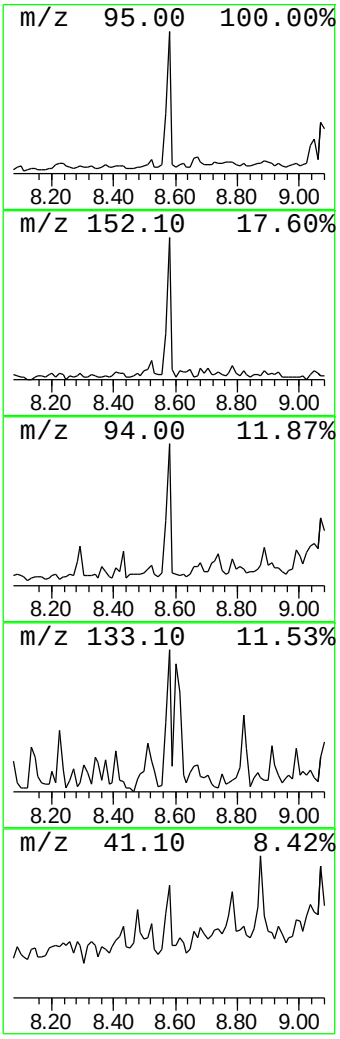
Peak Number 5 1-Adamantanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	2.76 ng	299249	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	87
2	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	50
3	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	45
4	2-Oxatricyclo[3.3.1.1(3,7)]decan...	152	C10H16O	006508-22-1	45
5	2-Cyclopentene-1-butanal, .gamma...	194	C13H22O	060714-25-2	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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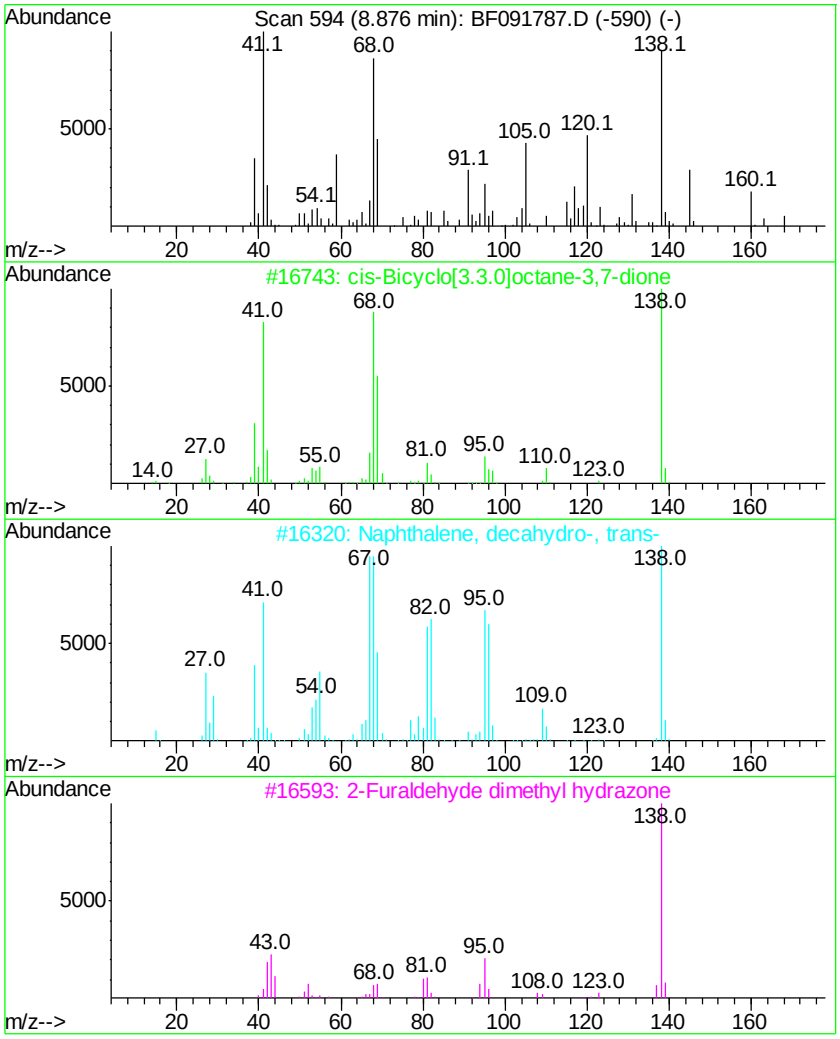
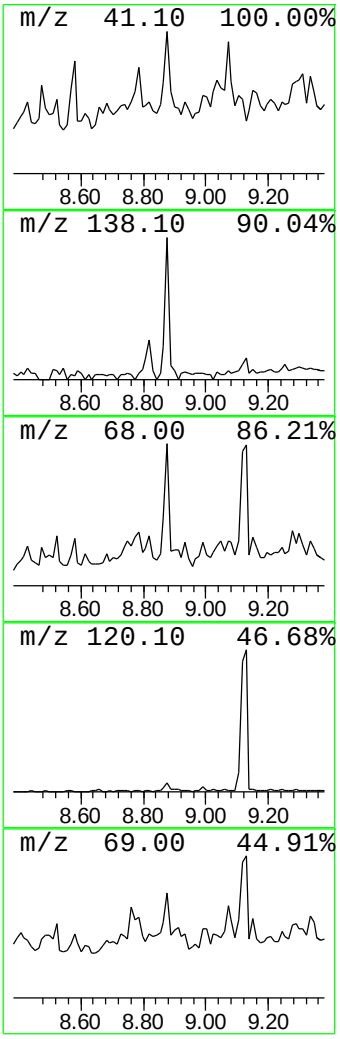
Peak Number 6 unknown8.88 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	2.25 ng	244103	Naphthalene-d8	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Bicyclo[3.3.0]octane-3,7-dione	138	C8H10O2	051716-63-3	49
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	38
3	2-Furaldehyde dimethyl hydrazone	138	C7H10N2O	014064-21-2	22
4	Phenol, 2-methoxy-4-methyl-	138	C8H10O2	000093-51-6	14
5	2-Hydroxymethyl-3(5)-methyl-6-(3...	194	C11H18N2O	1000108-69-8	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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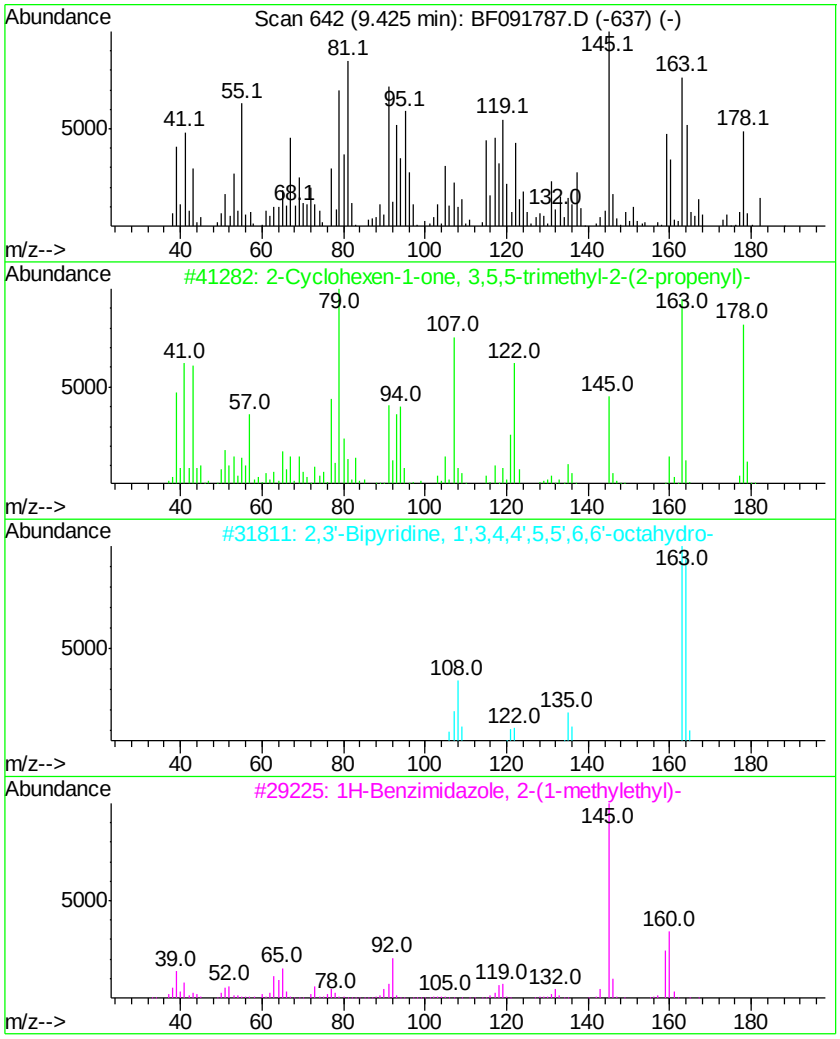
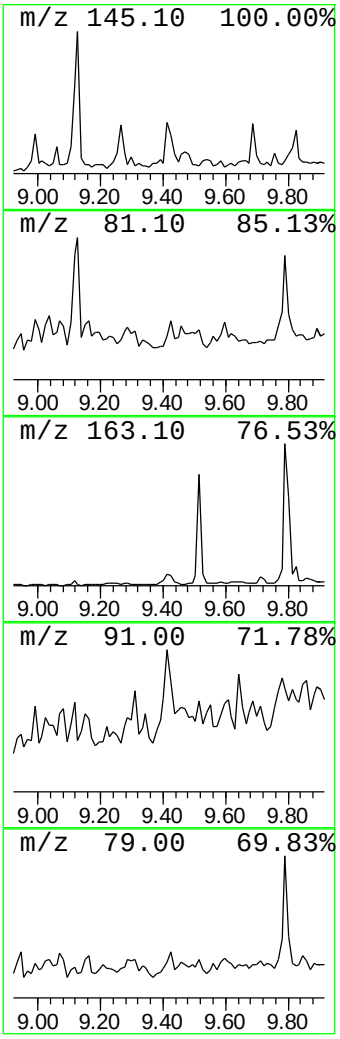
Peak Number 7 unknown9.42 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	2.47 ng	294111	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3,5,5-trimet...	178	C12H18O	053543-47-8	38
2	2,3'-Bipyridine, 1',3,4,4',5,5',...	164	C10H16N2	018017-50-0	35
3	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	25
4	2-(5-Isopropyl-2-methylphenyl)et...	178	C12H18O	004389-64-4	18
5	1-Methyl-2-methylene-trans-decalin	164	C12H20	090548-09-7	15





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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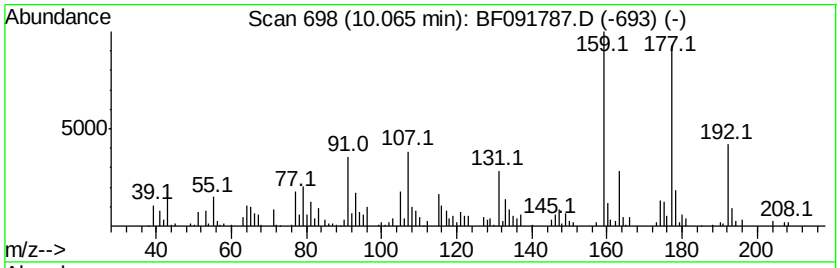
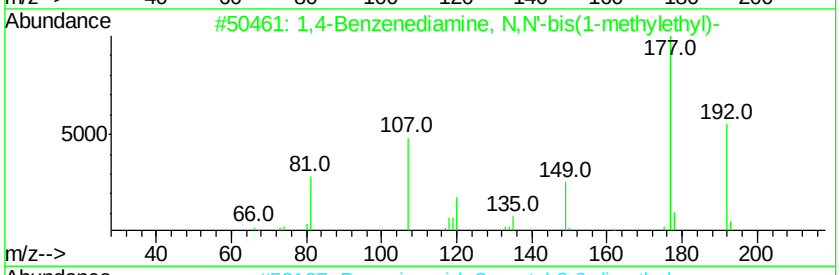
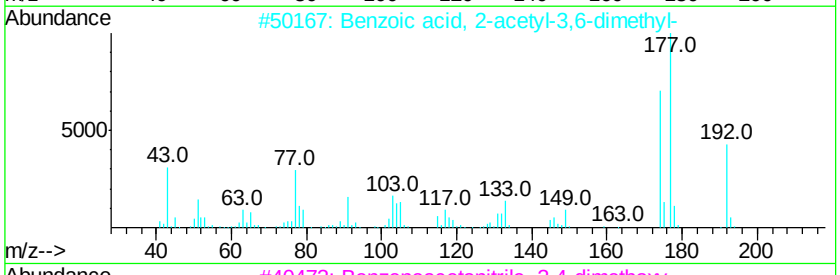
Peak Number 8 unknown10.06 Concentration Rank 15

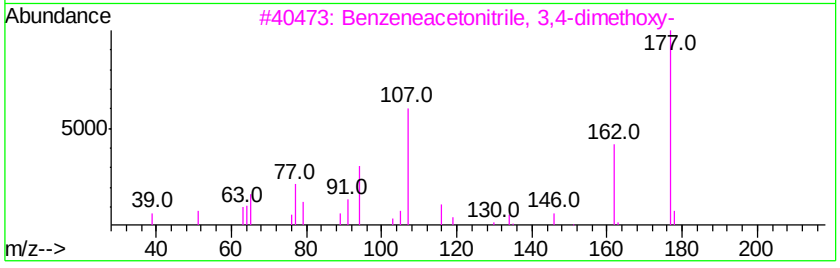
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	2.35 ng	279479	Acenaphthene-d10	9.79

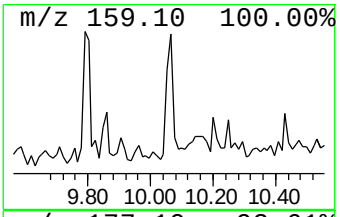
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	46
2	Benzoic acid, 2-acetyl-3,6-dimet...	192	C11H12O3	146950-86-9	45
3	Benzeneacetonitrile, 3,4-dimethoxy-	177	C10H11NO2	000093-17-4	38
4	2,6-Diisopropylanisole	192	C13H20O	002944-52-7	38
5	6-Isopropyl-benzothiazol-2-ylamine	192	C10H12N2S	032895-14-0	38

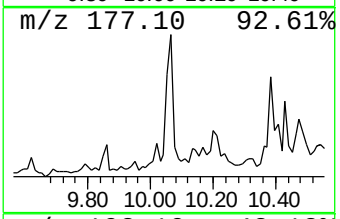


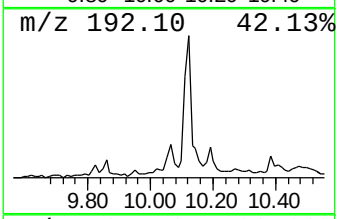


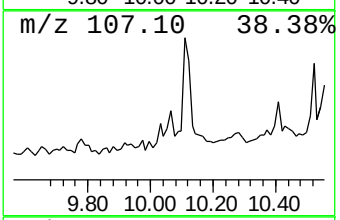


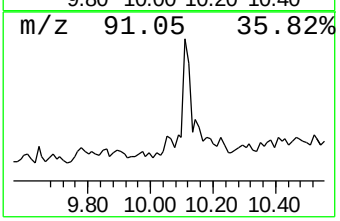












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Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

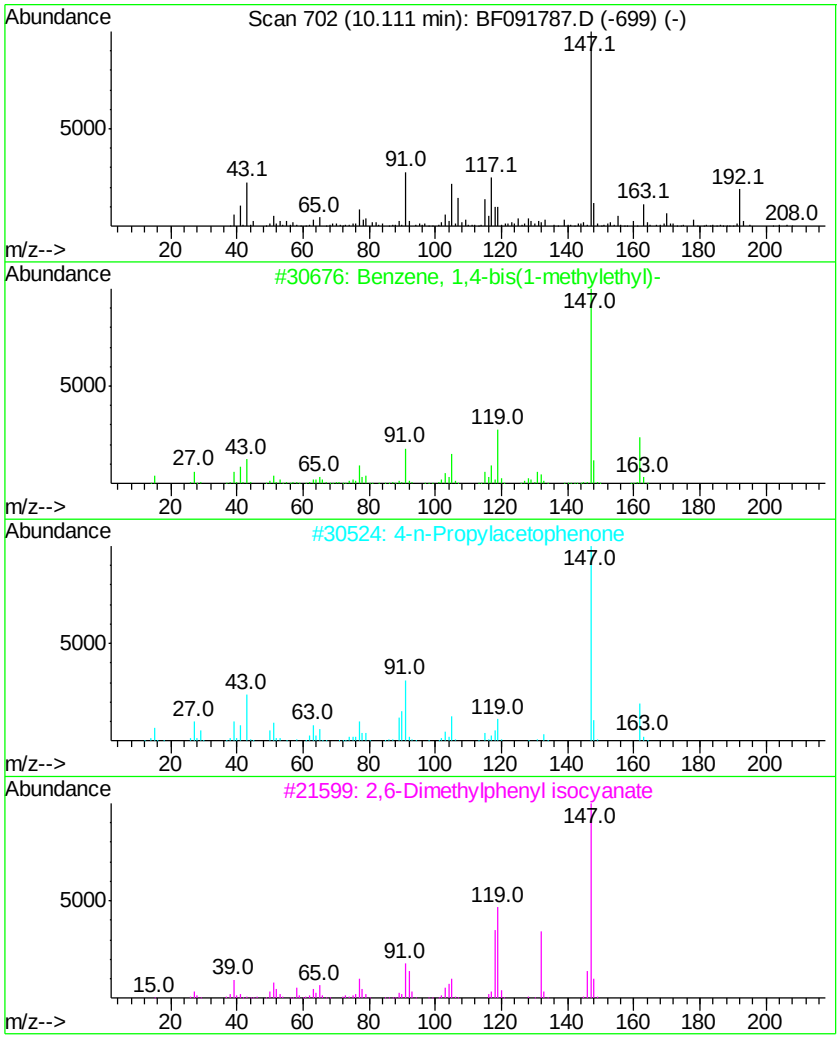
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

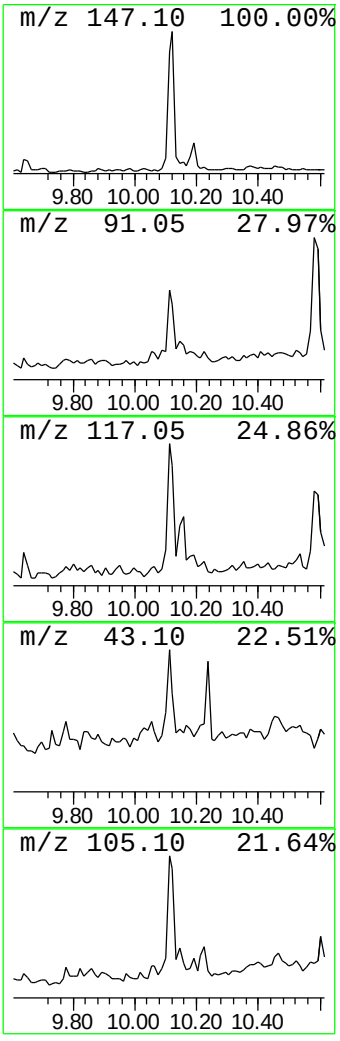
****

Peak Number 9 Benzene, 1,4-bis(1-methylet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	6.79 ng	808307	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	50
2	4-n-Propylacetophenone	162	C11H14O	002932-65-2	50
3	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	47
4	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	47
5	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	47





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Sample : H6011-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-07

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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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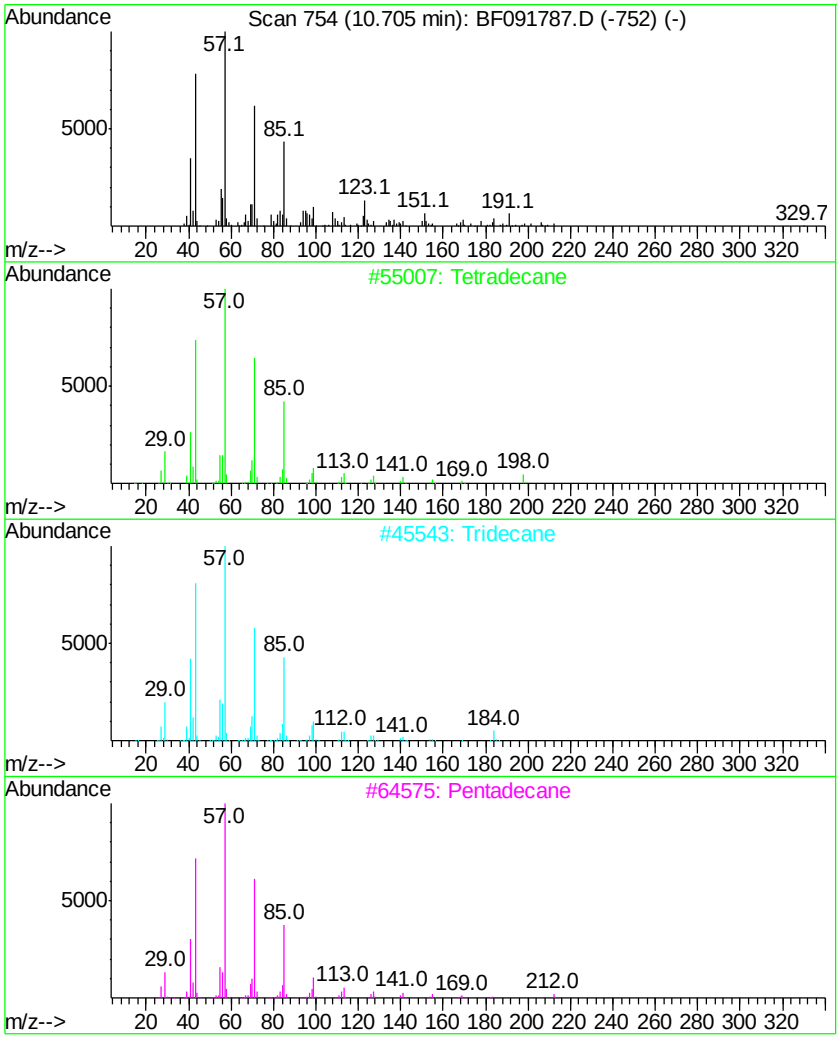
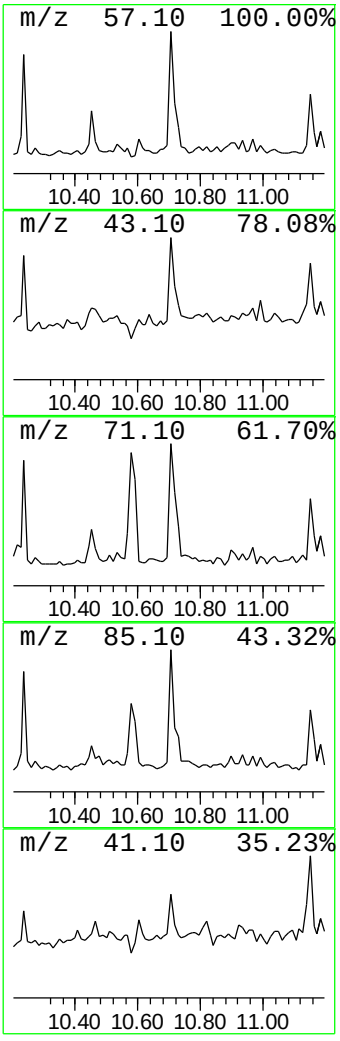
Peak Number 10 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.25 ng	224075	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Tridecane	184	C13H28	000629-50-5	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
5	Tetracosane	338	C24H50	000646-31-1	72





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Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
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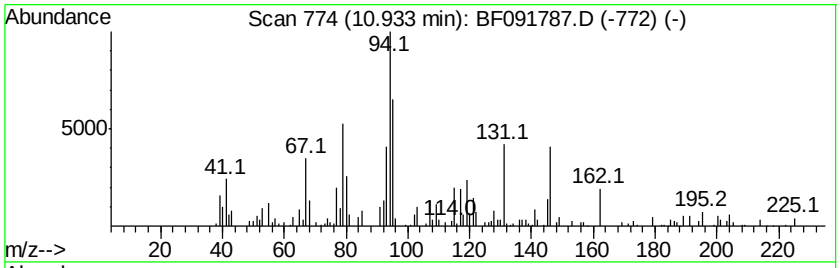
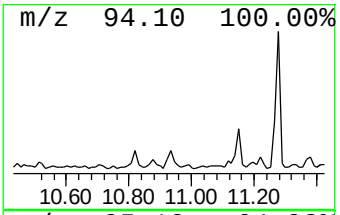
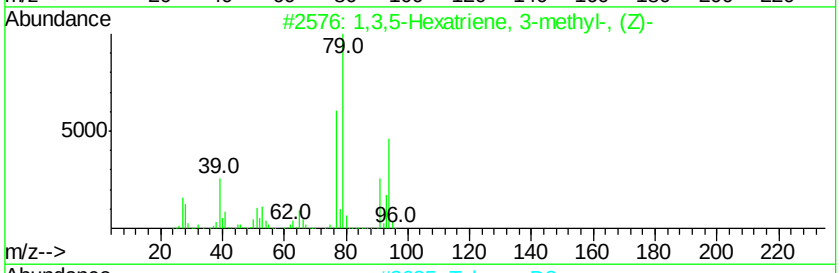
Peak Number 11 unknown10.93 Concentration Rank 10

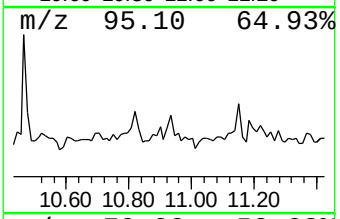
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	2.80 ng	278334	Phenanthrene-d10	11.28

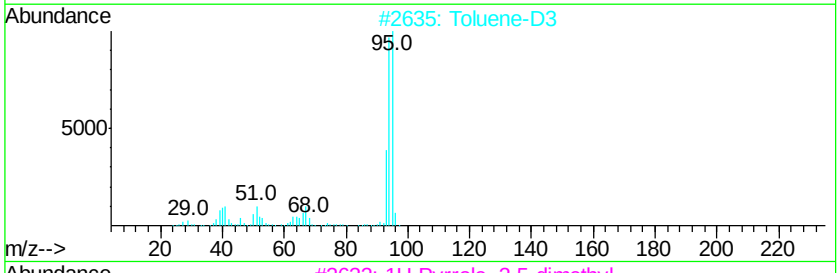
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Hexatriene, 3-methyl-, (Z)-	94	C7H10	024587-27-7	38
2	Toluene-D3	95	C7H5D3	001124-18-1	35
3	1H-Pyrrole, 2,5-dimethyl-	95	C6H9N	000625-84-3	27
4	3-(3-Oxo-2-prop-2-ynyl-cyclopent...	208	C12H16O3	344885-14-9	27
5	.alpha.-Santalol	220	C15H24O	000115-71-9	27

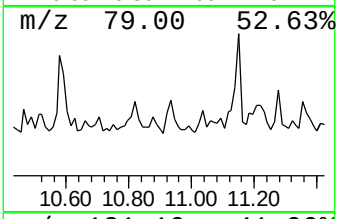


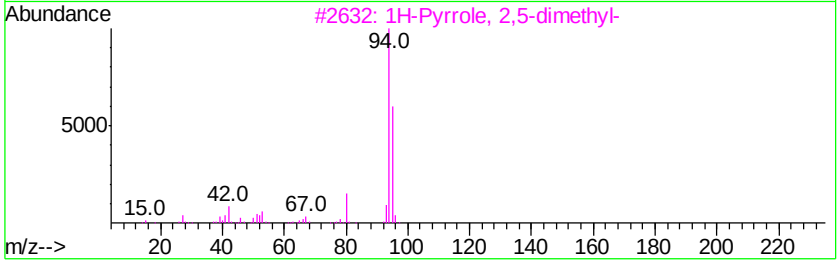


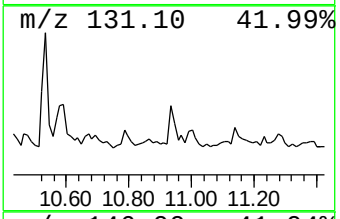


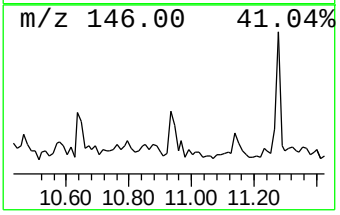












Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

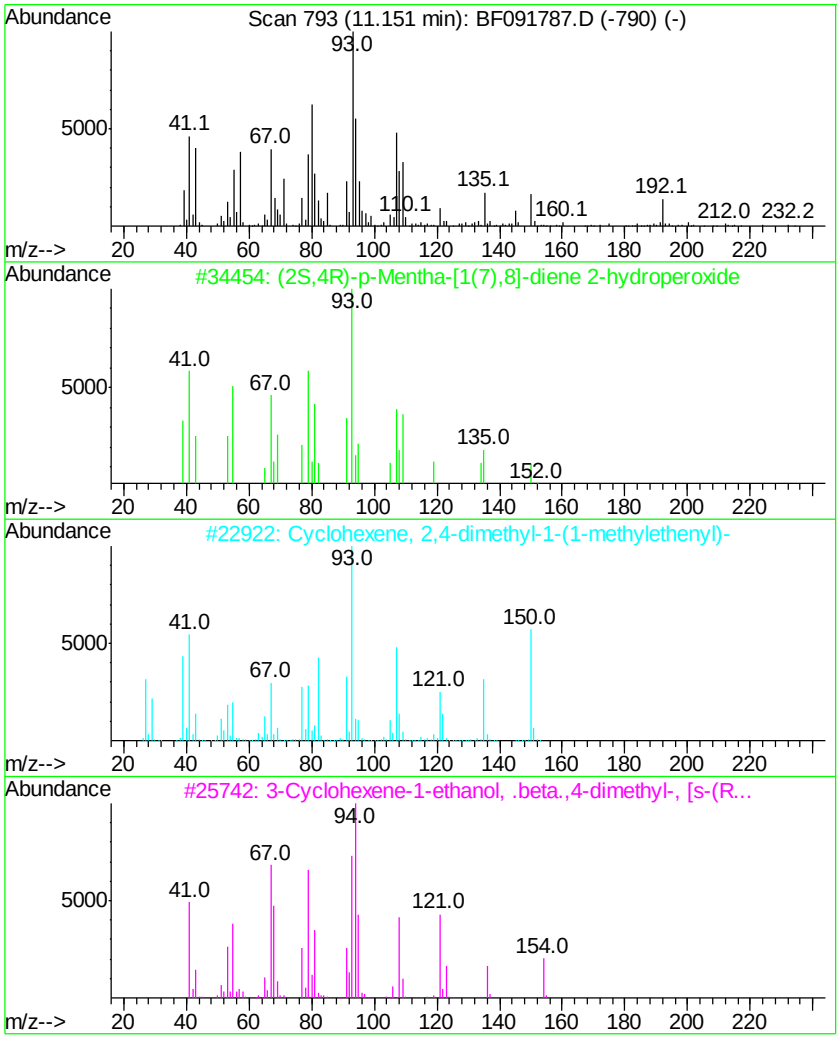
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

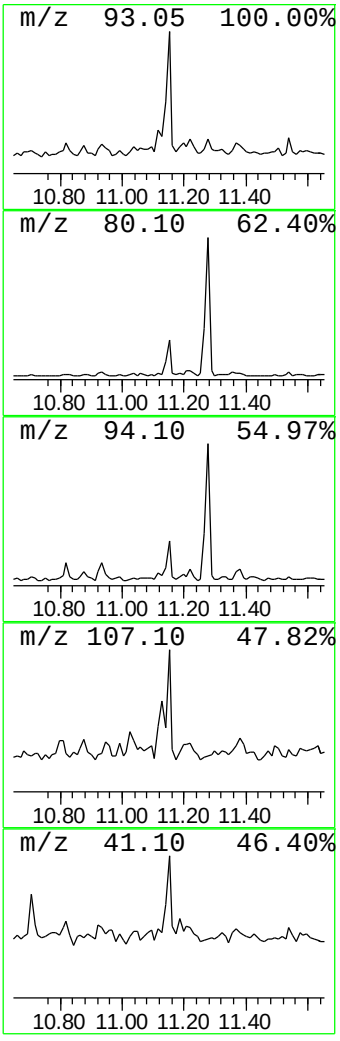
****

Peak Number 12 unknown11.15 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	4.37 ng	434628	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2S,4R)-p-Mentha-[1(7),8]-diene ...	168	C10H16O2	1000292-74-4	47
2	Cyclohexene, 2,4-dimethyl-1-(1-m...	150	C11H18	056763-60-1	43
3	3-Cyclohexene-1-ethanol, .beta.,...	154	C10H18O	013835-75-1	38
4	(4-Methyl-cyclohex-3-enyl)-methanol	126	C8H14O	089690-46-0	38
5	1,5-Dimethyl-1-vinyl-4-hexenyl b...	224	C14H24O2	000078-36-4	35





Library Search Compound Report

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Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
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Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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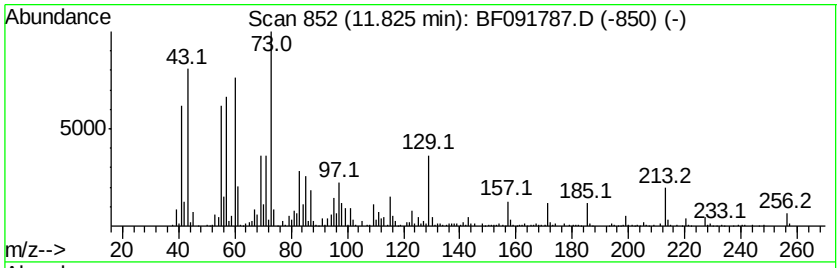
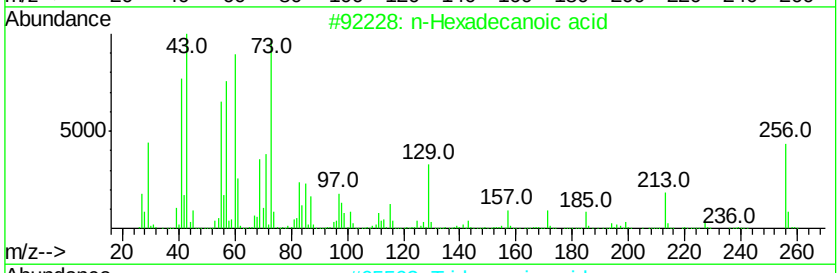
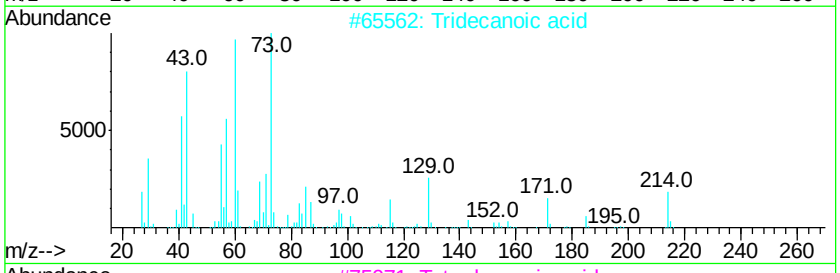
Peak Number 13 n-Hexadecanoic acid Concentration Rank 5

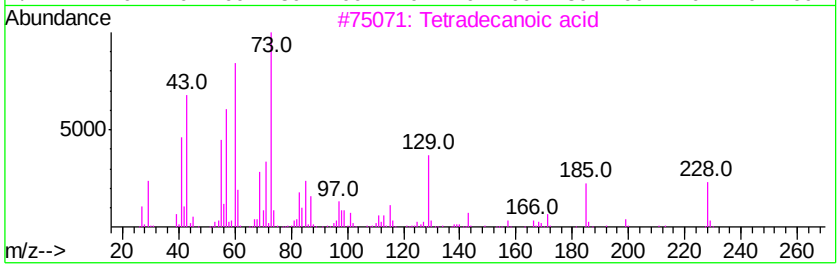
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	5.71 ng	568150	Phenanthrene-d10	11.28

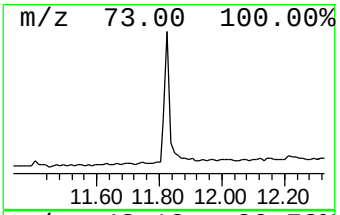
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Methyl isopropylidene-.beta.-d-a...	204	C9H16O5	1000129-88-1	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43

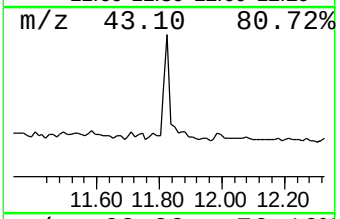


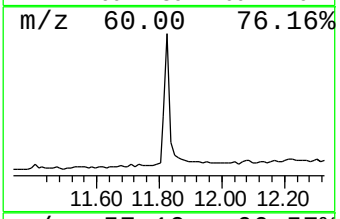


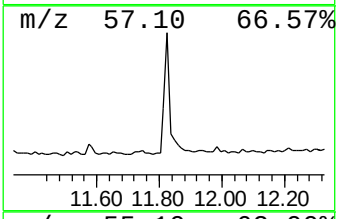


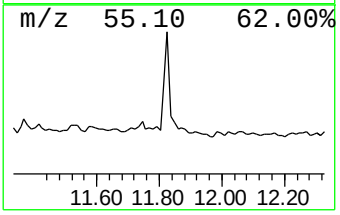












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Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

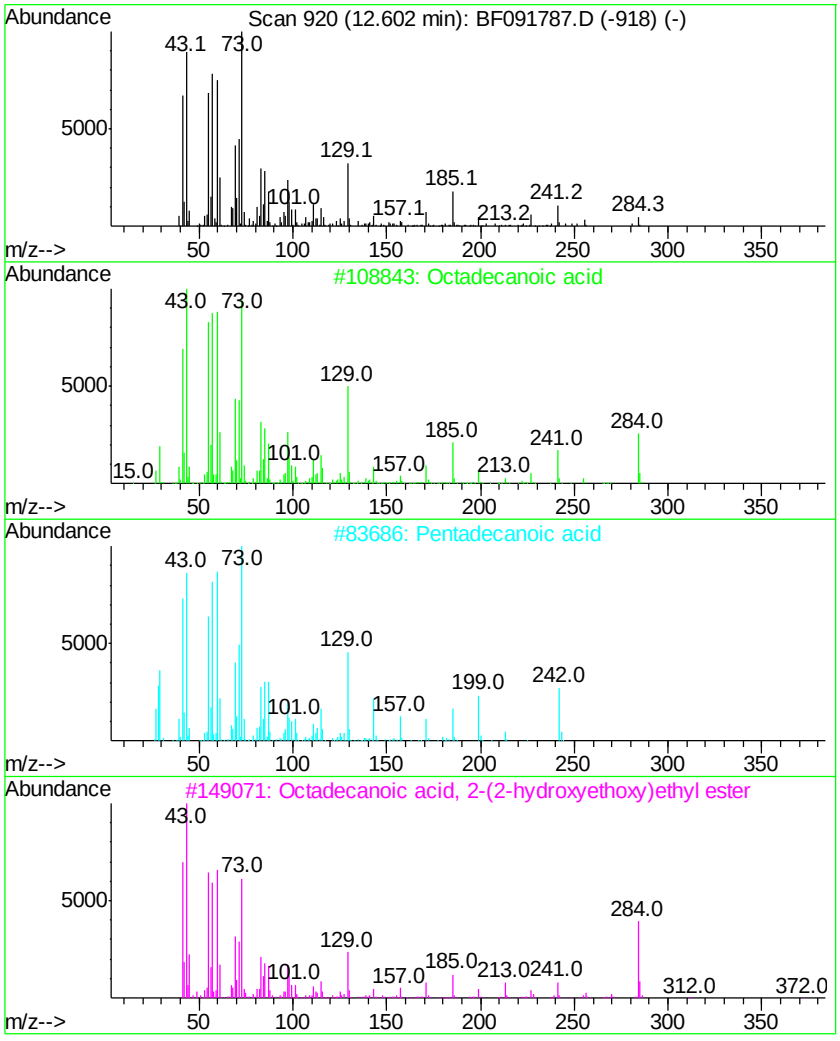
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

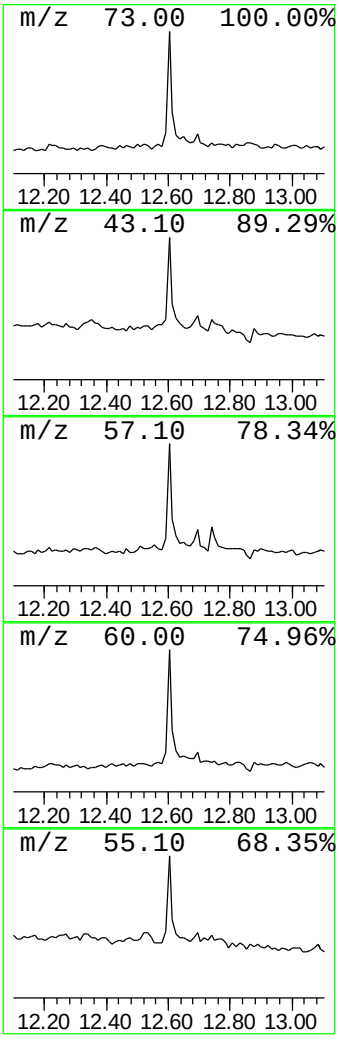
****

Peak Number 14 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	4.06 ng	328442	Chrysene-d12	13.91

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	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	Undecane	156	C11H24	001120-21-4	11
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	11





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

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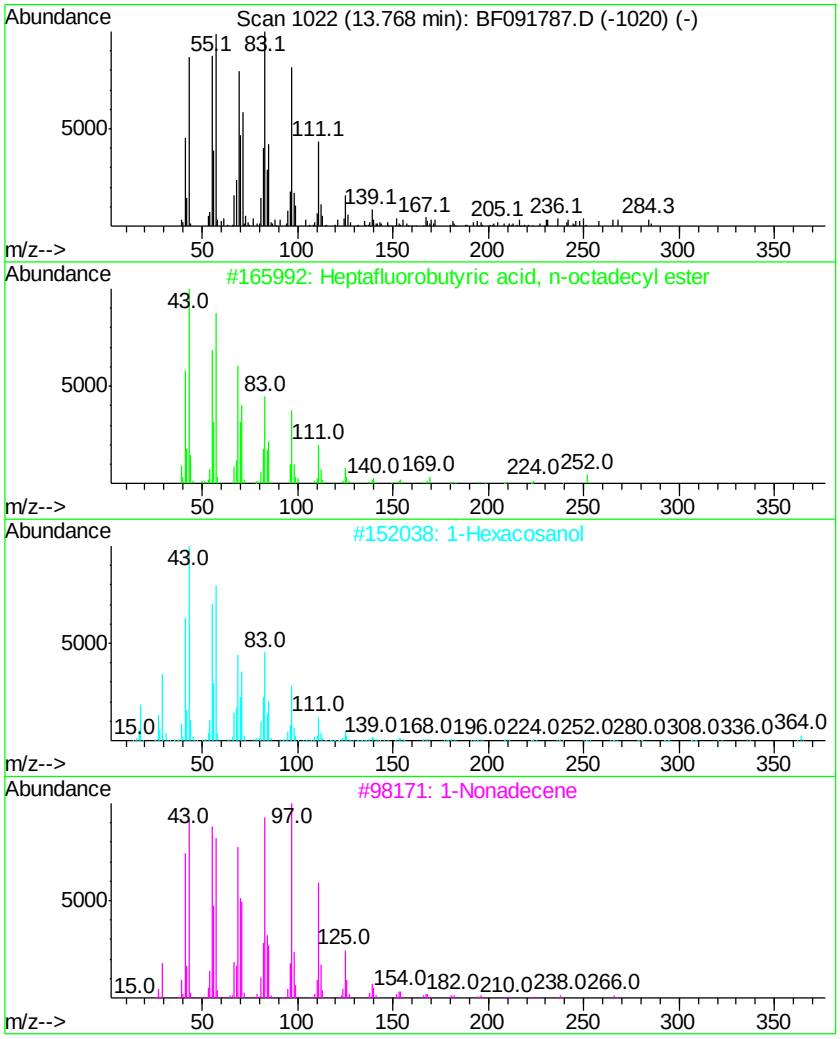
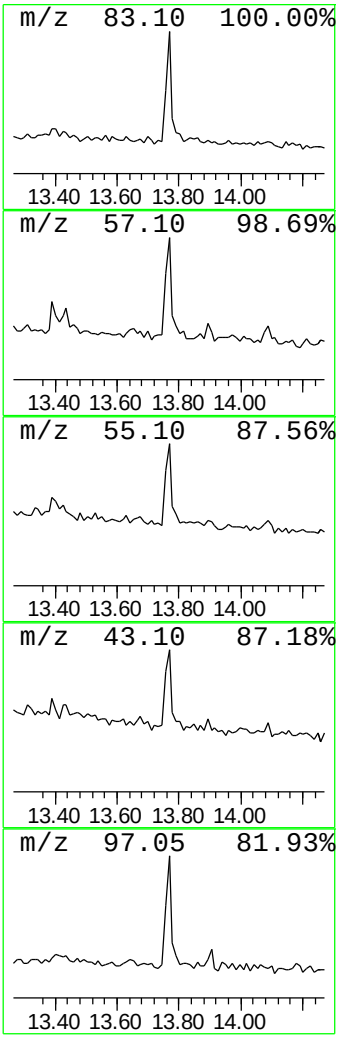
Peak Number 15 Heptafluorobutyric acid, n-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.31 ng	187069	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
5	Cyclohexadecane	224	C16H32	000295-65-8	90





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ALS Vial : 7 Sample Multiplier: 1

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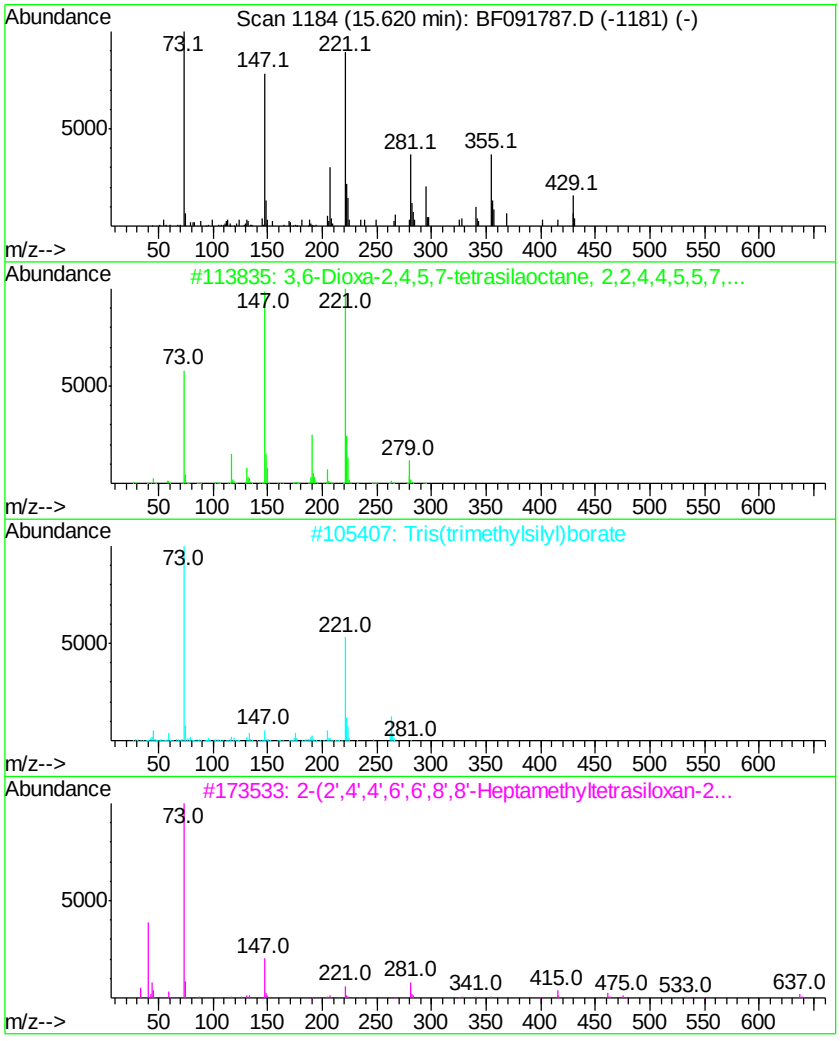
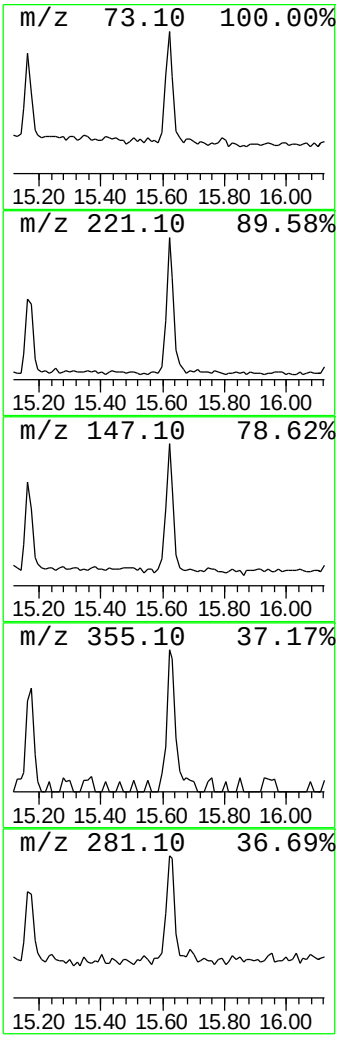
Peak Number 16 unknown15.62 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	2.40 ng	150588	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	40
2	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	27
3	2-(2',4',4',6',6',8',8'-Heptamet...	652	C16H48O10Si9	145344-72-5	25
4	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	25
5	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	23





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Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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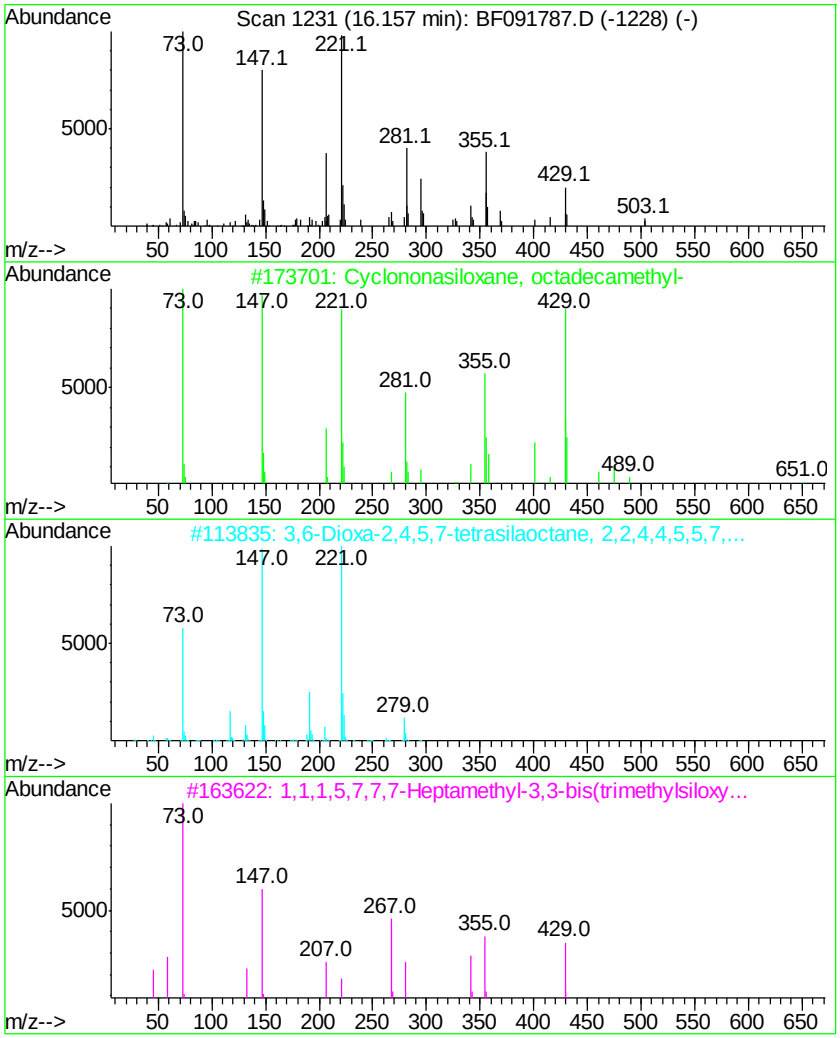
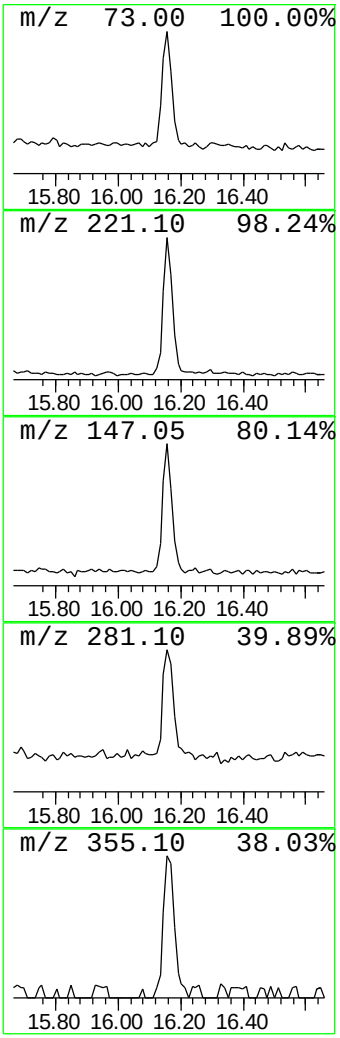
Peak Number 17 Cyclononasiloxane, octadeca... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	2.36 ng	147749	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	64
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	47
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	47
4	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
5	Piperidine, 1-(5-trifluoromethyl...	295	C15H16F3N3	1000268-74-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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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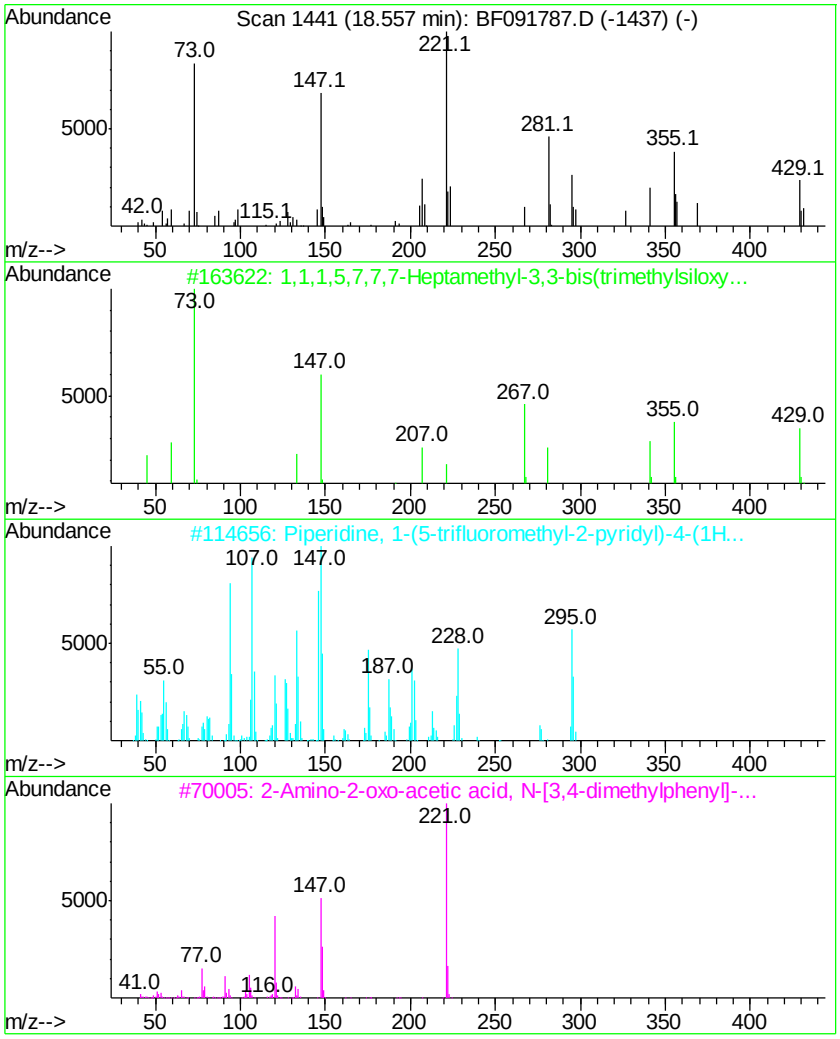
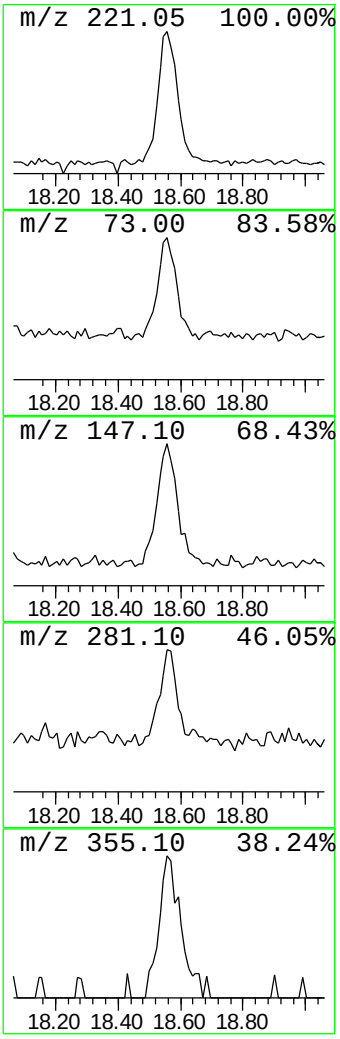
Peak Number 20 unknown18.56 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.07 ng	129993	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	25
2	Piperidine, 1-(5-trifluoromethyl...	295	C15H16F3N3	1000268-74-7	25
3	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	16
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	14
5	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
Data File : BF091787.D
Acq On : 19 Dec 2016 21:47
Operator : UM/SJ
Sample : H6011-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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...	4.92	12.3	ng	936023	1	6.76	1527450	20.0
unknown6.52	6.52	74.5	ng	5687090	1	6.76	1527450	20.0
unknown7.79	7.79	2.2	ng	240719	2	8.04	2168820	20.0
1-Adamantanol	8.58	2.8	ng	299249	2	8.04	2168820	20.0
unknown8.88	8.88	2.3	ng	244103	2	8.04	2168820	20.0
unknown9.42	9.42	2.5	ng	294111	3	9.79	2380370	20.0
unknown10.06	10.06	2.4	ng	279479	3	9.79	2380370	20.0
Benzene, 1,4-bis(...	10.11	6.8	ng	808307	3	9.79	2380370	20.0
Tetradecane	10.70	2.3	ng	224075	4	11.28	1988870	20.0
unknown10.93	10.93	2.8	ng	278334	4	11.28	1988870	20.0
unknown11.15	11.15	4.4	ng	434628	4	11.28	1988870	20.0
n-Hexadecanoic acid	11.83	5.7	ng	568150	4	11.28	1988870	20.0
Octadecanoic acid	12.60	4.1	ng	328442	5	13.91	1619300	20.0
Heptafluorobutyri...	13.77	2.3	ng	187069	5	13.91	1619300	20.0
unknown15.62	15.62	2.4	ng	150588	6	15.30	1253240	20.0
Cyclononasiloxane...	16.16	2.4	ng	147749	6	15.30	1253240	20.0
unknown18.56	18.56	2.1	ng	129993	6	15.30	1253240	20.0