LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084738.D
Acq On : 2 Feb 2016 4:41
Operator : SJ/IZ
Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

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-BF020116.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	4.167	179	182	187	rBV	197820	306835	6.10%	0.605%
2	4.876	240	244	246	rBV	2536029	3932488	78.13%	7.751%
3	5.310	279	282	284	rBV	3995673	4006260	79.60%	7.896%
4	5.619	307	309	311	rBV	146020	203718	4.05%	0.402%
5	5.710	315	317	319	rBV	265032	222034	4.41%	0.438%
6	6.236	361	363	366	rBV2	27375	54627	1.09%	0.108%
7	6.327	366	371	372	rBV2	44306	99548	1.98%	0.196%
8	6.362	372	374	377	rVB	3683811	3993430	79.35%	7.871%
9	6.476	382	384	387	rVV	3364445	4046498	80.40%	7.975%
10	6.704	402	404	407	rBV	891881	974359	19.36%	1.920%
11	6.864	416	418	421	rBV	3642589	3229981	64.18%	6.366%
12	7.139	436	442	447	rVB3	41452	90070	1.79%	0.178%
13	7.276	451	454	457	rBV	2413127	2540783	50.48%	5.008%
14	7.745	493	495	497	rBV2	50474	63138	1.25%	0.124%
15	7.996	515	517	519	rBV	1637491	1410184	28.02%	2.779%
16	8.636	571	573	575	rVV	364000	315231	6.26%	0.621%
17	8.705	577	579	581	rVB	193088	219400	4.36%	0.432%
18	8.808	586	588	590	rBV	228886	198997	3.95%	0.392%
19	9.082	609	612	614	rBV	4285054	5032956	100.00%	9.920%
20	9.162	617	619	621	rBV2	111818	110319	2.19%	0.217%
21	9.265	627	628	631	rVB	39299	51555	1.02%	0.102%
22	9.333	631	634	636	rBV	73029	116521	2.32%	0.230%
23	9.413	638	641	644	rBV3	111659	267238	5.31%	0.527%
24	9.470	644	646	648	rVV	538826	535347	10.64%	1.055%
25	9.528	648	651	653	rVB2	41370	74423	1.48%	0.147%
26	9.608	656	658	661	rVB	75317	72813	1.45%	0.144%
27	9.688	663	665	668	rBV	177444	192232	3.82%	0.379%
28	9.745	668	670	672	rVB	1407033	1346674	26.76%	2.654%
29	9.848	677	679	682	rBV4	65130	80775	1.60%	0.159%
30	9.928	682	686	687	rBV2	54722	102899	2.04%	0.203%
31	9.951	687	688	690	rVB	69500	51204	1.02%	0.101%
32	10.019	690	694	695	rBV2	40404	102830	2.04%	0.203%
33	10.042	695	696	699	rVB3	76685	86697	1.72%	0.171%
34	10.191	707	709	711	rVB	374224	289618	5.75%	0.571%

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Misc :
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Instrument : BNA_F
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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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.293	716	718	721	rVB3	43575	55048	1.09%	0.108%
36	10.408	726	728	731	rBV	132122	159492	3.17%	0.314%
37	10.465	731	733	734	rVB2	49309	58261	1.16%	0.115%
38	10.488	734	735	737	rBV	41142	71889	1.43%	0.142%
39	10.533	737	739	741	rBV	2408882	2192756	43.57%	4.322%
40	10.659	749	750	754	rBV	402573	525273	10.44%	1.035%
41	10.853	763	767	771	rBV3	61805	173758	3.45%	0.342%
42	11.036	781	783	785	rVB3	35740	52234	1.04%	0.103%
43	11.082	785	787	788	rBV2	65908	81175	1.61%	0.160%
44	11.105	788	789	791	rVV	241433	280321	5.57%	0.553%
45	11.139	791	792	795	rVB	215906	183494	3.65%	0.362%
46	11.196	795	797	798	rBV2	40523	60005	1.19%	0.118%
47	11.231	798	800	803	rVB2	1035618	1429849	28.41%	2.818%
48	11.299	803	806	807	rBV3	112602	135958	2.70%	0.268%
49	11.379	810	813	814	rBV2	38936	58679	1.17%	0.116%
50	11.459	818	820	821	rBV2	38357	59262	1.18%	0.117%
51	11.539	824	827	828	rBV2	134279	198730	3.95%	0.392%
52	11.562	828	829	833	rVB	349277	349607	6.95%	0.689%
53	11.699	838	841	842	rBV3	63098	108332	2.15%	0.214%
54	11.802	848	850	851	rVB2	59789	55724	1.11%	0.110%
55	11.836	851	853	858	rBV3	123588	252712	5.02%	0.498%
56	11.939	861	862	866	rBV	139019	165126	3.28%	0.325%
57	12.099	874	876	880	rBV3	53500	90295	1.79%	0.178%
58	12.225	885	887	890	rVV	91225	135617	2.69%	0.267%
59	12.282	890	892	895	rVV3	138830	211864	4.21%	0.418%
60	12.328	895	896	897	rVV	123172	105789	2.10%	0.209%
61	12.362	897	899	901	rVV	561061	564685	11.22%	1.113%
62	12.431	903	905	907	rVB	356957	357881	7.11%	0.705%
63	12.465	907	908	913	rBV5	46537	135139	2.69%	0.266%
64	12.659	922	925	927	rVB	354417	366441	7.28%	0.722%
65	12.705	927	929	934	rVB3	60730	94139	1.87%	0.186%
66	12.819	936	939	941	rBV	2768710	3516286	69.87%	6.930%
67	13.094	961	963	968	rVB4	102186	170335	3.38%	0.336%
68	13.185	968	971	972	rBV	88489	124259	2.47%	0.245%
69	13.722	1015	1018	1023	rBV	495331	706567	14.04%	1.393%
70	13.859	1027	1030	1031	rBV2	810106	1008303	20.03%	1.987%
71	14.614	1094	1096	1098	rBV3	57015	103676	2.06%	0.204%

LSC Area Percent Report

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Operator : SJ/IZ
Sample : H1285-21
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.854	1115	1117	1121	rVB	138465	243054	4.83%	0.479%
73	15.128	1139	1141	1144	rVB	81448	110627	2.20%	0.218%
74	15.185	1144	1146	1148	rVB	93514	142873	2.84%	0.282%
75	15.242	1148	1151	1153	rBV	647172	864964	17.19%	1.705%
76	15.860	1203	1205	1213	rVB4	74690	180013	3.58%	0.355%
77	16.248	1236	1239	1244	rVB4	59515	158039	3.14%	0.311%
78	16.534	1262	1264	1270	rVB2	56894	111698	2.22%	0.220%
79	16.934	1296	1299	1306	rVB	49141	104755	2.08%	0.206%

Sum of corrected areas: 50736666

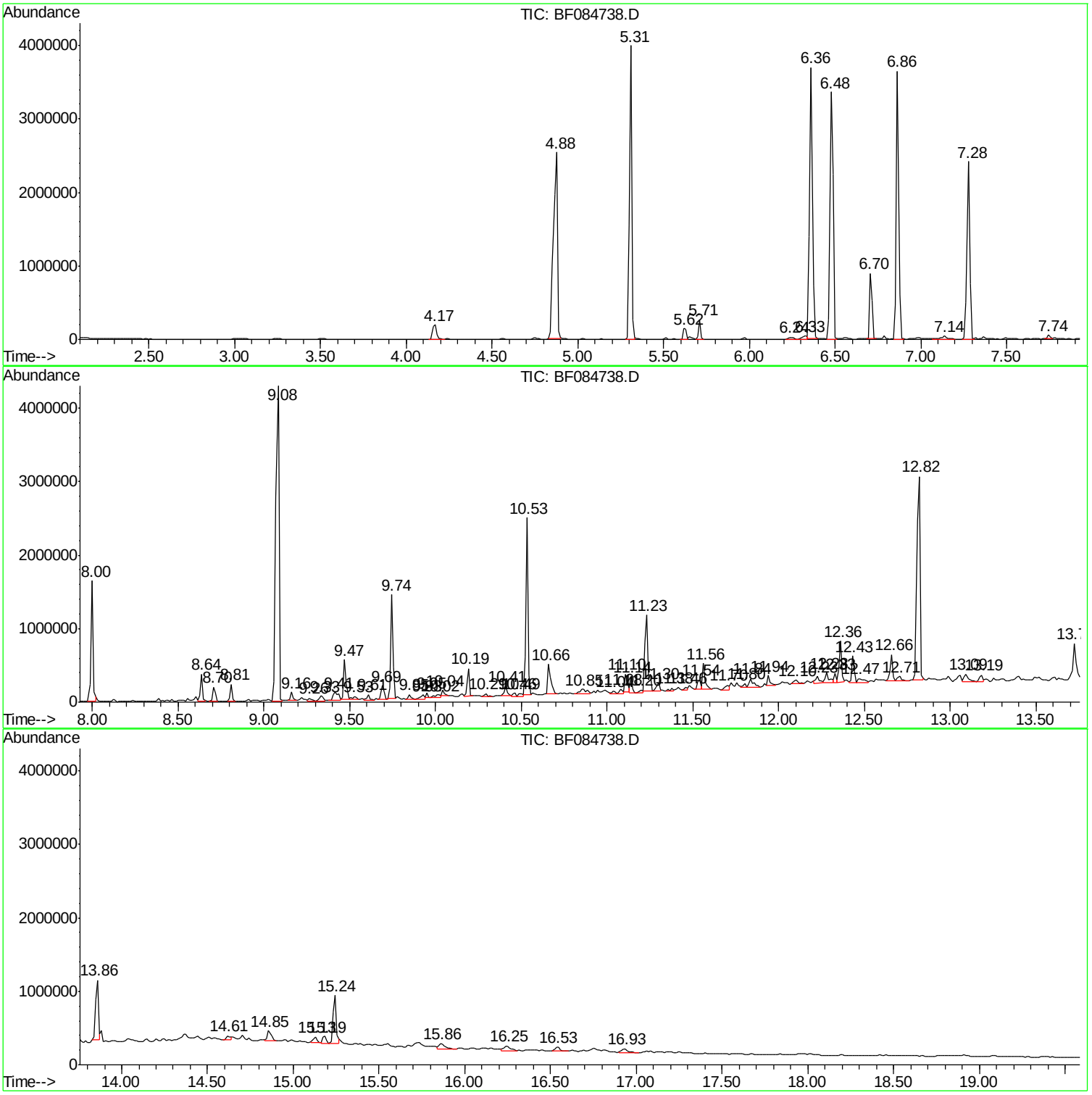
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084738.D
Acq On : 2 Feb 2016 4:41
Operator : SJ/IZ
Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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\BF020116\
Data File : BF084738.D
Acq On : 2 Feb 2016 4:41
Operator : SJ/IZ
Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

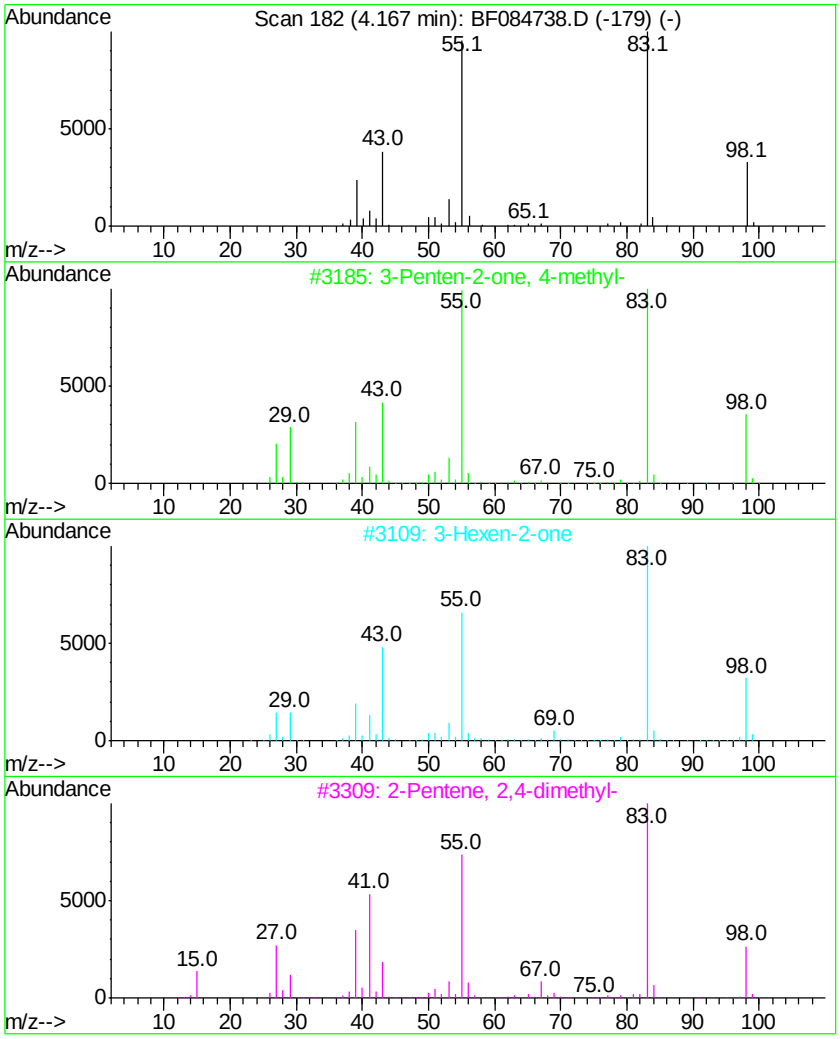
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

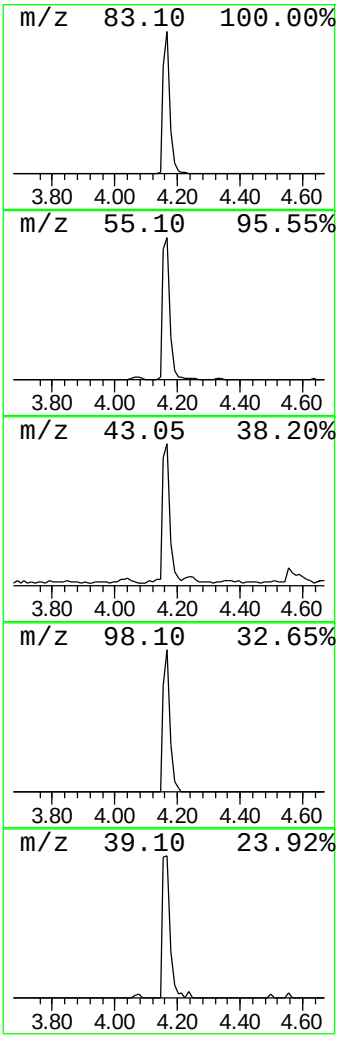
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	6.30 ng	306835	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	87
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084738.D
Acq On : 2 Feb 2016 4:41
Operator : SJ/IZ
Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

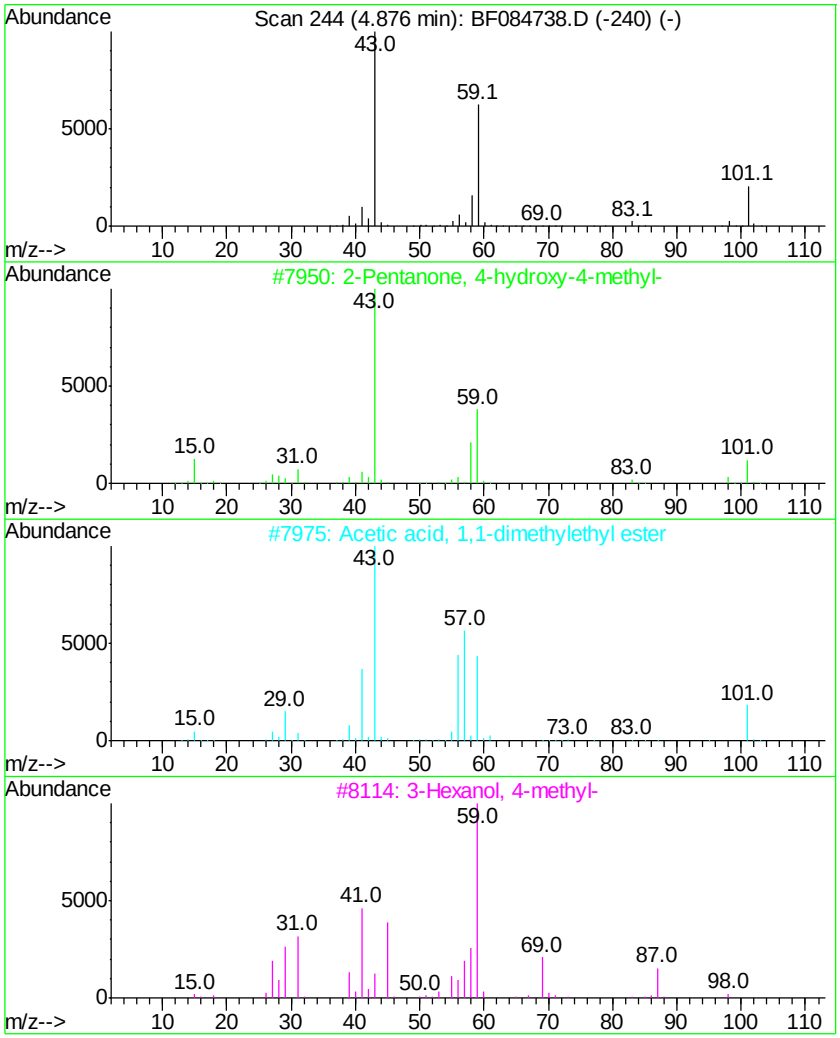
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

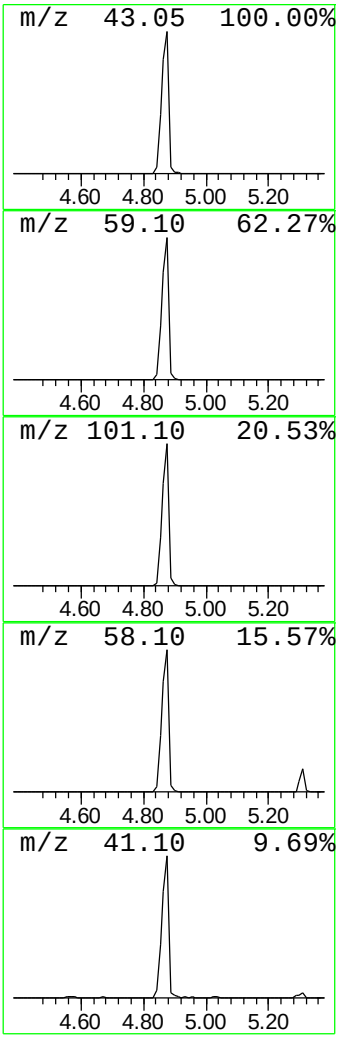
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	80.72 ng	3932490	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084738.D
Acq On : 2 Feb 2016 4:41
Operator : SJ/IZ
Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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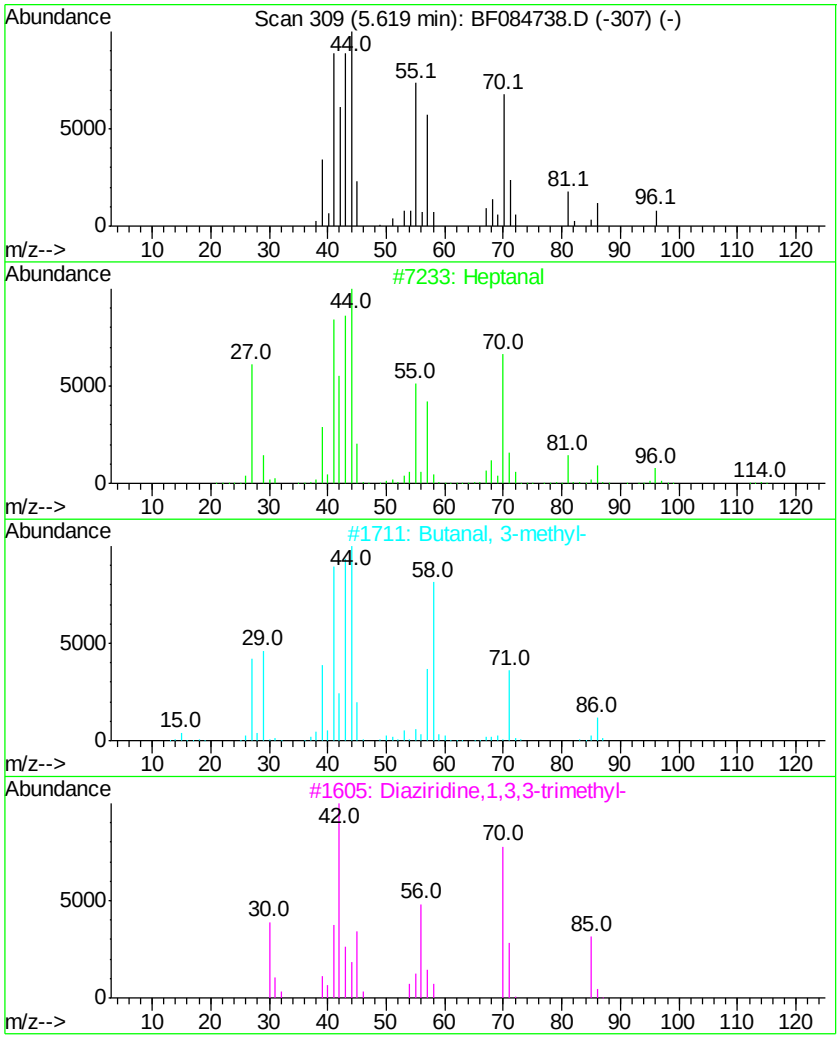
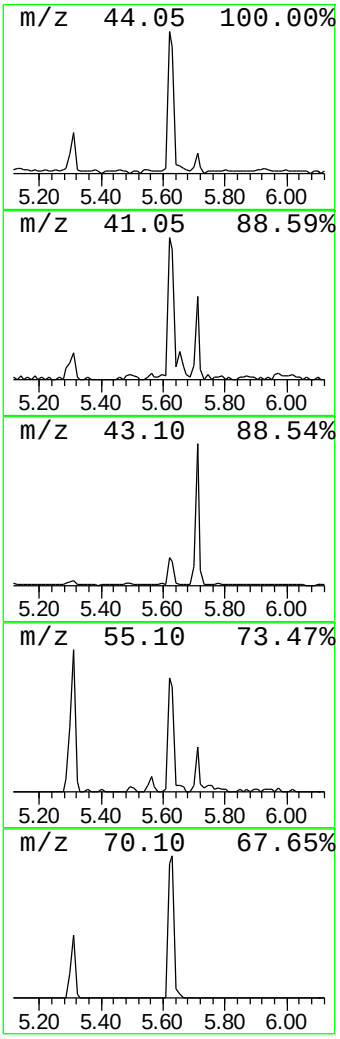
Peak Number 3 Heptanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	4.18 ng	203718	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	91
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	43
3	Diaziridine,1,3,3-trimethyl-	86	C4H10N2	040711-15-7	37
4	Ethoxyacetylene	70	C4H6O	000927-80-0	27
5	Vinyl Ether	70	C4H6O	000109-93-3	25





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Data File : BF084738.D
Acq On : 2 Feb 2016 4:41
Operator : SJ/IZ
Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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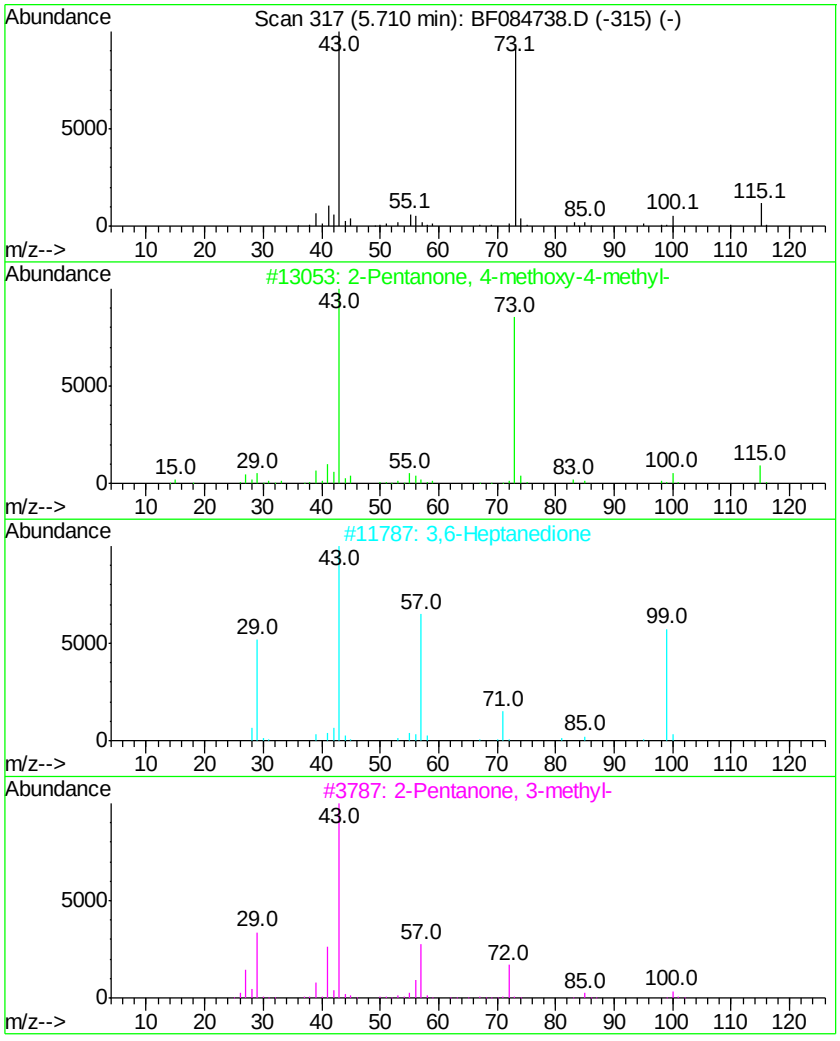
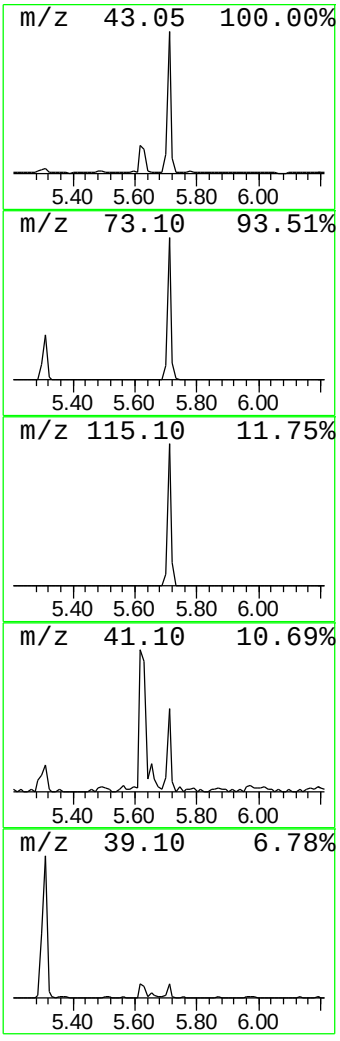
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	4.56 ng	222034	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	3,6-Heptanedione	128	C7H12O2	001703-51-1	17
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	10





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Data File : BF084738.D
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Operator : SJ/IZ
Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

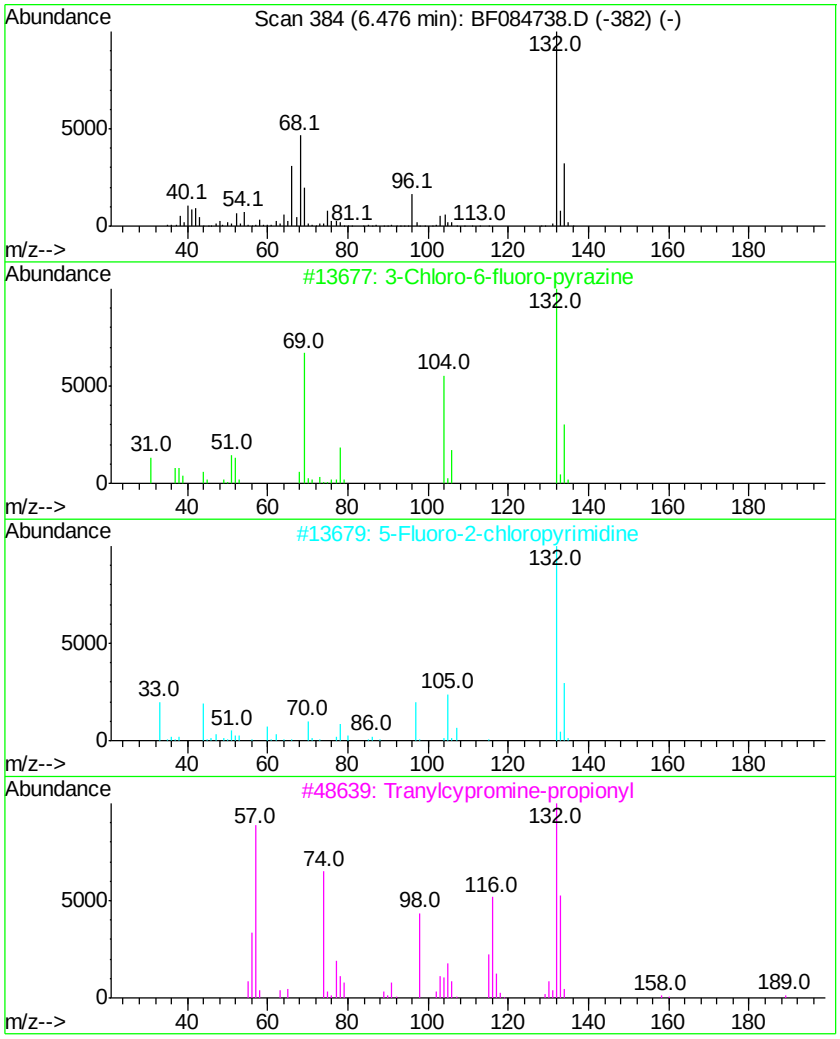
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

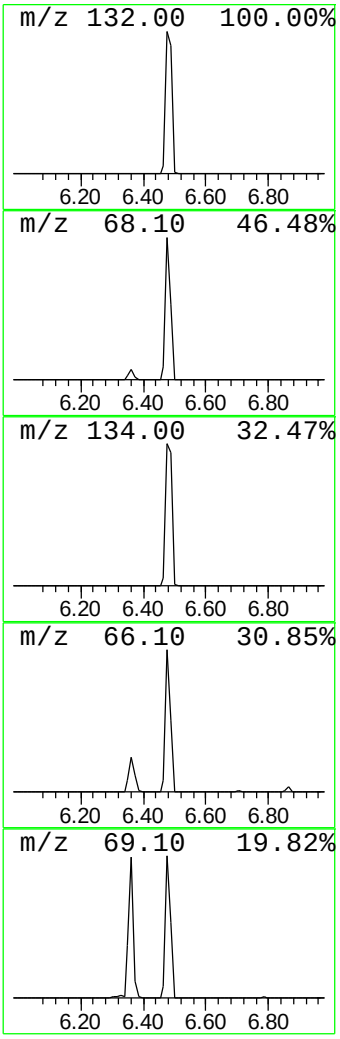
****

Peak Number 5 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	83.06 ng	4046500	1,4-Dichlorobenzene-d4	6.70

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Data File : BF084738.D
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Operator : SJ/IZ
Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

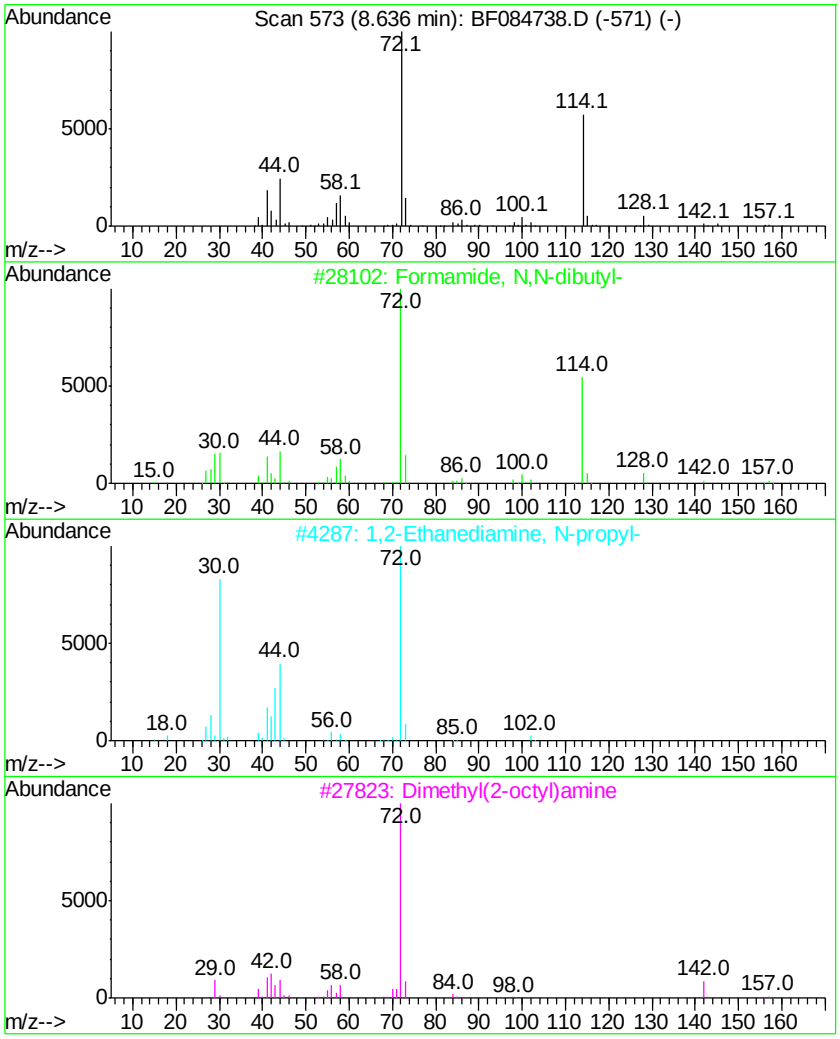
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

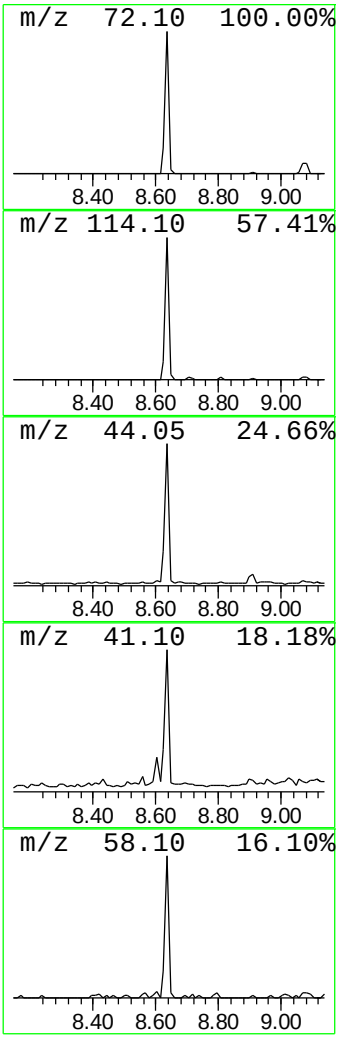
****

Peak Number 7 Formamide, N,N-dibutyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	4.47 ng	315231	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-dibutyl-	157	C9H19NO	000761-65-9	90
2	1,2-Ethanediamine, N-propyl-	102	C5H14N2	000111-39-7	47
3	Dimethyl(2-octyl)amine	157	C10H23N	007378-97-4	43
4	1-Butanamine, N-propyl-	115	C7H17N	020193-21-9	38
5	1-Butanamine, N-(1-methylethyl)-	115	C7H17N	039099-23-5	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084738.D
Acq On : 2 Feb 2016 4:41
Operator : SJ/IZ
Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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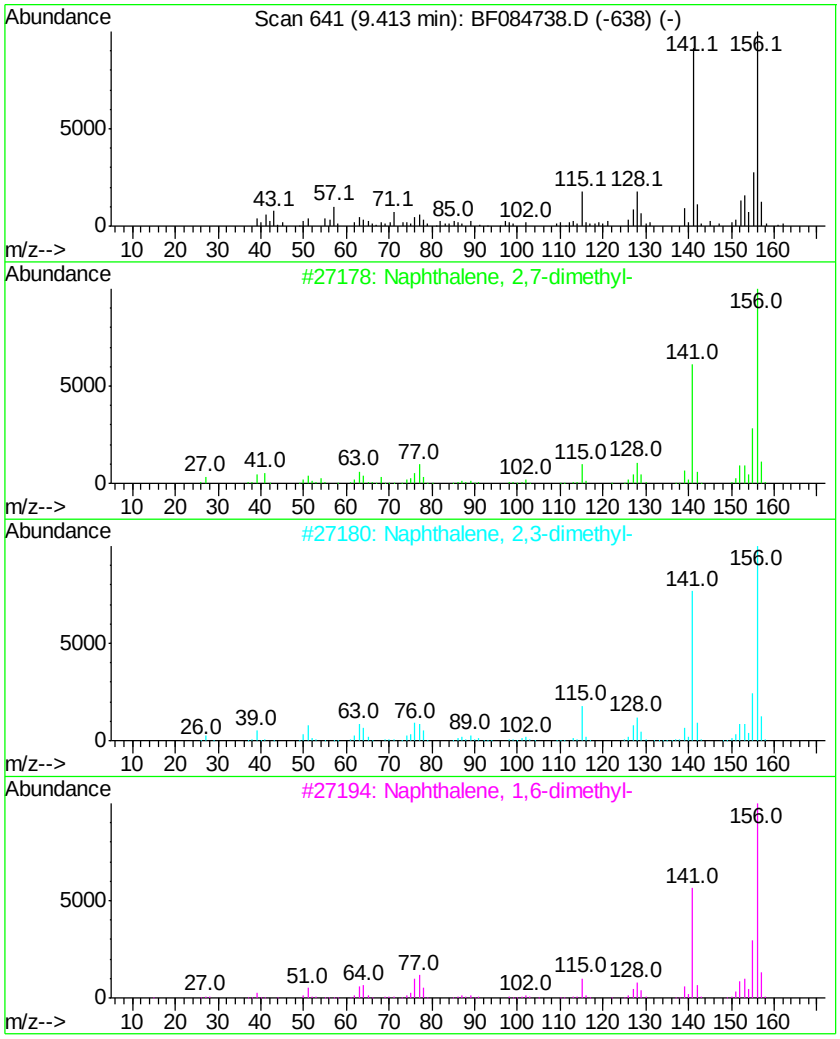
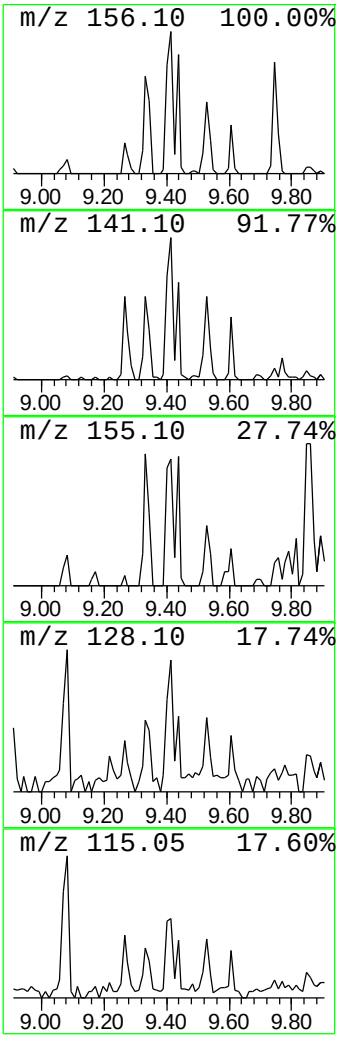
Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	3.97 ng	267238	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Sample : H1285-21
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ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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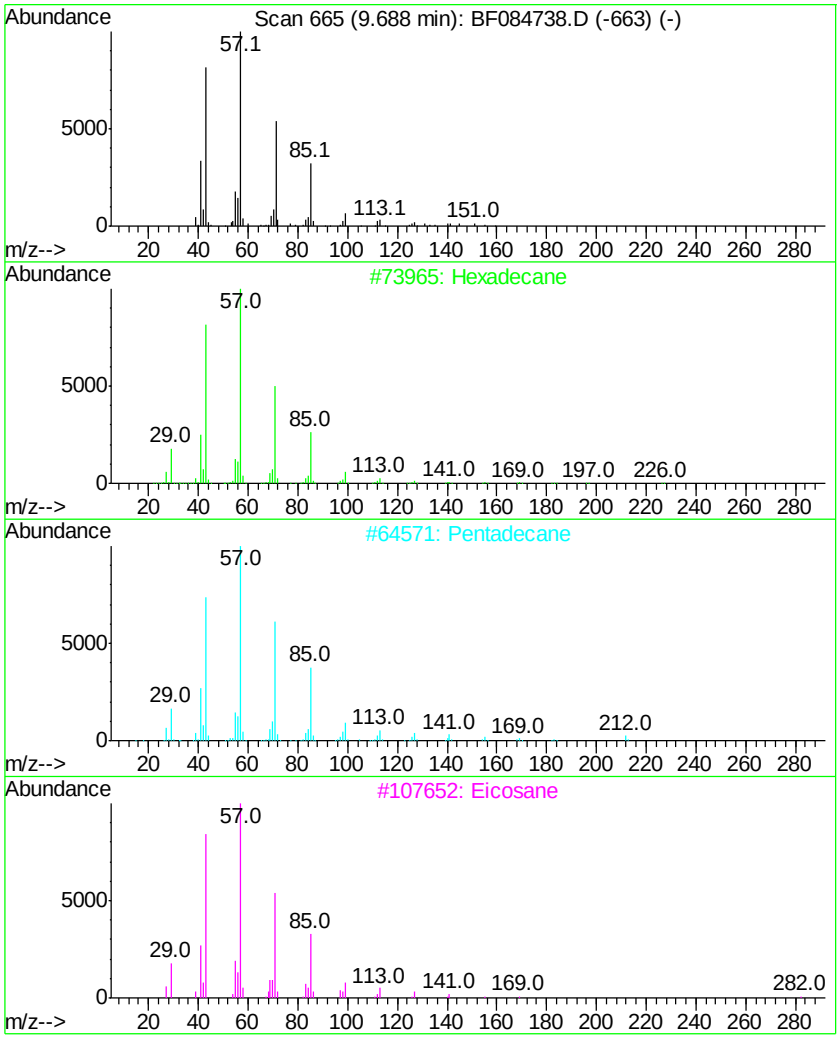
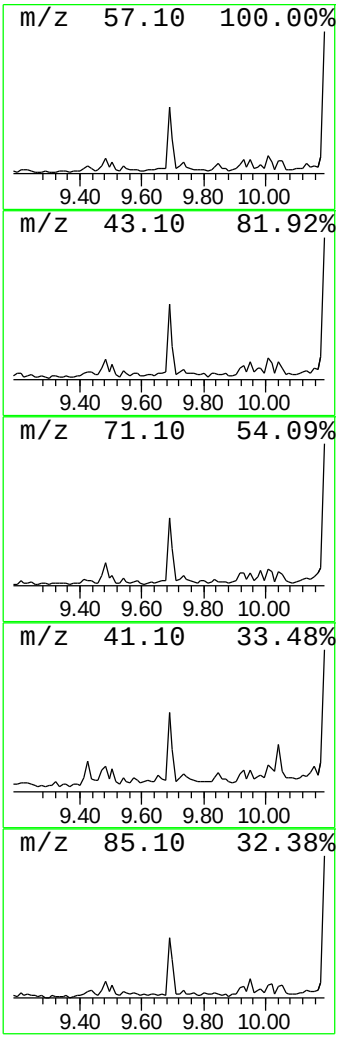
Peak Number 9 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	2.85 ng	192232	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Eicosane	282	C20H42	000112-95-8	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	64





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Operator : SJ/IZ
Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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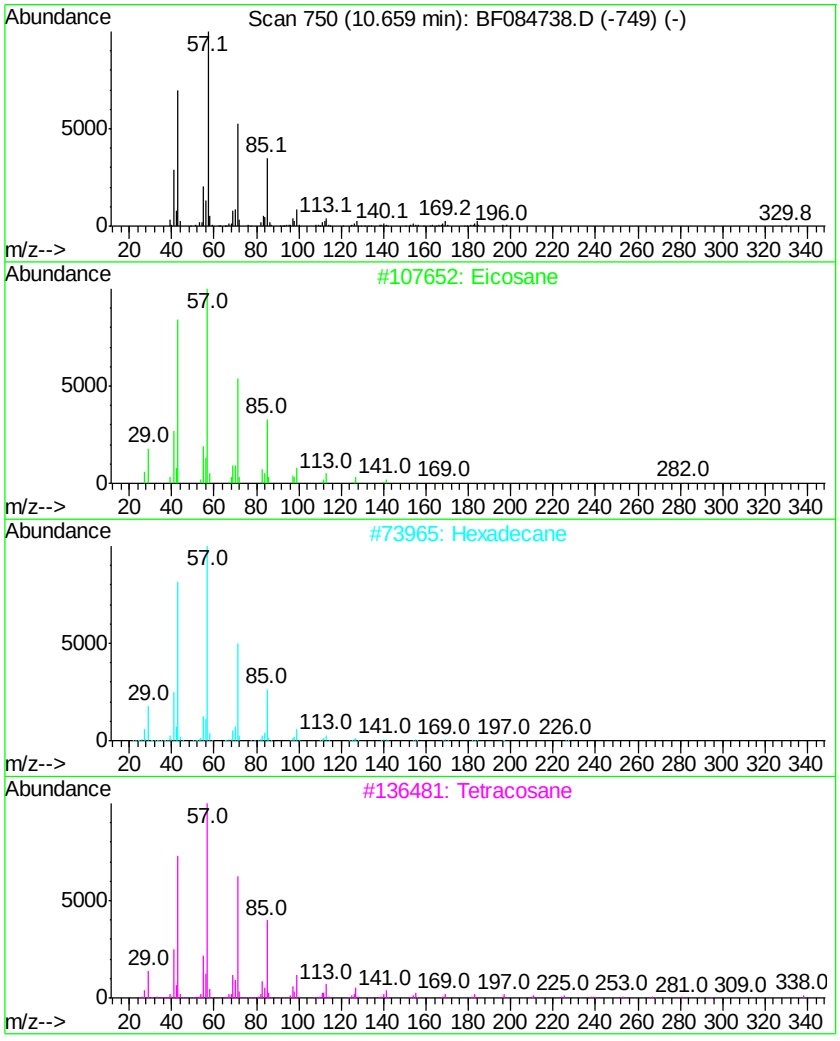
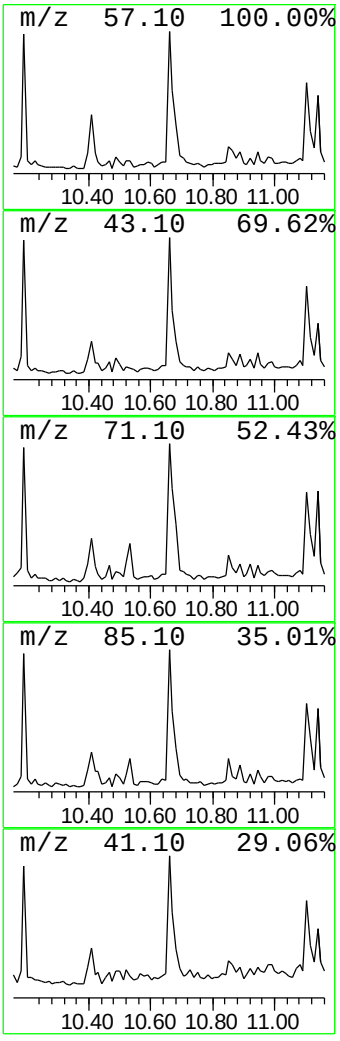
Peak Number 11 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	7.35 ng	525273	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tridecane	184	C13H28	000629-50-5	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Operator : SJ/IZ
Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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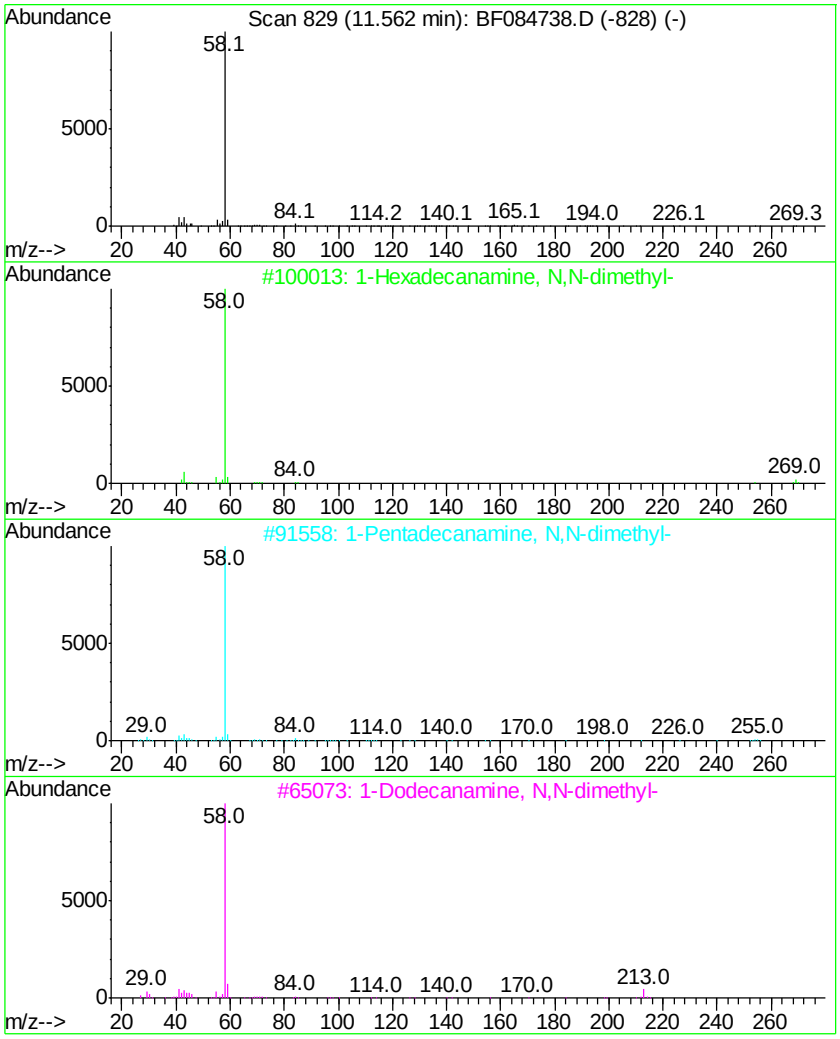
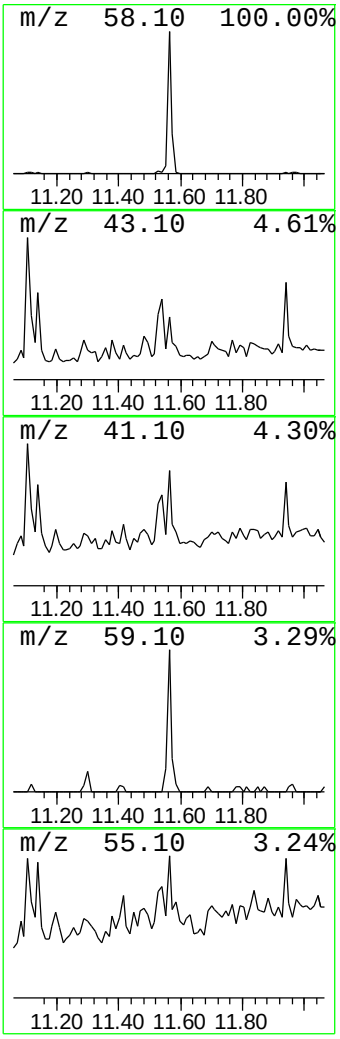
Peak Number 13 1-Hexadecanamine, N,N-dimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	4.89 ng	349607	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanamine, N,N-dimethyl-	269	C18H39N	000112-69-6	78
2	1-Pentadecanamine, N,N-dimethyl-	255	C17H37N	017678-60-3	72
3	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	72
4	Tetradonium Bromide	335	C17H38BrN	001119-97-7	72
5	1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	72





Library Search Compound Report

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Acq On : 2 Feb 2016 4:41
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Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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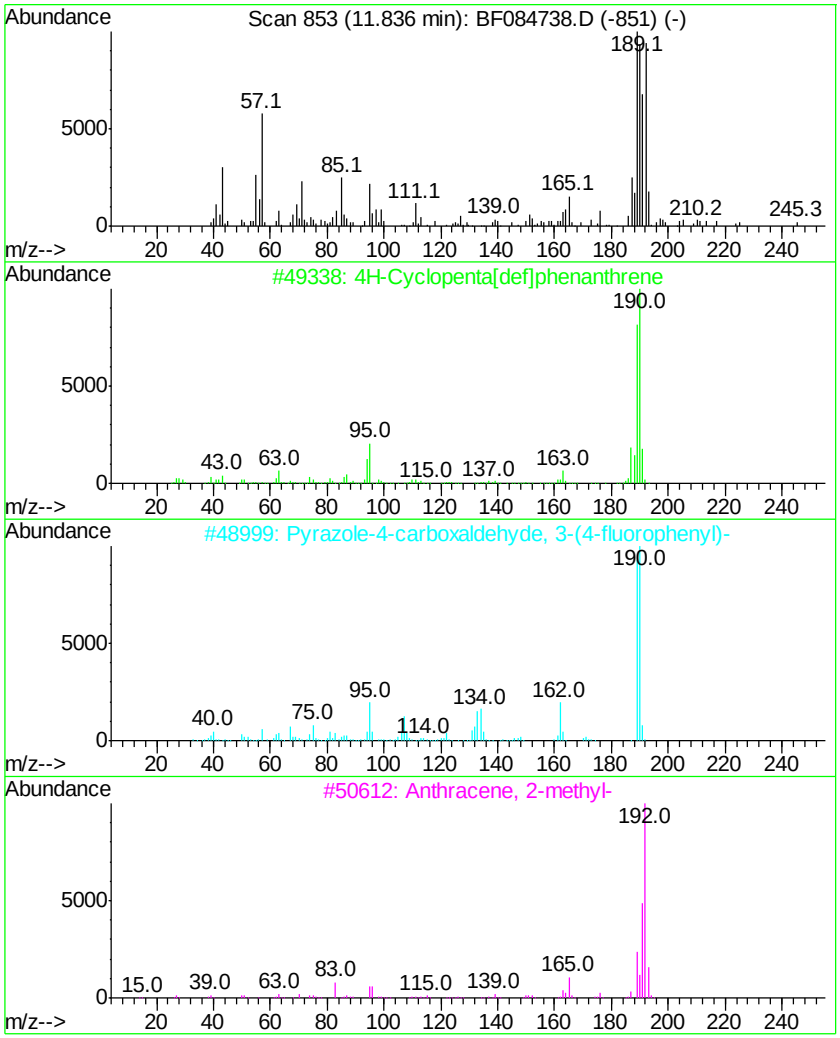
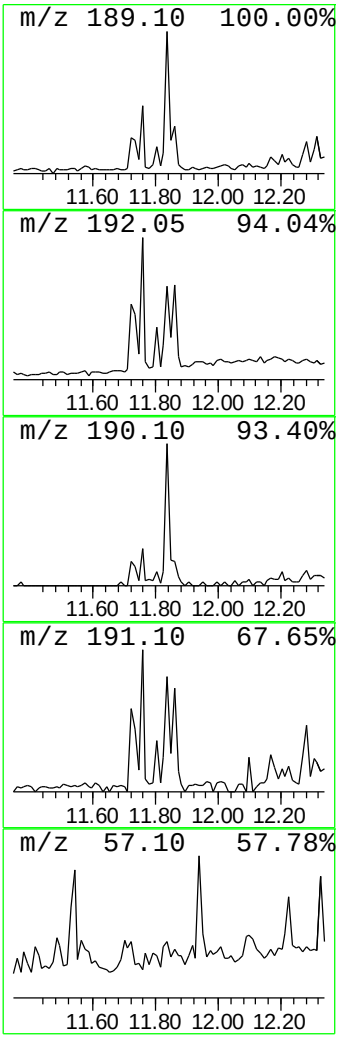
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.53 ng	252712	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	30





Library Search Compound Report

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Acq On : 2 Feb 2016 4:41
Operator : SJ/IZ
Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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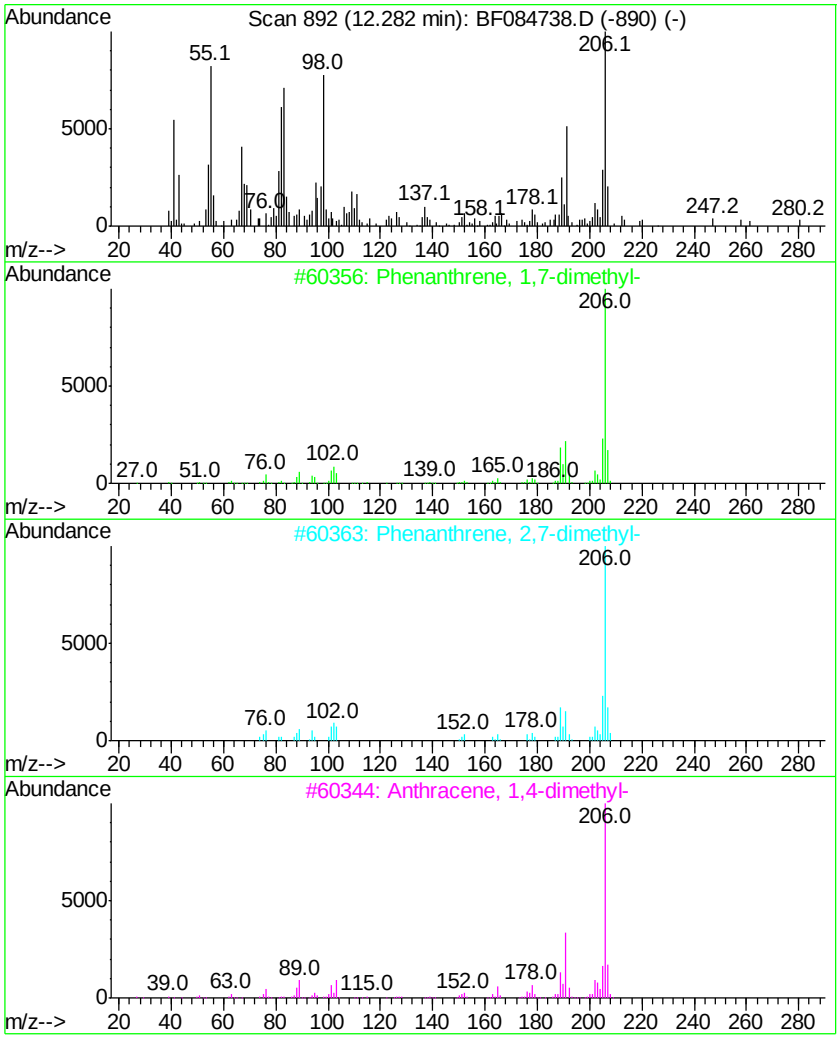
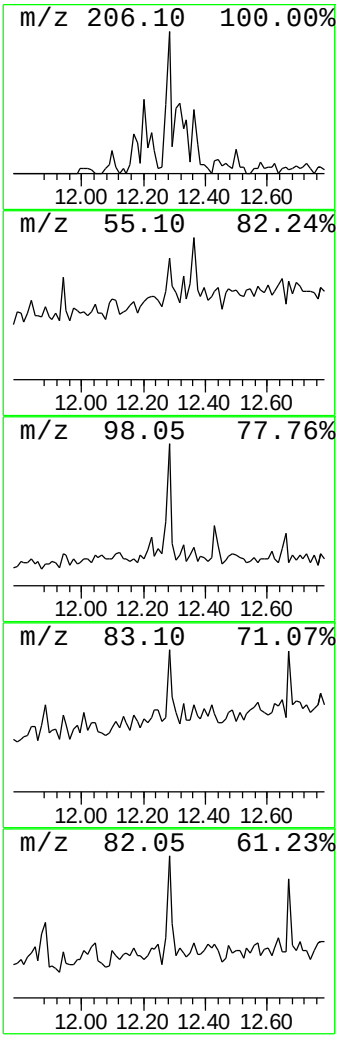
Peak Number 15 Phenanthrene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	2.96 ng	211864	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	59
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	59
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	51
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	38
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	38





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Acq On : 2 Feb 2016 4:41
Operator : SJ/IZ
Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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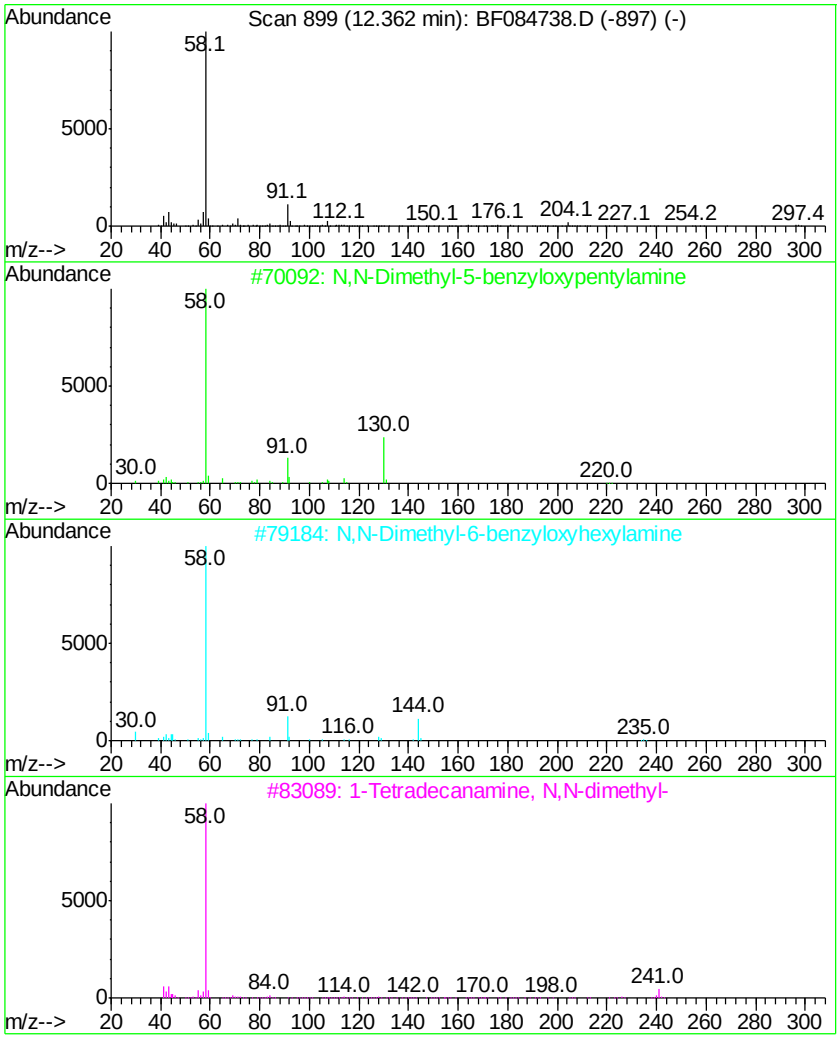
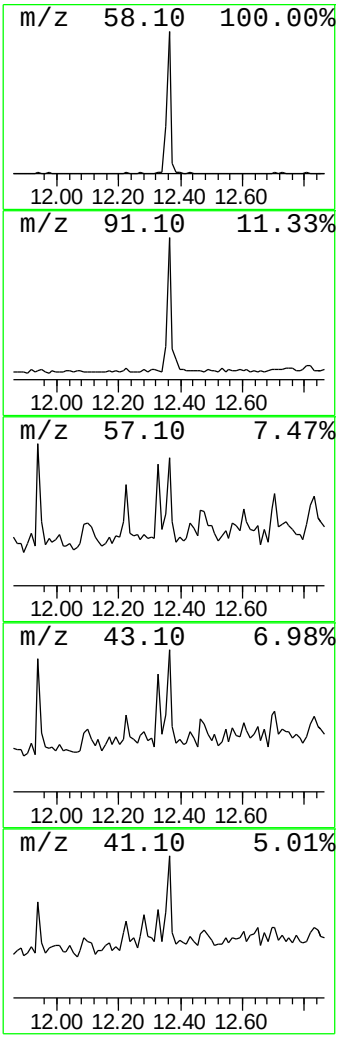
Peak Number 16 N,N-Dimethyl-5-benzyloxypen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	7.90 ng	564685	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyl-5-benzyloxypentylamine	221	C14H23NO	071126-71-1	72
2	N,N-Dimethyl-6-benzyloxyhexylamine	235	C15H25NO	071126-72-2	72
3	1-Tetradecanamine, N,N-dimethyl-	241	C16H35N	000112-75-4	64
4	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
5	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	64





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ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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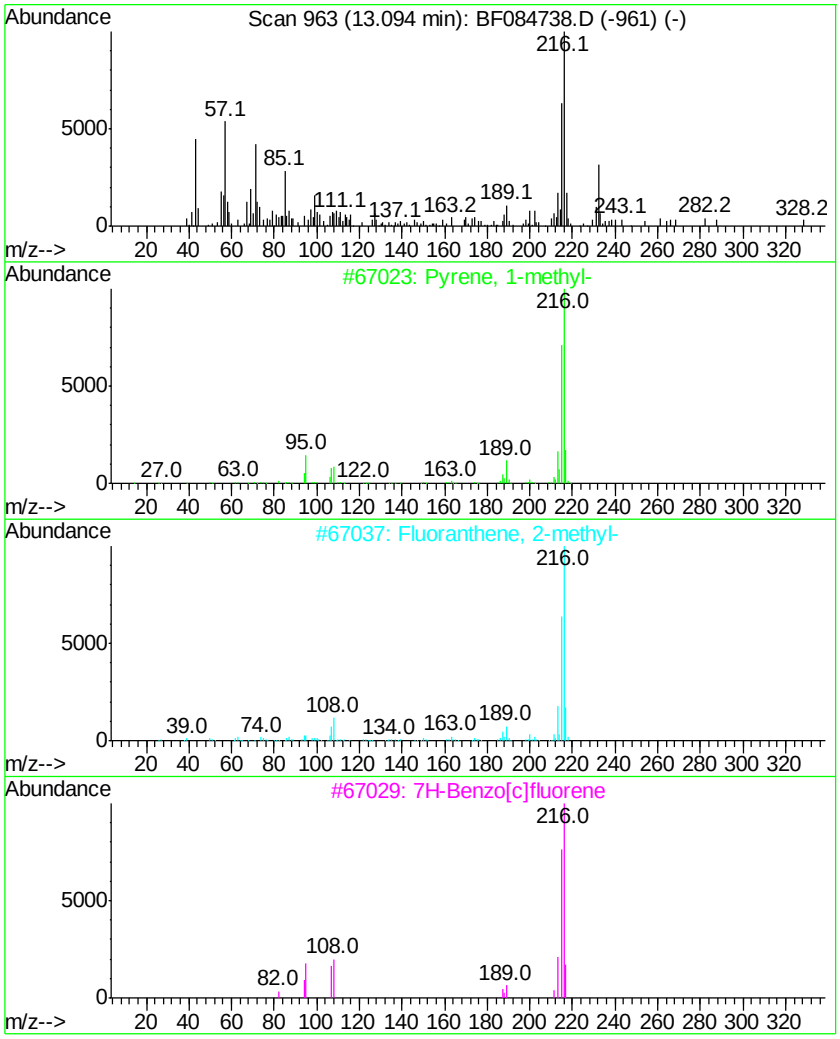
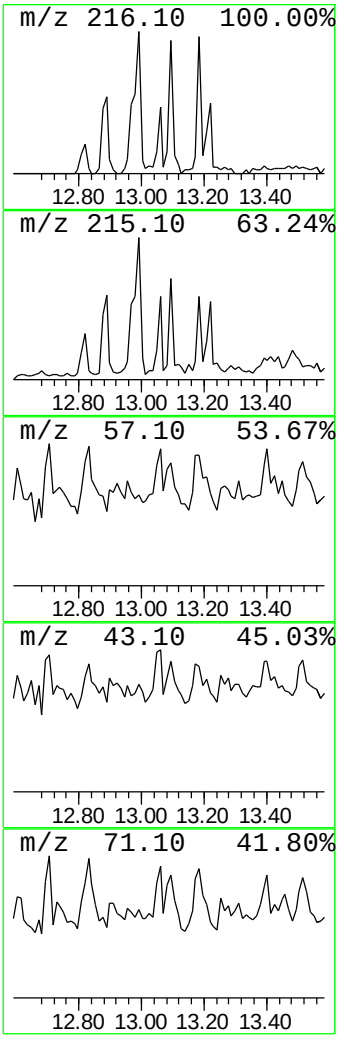
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.38 ng	170335	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	47
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	46
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	45





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Acq On : 2 Feb 2016 4:41
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Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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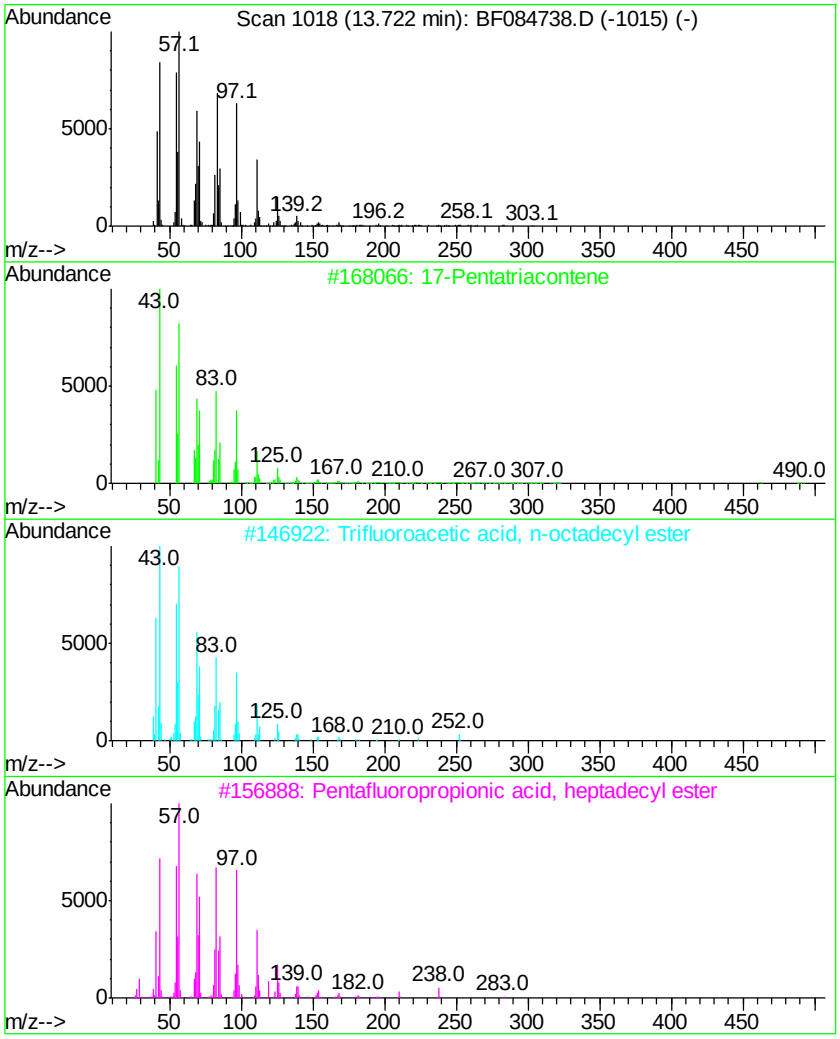
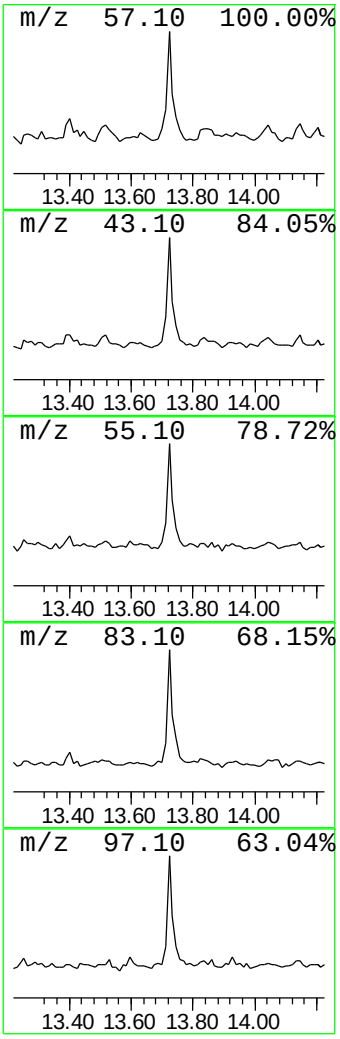
Peak Number 18 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	14.02 ng	706567	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	1-Nonadecene	266	C19H38	018435-45-5	90





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Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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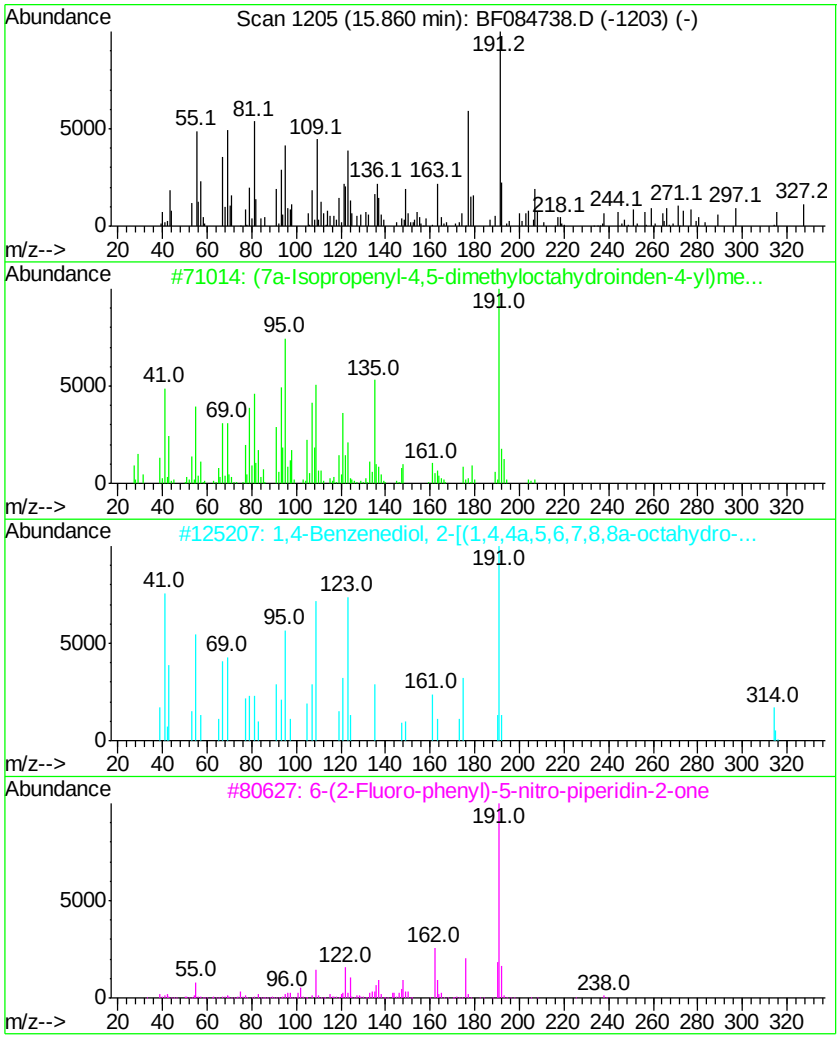
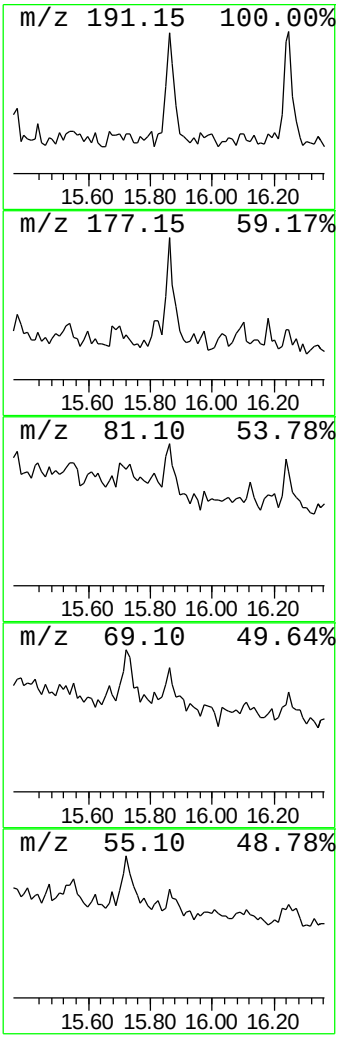
Peak Number 19 unknown15.86 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	4.16 ng	180013	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(7a-Isopropenyl-4,5-dimethyloctа...	222	C15H26O	1000187-02-9	37
2	1,4-Benzenediol, 2-[(1,4,4a,5,6,...	314	C21H30O2	039707-55-6	35
3	6-(2-Fluoro-phenyl)-5-nitro-pipe...	238	C11H11FN2O3	1000275-16-4	27
4	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	22
5	Amiphenazole	191	C9H9N3S	000490-55-1	14





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Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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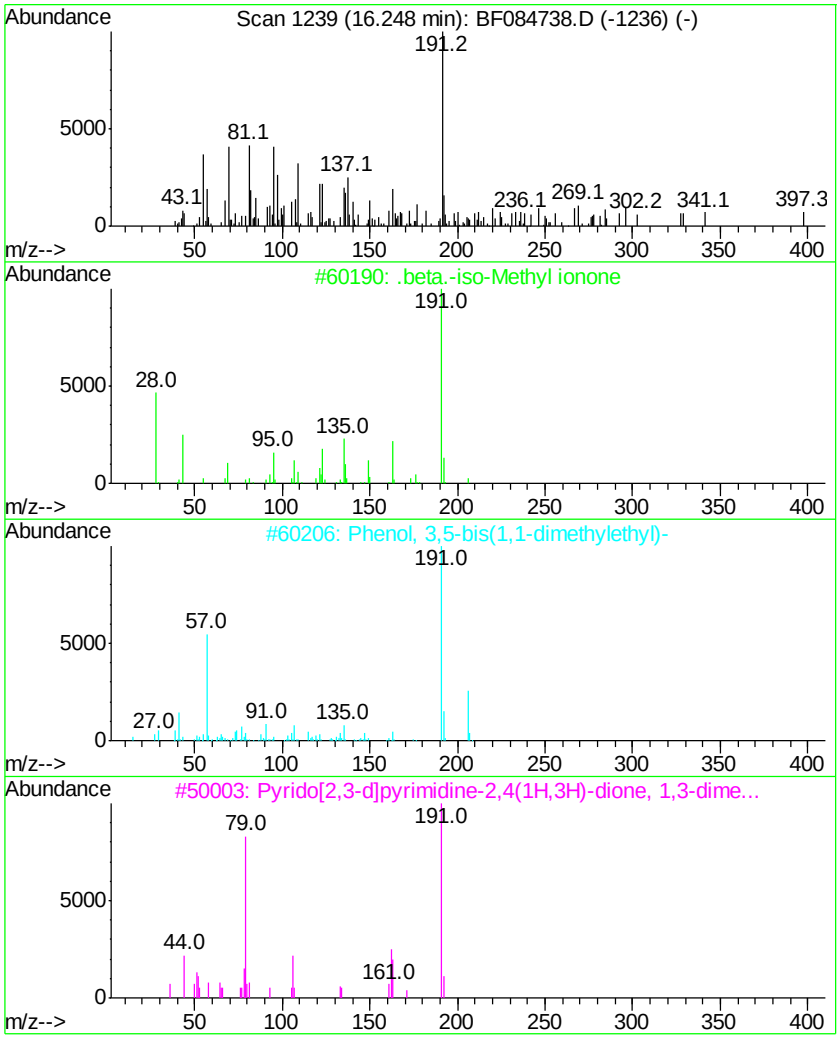
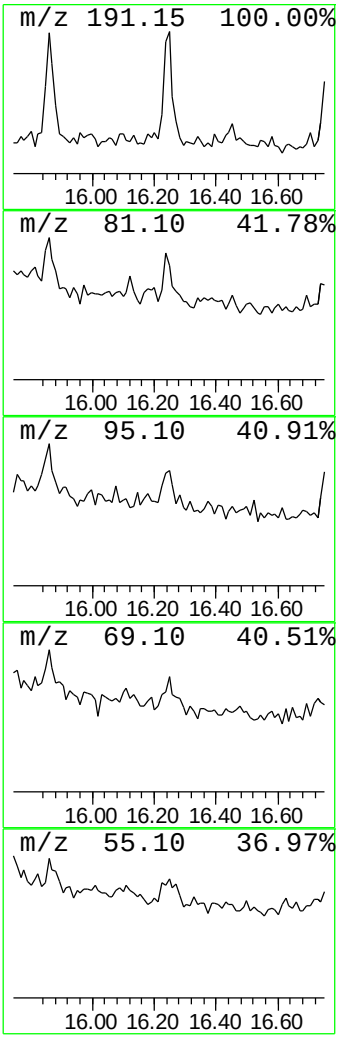
Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	3.65 ng	158039	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	58
2	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	35
3	Pyrido[2,3-d]pyrimidine-2,4(1H,3...	191	C9H9N3O2	024410-21-7	35
4	3-Methyl-2-thioxo-1,2-dihydro-3H...	191	C9H9N3S	121361-81-7	35
5	N,N'-di-sec-Butyl-p-phenylenedia...	220	C14H24N2	000101-96-2	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084738.D
Acq On : 2 Feb 2016 4:41
Operator : SJ/IZ
Sample : H1285-21
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B038(1.5-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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
3-Penten-2-one, 4...	4.17	6.3	ng	306835	1	6.70	974359	20.0
2-Pentanone, 4-hy...	4.88	80.7	ng	3932490	1	6.70	974359	20.0
Heptanal	5.62	4.2	ng	203718	1	6.70	974359	20.0
2-Pentanone, 4-me...	5.71	4.6	ng	222034	1	6.70	974359	20.0
unknown6.48	6.48	83.1	ng	4046500	1	6.70	974359	20.0
Formamide, N,N-di...	8.64	4.5	ng	315231	2	8.00	1410180	20.0
Naphthalene, 2,7-...	9.41	4.0	ng	267238	3	9.74	1346670	20.0
Hexadecane	9.69	2.9	ng	192232	3	9.74	1346670	20.0
Eicosane	10.66	7.3	ng	525273	4	11.23	1429850	20.0
1-Hexadecanamine,...	11.56	4.9	ng	349607	4	11.23	1429850	20.0
4H-Cyclopenta[def...	11.84	3.5	ng	252712	4	11.23	1429850	20.0
Phenanthrene, 1,7...	12.28	3.0	ng	211864	4	11.23	1429850	20.0
N,N-Dimethyl-5-be...	12.36	7.9	ng	564685	4	11.23	1429850	20.0
Pyrene, 1-methyl-	13.09	3.4	ng	170335	5	13.86	1008300	20.0
17-Pentatriacontene	13.72	14.0	ng	706567	5	13.86	1008300	20.0
unknown15.86	15.86	4.2	ng	180013	6	15.24	864964	20.0
.beta.-iso-Methyl...	16.25	3.6	ng	158039	6	15.24	864964	20.0