LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085118.D
Acq On : 2 Mar 2016 14:40
Operator : SJ/IZ
Sample : H1631-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43(6-8)

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-BF030116.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	5.178	250	253	257	rVB	503657	557184	13.66%	0.813%
2	5.578	286	288	291	rBV	1828570	2229835	54.68%	3.255%
3	6.001	322	325	328	rBV2	59657	99417	2.44%	0.145%
4	6.241	343	346	347	rBV2	55542	96678	2.37%	0.141%
5	6.424	360	362	364	rBV2	55243	89199	2.19%	0.130%
6	6.470	364	366	369	rVB3	40759	77827	1.91%	0.114%
7	6.527	369	371	375	rBV	309937	425606	10.44%	0.621%
8	6.596	375	377	380	rBV	1916329	2373374	58.20%	3.465%
9	6.664	380	383	384	rVB2	129799	134048	3.29%	0.196%
10	6.756	388	391	393	rBV	1980620	2664114	65.33%	3.889%
11	6.847	395	399	401	rVB3	86419	151224	3.71%	0.221%
12	6.893	401	403	406	rBV4	83114	187345	4.59%	0.273%
13	6.961	406	409	410	rBV2	116251	232181	5.69%	0.339%
14	6.984	410	411	415	rVB2	1002588	1124765	27.58%	1.642%
15	7.053	415	417	418	rBV	73508	85398	2.09%	0.125%
16	7.087	418	420	423	rBV3	61722	167227	4.10%	0.244%
17	7.144	423	425	427	rBV	2253772	1949936	47.82%	2.846%
18	7.224	430	432	433	rVB	68548	84794	2.08%	0.124%
19	7.259	433	435	437	rBV	324675	472563	11.59%	0.690%
20	7.339	440	442	443	rBV	80475	118149	2.90%	0.172%
21	7.384	443	446	447	rBV3	215866	337438	8.27%	0.493%
22	7.419	447	449	452	rVB2	202107	241777	5.93%	0.353%
23	7.464	452	453	455	rVB2	121454	132456	3.25%	0.193%
24	7.544	458	460	462	rVB	1505247	1191783	29.23%	1.740%
25	7.636	466	468	470	rVB2	351139	476371	11.68%	0.695%
26	7.693	470	473	474	rBV2	241386	461648	11.32%	0.674%
27	7.750	476	478	479	rVB2	79737	105833	2.60%	0.154%
28	7.796	479	482	485	rBV4	343420	647064	15.87%	0.945%
29	7.876	485	489	490	rBV3	198069	426878	10.47%	0.623%
30	7.921	490	493	494	rVB2	461528	511380	12.54%	0.747%
31	7.990	497	499	500	rBV	135685	138573	3.40%	0.202%
32	8.036	501	503	504	rBV2	223866	197431	4.84%	0.288%
33	8.093	507	508	511	rBV2	183054	301510	7.39%	0.440%
34	8.150	511	513	514	rBV	274373	394804	9.68%	0.576%

LSC Area Percent Report

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Acq On : 2 Mar 2016 14:40
Operator : SJ/IZ
Sample : H1631-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43(6-8)

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-BF030116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.230	518	520	521	rBV2	162096	287586	7.05%	0.420%
36	8.276	521	524	526	rBV	1777423	2090552	51.27%	3.052%
37	8.333	527	529	531	rVB2	770086	837964	20.55%	1.223%
38	8.367	531	532	533	rBV	387881	333141	8.17%	0.486%
39	8.447	538	539	541	rBV2	263356	376716	9.24%	0.550%
40	8.482	541	542	544	rBV	771322	588995	14.44%	0.860%
41	8.562	547	549	551	rBV2	581398	844412	20.71%	1.233%
42	8.630	553	555	556	rBV2	306570	480879	11.79%	0.702%
43	8.699	559	561	562	rBV	1278990	1144004	28.05%	1.670%
44	8.790	567	569	570	rBV	593846	829135	20.33%	1.210%
45	8.824	570	572	574	rBV2	1081706	1592655	39.06%	2.325%
46	9.030	587	590	591	rBV2	735617	850148	20.85%	1.241%
47	9.064	591	593	596	rVV4	456138	984973	24.15%	1.438%
48	9.156	599	601	603	rBV3	506097	899858	22.07%	1.314%
49	9.270	609	611	612	rBV2	648948	687198	16.85%	1.003%
50	9.304	612	614	616	rVB2	1584125	1850298	45.37%	2.701%
51	9.350	616	618	620	rBV	3011474	2633141	64.57%	3.844%
52	9.442	623	626	628	rBV2	1563887	2360334	57.88%	3.446%
53	9.750	651	653	655	rBV3	1838243	2866785	70.30%	4.185%
54	9.853	660	662	665	rBV4	461828	651948	15.99%	0.952%
55	9.910	665	667	668	rBV	924729	1261922	30.95%	1.842%
56	9.944	668	670	672	rVB	1061509	1686318	41.35%	2.462%
57	10.036	672	678	680	rBV2	1760067	4077836	100.00%	5.953%
58	10.070	680	681	686	rVB5	608084	1170328	28.70%	1.708%
59	10.379	704	708	709	rBV3	780315	1742923	42.74%	2.544%
60	10.447	712	714	716	rVB3	833812	844300	20.70%	1.233%
61	10.493	716	718	719	rBV	585643	705962	17.31%	1.031%
62	10.687	733	735	737	rVB2	1132327	1403101	34.41%	2.048%
63	10.825	745	747	749	rBV	925264	857986	21.04%	1.252%
64	10.950	756	758	762	rVB	2088718	2932037	71.90%	4.280%
65	11.167	775	777	783	rVB6	830034	1899462	46.58%	2.773%
66	11.419	797	799	802	rVB	1882802	2220769	54.46%	3.242%
67	11.522	807	808	811	rBV	807636	974622	23.90%	1.423%
68	12.973	933	935	937	rBV	1002381	1247409	30.59%	1.821%
69	16.871	1273	1276	1282	rVB	1373539	3401532	83.42%	4.966%

Sum of corrected areas: 68503039

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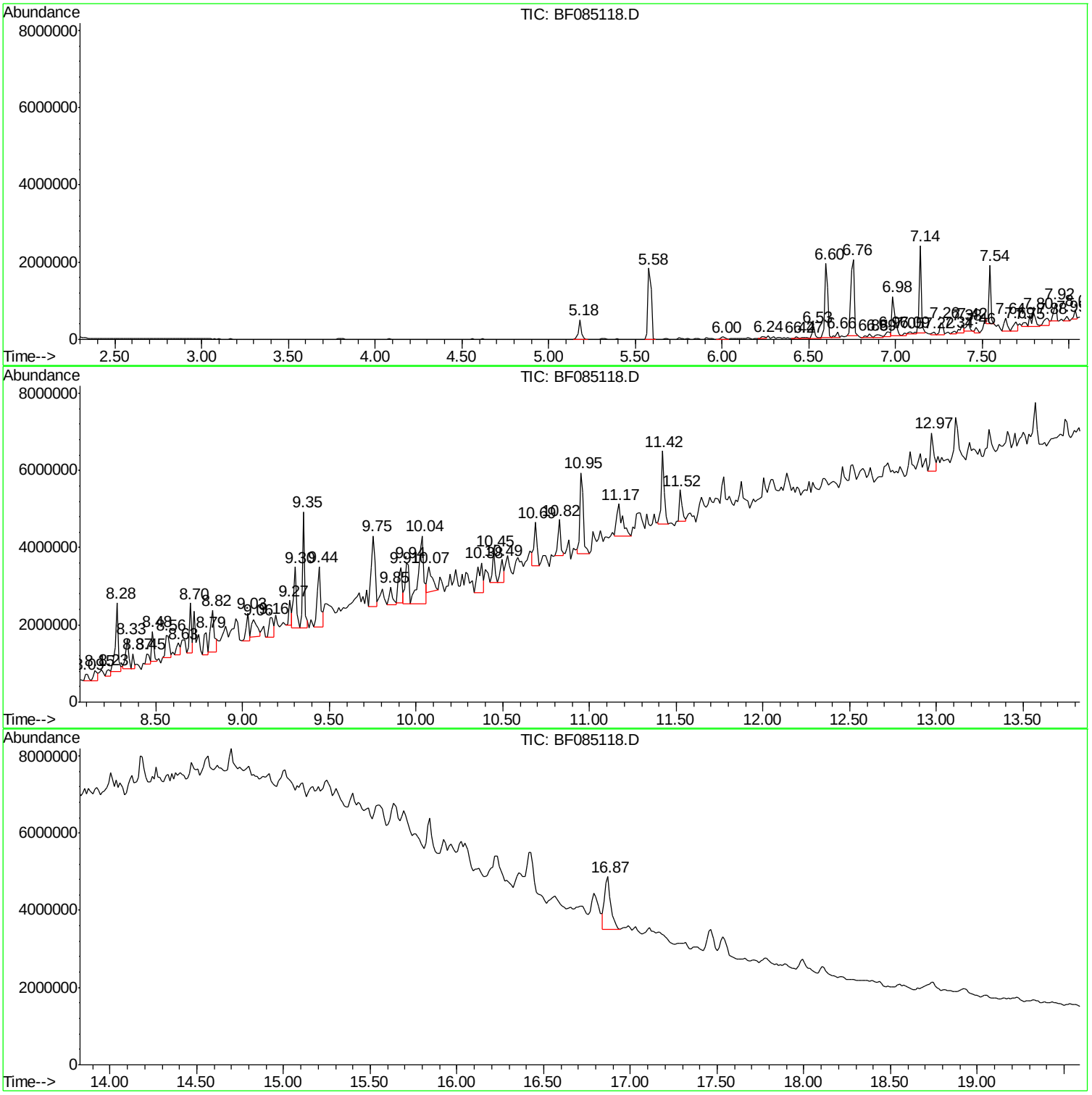
Acq On : 2 Mar 2016 14:40
Operator : SJ/IZ
Sample : H1631-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-43(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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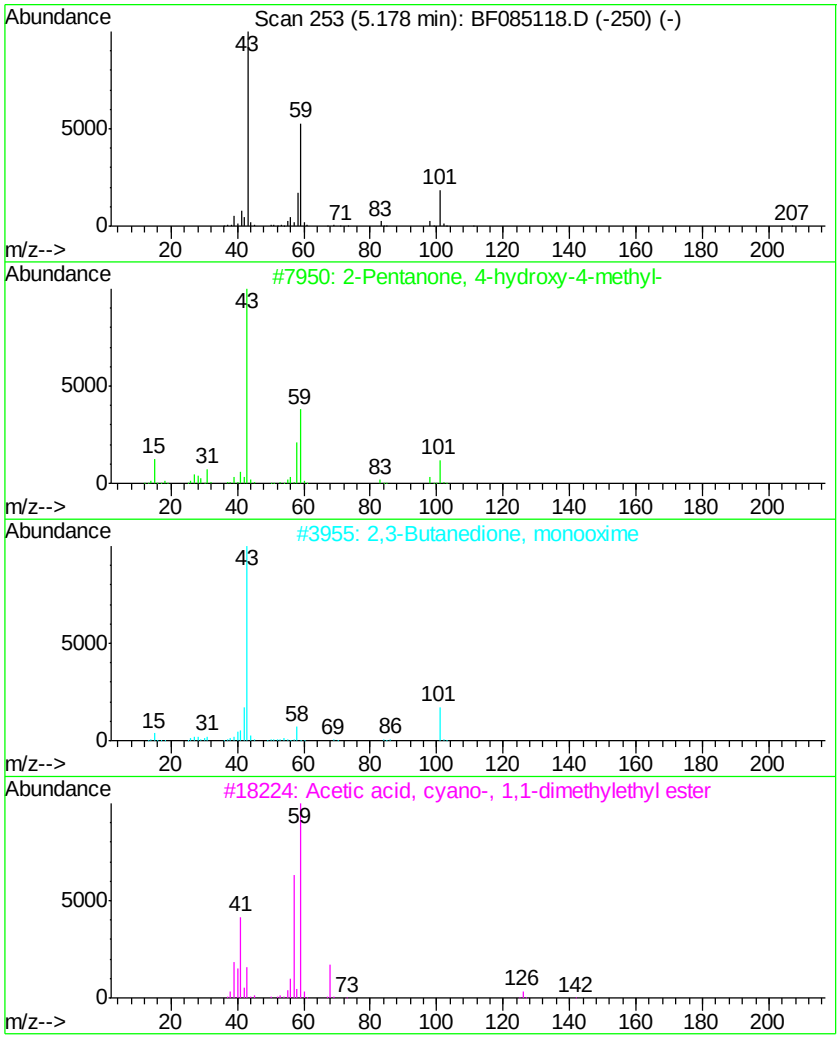
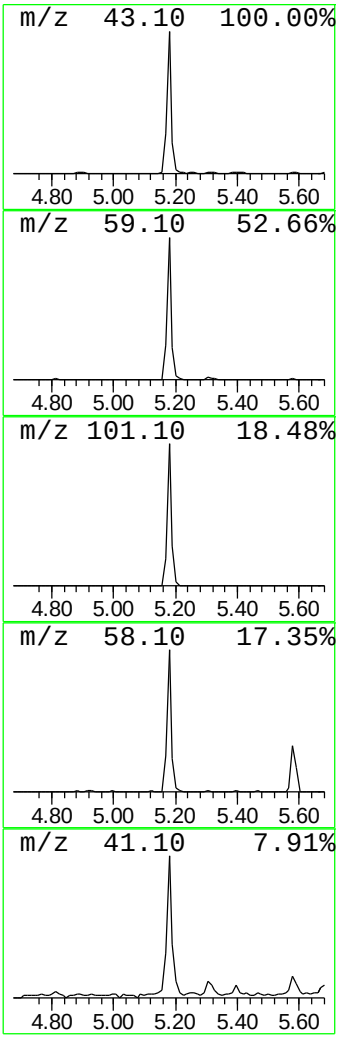
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	9.91 ng	557184	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085118.D
Acq On : 2 Mar 2016 14:40
Operator : SJ/IZ
Sample : H1631-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

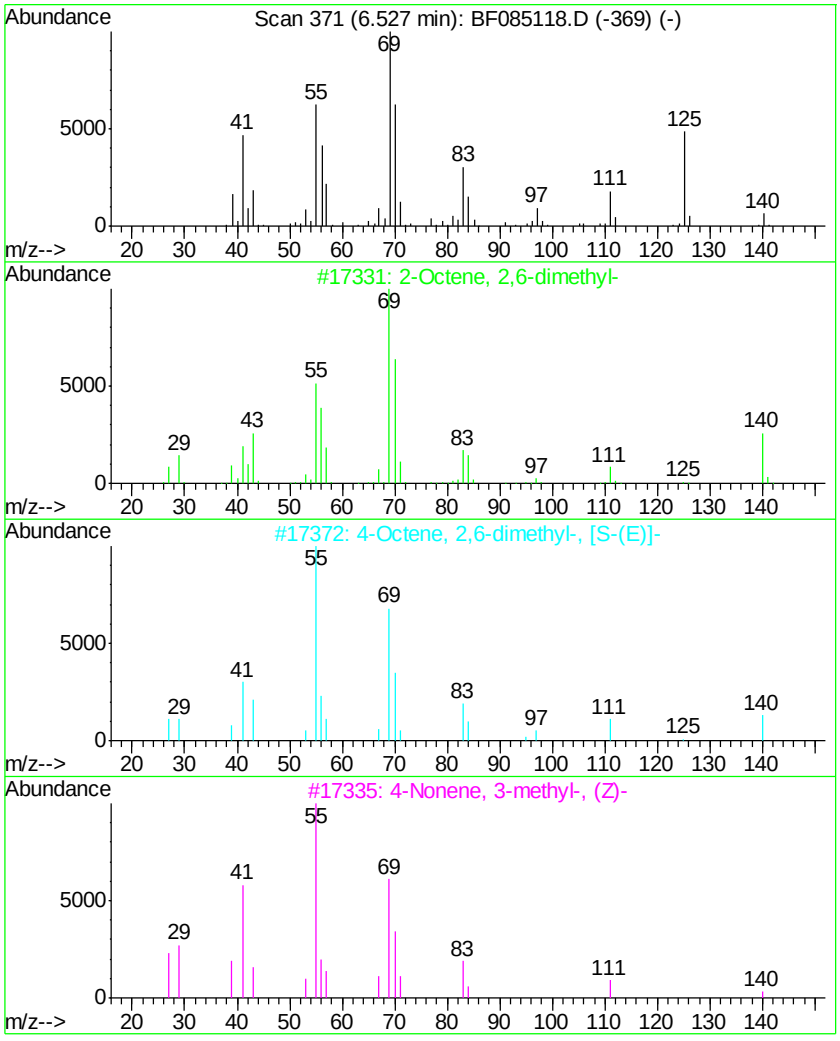
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

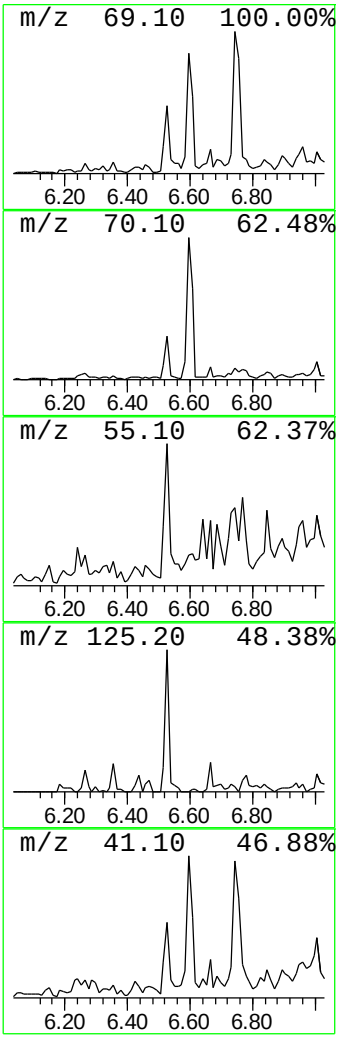
****

Peak Number 2 2-Octene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	7.57 ng	425606	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	76
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	62
3	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	59
4	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	58
5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	55





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Sample : H1631-02
Misc :
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Instrument : BNA_F
ClientSampleId : SB-43(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
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TIC Library : C:\DATABASE\NIST02.L
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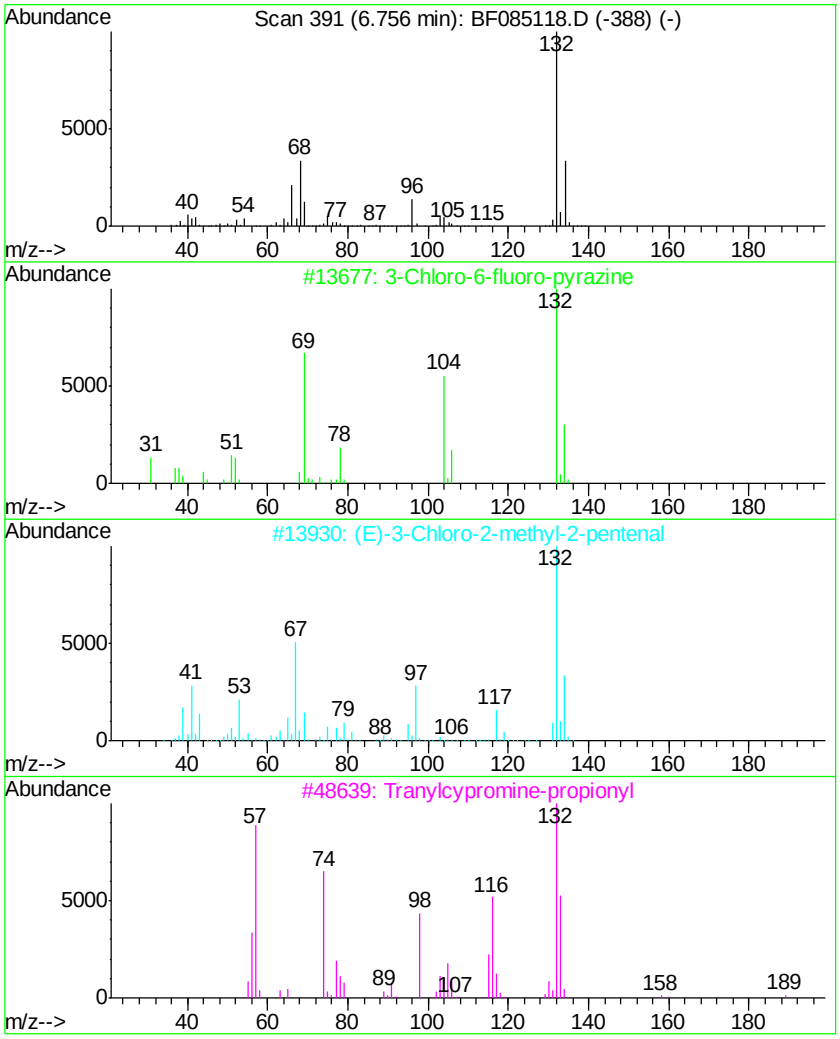
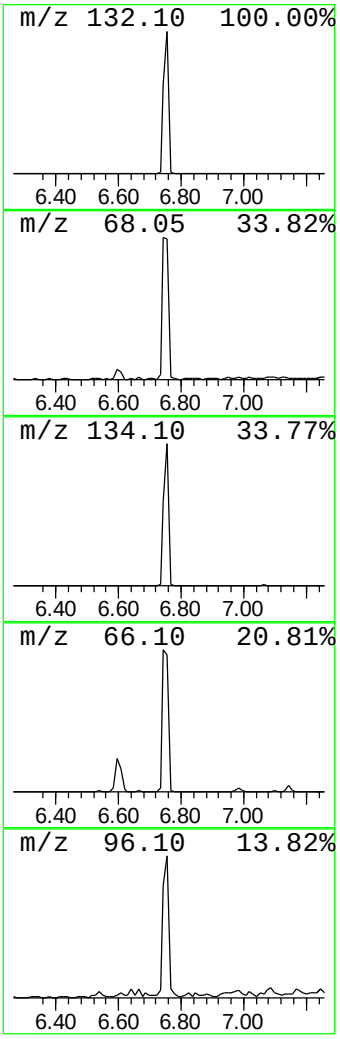
****

Peak Number 3 unknown6.76 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	47.37 ng	2664110	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
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Instrument : BNA_F
ClientSampleId : SB-43(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
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TIC Library : C:\DATABASE\NIST02.L
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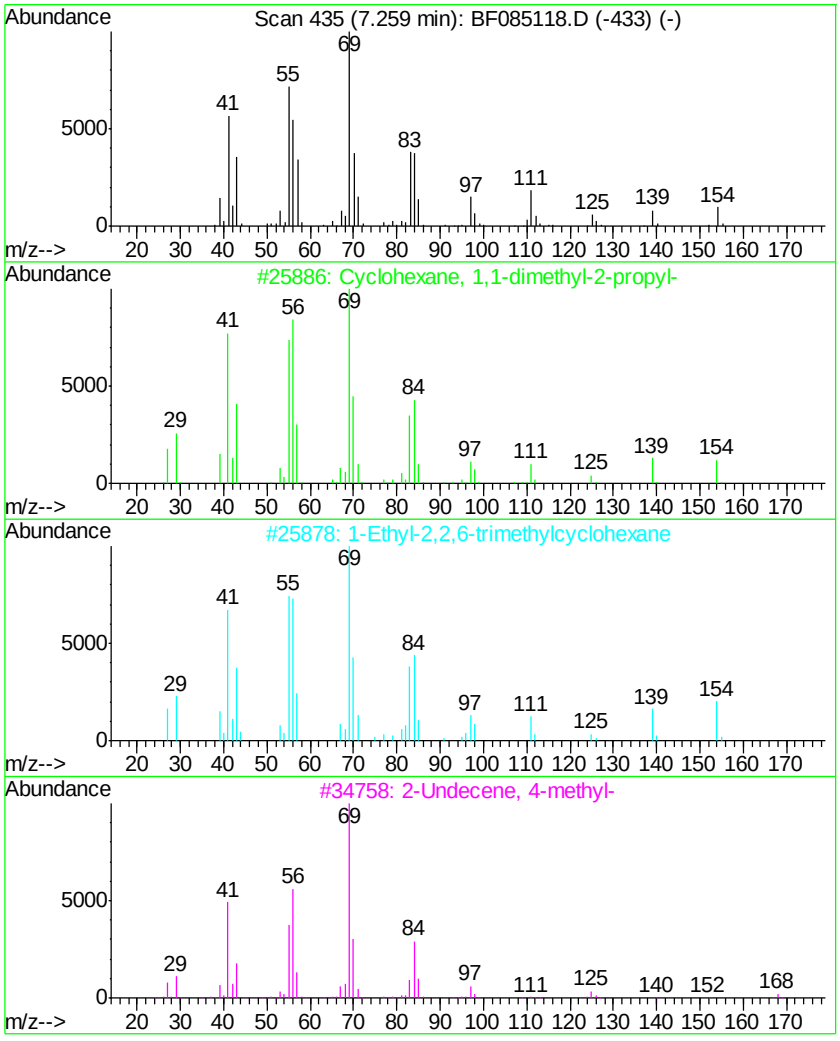
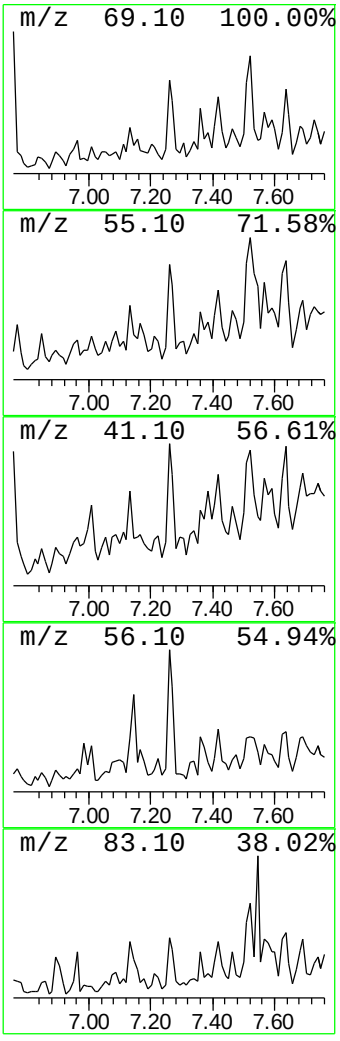
****

Peak Number 5 Cyclohexane, 1,1-dimethyl-2... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	8.40 ng	472563	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	95
2	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	91
3	2-Undecene, 4-methyl-	168	C12H24	091695-32-8	80
4	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	80
5	5-Undecene	154	C11H22	004941-53-1	72





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Data File : BF085118.D
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Sample : H1631-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

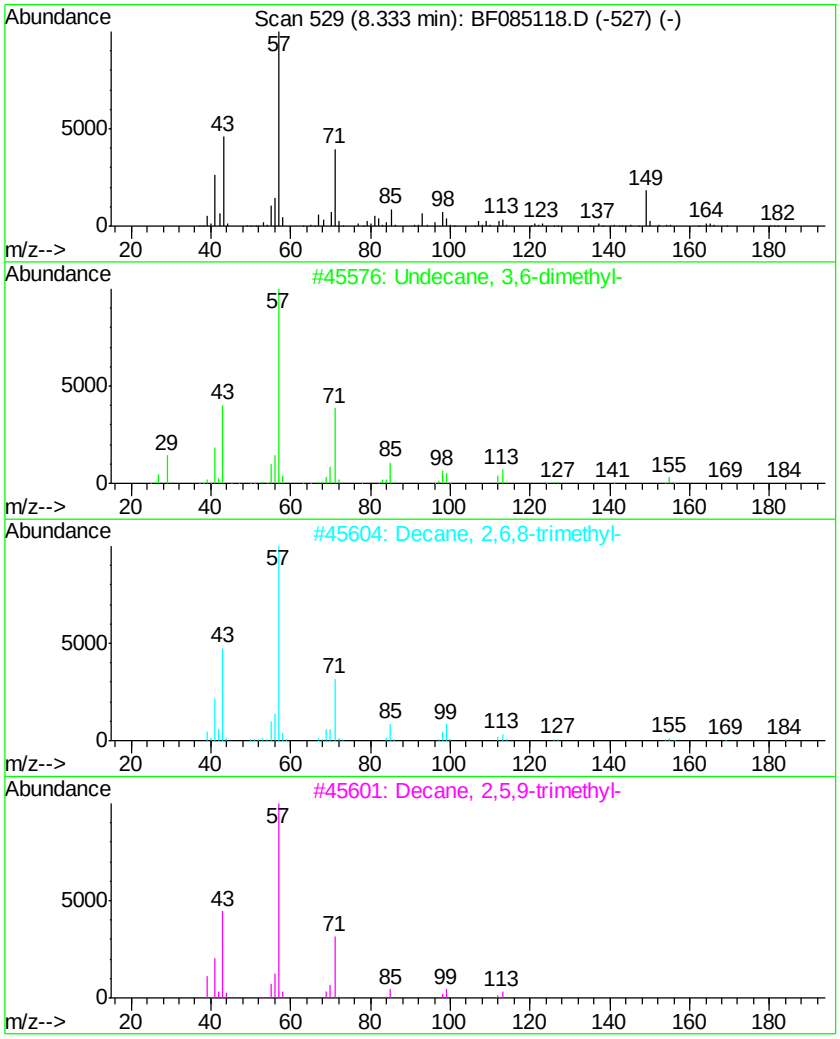
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

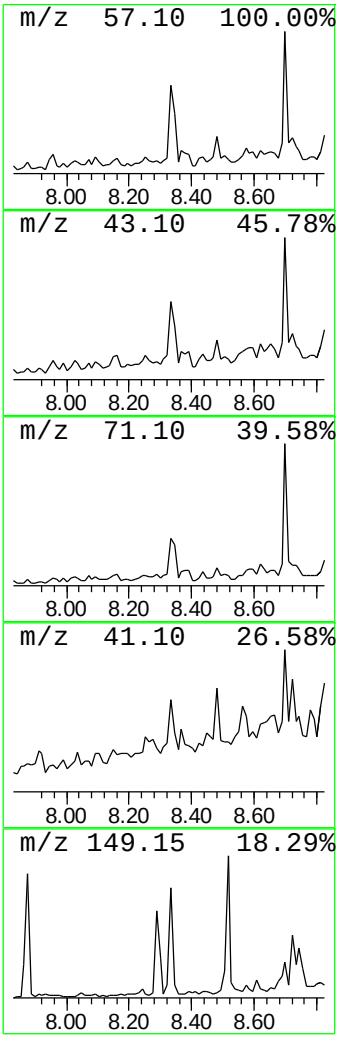
****

Peak Number 6 Undecane, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	8.02 ng	837964	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
4	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	59
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59





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Sample : H1631-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

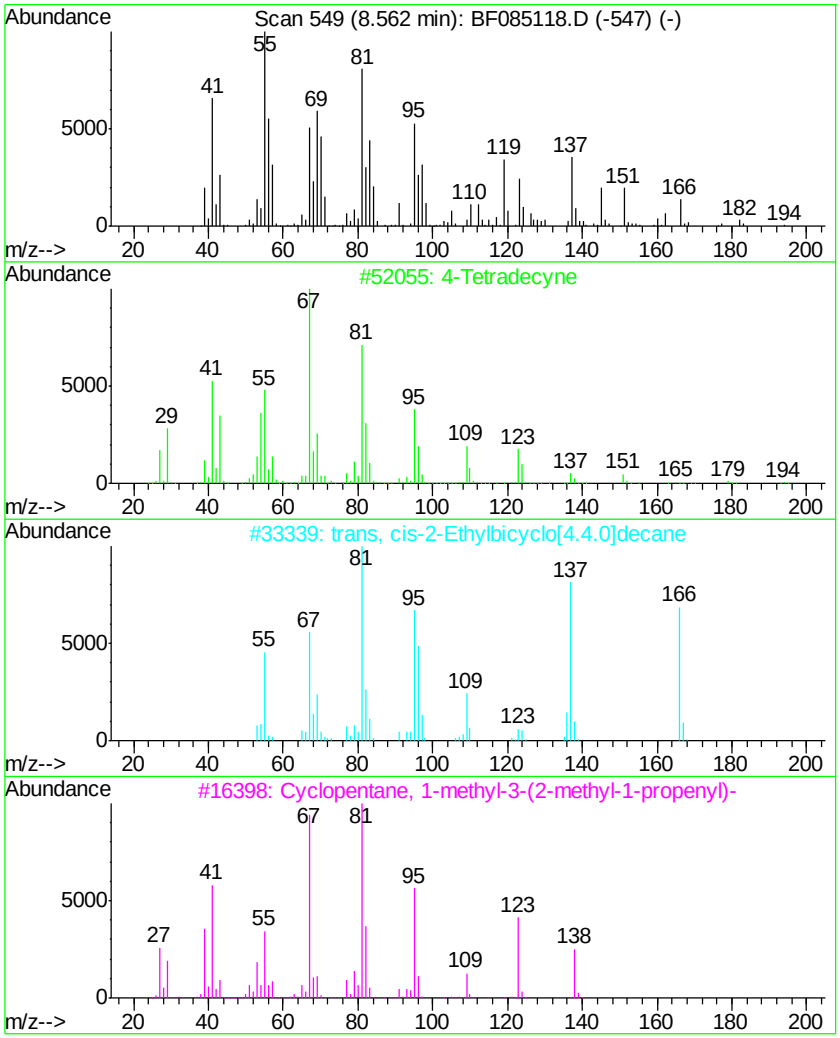
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

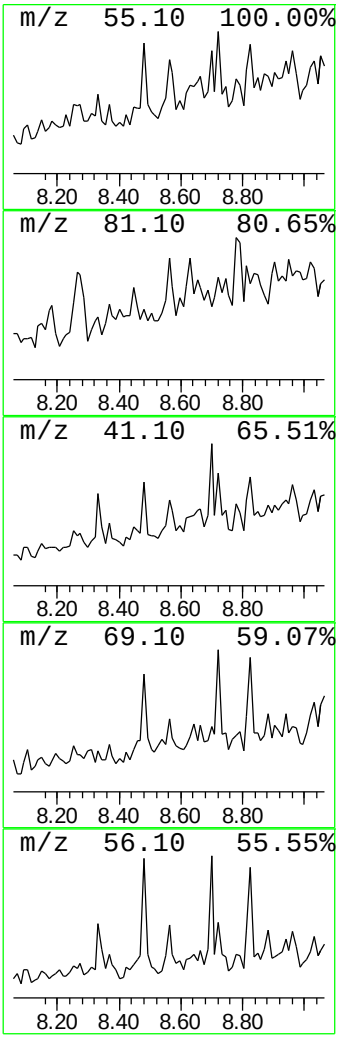
****

Peak Number 7 4-Tetradecyne Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	8.08 ng	844412	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Tetradecyne	194	C14H26	060212-33-1	53
2	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	49
3	Cyclopentane, 1-methyl-3-(2-meth...	138	C10H18	075873-01-7	45
4	Naphthalene, decahydro-1,1-dimet...	166	C12H22	035431-04-0	43
5	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	42





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085118.D
Acq On : 2 Mar 2016 14:40
Operator : SJ/IZ
Sample : H1631-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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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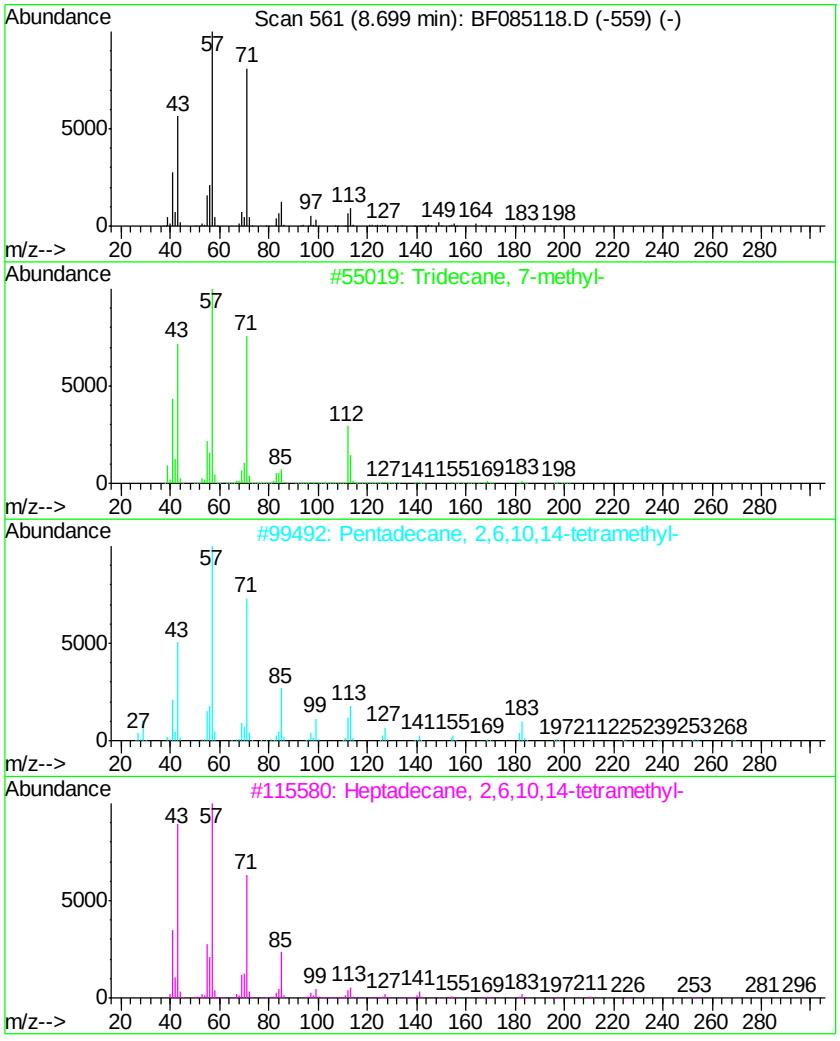
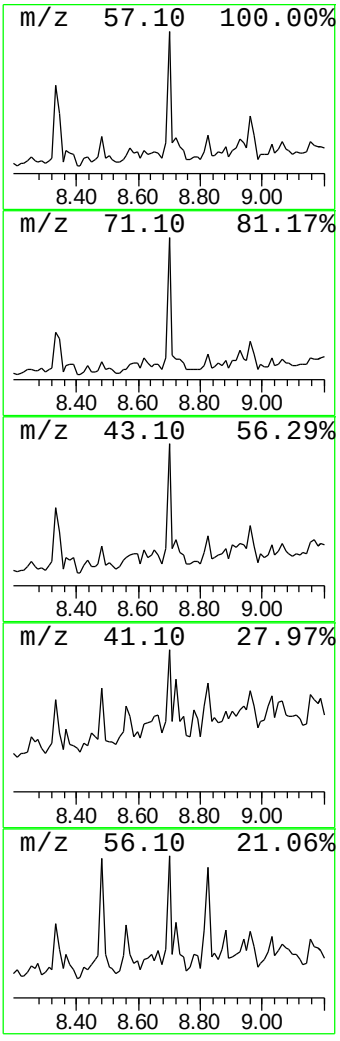
Peak Number 8 Tridecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	10.94 ng	1144000	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	78
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





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Operator : SJ/IZ
Sample : H1631-02
Misc :
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Instrument : BNA_F
ClientSampleId : SB-43(6-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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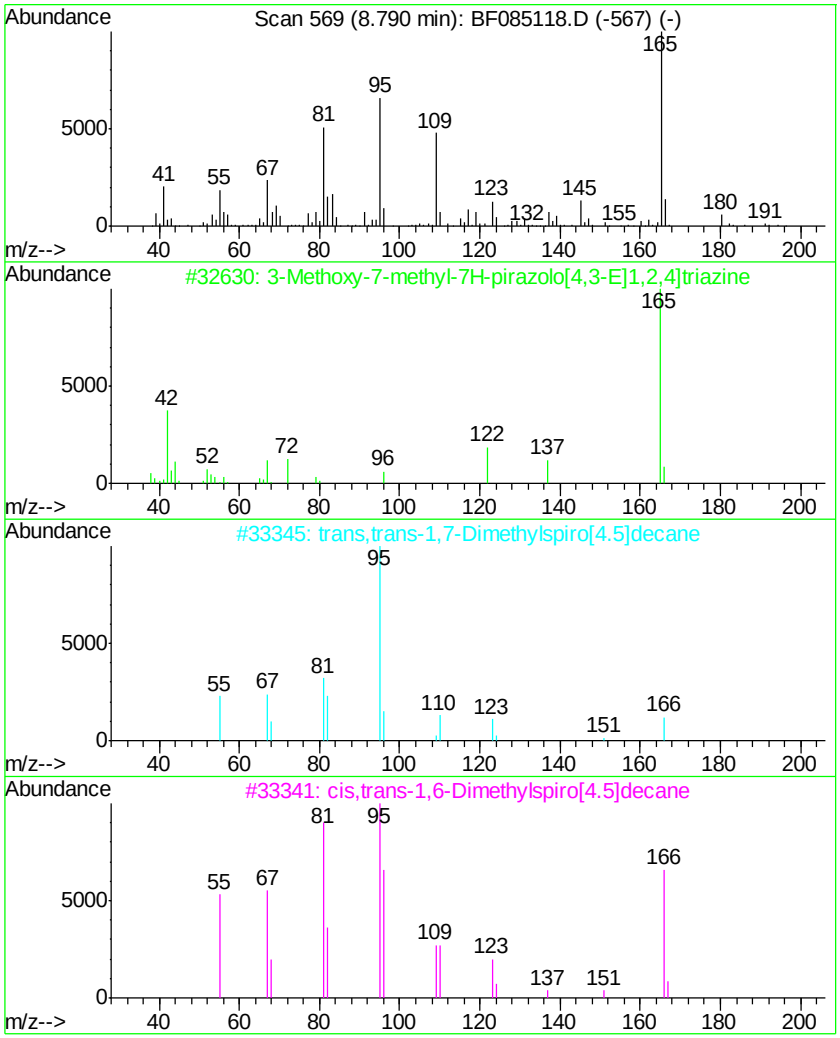
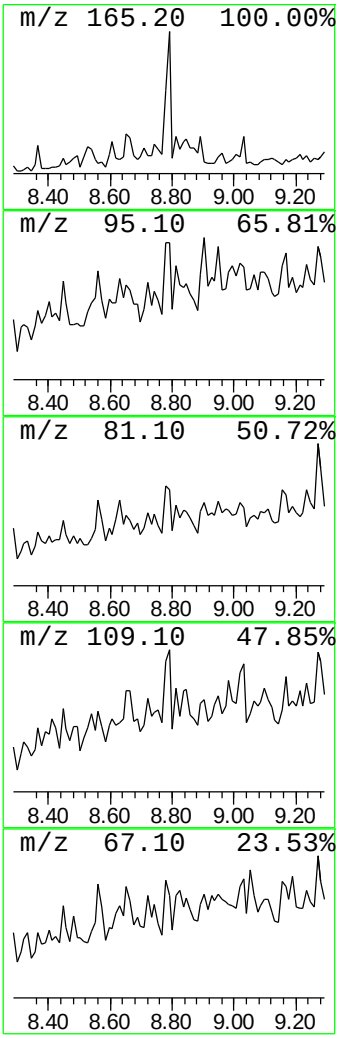
Peak Number 9 unknown8.79 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	7.93 ng	829135	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxy-7-methyl-7H-pirazolo[4...	165	C6H7N5O	037526-58-2	35
2	trans,trans-1,7-Dimethylspiro[4....	166	C12H22	1000111-72-6	30
3	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	30
4	trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	27
5	1,6-Dimethyl-7-oxo-1,2,3,7-tetra...	165	C8H11N3O	026955-09-9	27





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Instrument : BNA_F
ClientSampleId : SB-43(6-8)

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

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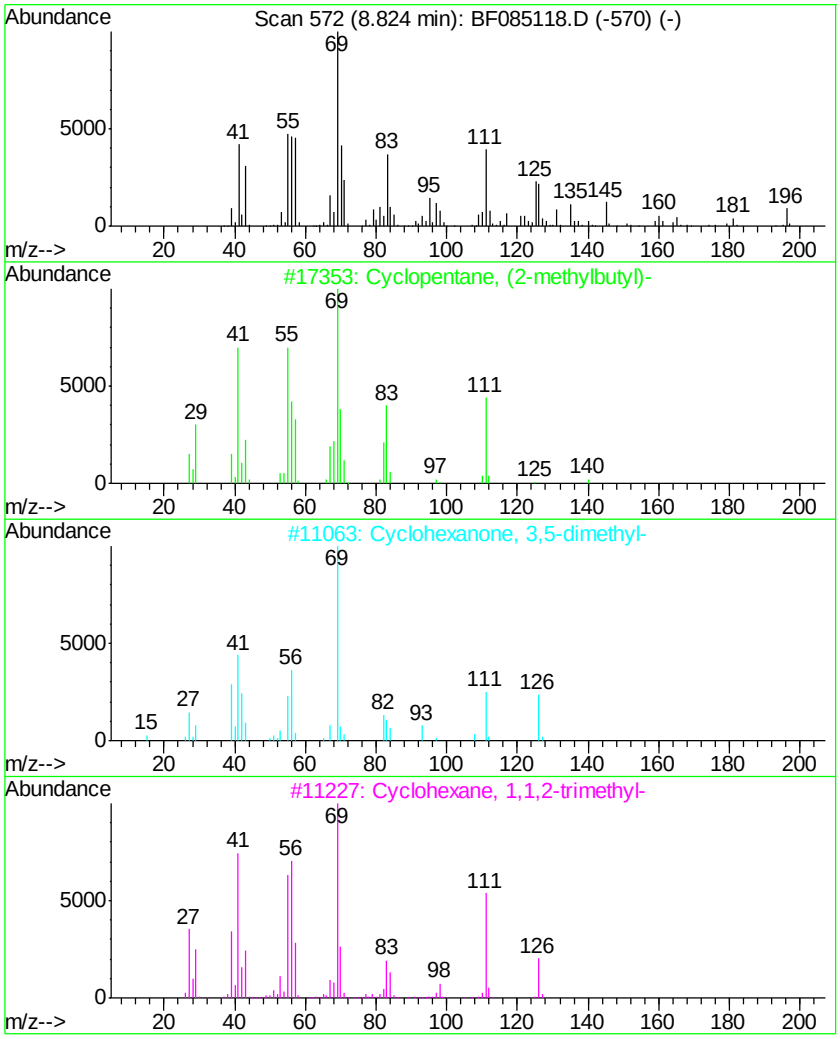
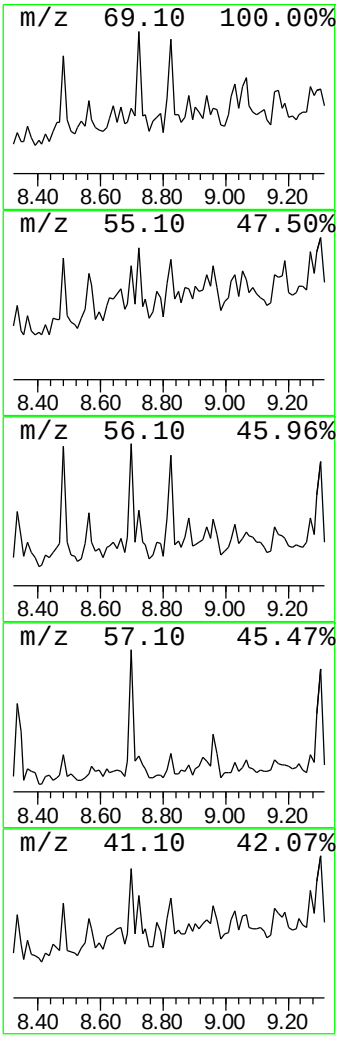
Peak Number 10 Cyclopentane, (2-methylbutyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	15.24 ng	1592660	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	62
2	Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	47
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	47
4	Cyclopentane, ethyl-	98	C7H14	001640-89-7	46
5	2-Methyl-2-octene	126	C9H18	016993-86-5	46





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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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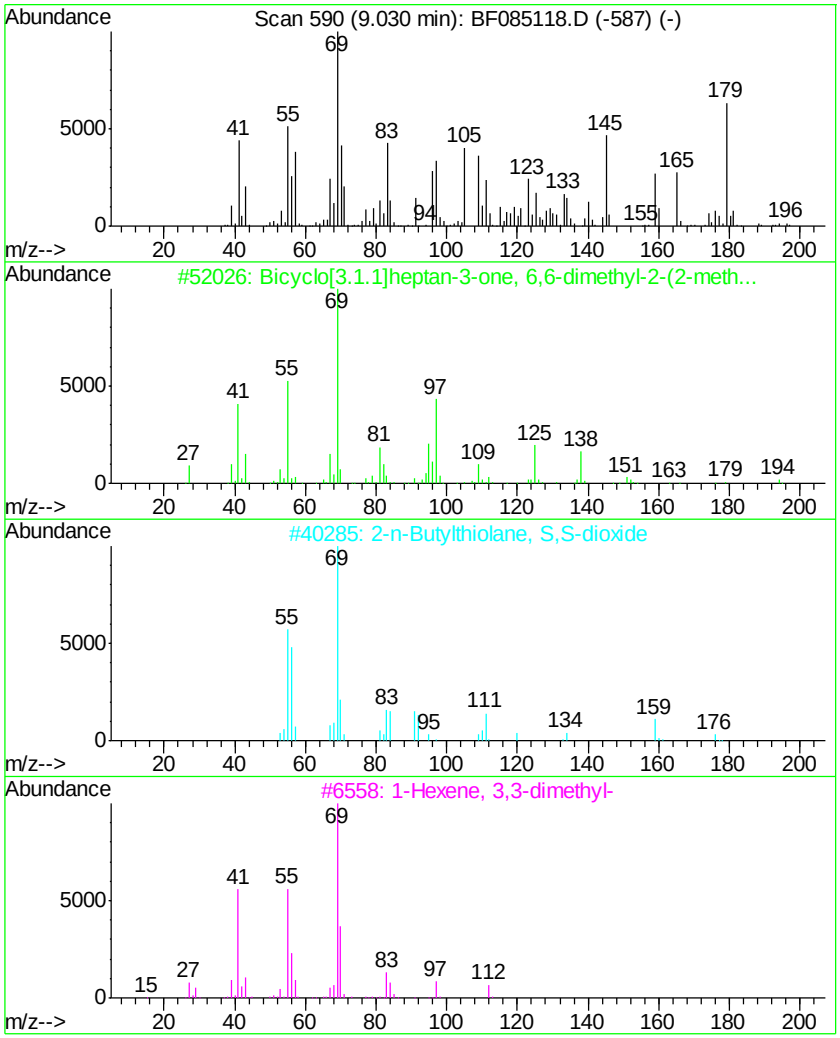
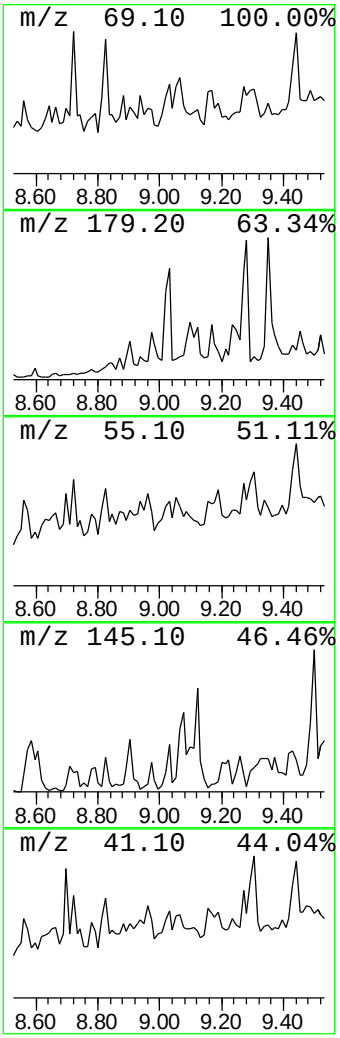
Peak Number 11 unknown9.03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	8.13 ng	850148	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	30
2	2-n-Butylthiolane, S,S-dioxide	176	C8H16O2S	071053-03-7	27
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	25
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	22
5	3,4,4-Trimethyl-cyclohex-2-en-1-ol	140	C9H16O	073741-63-6	22





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ClientSampleId : SB-43(6-8)

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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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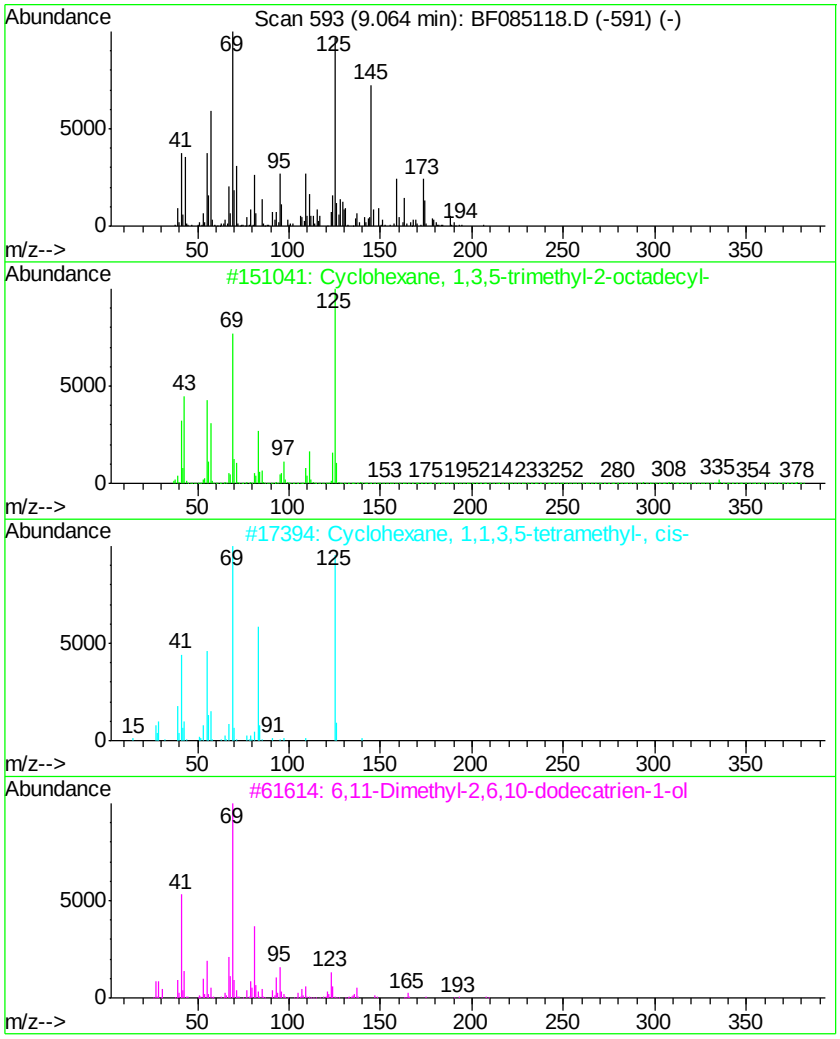
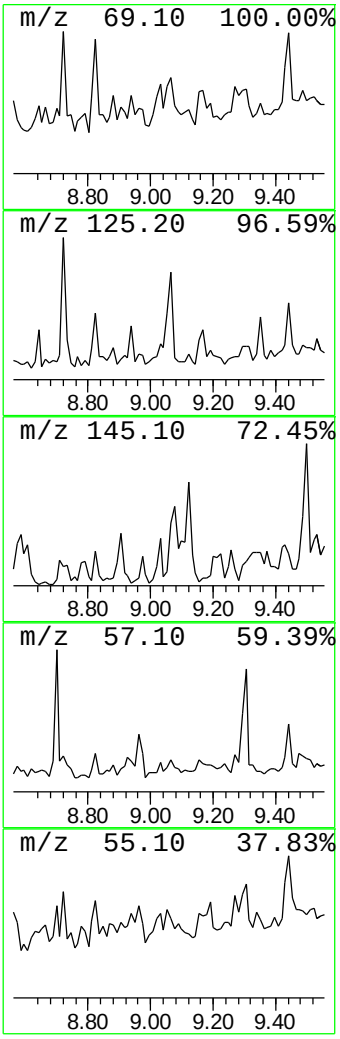
Peak Number 12 unknown9.06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	9.42 ng	984973	Naphthalene-d8	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	43
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	38
3	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	22
4	1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	18
5	1,5-Heptadiene, 2,3,6-trimethyl-	138	C10H18	033501-88-1	18





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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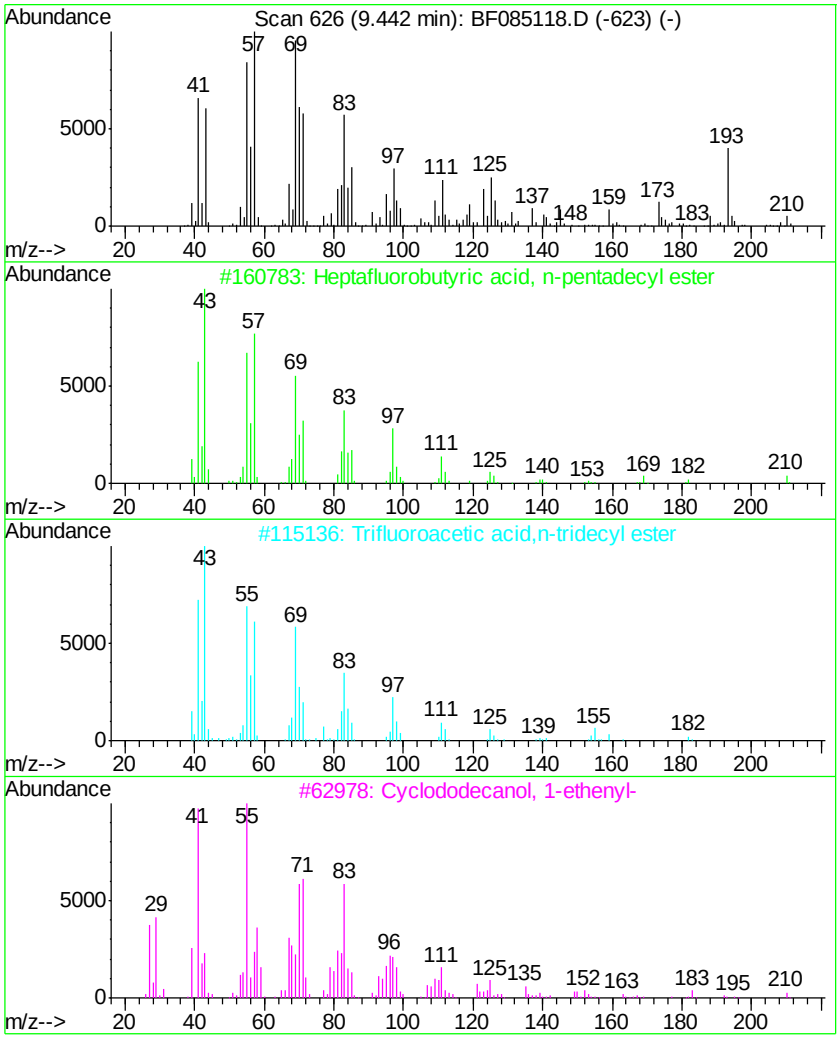
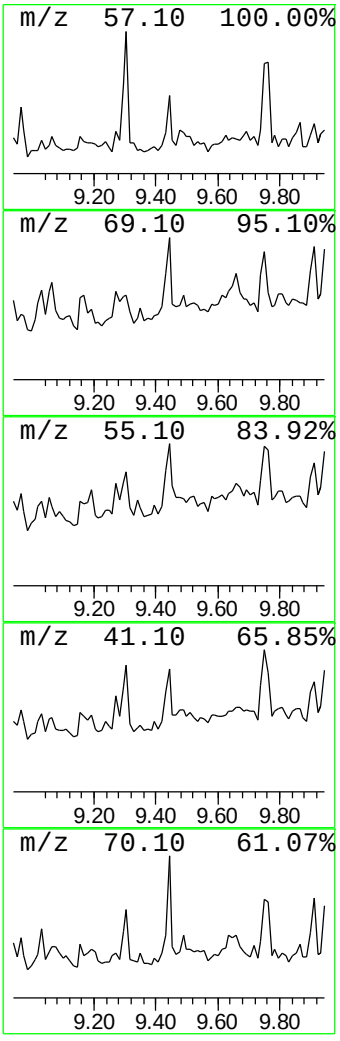
Peak Number 13 Heptafluorobutyric acid, n-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	11.58 ng	2360330	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	58
2	Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	52
3	Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	42
4	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	38
5	Cyclopentadecane	210	C15H30	000295-48-7	35





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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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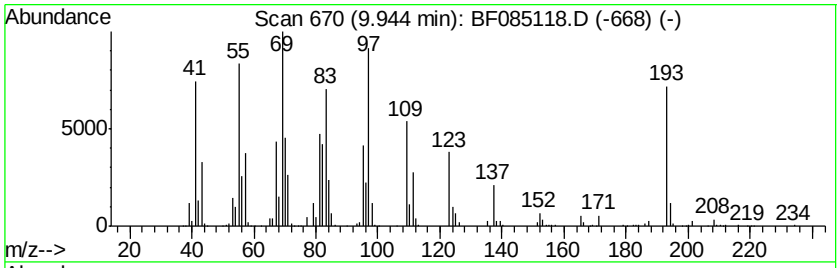
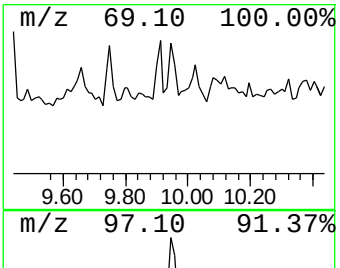
Peak Number 14 unknown9.94 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	8.27 ng	1686320	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	43
2	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	38
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	35
4	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	30
5	Neopentylidenecyclohexane	152	C11H20	039546-80-0	27





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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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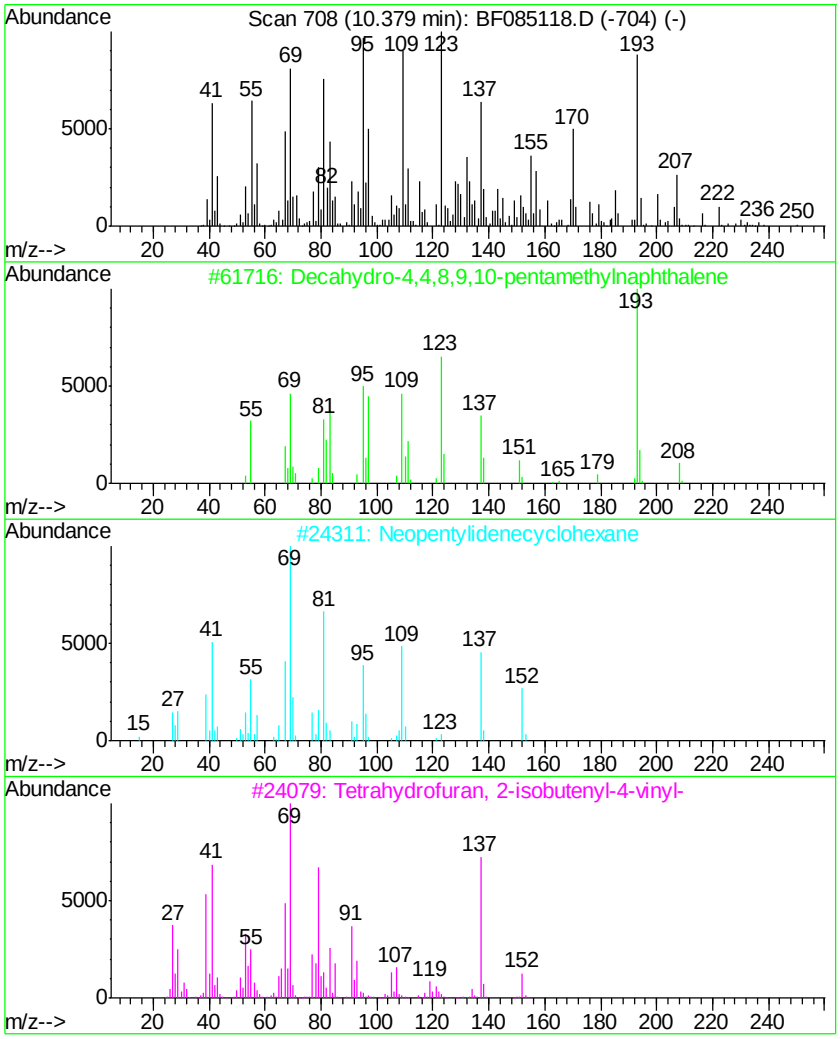
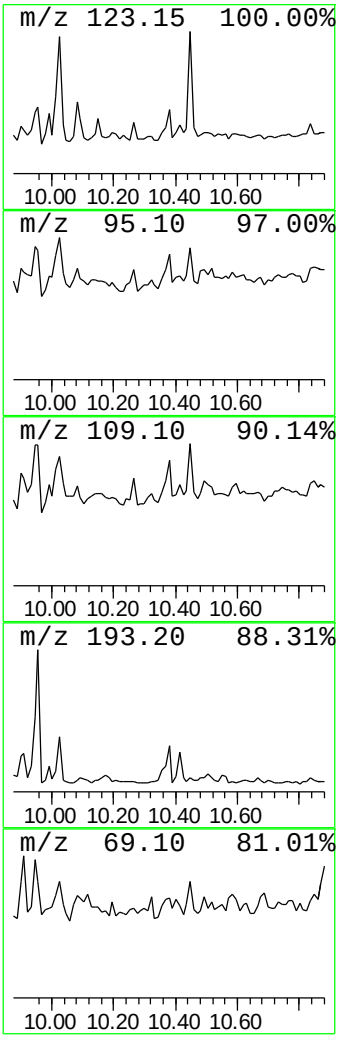
Peak Number 15 Decahydro-4,4,8,9,10-pentam... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	8.55 ng	1742920	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	50
3	Tetrahydrofuran, 2-isobutenyl-4-...	152	C10H16O	1000150-01-5	41
4	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	30
5	Bicyclo[3.1.1]heptane-2-carboxal...	152	C10H16O	004764-14-1	25





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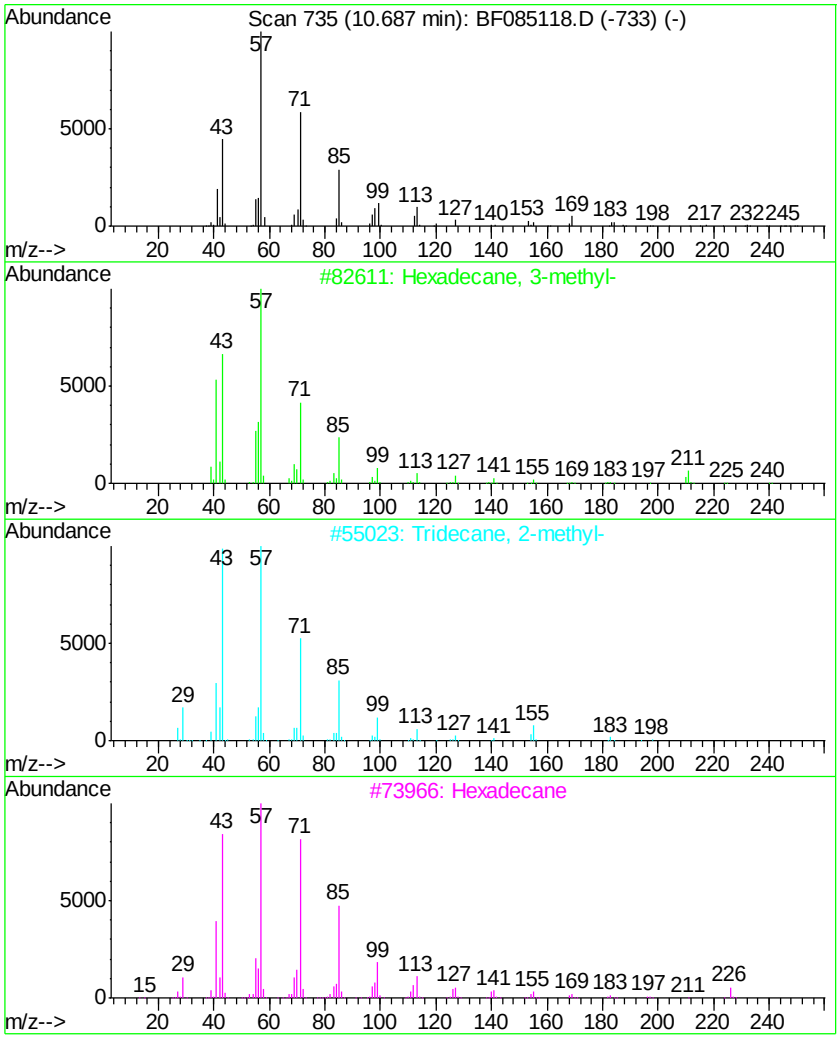
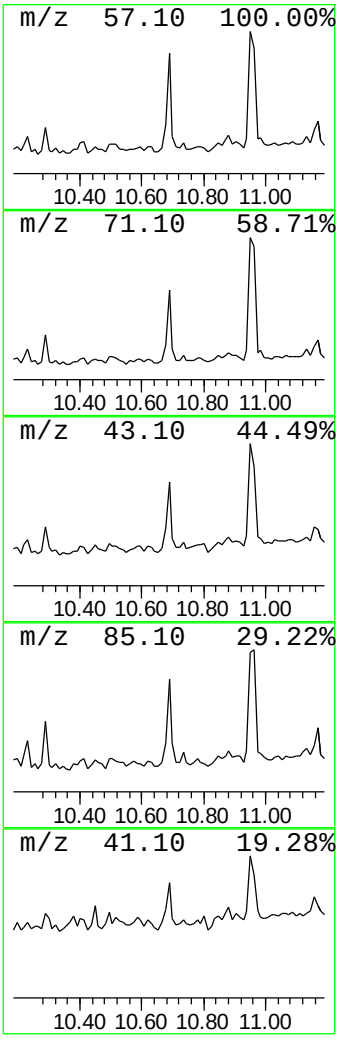
Peak Number 16 Hexadecane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	6.88 ng	1403100	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	83
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
3	Hexadecane	226	C16H34	000544-76-3	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Tridecane	184	C13H28	000629-50-5	72





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

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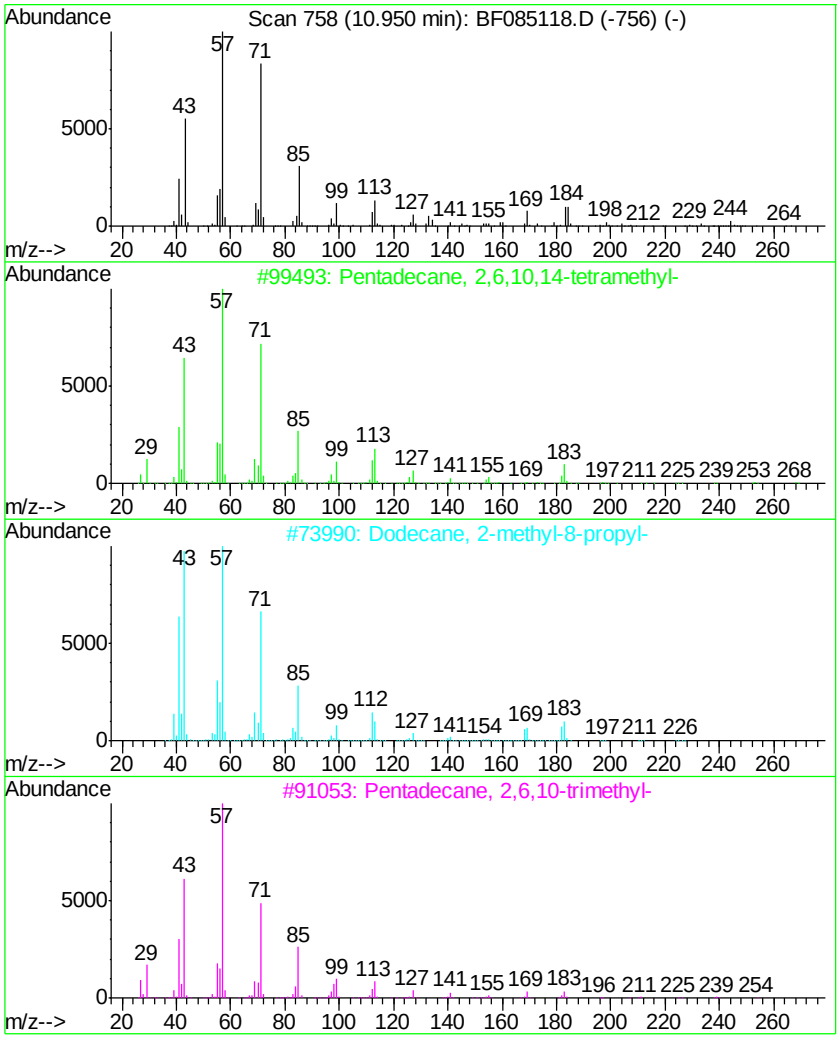
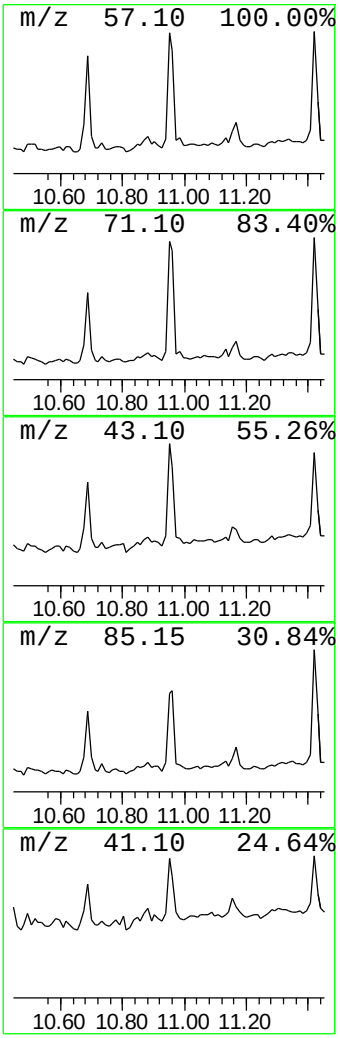
Peak Number 17 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	60.17 ng	2932040	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	53
2	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	53
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	50
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49
5	Undecane, 4-methyl-	170	C12H26	002980-69-0	47





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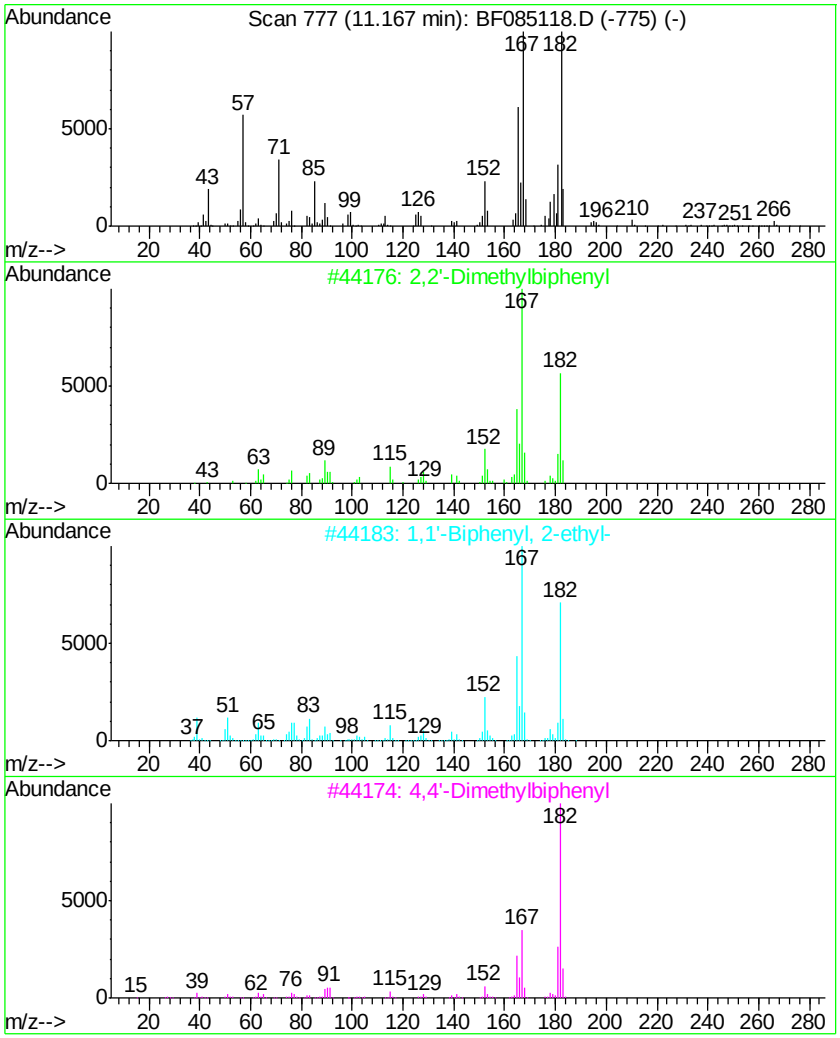
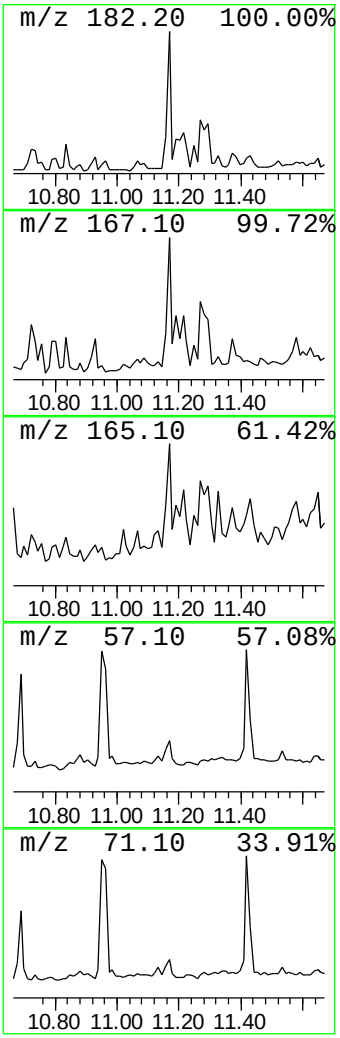
Peak Number 18 2,2'-Dimethylbiphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	38.98 ng	1899460	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	93
2	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	87
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	87
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	81
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	76





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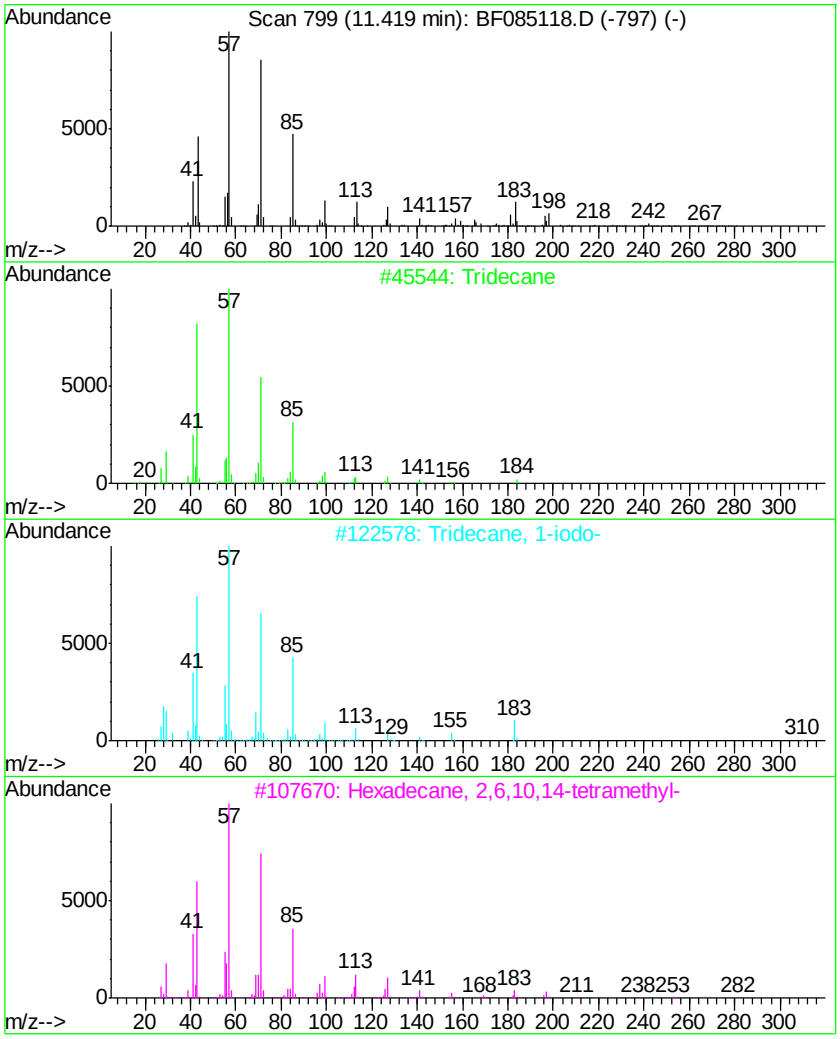
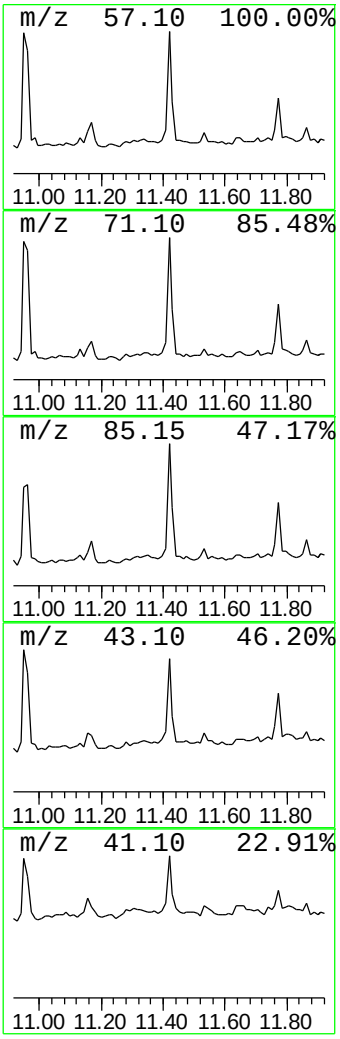
Peak Number 19 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	45.57 ng	2220770	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





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Sample : H1631-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

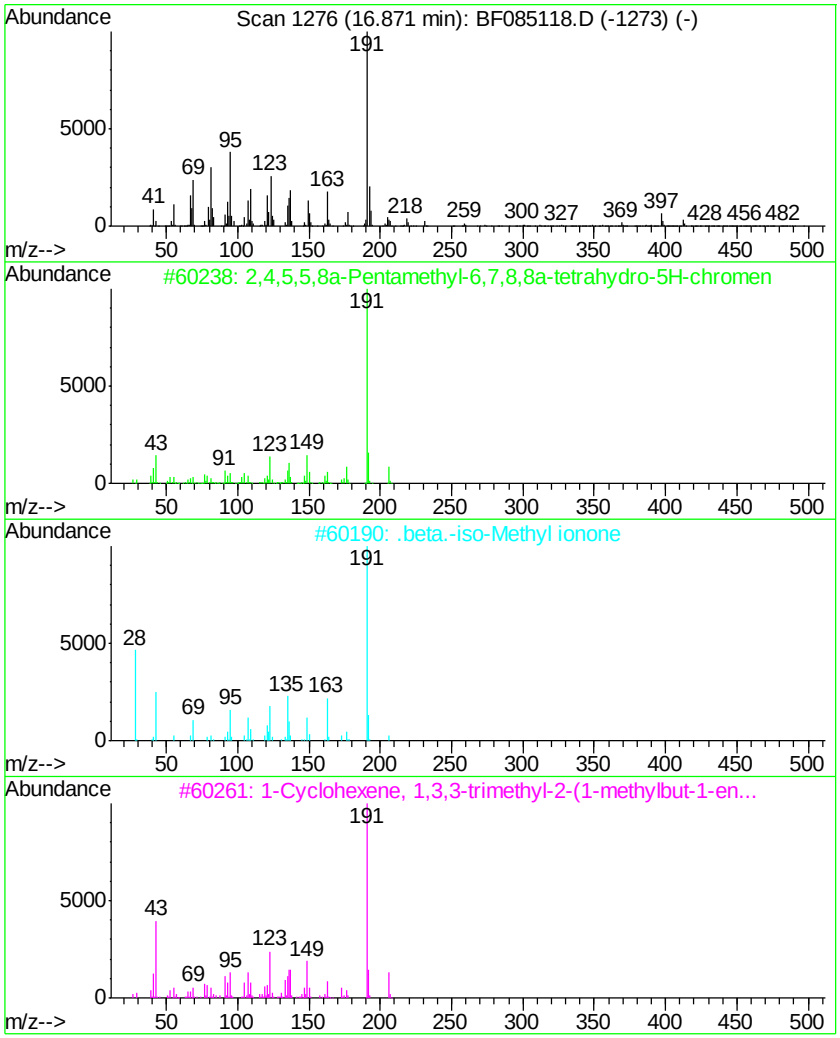
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

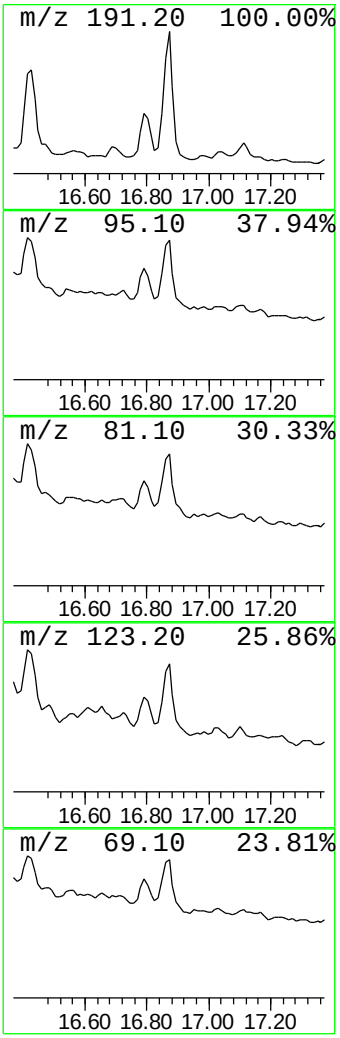
****

Peak Number 20 2,4,5,5,8a-Pentamethyl-6,7,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	20.00 ng	3401530	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	72
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	70
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	50
4	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	49
5	4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085118.D
Acq On : 2 Mar 2016 14:40
Operator : SJ/IZ
Sample : H1631-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-43(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.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...	5.18	9.9	ng	557184	1	6.98	1124770	20.0
2-Octene, 2,6-dim...	6.53	7.6	ng	425606	1	6.98	1124770	20.0
unknown6.76	6.76	47.4	ng	2664110	1	6.98	1124770	20.0
Cyclohexane, 1,1-...	7.26	8.4	ng	472563	1	6.98	1124770	20.0
Undecane, 3,6-dim...	8.33	8.0	ng	837964	2	8.28	2090550	20.0
4-Tetradecyne	8.56	8.1	ng	844412	2	8.28	2090550	20.0
Tridecane, 7-methyl-	8.70	10.9	ng	1144000	2	8.28	2090550	20.0
unknown8.79	8.79	7.9	ng	829135	2	8.28	2090550	20.0
Cyclopentane, (2-...	8.82	15.2	ng	1592660	2	8.28	2090550	20.0
unknown9.03	9.03	8.1	ng	850148	2	8.28	2090550	20.0
unknown9.06	9.06	9.4	ng	984973	2	8.28	2090550	20.0
Heptafluorobutyri...	9.44	11.6	ng	2360330	3	10.04	4077840	20.0
unknown9.94	9.94	8.3	ng	1686320	3	10.04	4077840	20.0
Decahydro-4,4,8,9...	10.38	8.6	ng	1742920	3	10.04	4077840	20.0
Hexadecane, 3-met...	10.69	6.9	ng	1403100	3	10.04	4077840	20.0
Pentadecane, 2,6,...	10.95	60.2	ng	2932040	4	11.52	974622	20.0
2,2'-Dimethylbiph...	11.17	39.0	ng	1899460	4	11.52	974622	20.0
Tridecane	11.42	45.6	ng	2220770	4	11.52	974622	20.0
2,4,5,5,8a-Pentam...	16.87	20.0	ng	3401530	6	15.69	3401530	20.0