LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093357.D
Acq On : 3 Mar 2017 12:28
Operator : SJ/MA
Sample : I2057-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 23B-22

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-BF013017.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	4.293	189	193	199	rBV2	130490	220715	2.91%	0.124%
2	4.407	199	203	206	rVB	50012	76324	1.01%	0.043%
3	4.750	228	233	235	rBV	201959	268623	3.54%	0.150%
4	4.841	238	241	245	rVB3	184195	369079	4.86%	0.207%
5	4.933	245	249	255	rBV2	923091	2023312	26.65%	1.133%
6	5.059	255	260	263	rVB2	112096	242691	3.20%	0.136%
7	5.139	264	267	268	rBV	385688	576203	7.59%	0.323%
8	5.161	268	269	273	rVB3	57006	86876	1.14%	0.049%
9	5.230	273	275	277	rBV	155024	147293	1.94%	0.082%
10	5.333	279	284	287	rVB2	272047	441553	5.81%	0.247%
11	5.390	287	289	291	rBV	2482778	3165578	41.69%	1.772%
12	5.424	291	292	296	rVB2	306487	357596	4.71%	0.200%
13	5.516	298	300	303	rBV	573146	838882	11.05%	0.470%
14	5.562	303	304	306	rVB	412629	301344	3.97%	0.169%
15	5.607	306	308	312	rVB2	410482	685863	9.03%	0.384%
16	5.676	312	314	316	rBV	280455	293646	3.87%	0.164%
17	5.779	319	323	325	rBV2	896202	1447879	19.07%	0.811%
18	5.836	325	328	330	rBV2	459240	909511	11.98%	0.509%
19	5.916	333	335	338	rVB2	1429647	1739032	22.90%	0.974%
20	5.973	338	340	342	rBV2	540765	1006646	13.26%	0.564%
21	6.019	342	344	348	rVB2	2456510	3397894	44.75%	1.902%
22	6.076	348	349	351	rBV	1482221	1592302	20.97%	0.891%
23	6.110	351	352	358	rVB3	632916	1787621	23.54%	1.001%
24	6.213	358	361	363	rBV2	1198579	1796269	23.66%	1.006%
25	6.259	363	365	366	rBV2	320577	434294	5.72%	0.243%
26	6.304	366	369	374	rVB2	1725377	4369144	57.54%	2.446%
27	6.396	374	377	379	rBV3	544604	1167260	15.37%	0.654%
28	6.453	379	382	384	rBV2	3499868	4391689	57.83%	2.459%
29	6.533	386	389	391	rBV2	1252953	3025919	39.85%	1.694%
30	6.567	391	392	395	rVB	3054914	3988328	52.52%	2.233%
31	6.647	395	399	400	rBV3	1027267	1498798	19.74%	0.839%
32	6.762	400	409	410	rBV4	1088272	3512166	46.25%	1.966%
33	6.819	410	414	415	rVB2	3927677	6290959	82.85%	3.522%
34	6.853	415	417	419	rBV	1210252	1626494	21.42%	0.911%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : 23B-22

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.887	419	420	421	rBV	620278	765422	10.08%	0.429%
36	6.922	421	423	424	rVB	346971	348671	4.59%	0.195%
37	6.956	424	426	430	rVB3	3221791	5653653	74.45%	3.165%
38	7.070	430	436	438	rBV3	2119078	4940930	65.07%	2.766%
39	7.116	438	440	442	rBV3	421868	673837	8.87%	0.377%
40	7.150	442	443	445	rBV2	521556	449160	5.92%	0.251%
41	7.196	445	447	448	rBV	1862953	2111683	27.81%	1.182%
42	7.219	448	449	453	rVB3	869397	1513975	19.94%	0.848%
43	7.276	453	454	456	rBV2	473680	867631	11.43%	0.486%
44	7.345	456	460	461	rBV2	2943825	5194768	68.41%	2.908%
45	7.379	461	463	467	rVB4	2343941	4804075	63.27%	2.690%
46	7.447	467	469	471	rBV3	2577655	4137735	54.49%	2.317%
47	7.527	471	476	477	rBV2	2229037	5055541	66.58%	2.830%
48	7.596	477	482	483	rBV3	2005823	4498019	59.23%	2.518%
49	7.653	485	487	489	rBV3	647875	1001111	13.18%	0.560%
50	7.733	489	494	496	rBV5	2630788	6187361	81.48%	3.464%
51	7.779	496	498	499	rVB2	1282991	1148320	15.12%	0.643%
52	7.836	502	503	504	rBV	1382208	1553710	20.46%	0.870%
53	7.916	508	510	512	rBV3	1807865	2519339	33.18%	1.410%
54	7.985	512	516	519	rBV3	1760605	4875342	64.20%	2.730%
55	8.053	519	522	523	rBV2	1484122	3193008	42.05%	1.788%
56	8.087	523	525	527	rVV3	2064629	3878701	51.08%	2.172%
57	8.168	531	532	536	rVV2	3090748	5497299	72.39%	3.078%
58	8.270	538	541	542	rBV2	1373857	2569713	33.84%	1.439%
59	8.305	542	544	546	rVV2	1934837	2764133	36.40%	1.548%
60	8.396	549	552	554	rVB3	2268625	3527246	46.45%	1.975%
61	8.545	562	565	569	rBV3	3395769	7593572	100.00%	4.251%
62	8.613	569	571	572	rBV	1217991	1265920	16.67%	0.709%
63	8.648	572	574	575	rBV2	1655789	2096103	27.60%	1.174%
64	8.808	586	588	589	rVB2	2278733	2919155	38.44%	1.634%
65	9.025	605	607	609	rVB3	1320999	1479028	19.48%	0.828%
66	9.150	615	618	619	rBV	2519322	4217787	55.54%	2.361%
67	9.276	626	629	632	rBV3	1814436	4847672	63.84%	2.714%
68	9.985	689	691	693	rVB	1175254	1449290	19.09%	0.811%
69	10.076	697	699	702	rVB4	1215499	1827600	24.07%	1.023%
70	10.133	702	704	708	rVB3	1649921	2803402	36.92%	1.570%
71	10.202	708	710	711	rBV	1384152	1904157	25.08%	1.066%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : 23B-22

Integration Parameters: rteint.p
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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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.442	727	731	736	rBV7	1042421	4582981	60.35%	2.566%
73	10.533	737	739	742	rVB	1816195	3190123	42.01%	1.786%
74	10.808	760	763	766	rBV2	2141411	4629472	60.97%	2.592%

Sum of corrected areas: 178614428

LSC Report - Integrated Chromatogram

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Data File : BF093357.D
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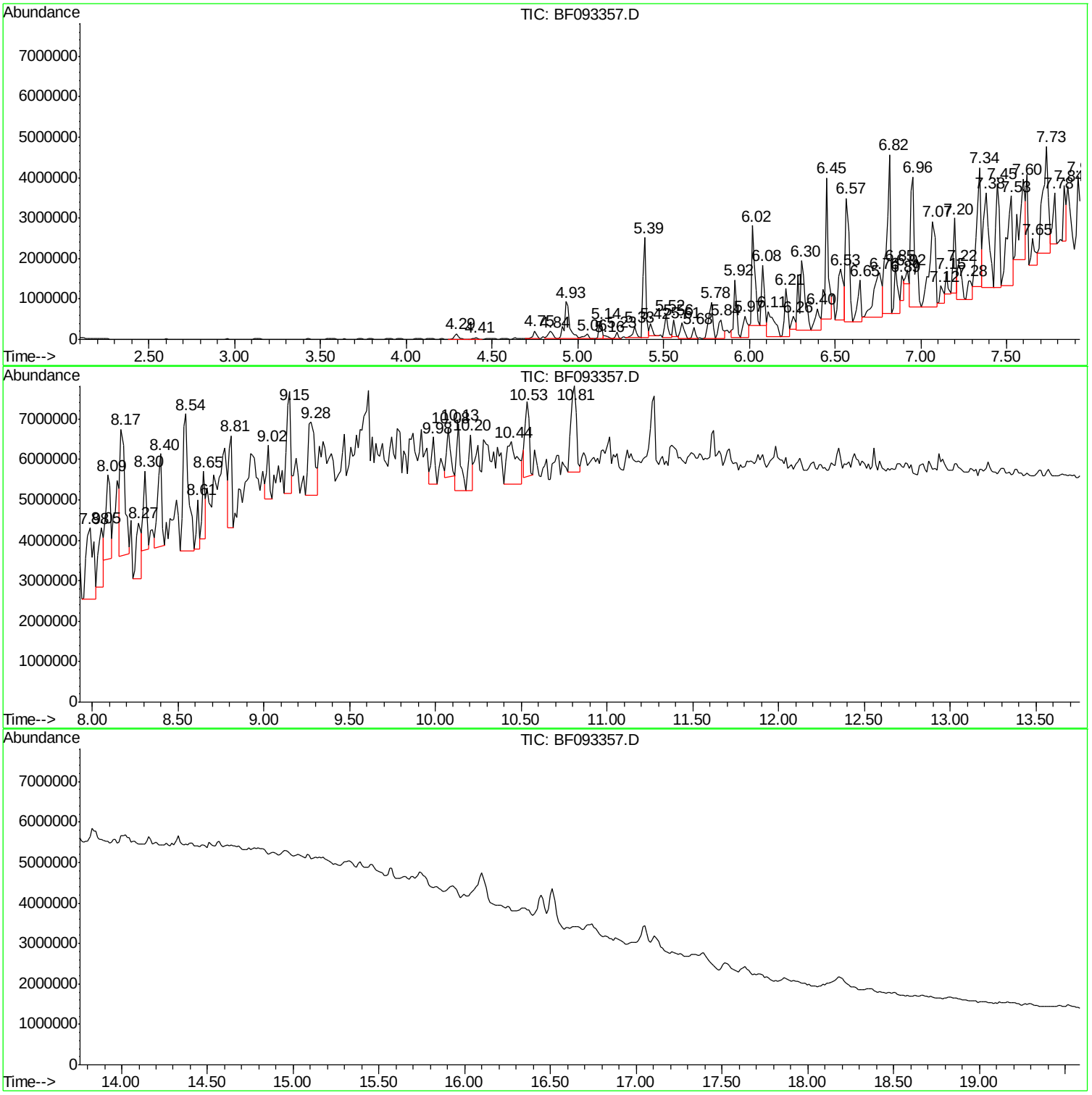
Sample : I2057-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 23B-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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\BF030217\
Data File : BF093357.D
Acq On : 3 Mar 2017 12:28
Operator : SJ/MA
Sample : I2057-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 23B-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

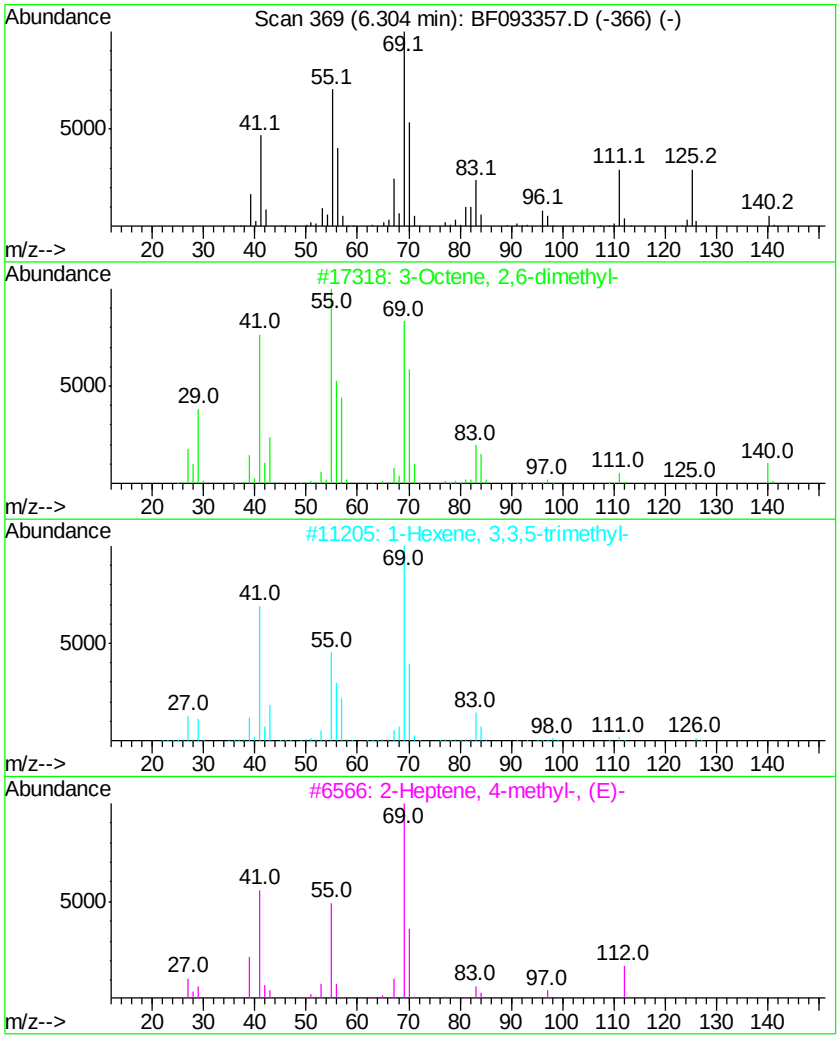
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

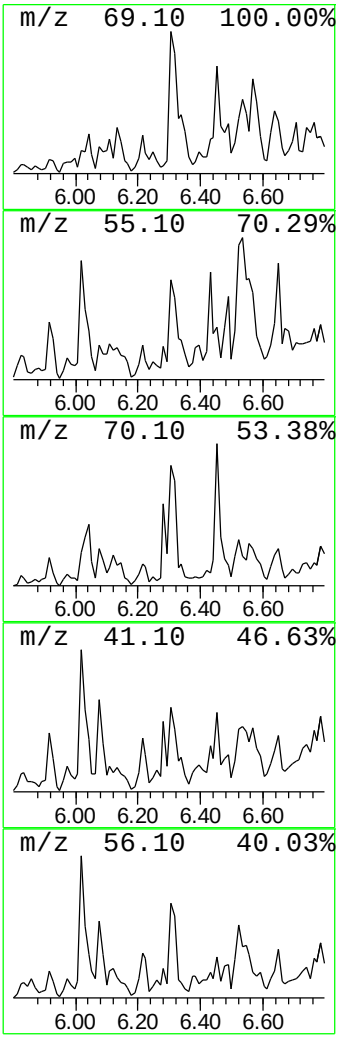
****

Peak Number 1 3-Octene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	13.89 ng	4369140	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	59
2	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	53
3	2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	43
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	43
5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093357.D
Acq On : 3 Mar 2017 12:28
Operator : SJ/MA
Sample : I2057-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 23B-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

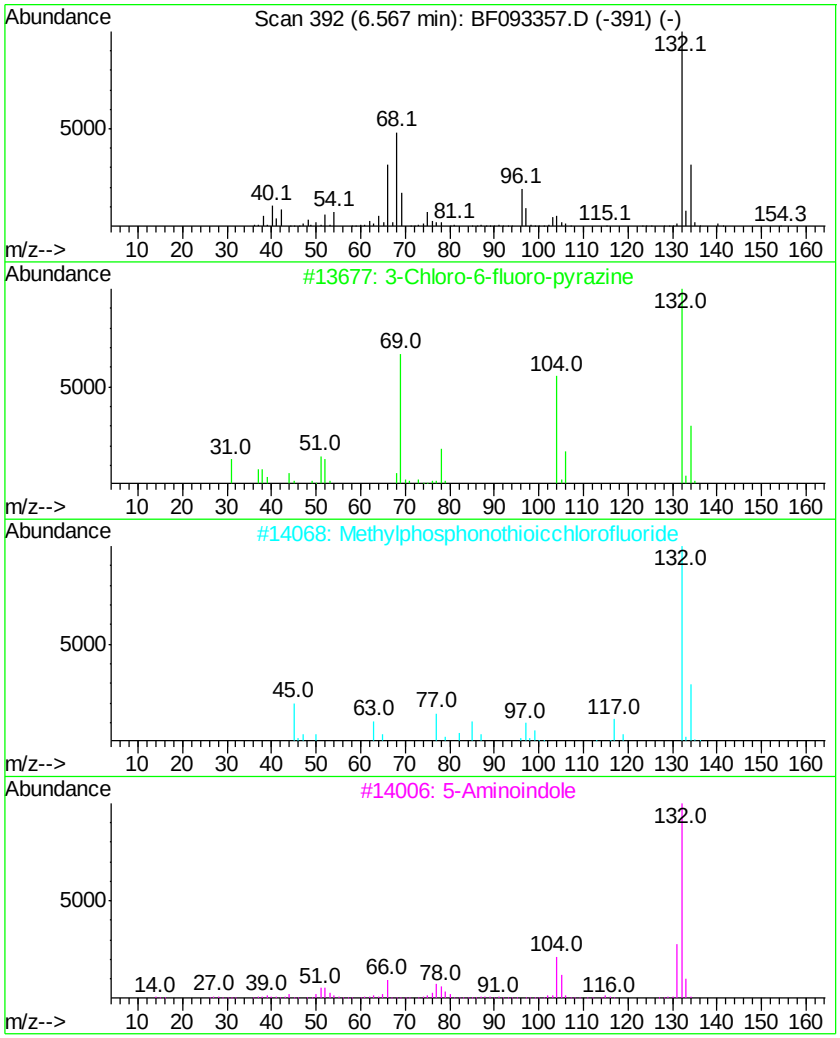
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

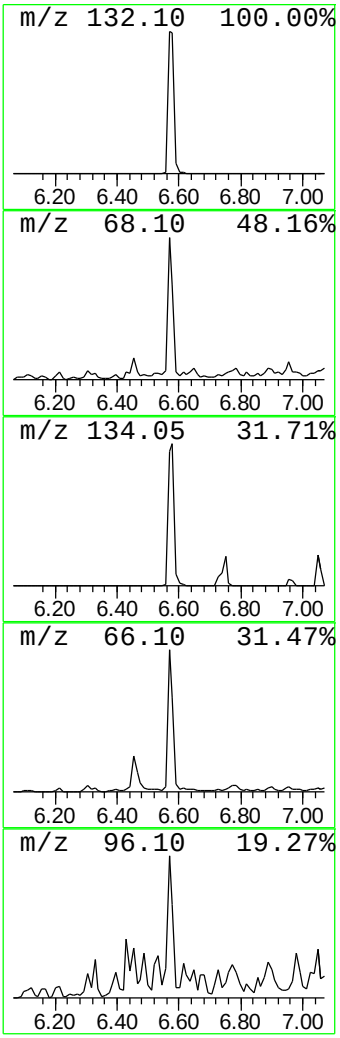
****

Peak Number 2 unknown6.57 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	12.68 ng	3988330	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093357.D
Acq On : 3 Mar 2017 12:28
Operator : SJ/MA
Sample : I2057-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 23B-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

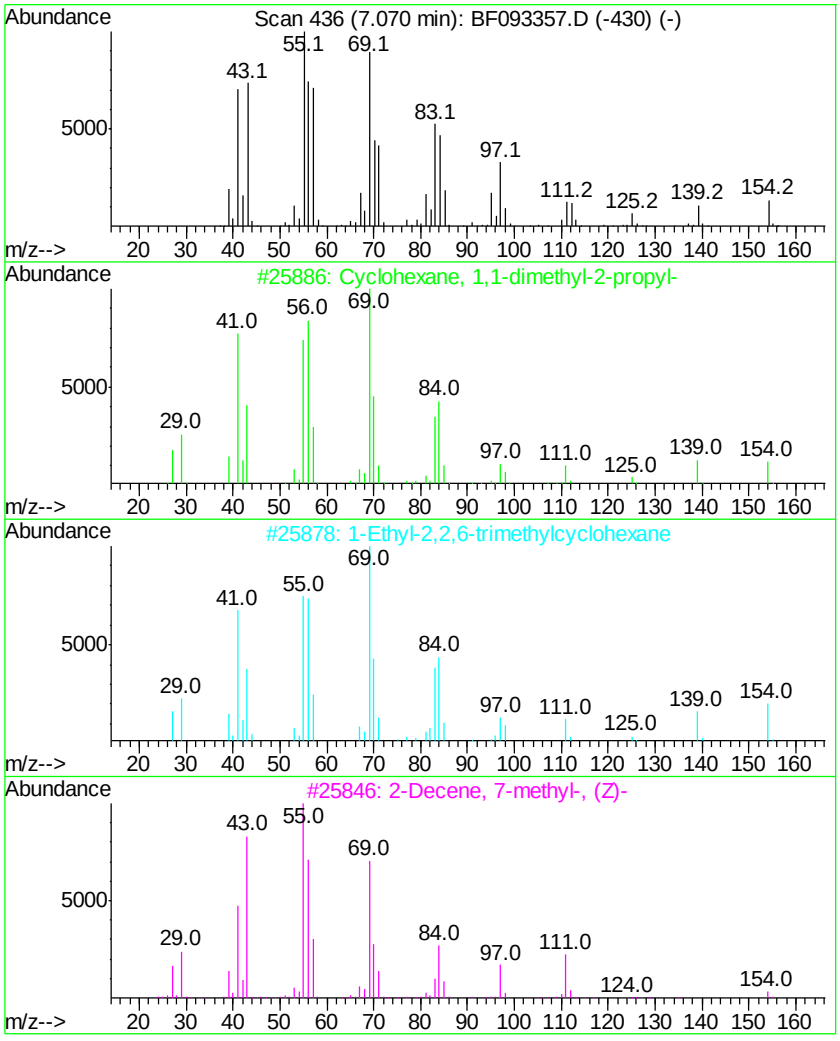
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

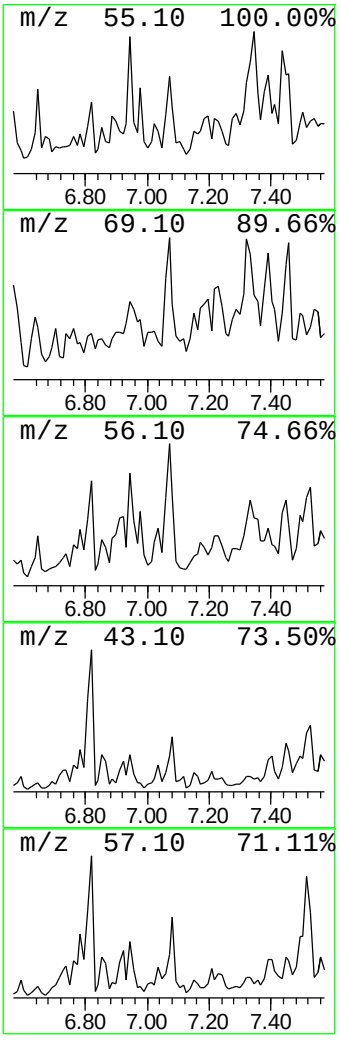
****

Peak Number 4 Cyclohexane, 1,1-dimethyl-2... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	15.71 ng	4940930	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	93
2	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	81
3	2-Decene, 7-methyl-, (Z)-	154	C11H22	074630-23-2	81
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	72
5	Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	70





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Sample : I2057-04
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Instrument : BNA_F
ClientSampleId : 23B-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

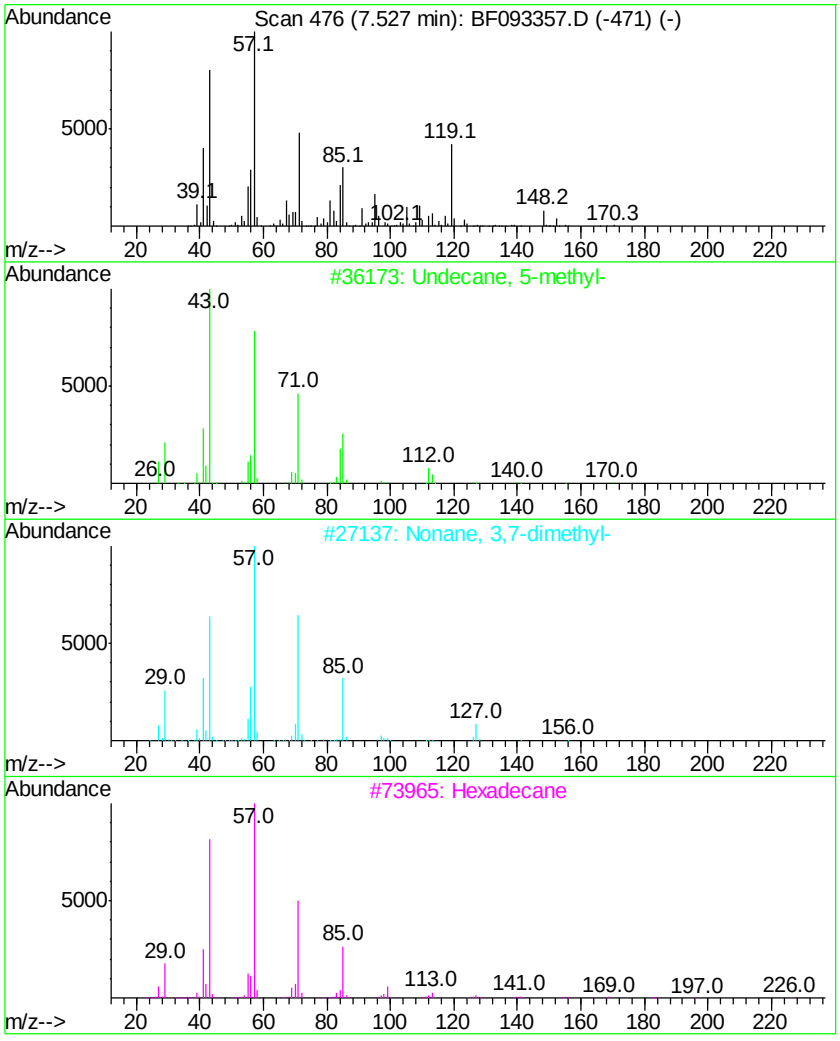
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

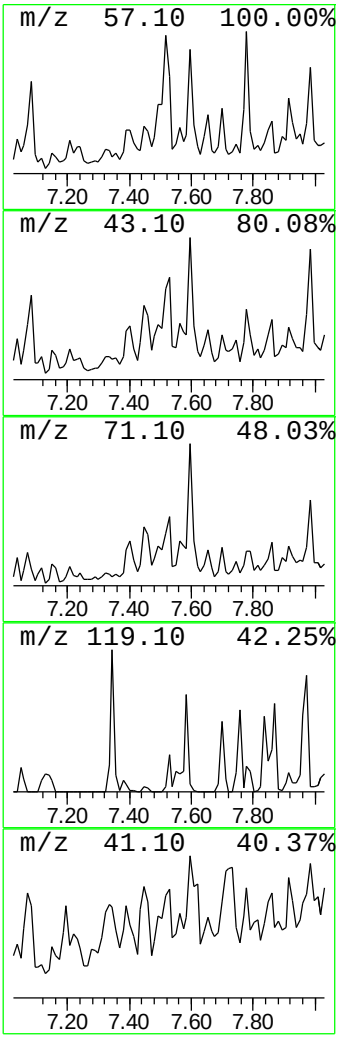
****

Peak Number 5 unknown7.53 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	26.07 ng	5055540	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	49
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	45
3	Hexadecane	226	C16H34	000544-76-3	43
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	43
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	38





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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

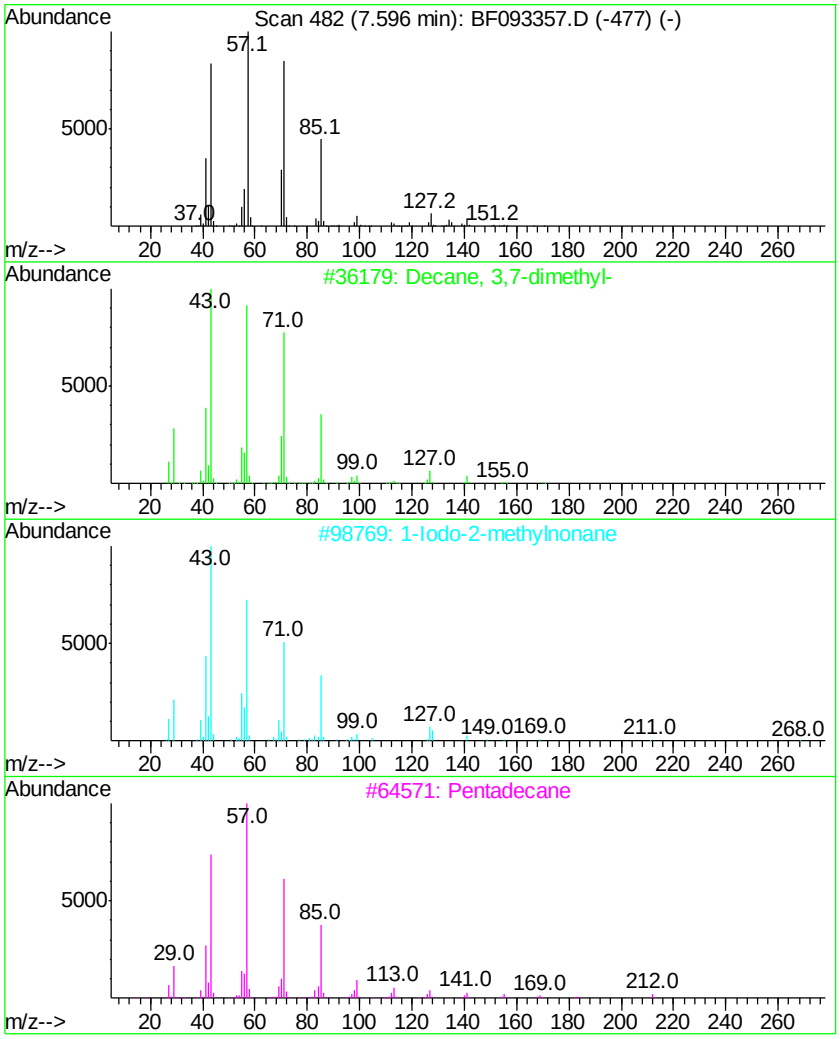
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

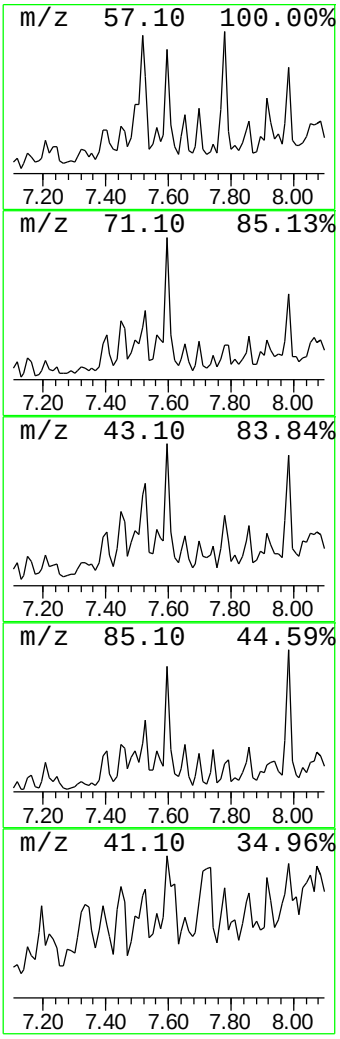
****

Peak Number 6 Decane, 3,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	23.19 ng	4498020	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	97
2	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	78
3	Pentadecane	212	C15H32	000629-62-9	78
4	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	72
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72





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Sample : I2057-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 23B-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

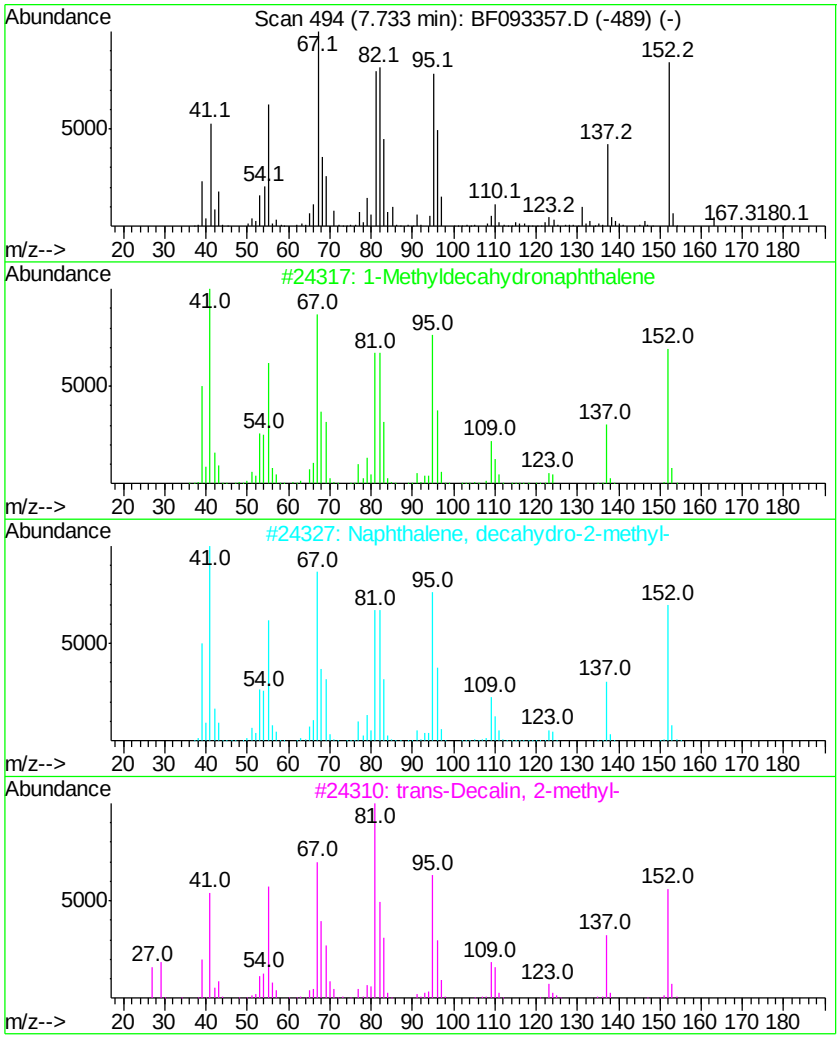
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

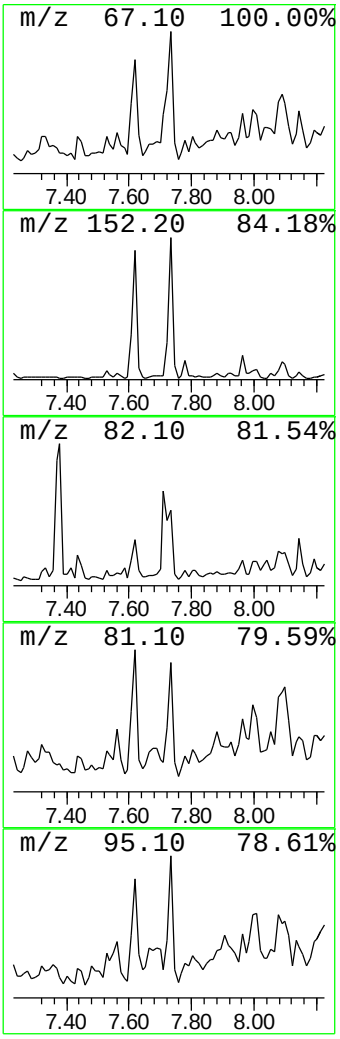
****

Peak Number 7 1-Methyldecahydronaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	31.90 ng	6187360	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	90
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
4	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	62
5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
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Sample : I2057-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 23B-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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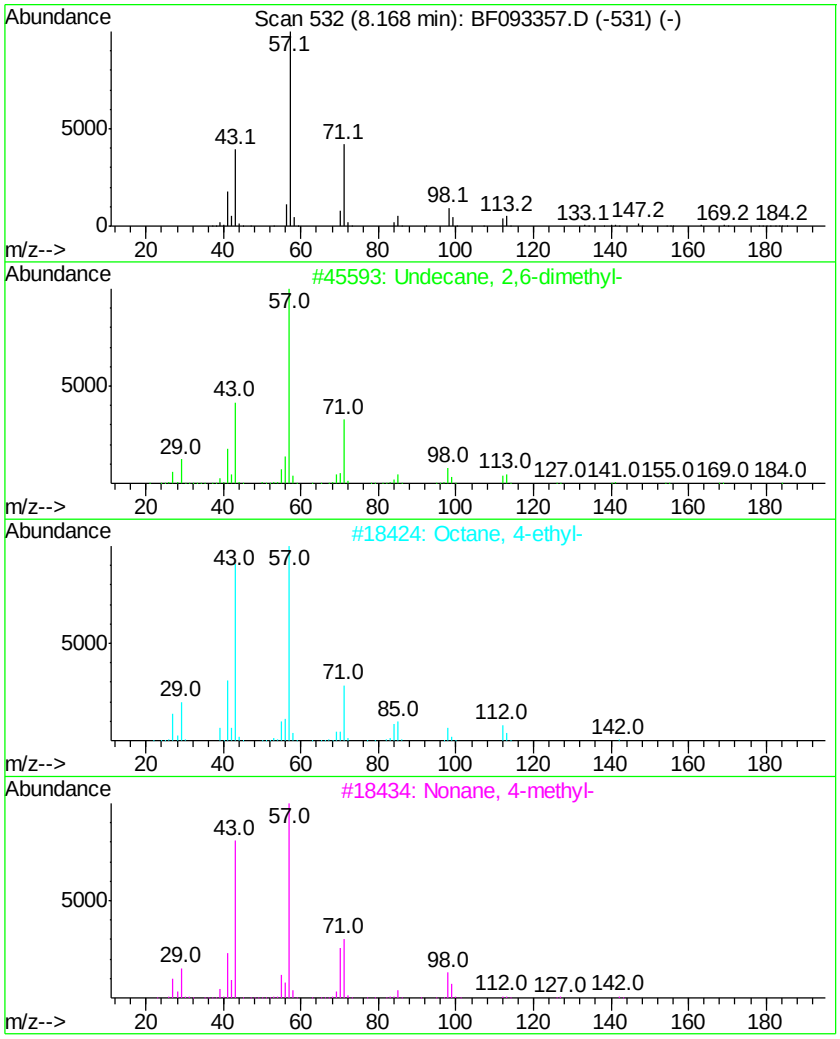
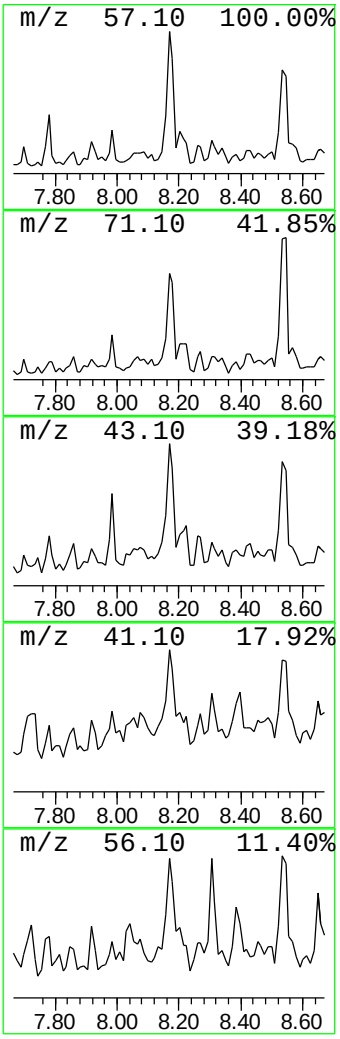
Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	28.35 ng	5497300	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	72
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64





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Data File : BF093357.D
Acq On : 3 Mar 2017 12:28
Operator : SJ/MA
Sample : I2057-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 23B-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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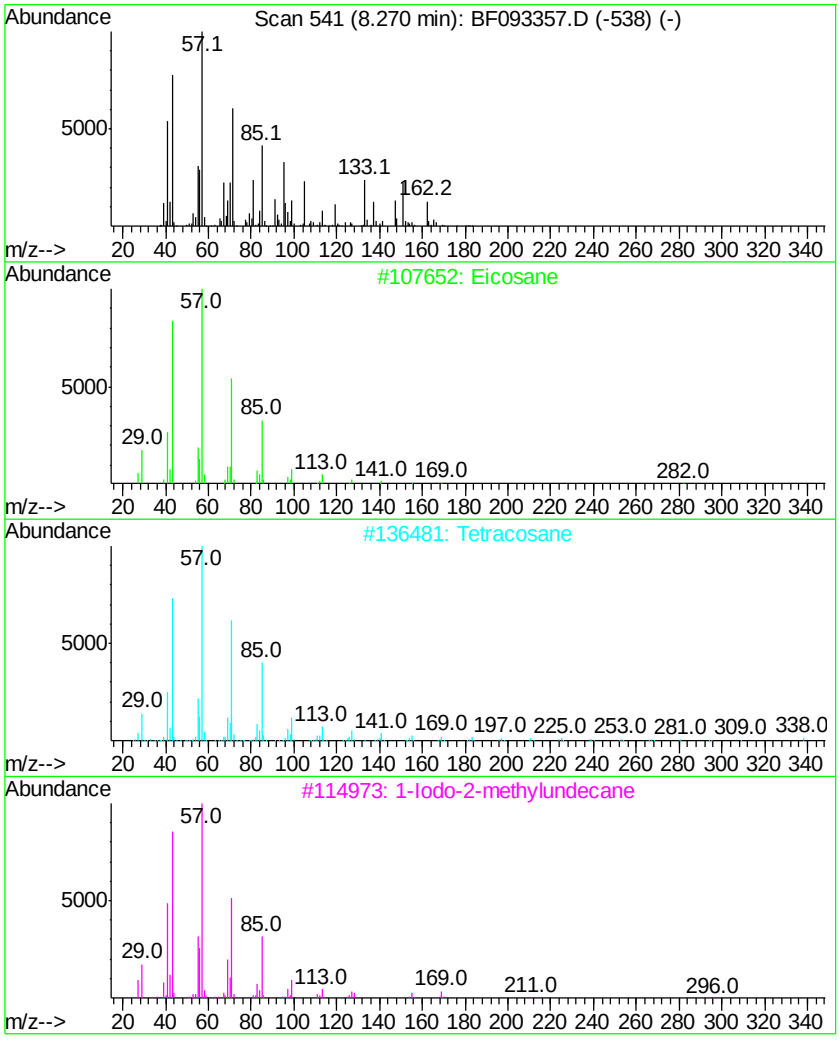
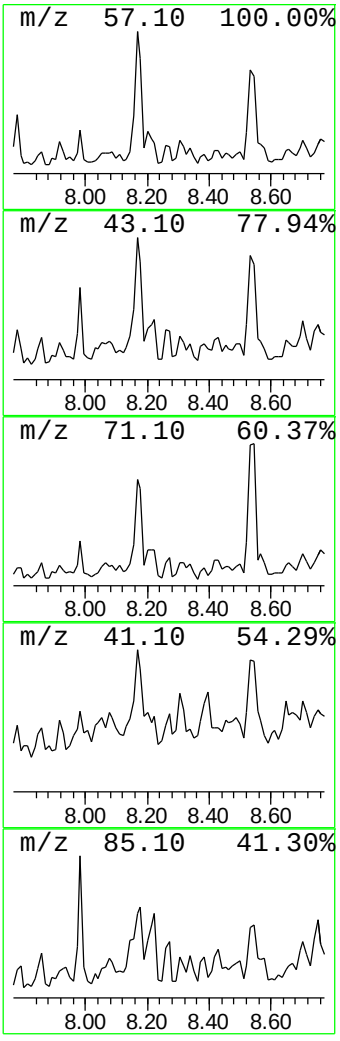
Peak Number 9 unknown8.27 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	13.25 ng	2569710	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	38
2	Tetracosane	338	C24H50	000646-31-1	30
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	30
4	Octadecane	254	C18H38	000593-45-3	30
5	Octacosane	394	C28H58	000630-02-4	30





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Instrument : BNA_F
ClientSampleId : 23B-22

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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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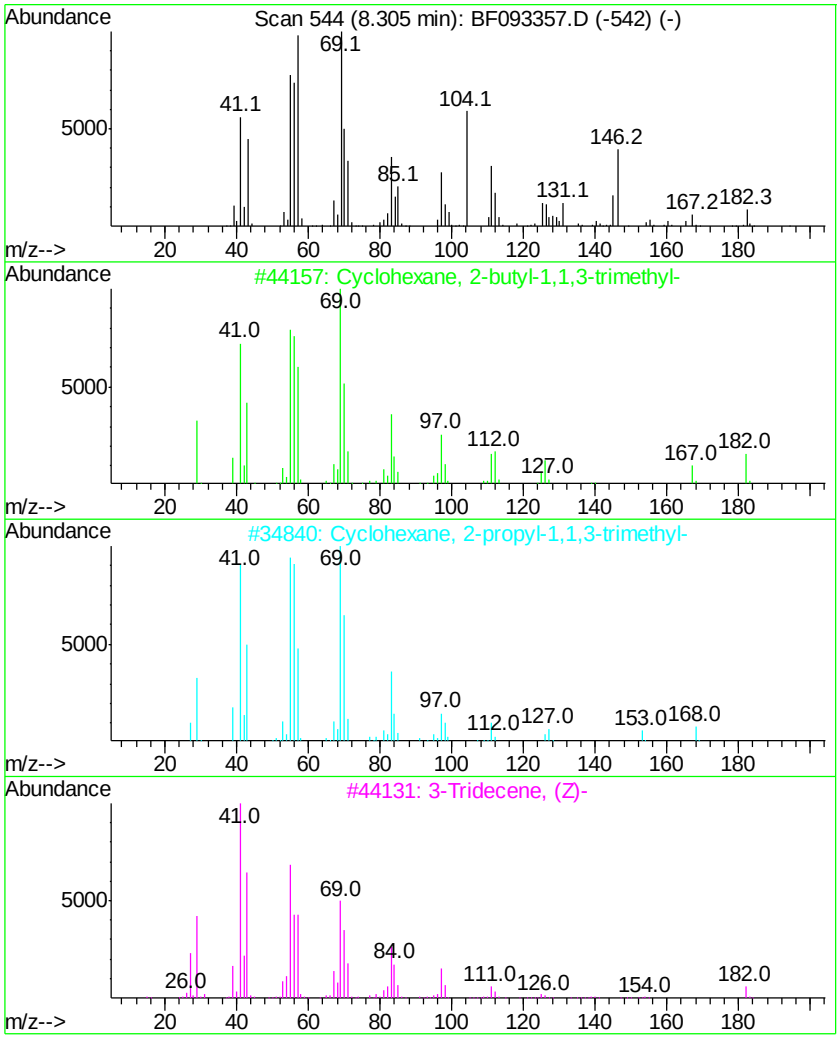
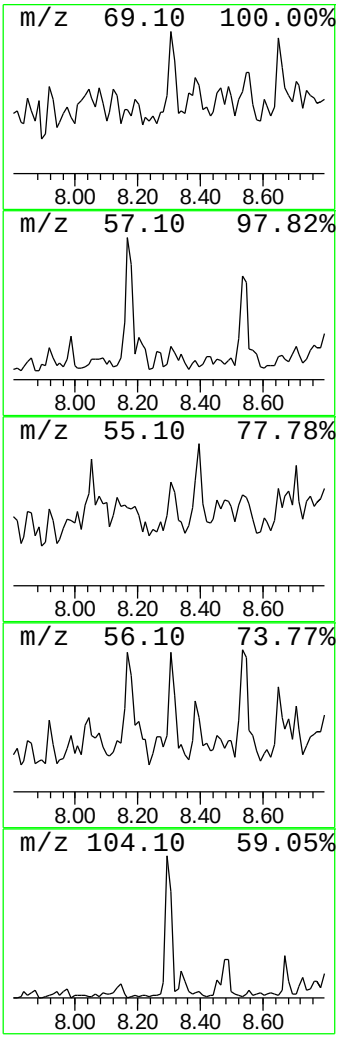
Peak Number 10 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	14.25 ng	2764130	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	83
2	Cyclohexane, 2-propyl-1,1,3-trim...	168	C12H24	081983-70-2	53
3	3-Tridecene, (Z)-	182	C13H26	041446-53-1	52
4	2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	43
5	4-Tridecene, (Z)-	182	C13H26	041446-54-2	41





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Misc :
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Instrument : BNA_F
ClientSampleId : 23B-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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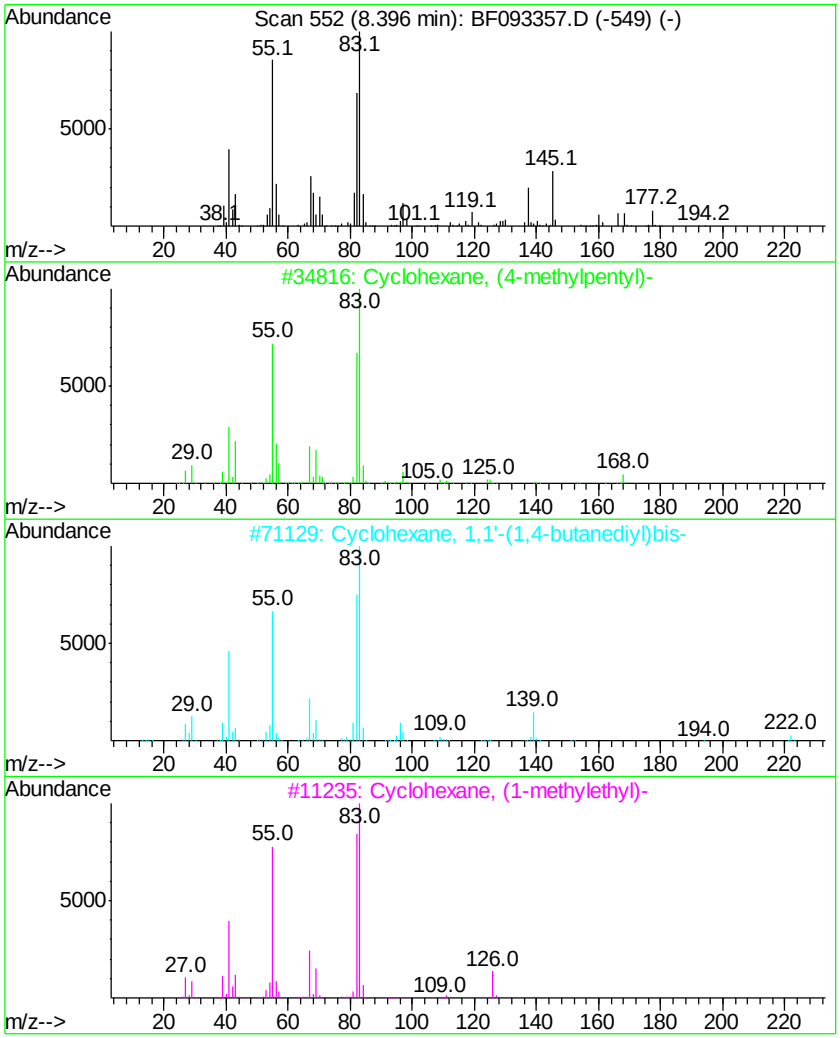
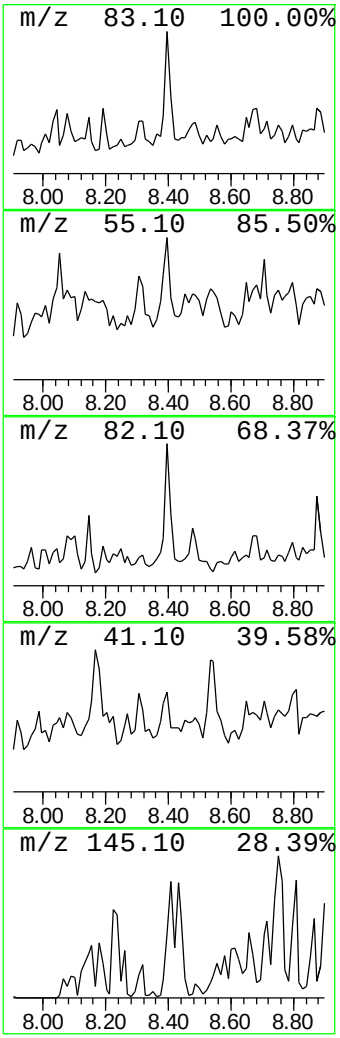
Peak Number 11 Cyclohexane, (4-methylpentyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	18.19 ng	3527250	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	53
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
4	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	53
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50





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Instrument : BNA_F
ClientSampleId : 23B-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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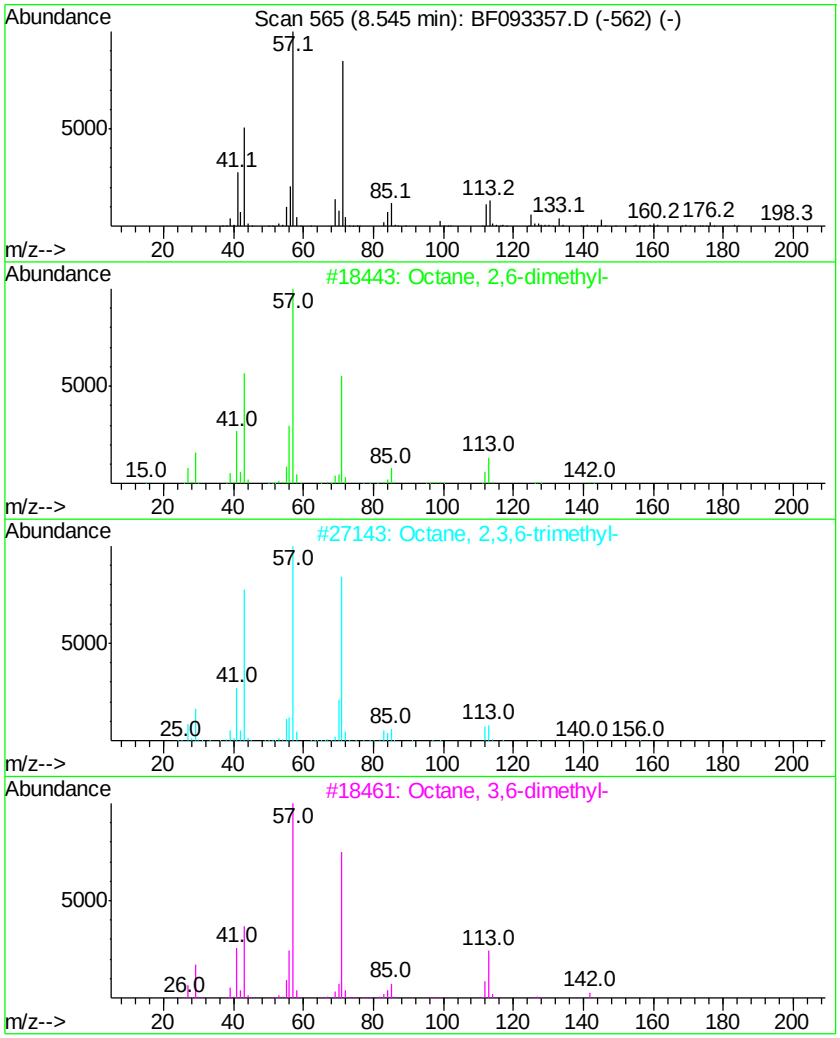
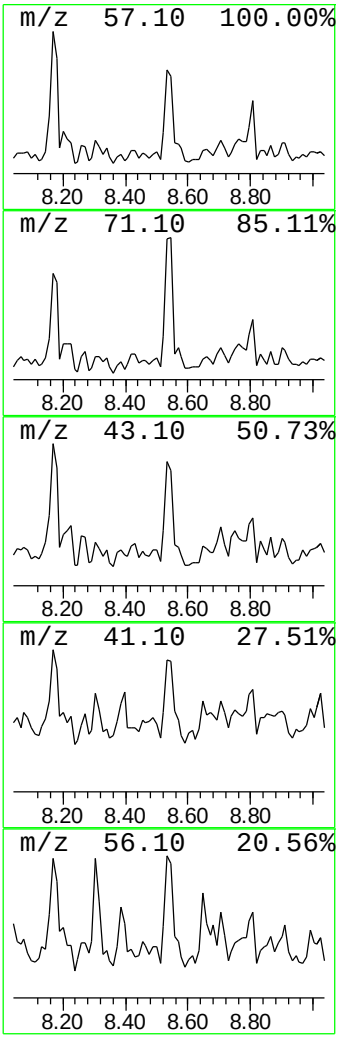
Peak Number 12 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	39.16 ng	7593570	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64





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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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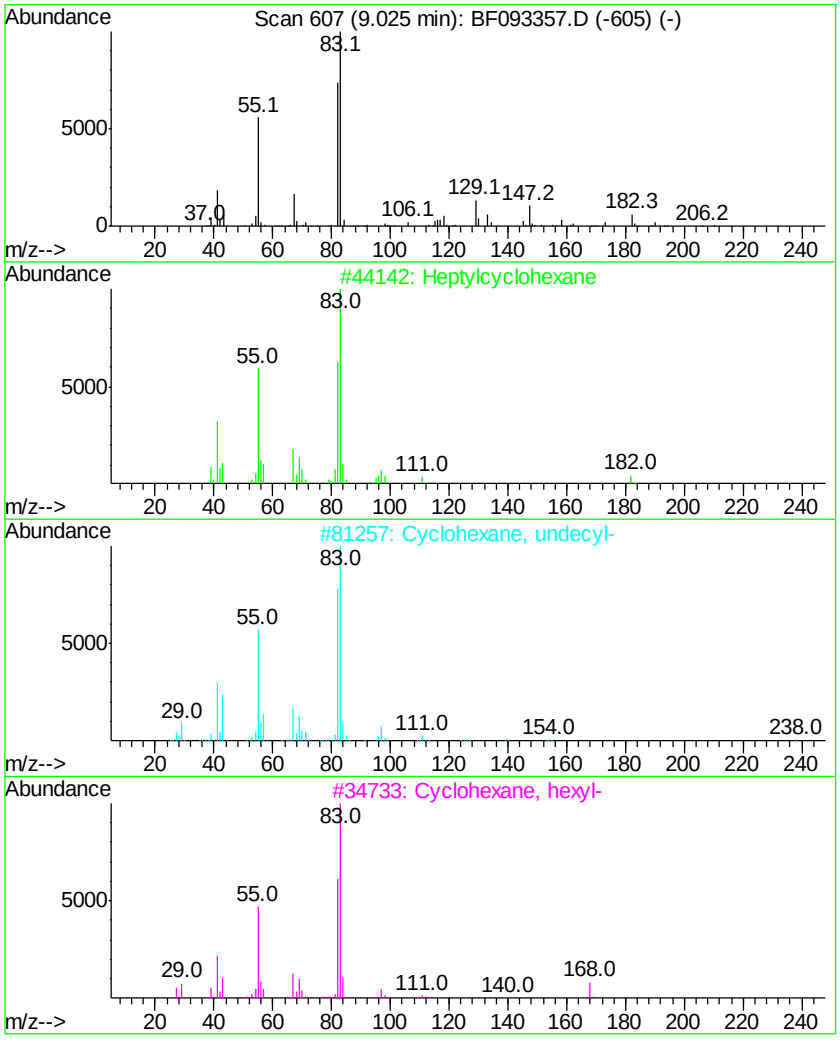
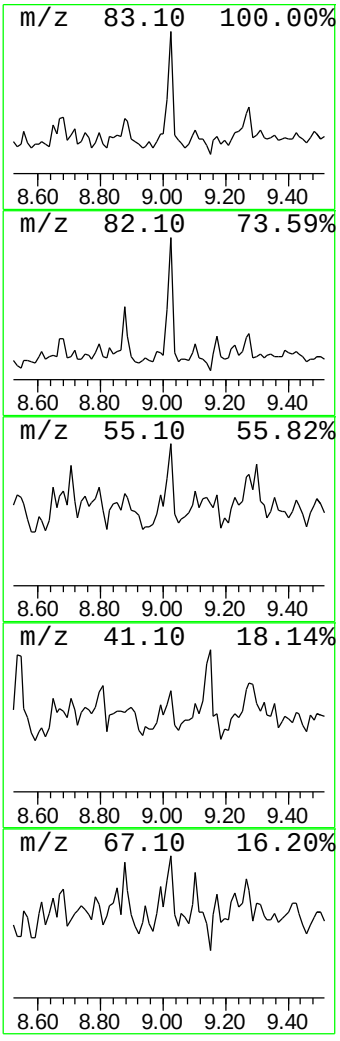
Peak Number 13 Heptylcyclohexane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	20.41 ng	1479030	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	72
2	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	50
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	50





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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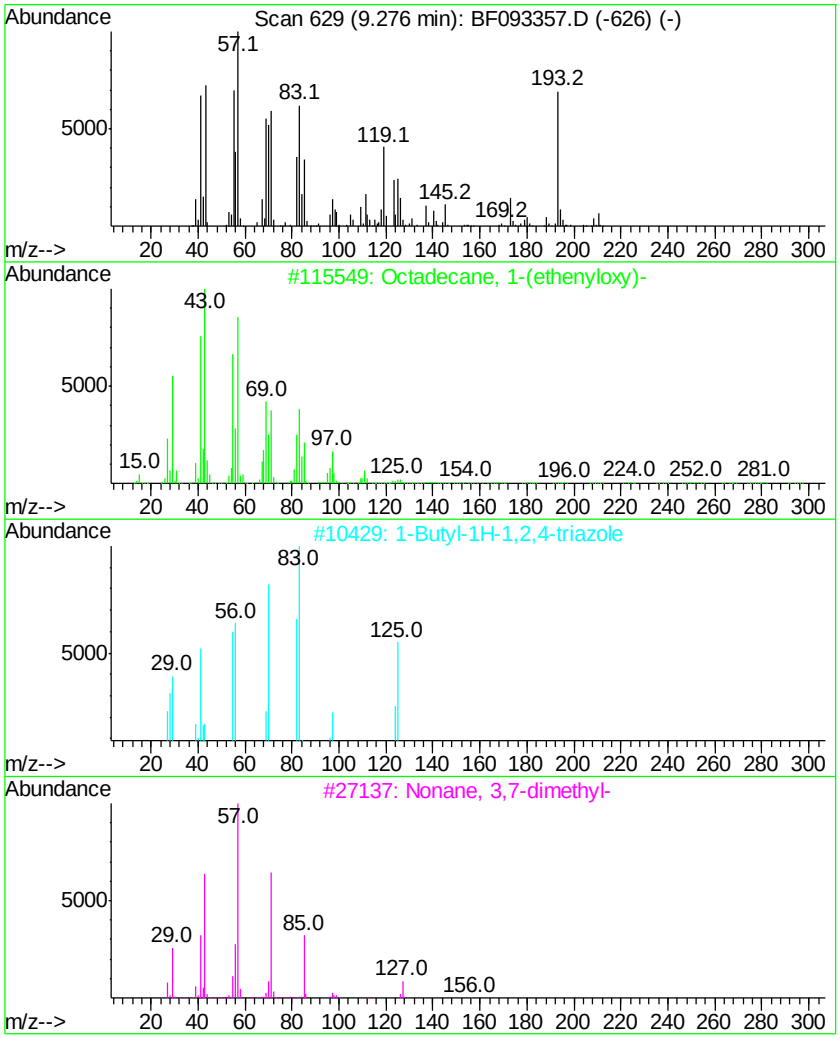
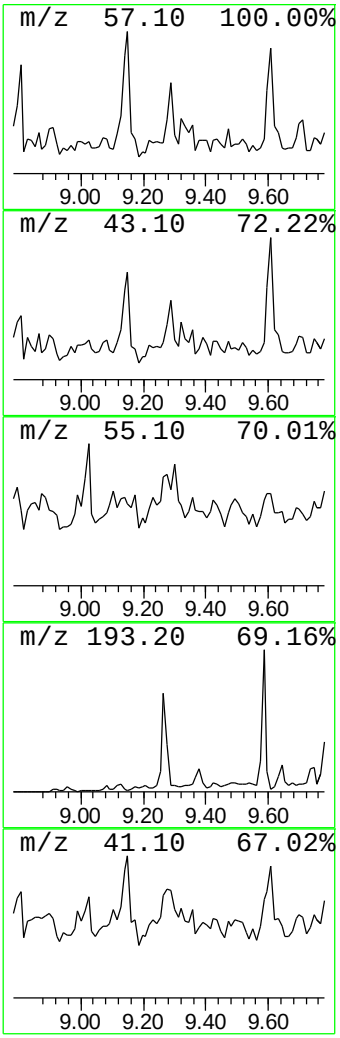
Peak Number 14 unknown9.28 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	66.90 ng	4847670	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	43
2	1-Butyl-1H-1,2,4-triazole	125	C6H11N3	006086-22-2	41
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	25
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	25
5	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	25





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ClientSampleId : 23B-22

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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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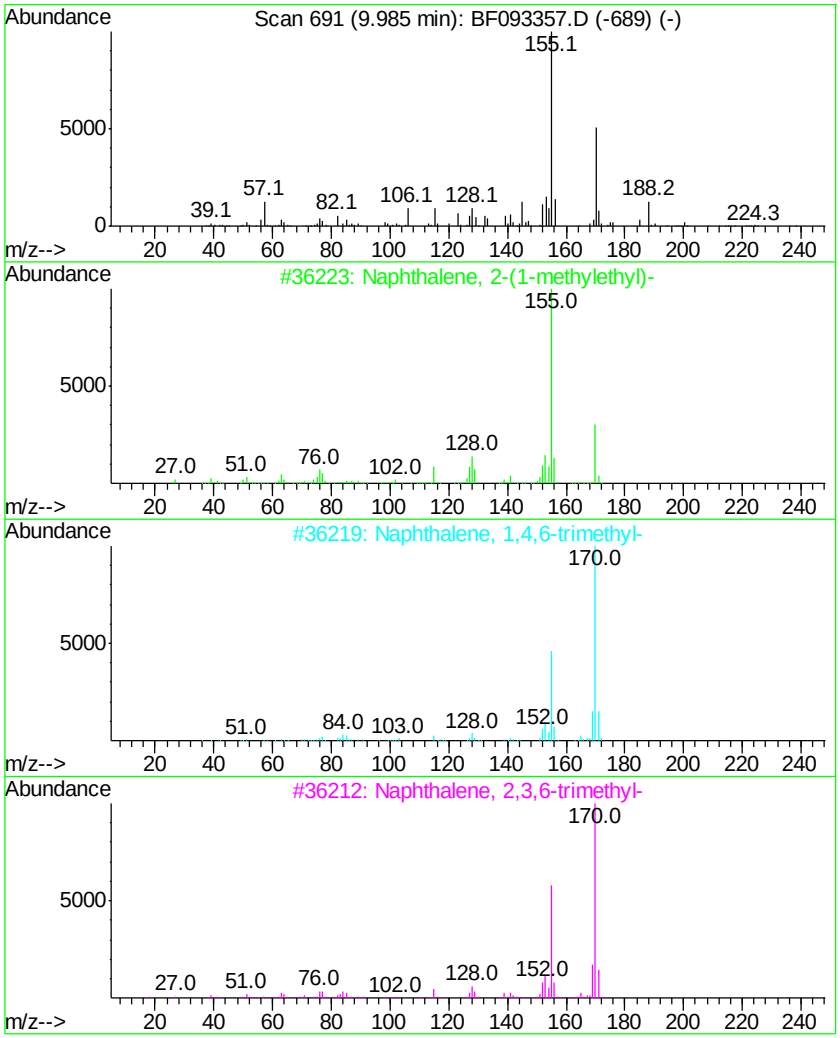
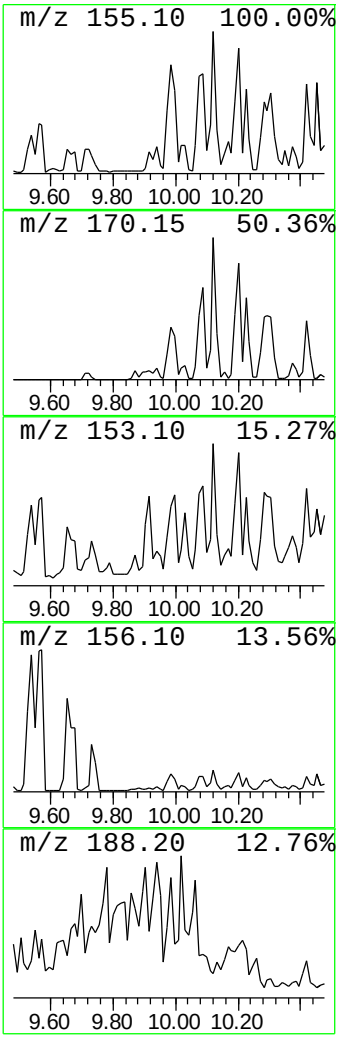
Peak Number 15 Naphthalene, 2-(1-methyleth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	20.00 ng	1449290	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
5	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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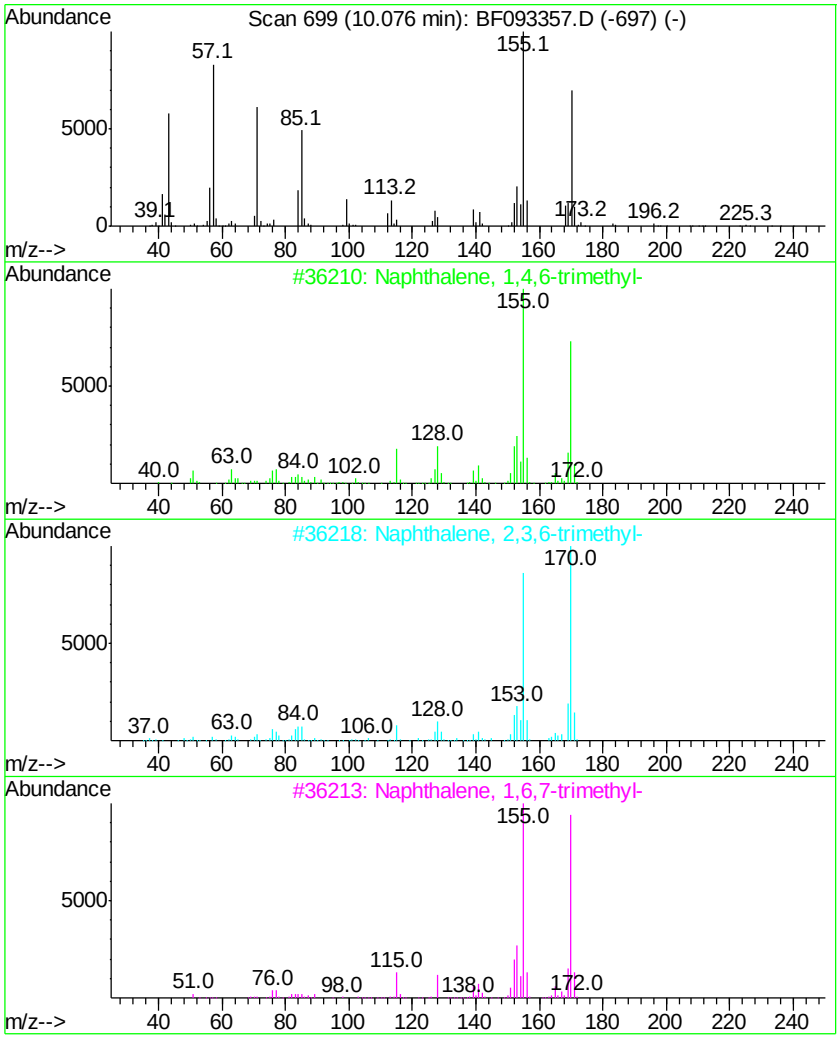
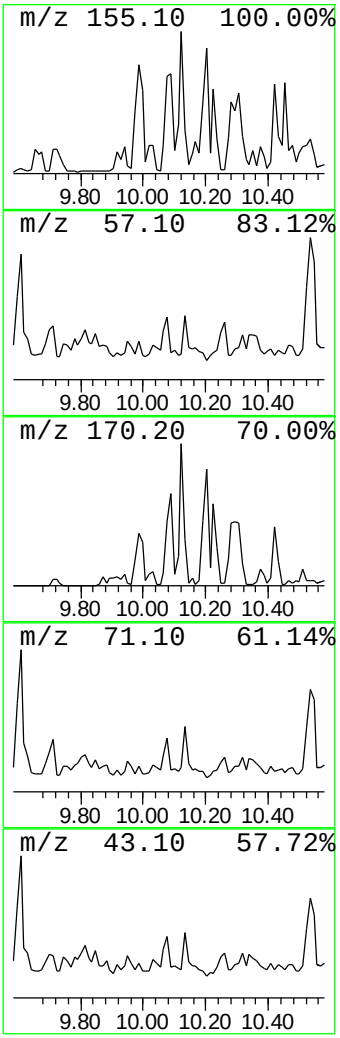
Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	25.22 ng	1827600	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	53





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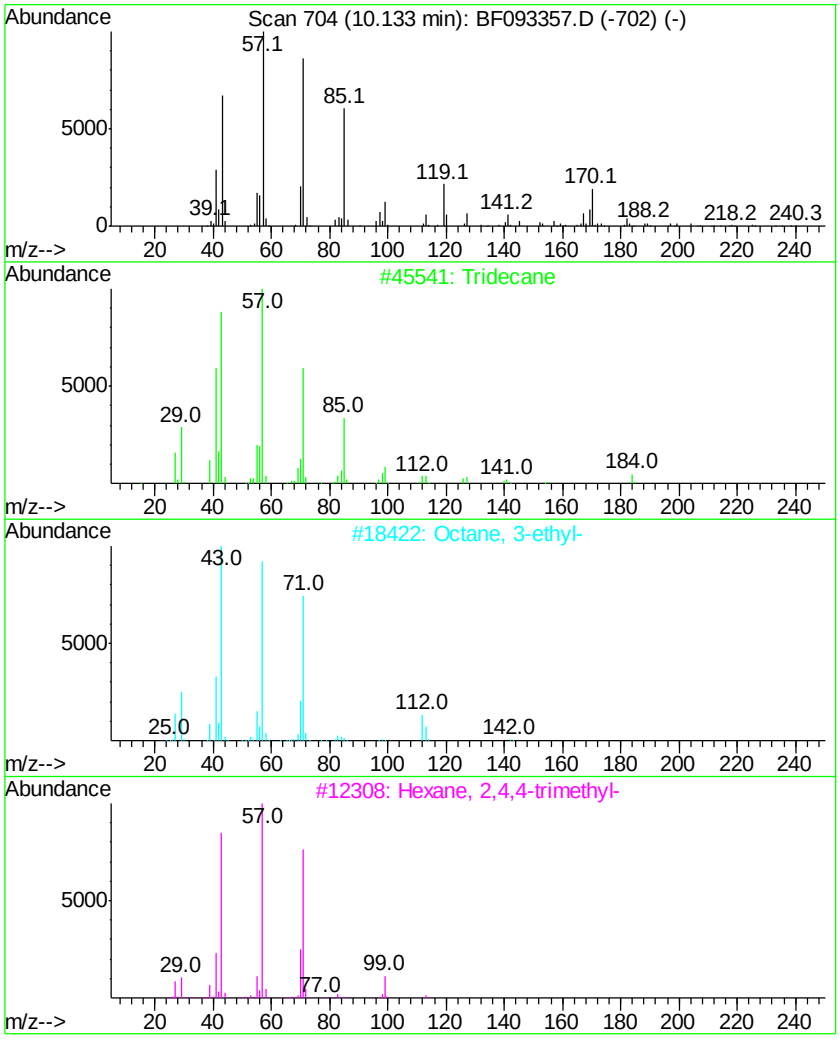
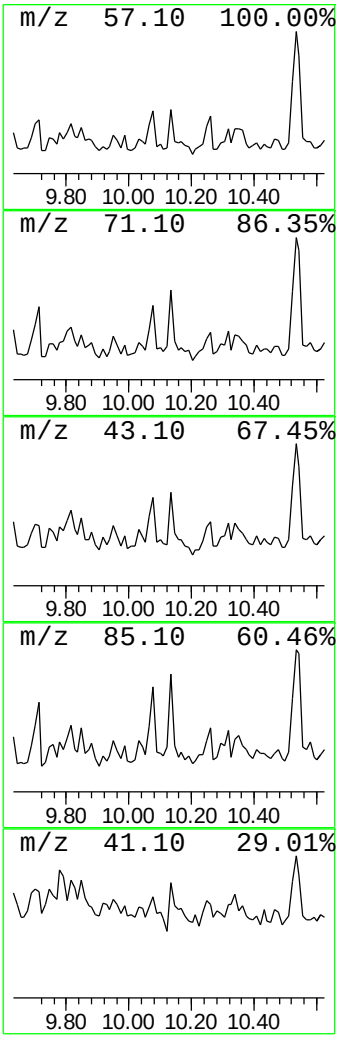
Peak Number 17 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	38.69 ng	2803400	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Octane, 3-ethyl-	142	C10H22	005881-17-4	49
3	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	47
4	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	47
5	Decane, 5-propyl-	184	C13H28	017312-62-8	46





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TIC Library : C:\DATABASE\NIST02.L
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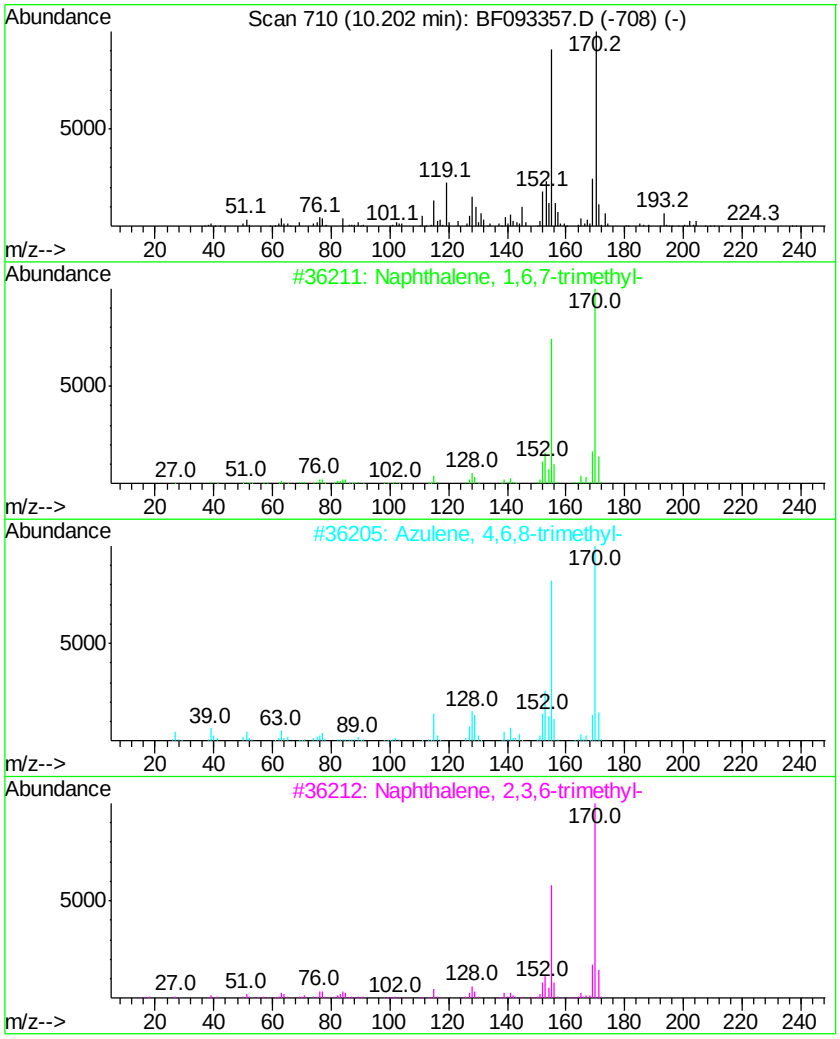
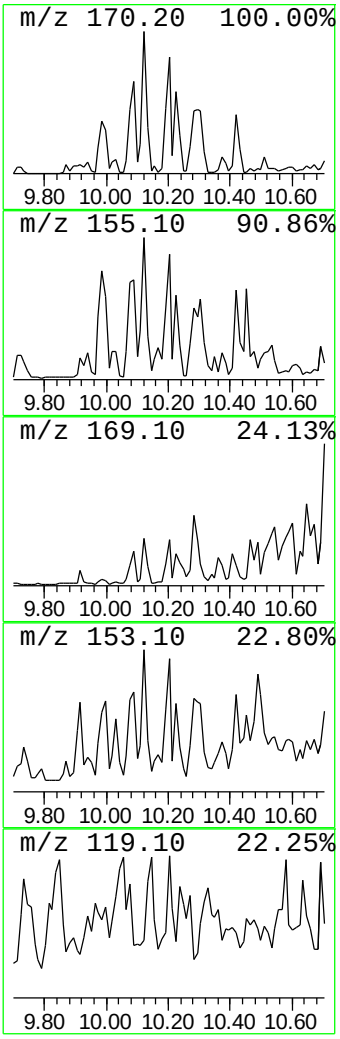
Peak Number 18 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	26.28 ng	1904160	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





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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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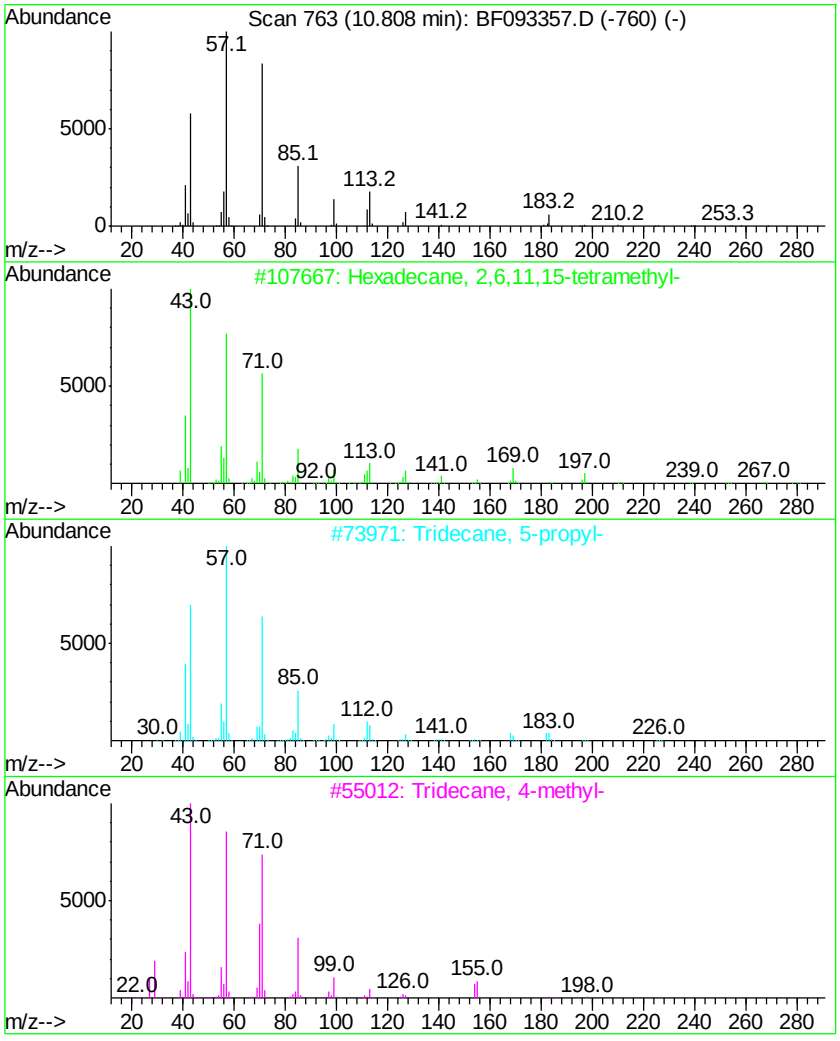
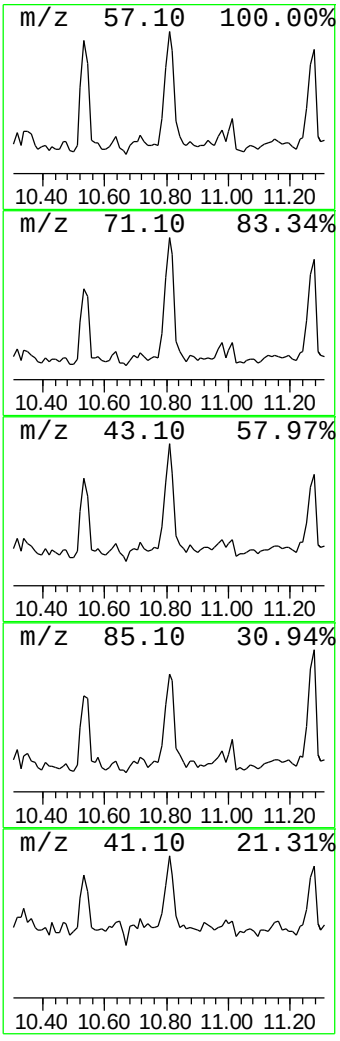
Peak Number 20 Hexadecane, 2,6,11,15-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	20.00 ng	4629470	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59





Tentatively Identified Compound (LSC) summary

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Data File : BF093357.D
Acq On : 3 Mar 2017 12:28
Operator : SJ/MA
Sample : I2057-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 23B-22

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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-Octene, 2,6-dim...	6.30	13.9	ng	4369140	1	6.80	6290960	20.0
unknown6.57	6.57	12.7	ng	3988330	1	6.80	6290960	20.0
Cyclohexane, 1,1-...	7.07	15.7	ng	4940930	1	6.80	6290960	20.0
unknown7.53	7.53	26.1	ng	5055540	2	8.10	3878700	20.0
Decane, 3,7-dimet...	7.60	23.2	ng	4498020	2	8.10	3878700	20.0
1-Methyldecahydro...	7.73	31.9	ng	6187360	2	8.10	3878700	20.0
Undecane, 2,6-dim...	8.17	28.4	ng	5497300	2	8.10	3878700	20.0
unknown8.27	8.27	13.3	ng	2569710	2	8.10	3878700	20.0
Cyclohexane, 2-bu...	8.30	14.3	ng	2764130	2	8.10	3878700	20.0
Cyclohexane, (4-m...	8.40	18.2	ng	3527250	2	8.10	3878700	20.0
Octane, 2,6-dimet...	8.54	39.2	ng	7593570	2	8.10	3878700	20.0
Heptylcyclohexane	9.02	20.4	ng	1479030	3	9.88	1449290	20.0
unknown9.28	9.28	66.9	ng	4847670	3	9.88	1449290	20.0
Naphthalene, 2-(1...	9.98	20.0	ng	1449290	3	9.88	1449290	20.0
Naphthalene, 1,4,...	10.08	25.2	ng	1827600	3	9.88	1449290	20.0
Tridecane	10.13	38.7	ng	2803400	3	9.88	1449290	20.0
Naphthalene, 1,6,...	10.20	26.3	ng	1904160	3	9.88	1449290	20.0
Hexadecane, 2,6,1...	10.81	20.0	ng	4629470	4	11.37	4629470	20.0