LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
Data File : BF093597.D
Acq On : 12 Mar 2017 8:05
Operator : SJ/MA
Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

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-BF030717.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	4.859	258	260	266	rBV	494069	725873	2.42%	0.237%
2	5.316	298	300	308	rVV	2947140	3840619	12.80%	1.253%
3	5.693	329	333	335	rBV2	216563	359731	1.20%	0.117%
4	5.830	343	345	347	rBV	257016	303742	1.01%	0.099%
5	5.933	353	354	358	rVB2	511122	879157	2.93%	0.287%
6	6.002	358	360	361	rBV	284965	422878	1.41%	0.138%
7	6.024	361	362	368	rVB4	164303	458540	1.53%	0.150%
8	6.139	368	372	375	rBV2	352955	744536	2.48%	0.243%
9	6.196	375	377	378	rBV	2018351	2212135	7.37%	0.722%
10	6.219	378	379	385	rVB3	420250	947511	3.16%	0.309%
11	6.322	385	388	391	rBV2	1171079	2317117	7.72%	0.756%
12	6.390	391	394	397	rBV	2989214	4743742	15.81%	1.548%
13	6.447	397	399	400	rBV	273772	315591	1.05%	0.103%
14	6.493	400	403	406	rVB2	4071125	5832157	19.43%	1.903%
15	6.550	406	408	411	rBV3	713305	1312127	4.37%	0.428%
16	6.653	414	417	419	rBV	2953084	4034500	13.44%	1.316%
17	6.745	421	425	427	rVB	7544794	15676271	52.23%	5.114%
18	6.813	427	431	432	rBV	4812709	8689080	28.95%	2.835%
19	6.859	432	435	441	rVB3	8107396	22705277	75.65%	7.407%
20	7.019	441	449	451	rBV2	8062454	30013431	100.00%	9.791%
21	7.087	451	455	459	rBV2	8161483	23641266	78.77%	7.712%
22	7.179	459	463	466	rVV2	6421352	16650140	55.48%	5.432%
23	7.247	466	469	470	rVV	4960621	7626881	25.41%	2.488%
24	7.270	470	471	473	rVV2	3063965	4814666	16.04%	1.571%
25	7.305	473	474	476	rVV2	3984145	8032277	26.76%	2.620%
26	7.373	478	480	485	rBV3	2525109	7725961	25.74%	2.520%
27	7.453	485	487	488	rBV	2682642	3698029	12.32%	1.206%
28	7.487	488	490	492	rVB2	4700639	6405931	21.34%	2.090%
29	7.533	492	494	495	rBV2	2983528	3334016	11.11%	1.088%
30	7.567	495	497	498	rVV	1814962	2324802	7.75%	0.758%
31	7.625	500	502	503	rVV2	828874	1178571	3.93%	0.384%
32	7.647	503	504	506	rVB2	1594377	1470664	4.90%	0.480%
33	7.716	506	510	511	rBV2	1826985	4387183	14.62%	1.431%
34	7.762	511	514	515	rVV2	5027620	8246050	27.47%	2.690%

LSC Area Percent Report

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Operator : SJ/MA
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Misc :
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Instrument : BNA_F
ClientSampleId : HY-SB412A

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-BF030717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.796	515	517	519	rVV	4692308	6857709	22.85%	2.237%
36	7.830	519	520	522	rVB2	3043579	3146507	10.48%	1.026%
37	7.899	522	526	529	rBV2	2119949	4951727	16.50%	1.615%
38	7.956	529	531	533	rBV3	979588	2219045	7.39%	0.724%
39	8.013	533	536	539	rVV4	1506587	3886484	12.95%	1.268%
40	8.059	539	540	545	rVB4	1325000	2047849	6.82%	0.668%
41	8.173	548	550	551	rBV2	734961	771025	2.57%	0.252%
42	8.208	551	553	555	rBV3	1341884	1941080	6.47%	0.633%
43	8.299	558	561	563	rBV3	1618251	2917493	9.72%	0.952%
44	8.356	563	566	568	rBV4	934774	2140446	7.13%	0.698%
45	8.402	568	570	571	rVB2	1046087	1337050	4.45%	0.436%
46	8.448	571	574	578	rVB3	3935967	8251031	27.49%	2.692%
47	8.516	578	580	581	rBV	943344	1276886	4.25%	0.417%
48	8.550	581	583	584	rBV2	1163485	1207452	4.02%	0.394%
49	8.928	614	616	617	rVB	1321596	1381127	4.60%	0.451%
50	8.996	617	622	624	rBV4	749751	2003791	6.68%	0.654%
51	9.042	624	626	628	rBV	2597313	4519317	15.06%	1.474%
52	9.168	635	637	640	rBV2	1978548	3804565	12.68%	1.241%
53	9.511	662	667	670	rVB3	2308235	5870938	19.56%	1.915%
54	9.636	676	678	680	rBV3	968489	1963076	6.54%	0.640%
55	9.682	680	682	683	rVB2	1735056	1828473	6.09%	0.596%
56	9.751	686	688	691	rVV4	1024074	1943445	6.48%	0.634%
57	9.888	698	700	702	rVB2	1106649	1264088	4.21%	0.412%
58	10.036	710	713	716	rVB4	1601415	2826734	9.42%	0.922%
59	10.093	716	718	720	rBV2	1297005	1925685	6.42%	0.628%
60	10.436	745	748	750	rVB	2096958	3248789	10.82%	1.060%
61	10.699	768	771	774	rVB2	2869978	5467709	18.22%	1.784%
62	10.905	787	789	790	rVB2	1077830	960003	3.20%	0.313%
63	11.156	809	811	814	rVB	2590641	3587447	11.95%	1.170%
64	11.259	818	820	828	rVB4	928704	2357205	7.85%	0.769%
65	11.499	839	841	844	rBV3	1282574	1418677	4.73%	0.463%
66	12.311	910	912	913	rVB	776982	719403	2.40%	0.235%
67	12.471	924	926	927	rBV	1677918	1407984	4.69%	0.459%
68	12.699	943	946	949	rBV2	1641085	2478813	8.26%	0.809%
69	12.837	955	958	960	rVB	1490112	1697133	5.65%	0.554%
70	12.962	968	969	971	rBV	769731	1053745	3.51%	0.344%
71	13.888	1047	1050	1051	rBV2	998931	1455050	4.85%	0.475%

LSC Area Percent Report

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ClientSampleId : HY-SB412A

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.905	1137	1139	1144	rVB	592670	1262020	4.20%	0.412%
73	16.254	1255	1257	1266	rVB	471496	1068011	3.56%	0.348%

Sum of corrected areas: 306535464

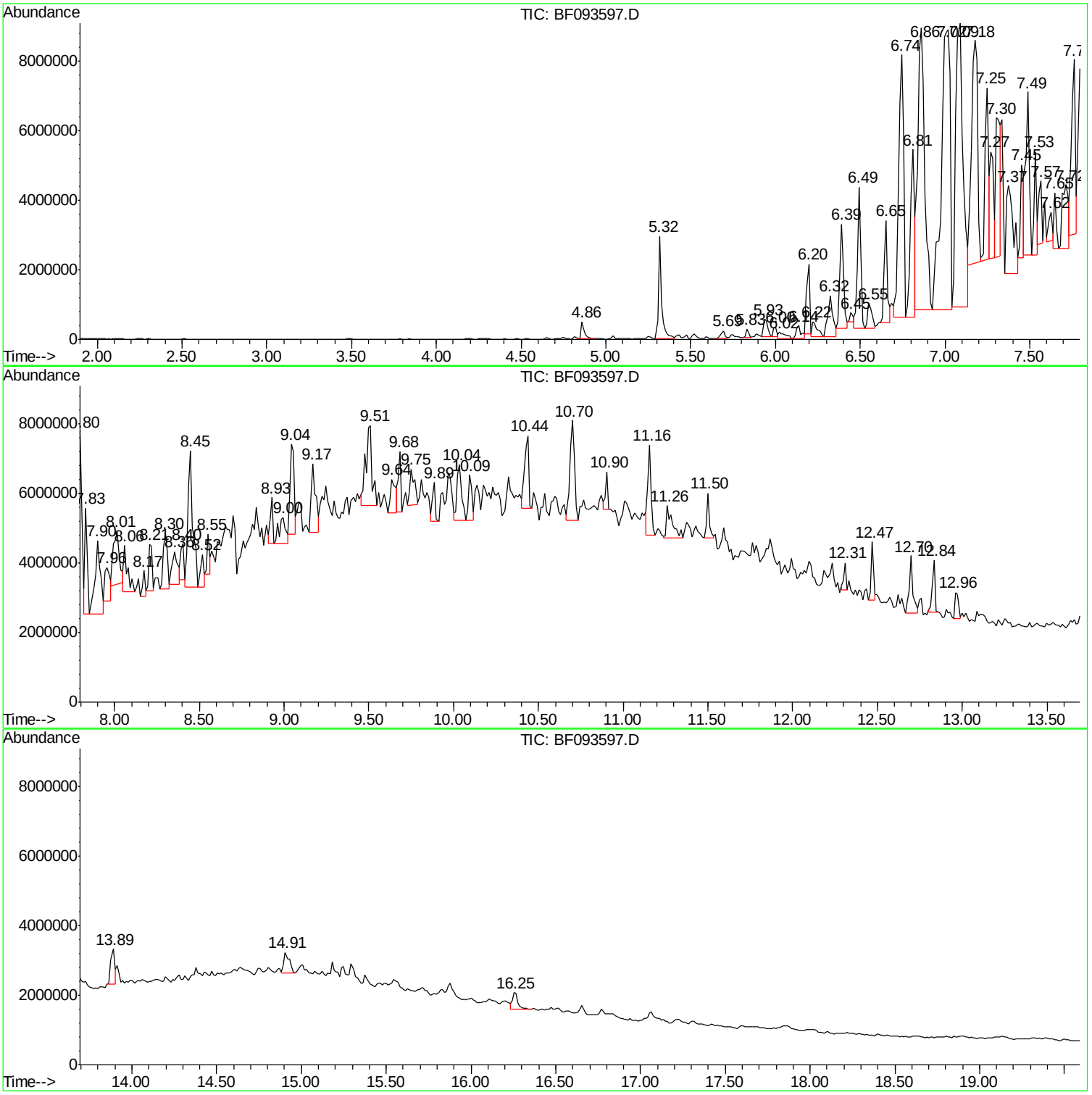
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
Data File : BF093597.D
Acq On : 12 Mar 2017 8:05
Operator : SJ/MA
Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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\BF031117\
Data File : BF093597.D
Acq On : 12 Mar 2017 8:05
Operator : SJ/MA
Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

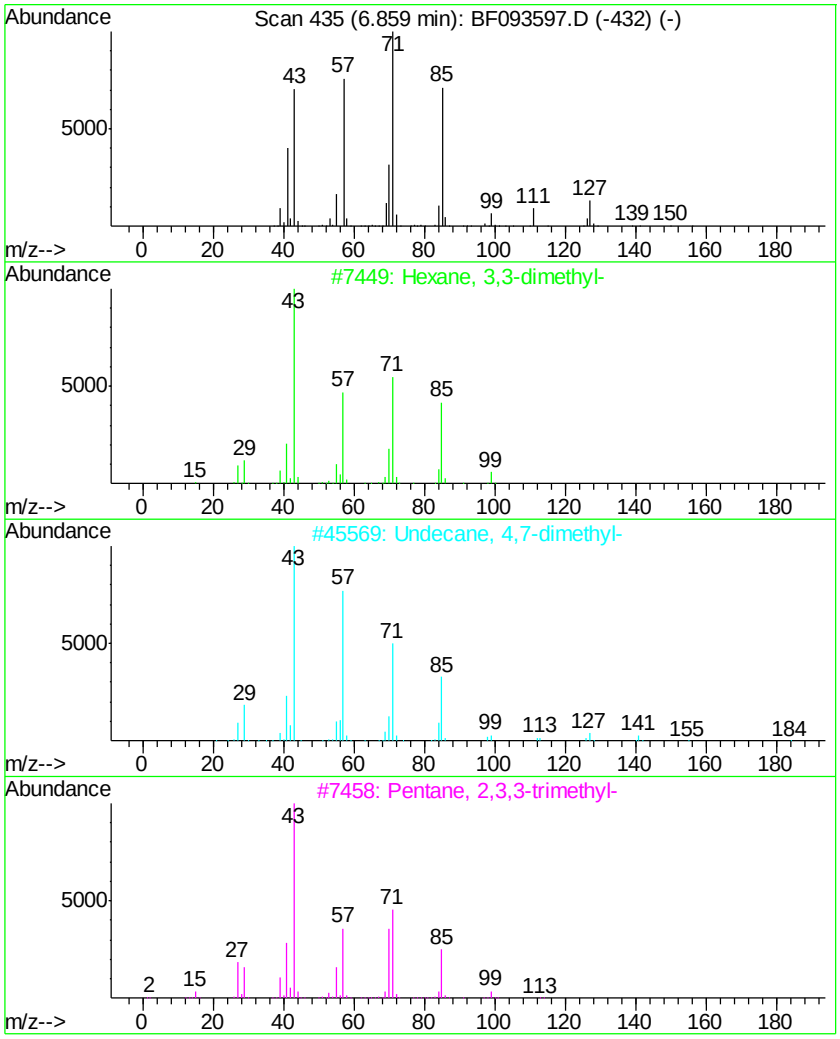
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

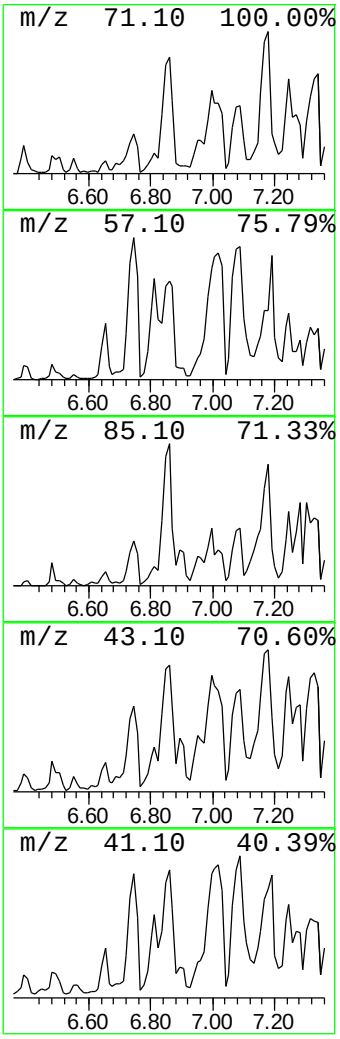
****

Peak Number 1 Hexane, 3,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	28.97 ng	22705300	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	78
2	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
Data File : BF093597.D
Acq On : 12 Mar 2017 8:05
Operator : SJ/MA
Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

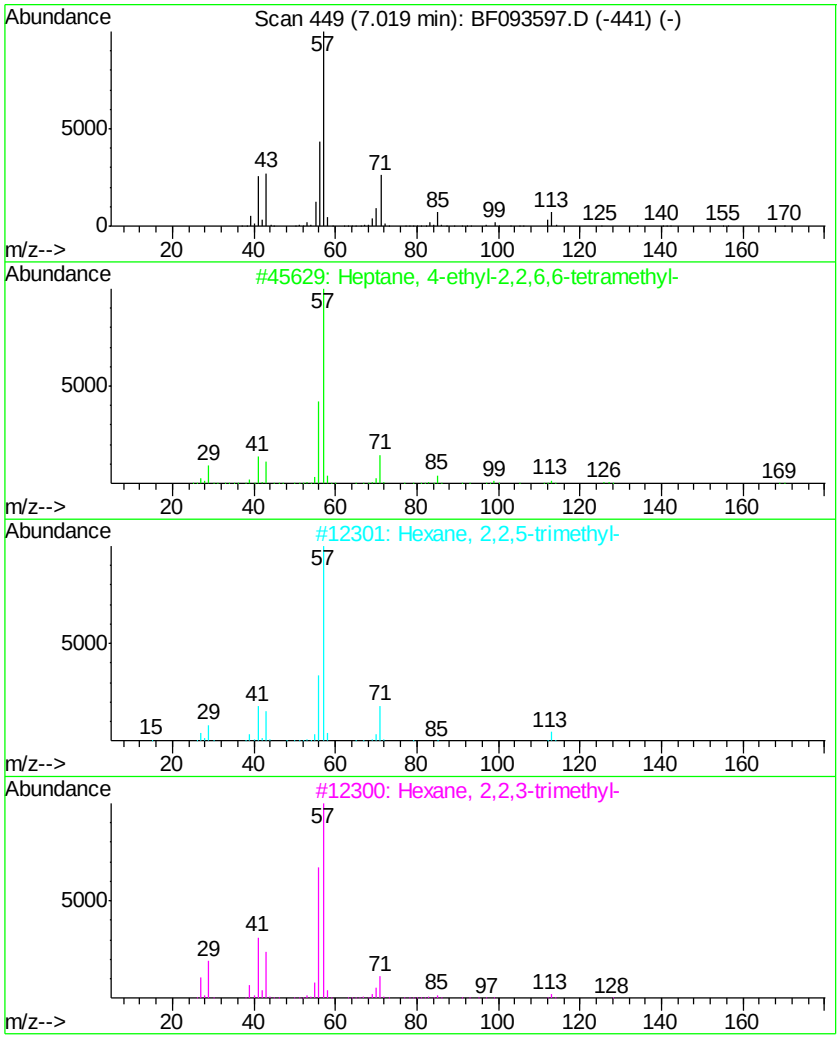
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

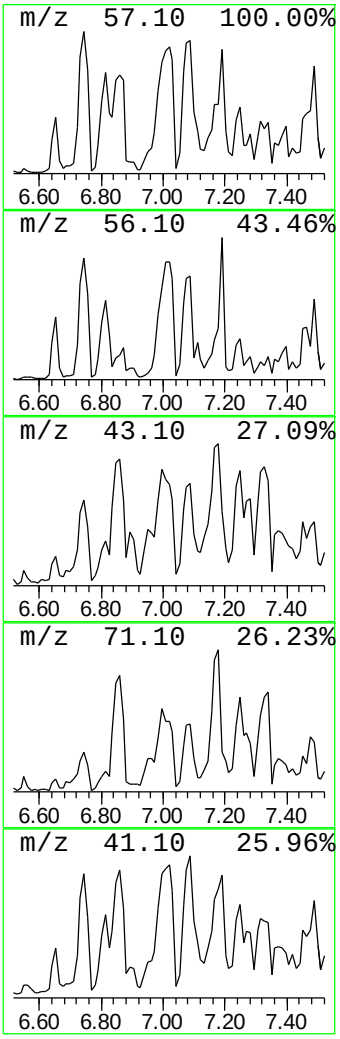
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	38.29 ng	30013400	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	72
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
Data File : BF093597.D
Acq On : 12 Mar 2017 8:05
Operator : SJ/MA
Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

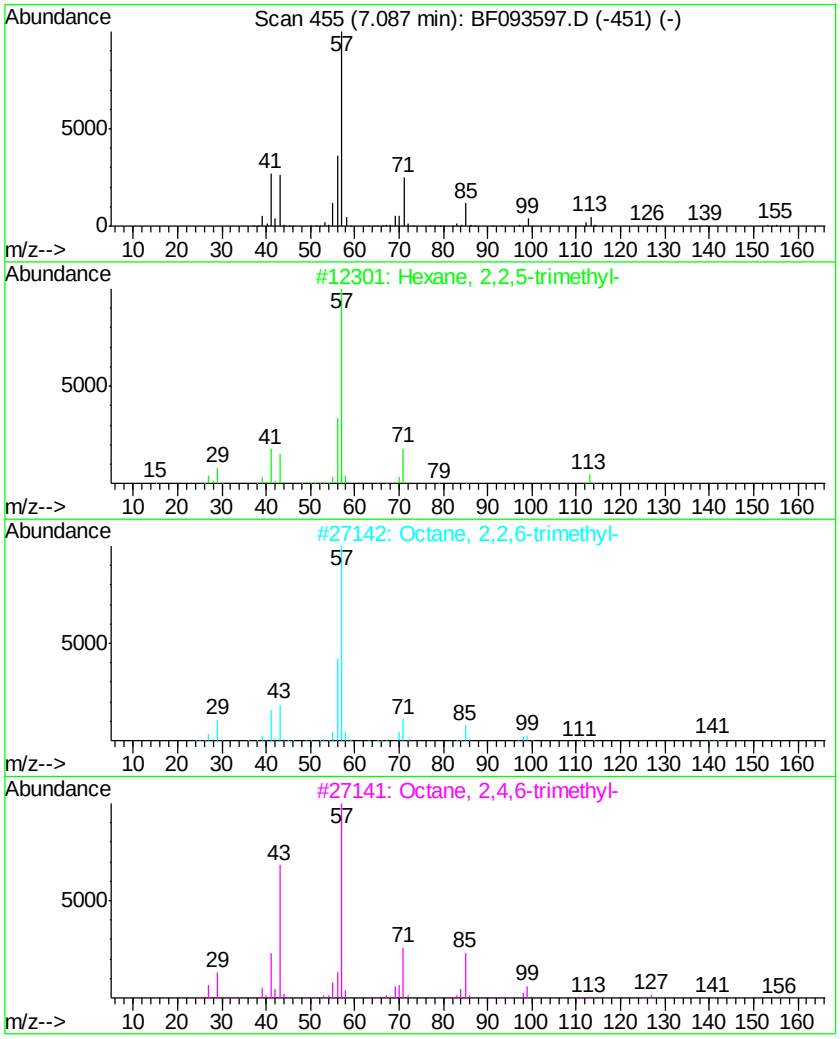
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

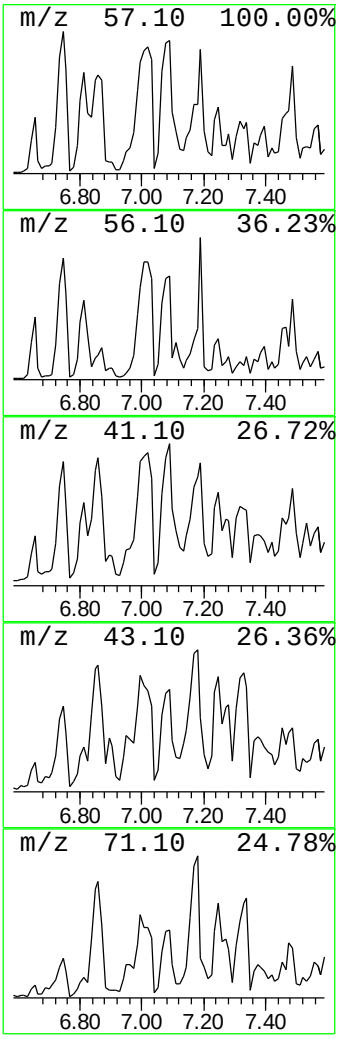
****

Peak Number 3 Hexane, 2,2,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	30.16 ng	23641300	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	59





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Sample : I2010-07
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Instrument : BNA_F
ClientSampleId : HY-SB412A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

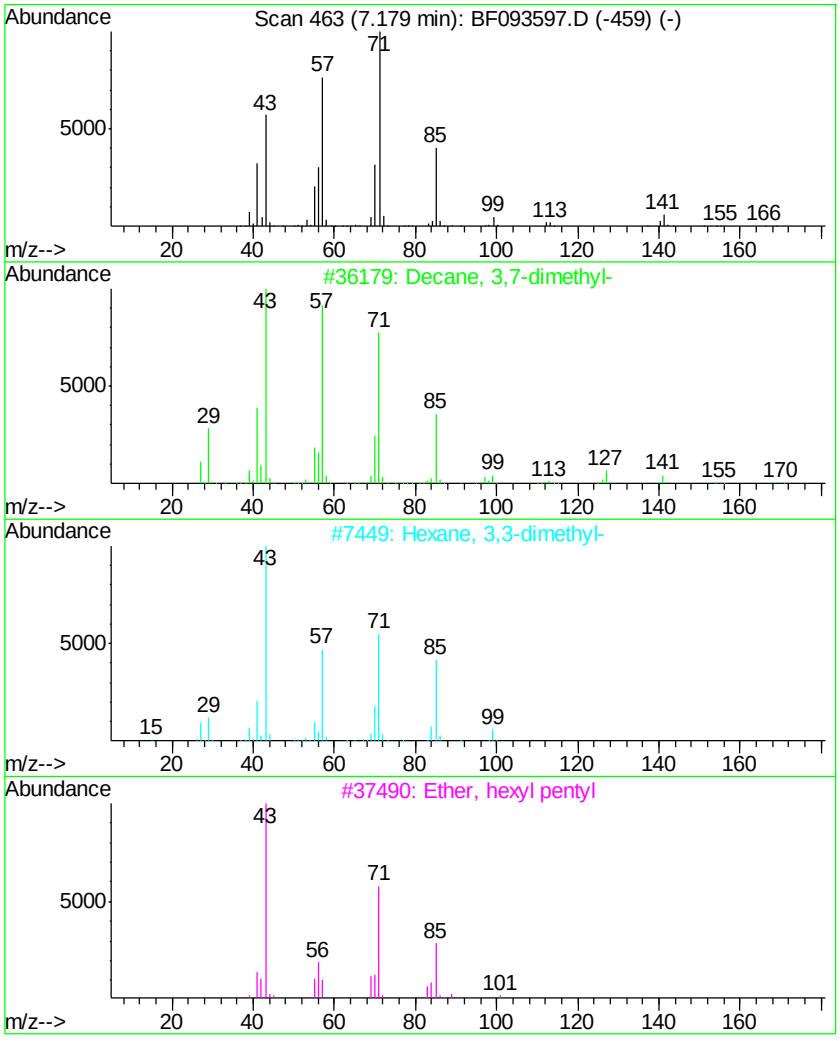
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

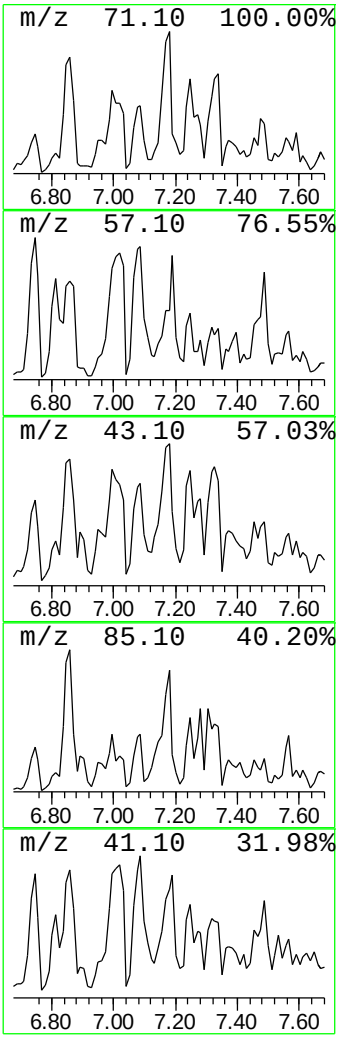
****

Peak Number 4 Decane, 3,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	21.24 ng	16650100	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	78
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
3	Ether, hexyl pentyl	172	C11H24O	032357-83-8	72
4	Decane, 5-propyl-	184	C13H28	017312-62-8	64
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59





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Acq On : 12 Mar 2017 8:05
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Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

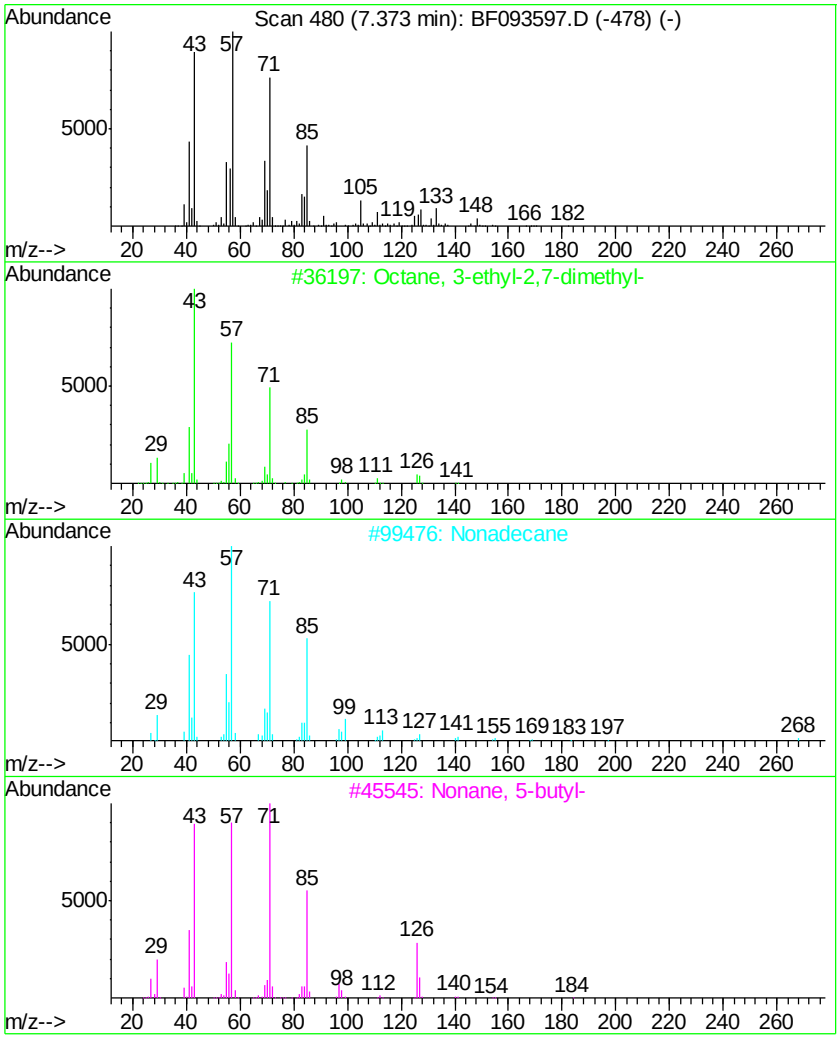
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

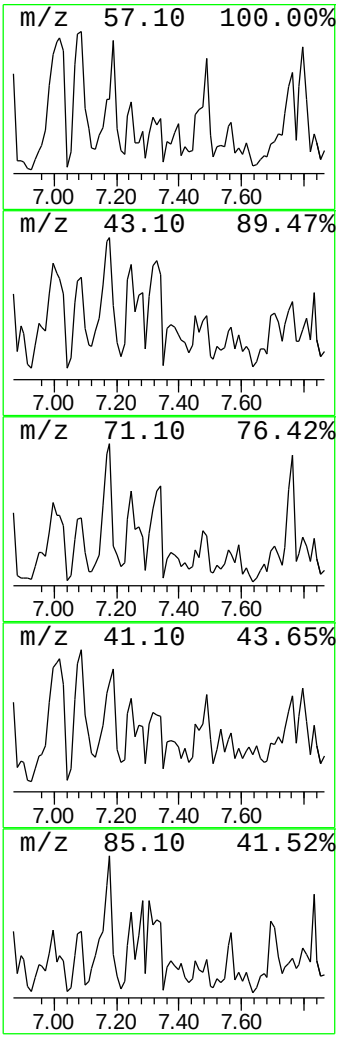
****

Peak Number 5 Octane, 3-ethyl-2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	39.76 ng	7725960	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
2	Nonadecane	268	C19H40	000629-92-5	72
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
4	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64





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Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

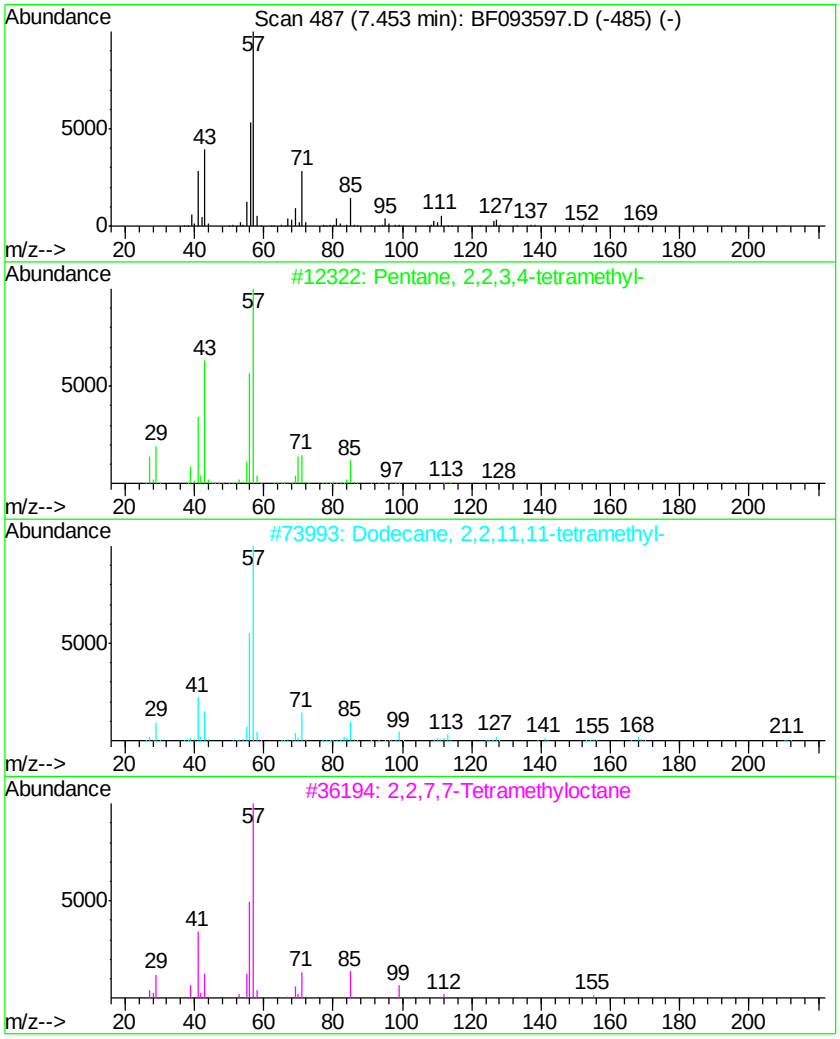
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

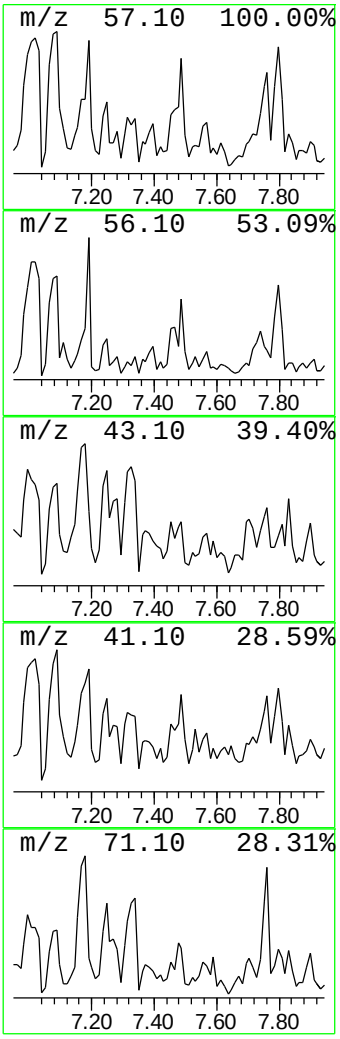
****

Peak Number 6 Pentane, 2,2,3,4-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	19.03 ng	3698030	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
2	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	59
3	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	59
4	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
5	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
Data File : BF093597.D
Acq On : 12 Mar 2017 8:05
Operator : SJ/MA
Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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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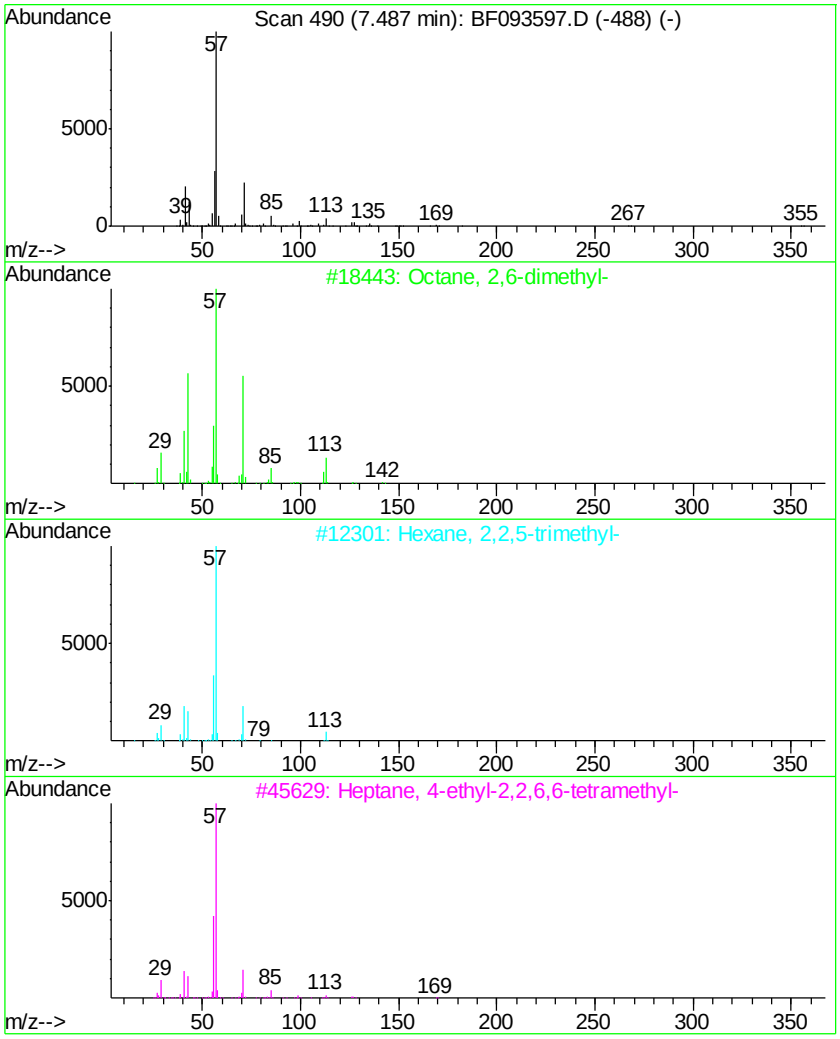
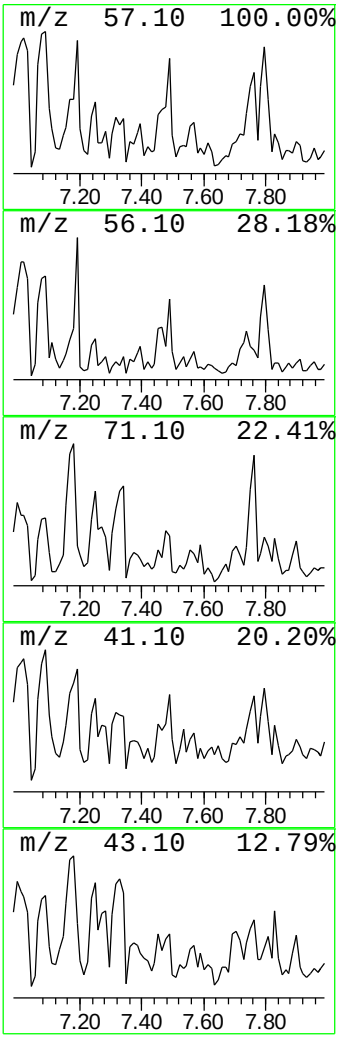
Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	32.97 ng	6405930	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
3	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	59
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	42
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
Data File : BF093597.D
Acq On : 12 Mar 2017 8:05
Operator : SJ/MA
Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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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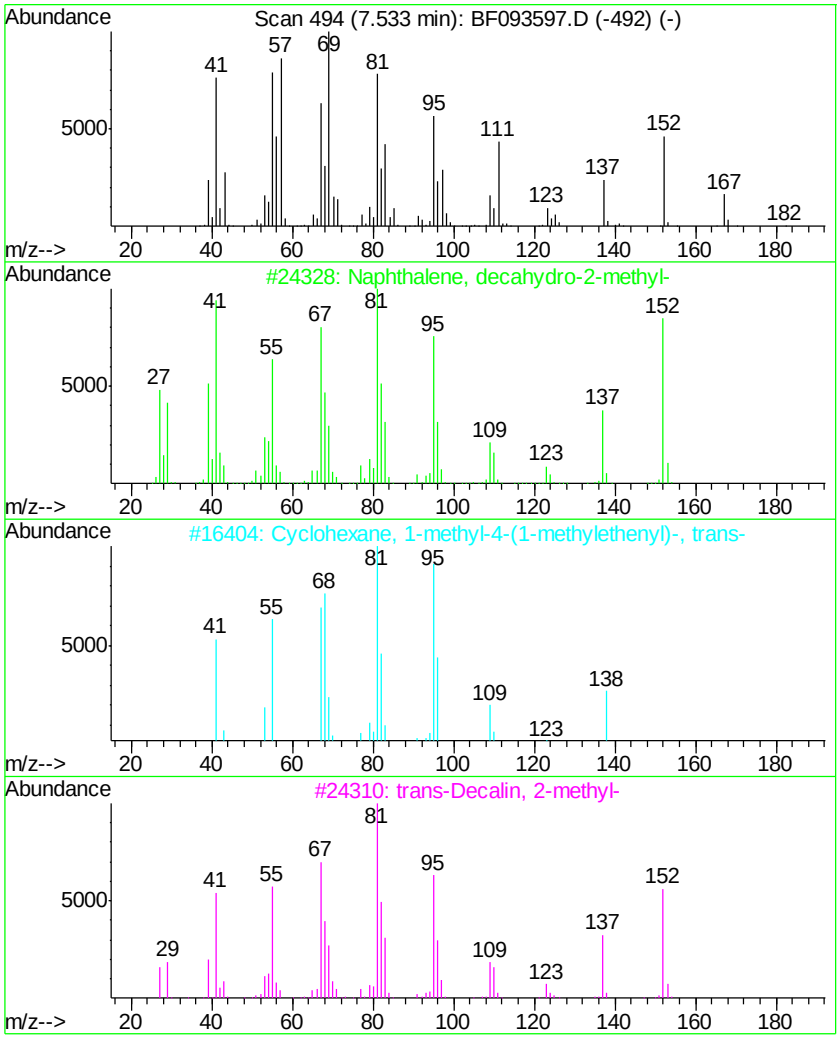
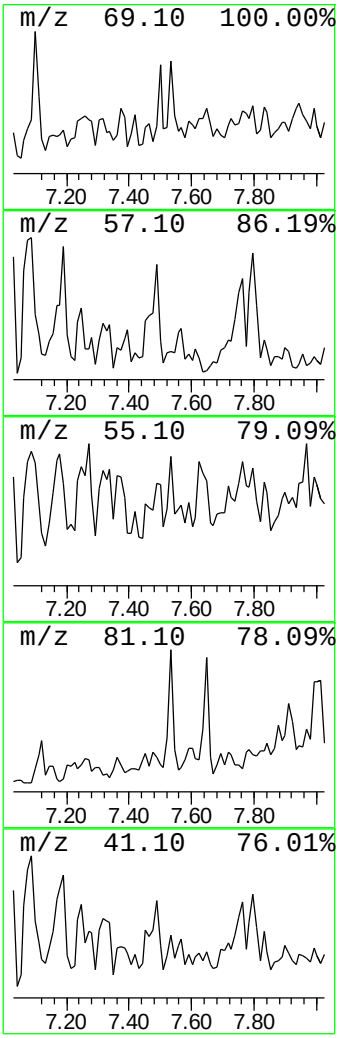
Peak Number 8 Naphthalene, decahydro-2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	17.16 ng	3334020	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	60
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	55
4	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	43
5	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	42





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Acq On : 12 Mar 2017 8:05
Operator : SJ/MA
Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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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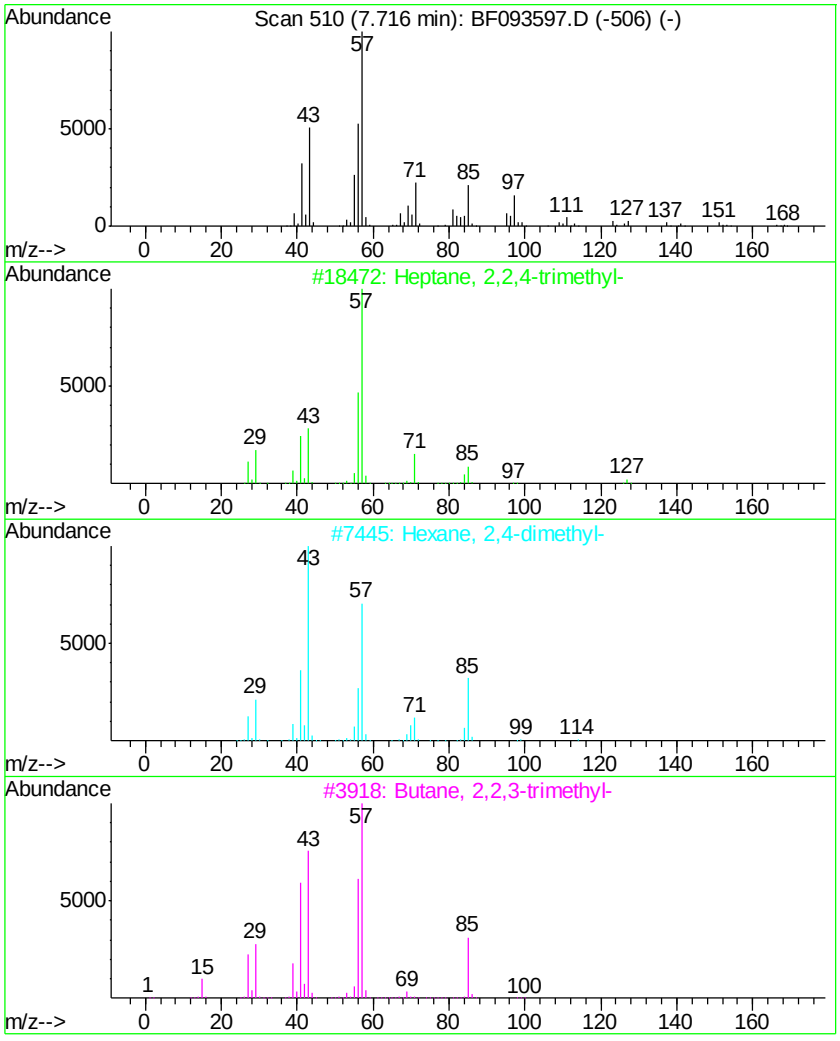
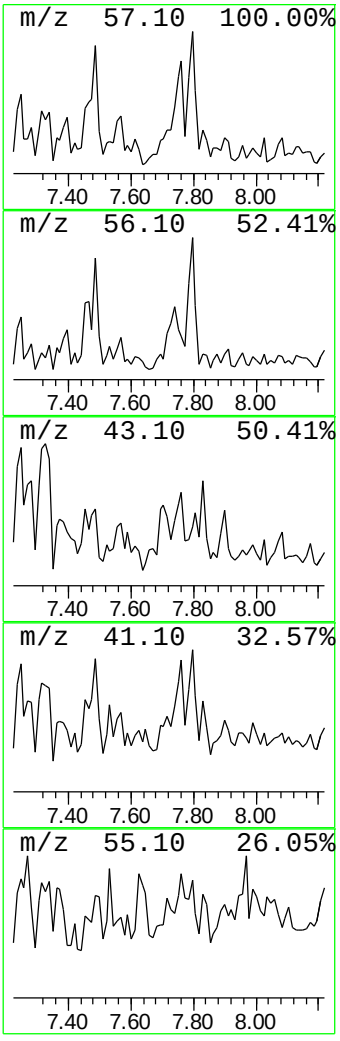
Peak Number 9 Heptane, 2,2,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	22.58 ng	4387180	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	50
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	43
4	2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	43
5	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	38





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Acq On : 12 Mar 2017 8:05
Operator : SJ/MA
Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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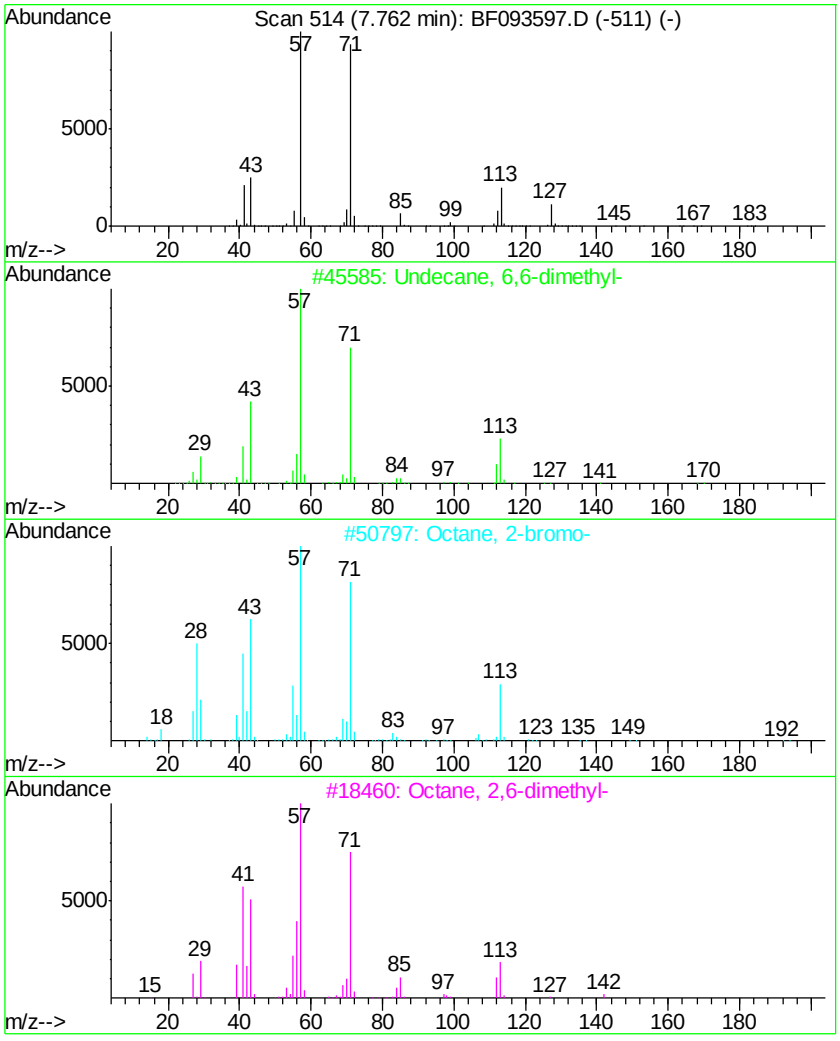
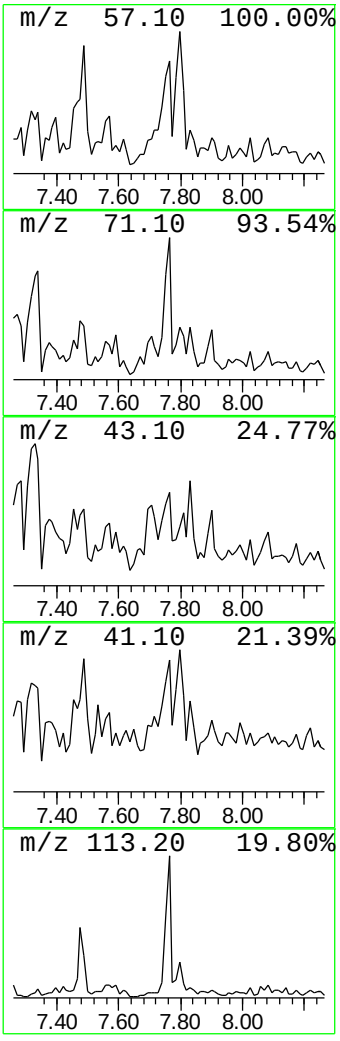
Peak Number 10 Undecane, 6,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	42.43 ng	8246050	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	78
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	3-Bromooctane	192	C8H17Br	000999-64-4	64
5	Octane, 2-iodo-	240	C8H17I	000557-36-8	64





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Acq On : 12 Mar 2017 8:05
Operator : SJ/MA
Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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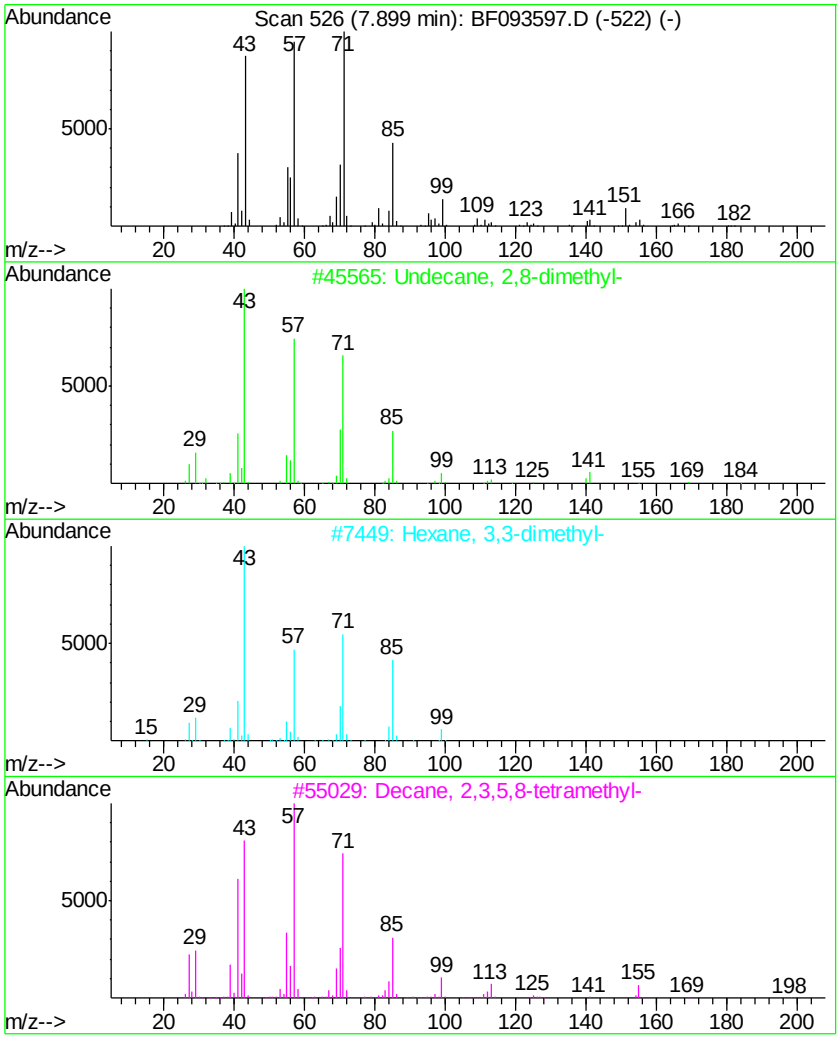
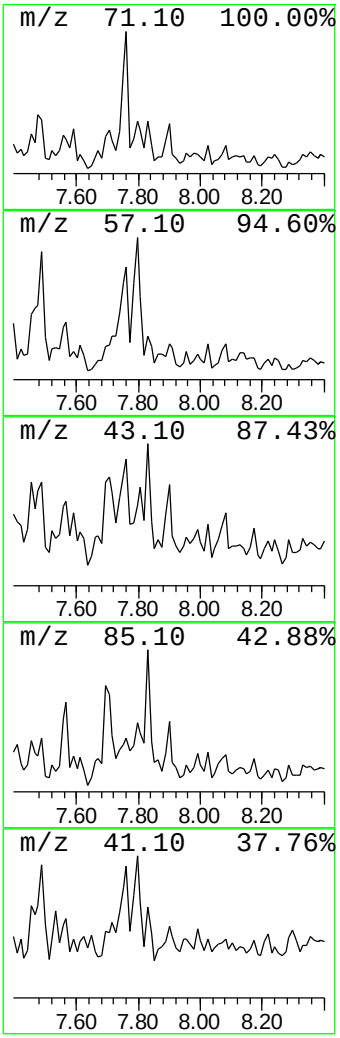
Peak Number 12 Undecane, 2,8-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	25.48 ng	4951730	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	72
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	64
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
Data File : BF093597.D
Acq On : 12 Mar 2017 8:05
Operator : SJ/MA
Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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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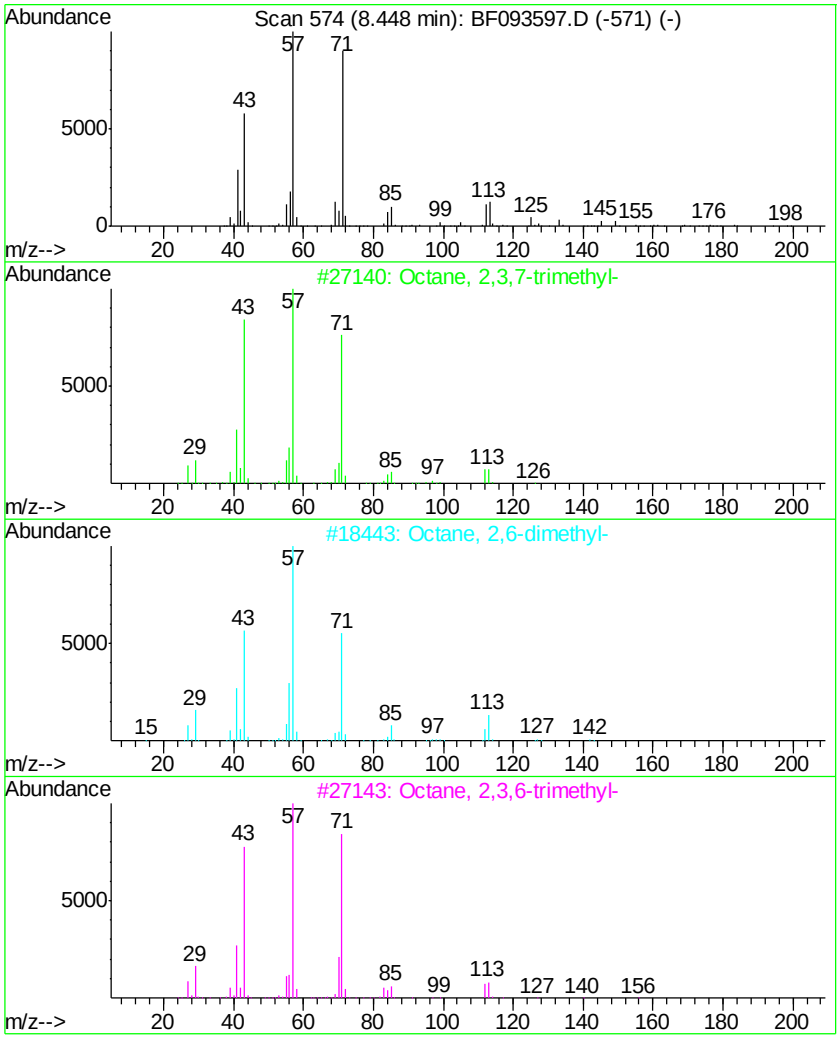
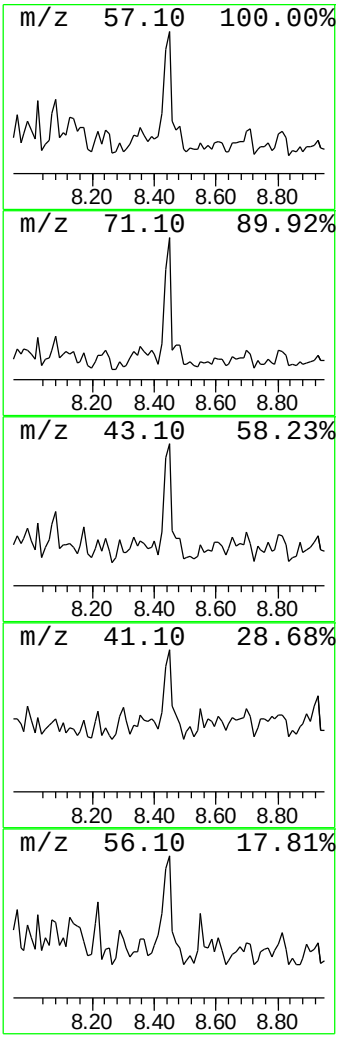
Peak Number 13 Octane, 2,3,7-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	42.46 ng	8251030	Naphthalene-d8	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
3	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	72
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	72





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Data File : BF093597.D
Acq On : 12 Mar 2017 8:05
Operator : SJ/MA
Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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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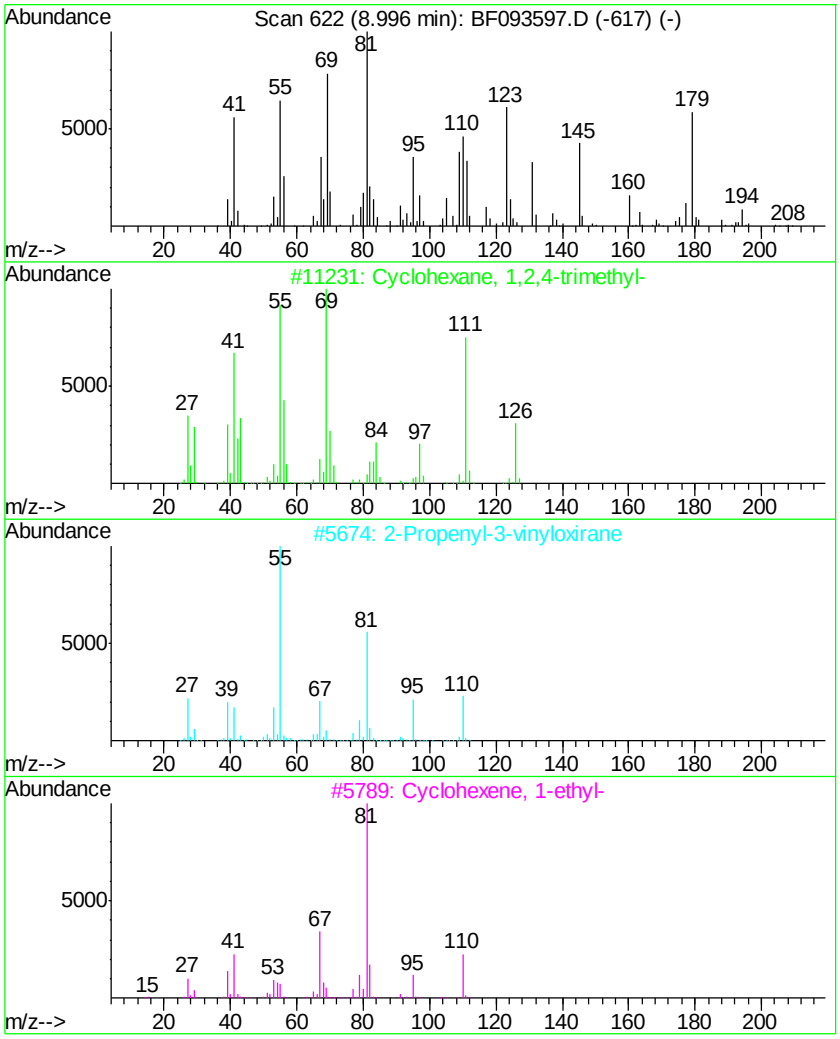
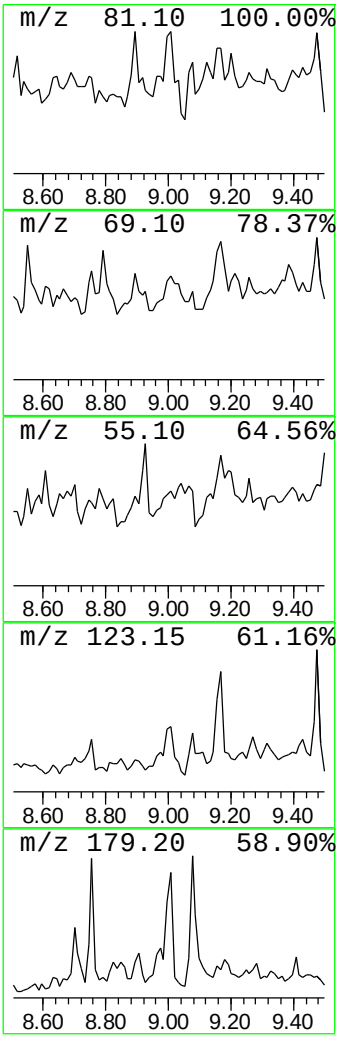
Peak Number 14 unknown9.00 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	20.62 ng	2003790	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	25
2	2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	22
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	18
4	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	18
5	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	14





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Acq On : 12 Mar 2017 8:05
Operator : SJ/MA
Sample : I2010-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB412A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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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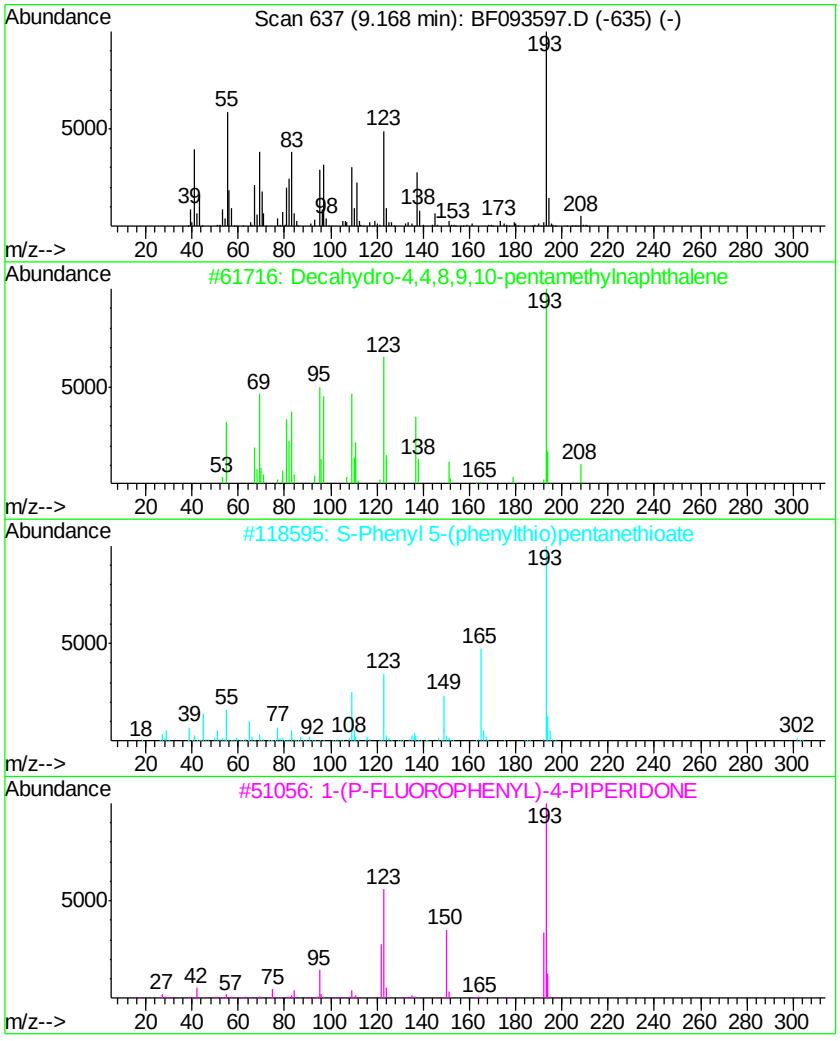
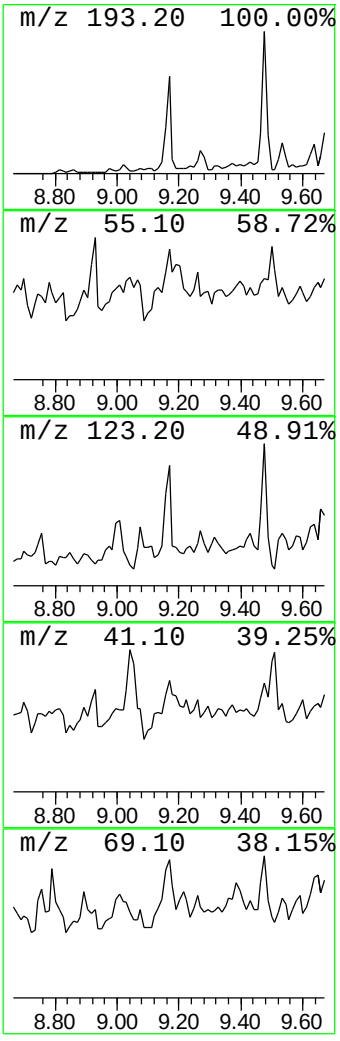
Peak Number 15 Decahydro-4,4,8,9,10-pentam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	39.15 ng	3804570	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	53
2	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	43
3	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	43
4	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
5	6-Methylphenanthridine	193	C14H11N	003955-65-5	25





Tentatively Identified Compound (LSC) summary

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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
Hexane, 3,3-dimet...	6.86	29.0	ng	22705300	1	6.72	15676300	20.0
Heptane, 4-ethyl-...	7.02	38.3	ng	30013400	1	6.72	15676300	20.0
Hexane, 2,2,5-tri...	7.09	30.2	ng	23641300	1	6.72	15676300	20.0
Decane, 3,7-dimet...	7.18	21.2	ng	16650100	1	6.72	15676300	20.0
Octane, 3-ethyl-2...	7.37	39.8	ng	7725960	2	8.01	3886480	20.0
Pentane, 2,2,3,4-...	7.45	19.0	ng	3698030	2	8.01	3886480	20.0
Octane, 2,6-dimet...	7.49	33.0	ng	6405930	2	8.01	3886480	20.0
Naphthalene, deca...	7.53	17.2	ng	3334020	2	8.01	3886480	20.0
Heptane, 2,2,4-tr...	7.72	22.6	ng	4387180	2	8.01	3886480	20.0
Undecane, 6,6-dim...	7.76	42.4	ng	8246050	2	8.01	3886480	20.0
Undecane, 2,8-dim...	7.90	25.5	ng	4951730	2	8.01	3886480	20.0
Octane, 2,3,7-tri...	8.45	42.5	ng	8251030	2	8.01	3886480	20.0
unknown9.00	9.00	20.6	ng	2003790	3	9.77	1943450	20.0
Decahydro-4,4,8,9...	9.17	39.1	ng	3804570	3	9.77	1943450	20.0