LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093393.D
Acq On : 4 Mar 2017 8:54
Operator : SJ/MA
Sample : I2056-17 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 16B-23

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	2.578	36	43	47	rBV	55221	128600	1.35%	0.059%
2	3.881	151	157	159	rBV	261456	498634	5.22%	0.228%
3	3.939	159	162	167	rVB	137841	237801	2.49%	0.109%
4	4.053	167	172	174	rBV2	105588	217661	2.28%	0.099%
5	4.110	174	177	181	rVB	129736	256672	2.69%	0.117%
6	4.270	188	191	195	rBV2	336499	554120	5.80%	0.253%
7	4.384	196	201	205	rVB	229382	329738	3.45%	0.151%
8	4.556	213	216	219	rBV2	57220	97944	1.03%	0.045%
9	4.613	219	221	223	rBV	174797	215059	2.25%	0.098%
10	4.727	229	231	234	rVB	503680	740608	7.75%	0.338%
11	4.796	234	237	238	rBV2	207969	489702	5.13%	0.224%
12	4.830	238	240	243	rVB2	861329	1393360	14.59%	0.636%
13	4.899	243	246	247	rBV	1254516	1636341	17.13%	0.747%
14	4.922	247	248	253	rVB3	171526	146160	1.53%	0.067%
15	5.002	253	255	257	rVB	3246340	3544521	37.11%	1.618%
16	5.036	257	258	261	rVB	293481	306490	3.21%	0.140%
17	5.116	262	265	267	rBV	1576556	1836838	19.23%	0.839%
18	5.150	267	268	272	rVB3	169840	289545	3.03%	0.132%
19	5.207	272	273	275	rVB	92943	117599	1.23%	0.054%
20	5.253	275	277	278	rBV2	108614	150126	1.57%	0.069%
21	5.299	278	281	283	rBV2	223769	518542	5.43%	0.237%
22	5.367	285	287	289	rBV	1804923	1846620	19.33%	0.843%
23	5.413	289	291	294	rVB2	598191	733392	7.68%	0.335%
24	5.459	294	295	297	rBV	95321	98388	1.03%	0.045%
25	5.504	297	299	301	rBV	1168957	1623158	16.99%	0.741%
26	5.550	301	303	304	rVB	1250847	1237167	12.95%	0.565%
27	5.596	304	307	311	rVB2	993615	1823698	19.09%	0.833%
28	5.664	311	313	315	rBV	486131	496349	5.20%	0.227%
29	5.767	318	322	324	rBV2	1747714	2677580	28.03%	1.222%
30	5.824	324	327	329	rBV2	907648	1958739	20.51%	0.894%
31	5.904	332	334	337	rVB3	2806146	3812945	39.92%	1.741%
32	5.962	337	339	341	rBV2	868773	1570555	16.44%	0.717%
33	6.007	341	343	347	rBV2	4177322	6877522	72.00%	3.140%
34	6.064	347	348	350	rBV	2186197	2965148	31.04%	1.354%

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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

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Peak separation: 5

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

35	6.099	350	351	357	rVB3	1014590	3006117	31.47%	1.372%
36	6.202	357	360	365	rBV2	2014992	6222805	65.15%	2.841%
37	6.270	365	366	367	rBV	1820261	1912121	20.02%	0.873%
38	6.293	367	368	373	rVB2	2364455	4731655	49.54%	2.160%
39	6.385	373	376	378	rBV2	824391	1914270	20.04%	0.874%
40	6.430	378	380	382	rBV3	2314456	3718091	38.93%	1.698%
41	6.476	382	384	385	rVB	902381	912246	9.55%	0.416%
42	6.522	385	388	390	rBV3	2123659	5629044	58.93%	2.570%
43	6.556	390	391	394	rVB2	3156741	3225776	33.77%	1.473%
44	6.636	394	398	400	rBV3	1581840	2591882	27.14%	1.183%
45	6.739	400	407	409	rBV2	2491032	6365852	66.65%	2.906%
46	6.807	409	413	415	rVB2	5275145	8873295	92.90%	4.051%
47	6.842	415	416	418	rBV	1486755	2159419	22.61%	0.986%
48	6.887	418	420	421	rBV	790366	1498071	15.68%	0.684%
49	6.910	421	422	423	rVB	752551	515874	5.40%	0.236%
50	6.945	423	425	429	rVB3	3951624	8537848	89.39%	3.898%
51	7.070	429	436	438	rBV3	3124655	9475542	99.20%	4.326%
52	7.116	438	440	441	rBV2	1748685	2085557	21.83%	0.952%
53	7.139	441	442	444	rBV2	790436	828650	8.68%	0.378%
54	7.185	444	446	447	rBV2	2656513	3068001	32.12%	1.401%
55	7.276	452	454	455	rBV2	671308	1178472	12.34%	0.538%
56	7.333	455	459	460	rBV2	3951245	7470268	78.21%	3.411%
57	7.367	460	462	466	rVB4	2386936	6013954	62.96%	2.746%
58	7.436	466	468	471	rBV3	3189669	5756963	60.27%	2.628%
59	7.516	471	475	477	rBV2	2908664	6094338	63.80%	2.782%
60	7.607	477	483	485	rVB4	2487430	8039309	84.17%	3.670%
61	7.642	485	486	488	rBV2	707565	879055	9.20%	0.401%
62	7.722	488	493	495	rBV3	2878966	8143189	85.26%	3.718%
63	7.767	495	497	499	rVB2	1436543	1487203	15.57%	0.679%
64	7.848	501	504	507	rBV4	1837186	4116035	43.09%	1.879%
65	7.905	507	509	511	rBV3	2253695	3341952	34.99%	1.526%
66	7.973	511	515	518	rBV5	1676683	5067957	53.06%	2.314%
67	8.076	518	524	526	rBV7	2751907	9551515	100.00%	4.361%
68	8.248	537	539	540	rBV2	1381381	2117518	22.17%	0.967%
69	8.293	541	543	545	rVV2	2263964	3887768	40.70%	1.775%
70	8.385	548	551	552	rVB2	2048251	3544497	37.11%	1.618%
71	8.522	560	563	568	rVB4	2866869	6563501	68.72%	2.997%

LSC Area Percent Report

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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 16B-23

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

72	8.636	571	573	576	rBV4	1239988	3171621	33.21%	1.448%
73	8.785	584	586	589	rVB4	1975349	2563142	26.83%	1.170%
74	9.128	613	616	617	rBV3	2183546	3541659	37.08%	1.617%
75	9.242	624	626	629	rBV4	1500896	3854459	40.35%	1.760%
76	10.785	757	761	763	rBV2	1978004	3945510	41.31%	1.801%

Sum of corrected areas: 219029323

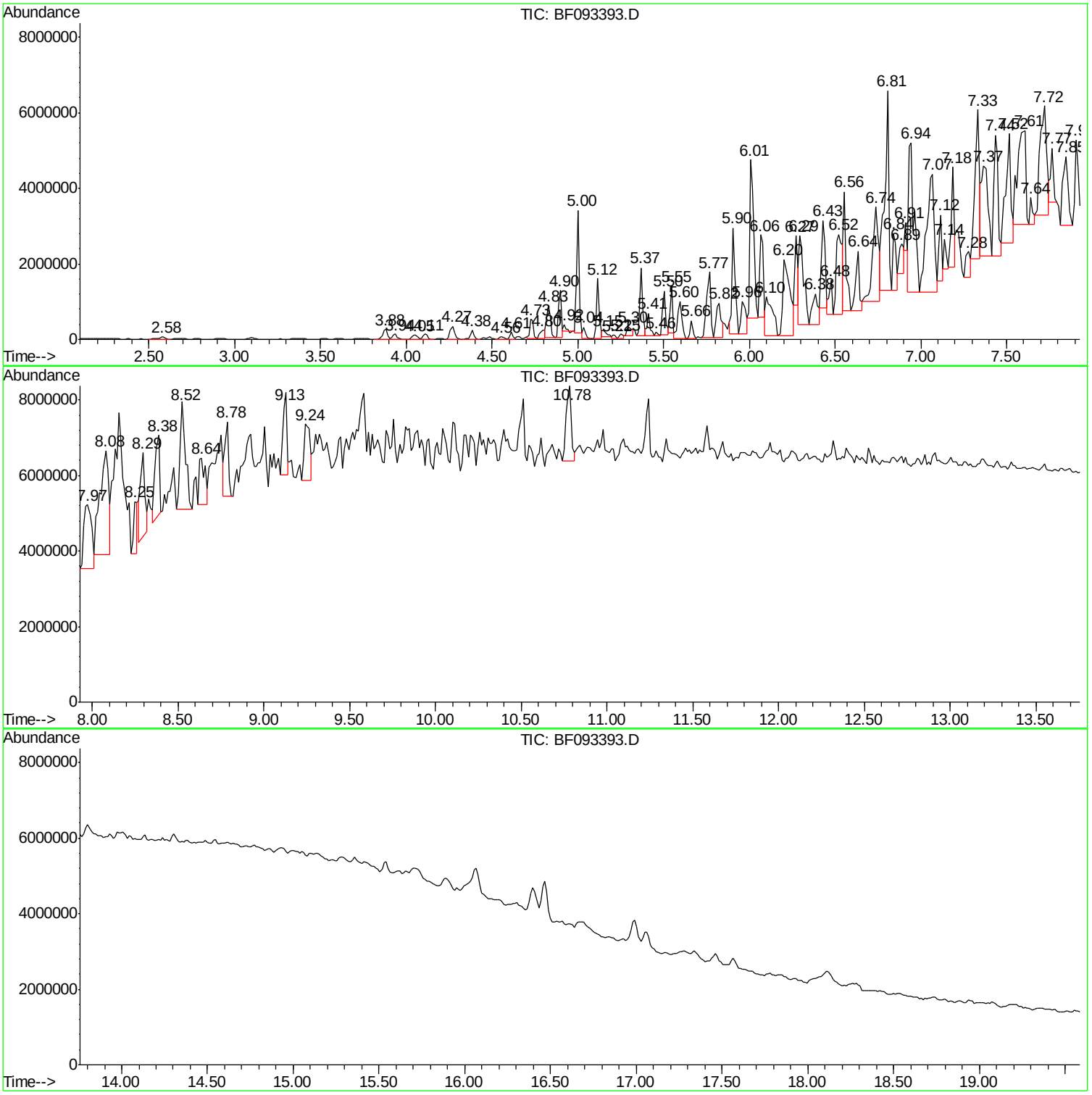
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093393.D
Acq On : 4 Mar 2017 8:54
Operator : SJ/MA
Sample : I2056-17 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 16B-23

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093393.D
Acq On : 4 Mar 2017 8:54
Operator : SJ/MA
Sample : I2056-17 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 16B-23

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

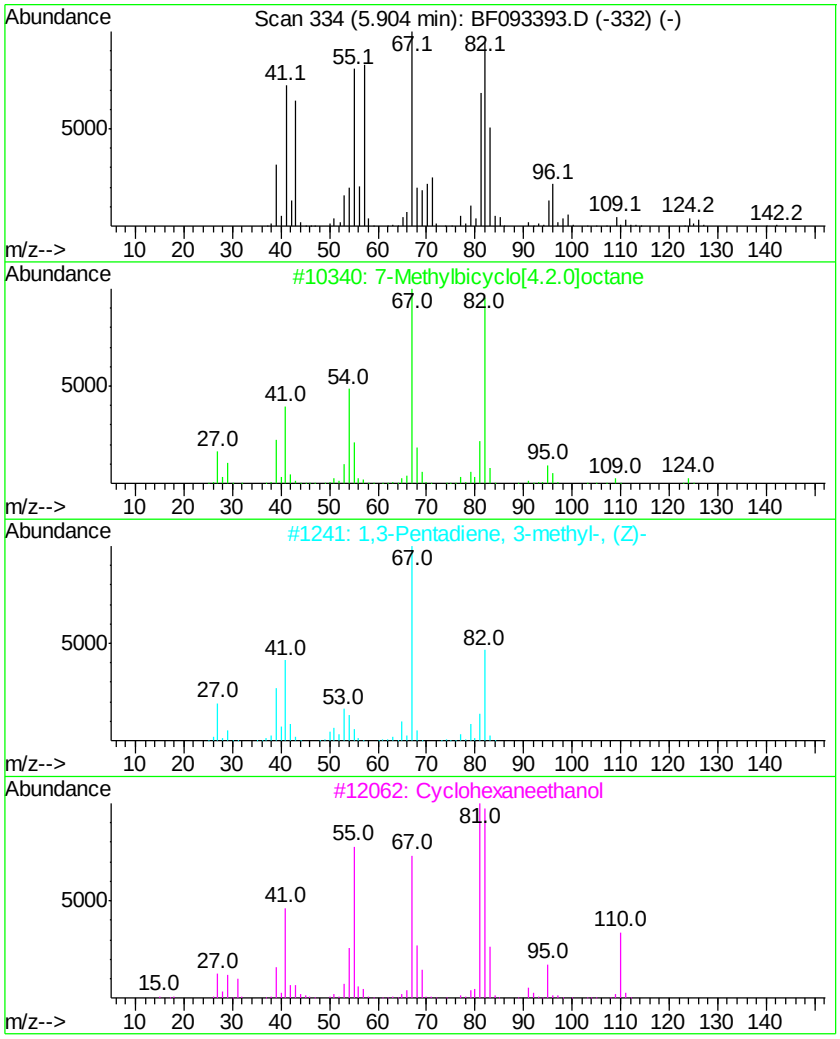
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

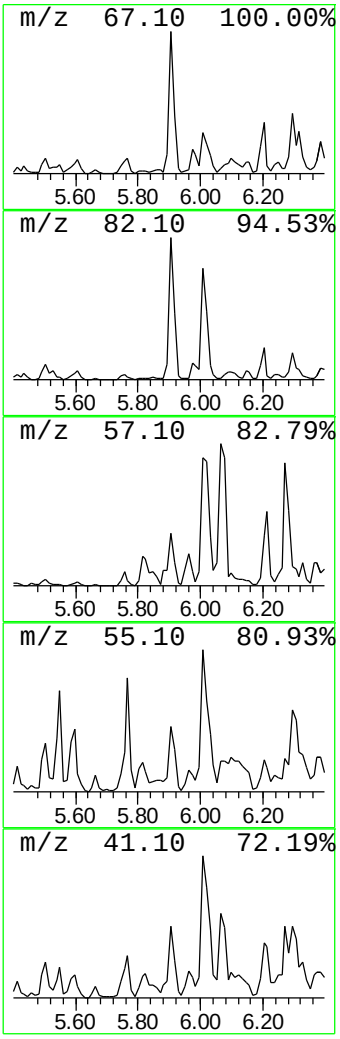
****

Peak Number 2 7-Methylbicyclo[4.2.0]octane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	8.59 ng	3812950	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	53
2	1,3-Pentadiene, 3-methyl-, (Z)-	82	C6H10	002787-45-3	43
3	Cyclohexaneethanol	128	C8H16O	004442-79-9	35
4	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	35
5	Cyclohexanepropanol-	142	C9H18O	001124-63-6	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
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Acq On : 4 Mar 2017 8:54
Operator : SJ/MA
Sample : I2056-17 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 16B-23

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

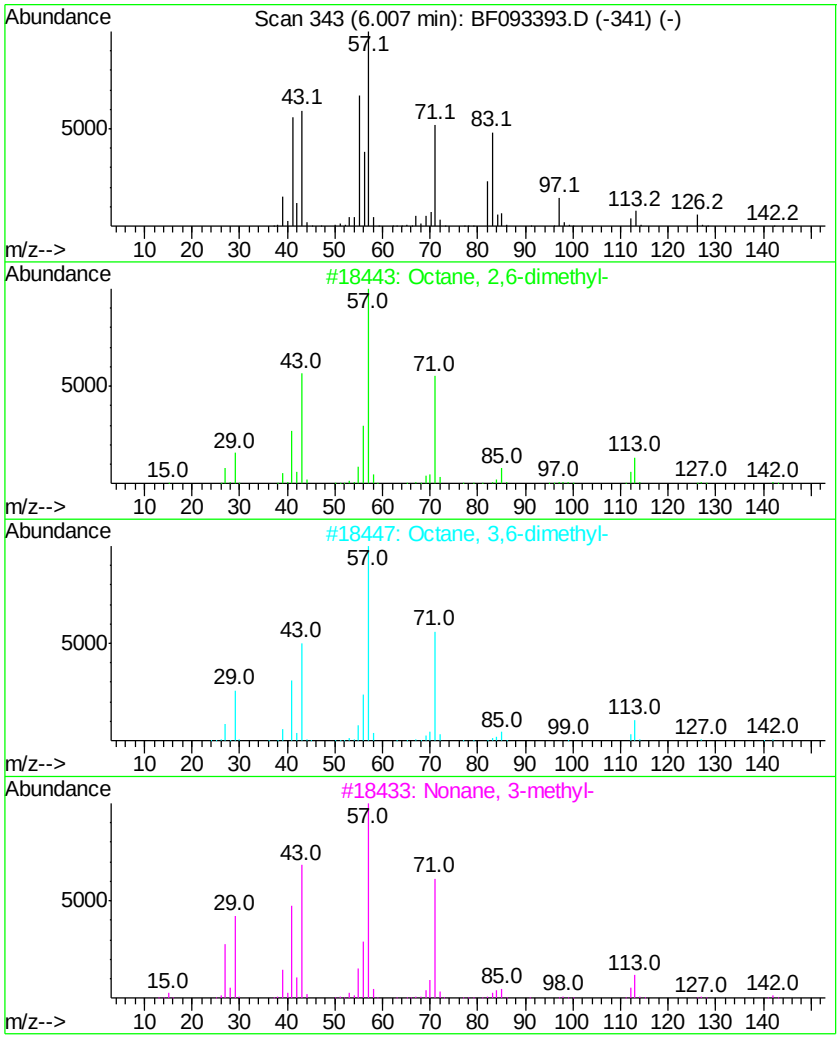
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

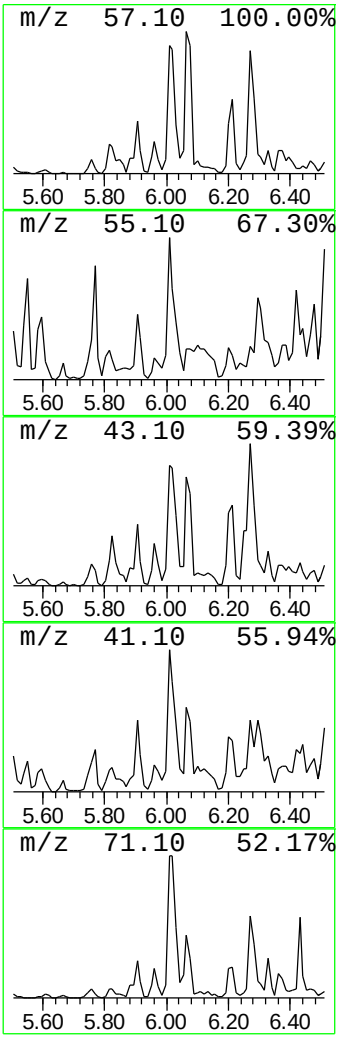
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	15.50 ng	6877520	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	60
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	35
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	27
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
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Sample : I2056-17 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 16B-23

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

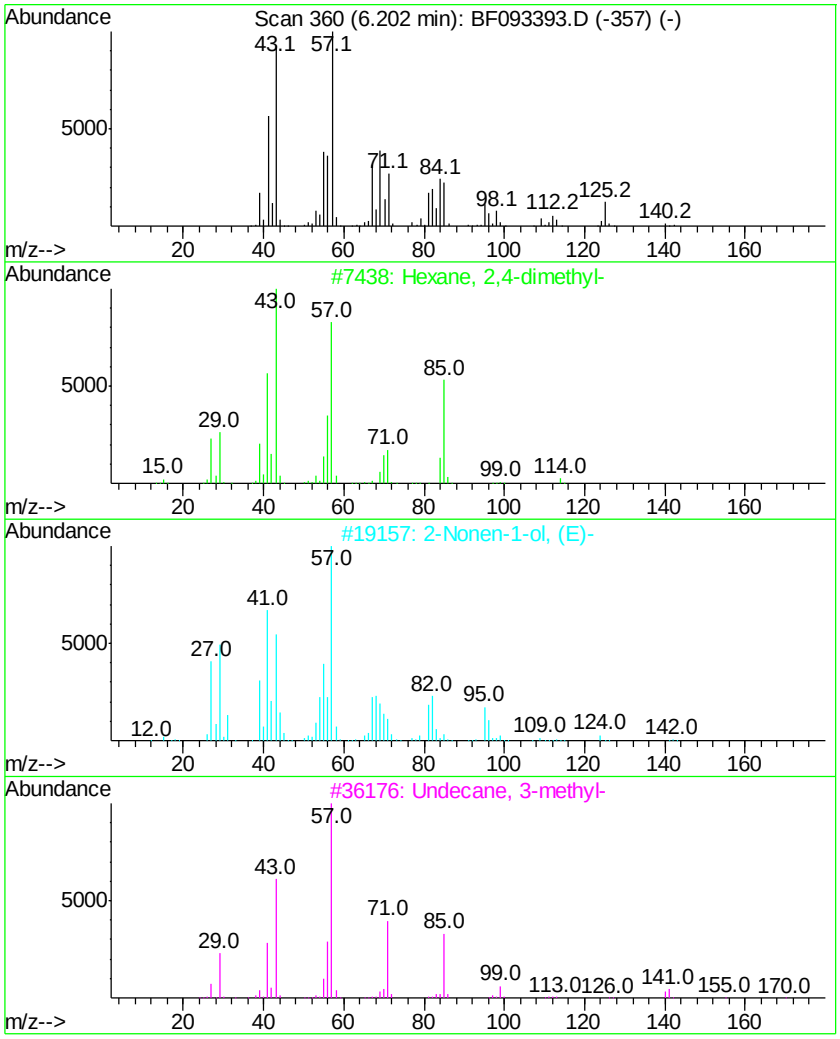
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

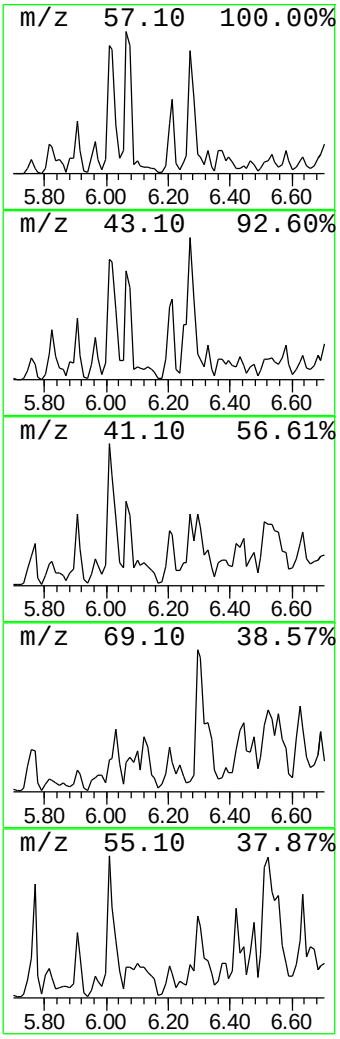
****

Peak Number 4 unknown6.20 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	14.03 ng	6222810	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
2	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	38
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	35
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	35
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	35





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Instrument : BNA_F
ClientSampleId : 16B-23

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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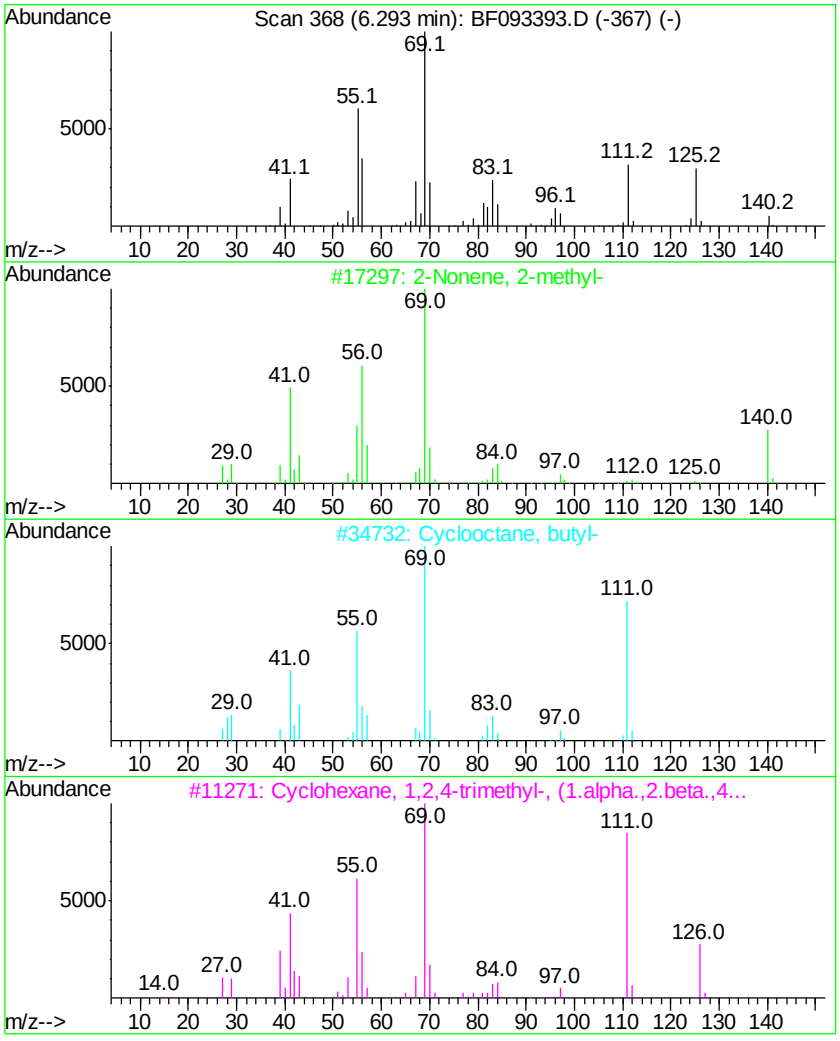
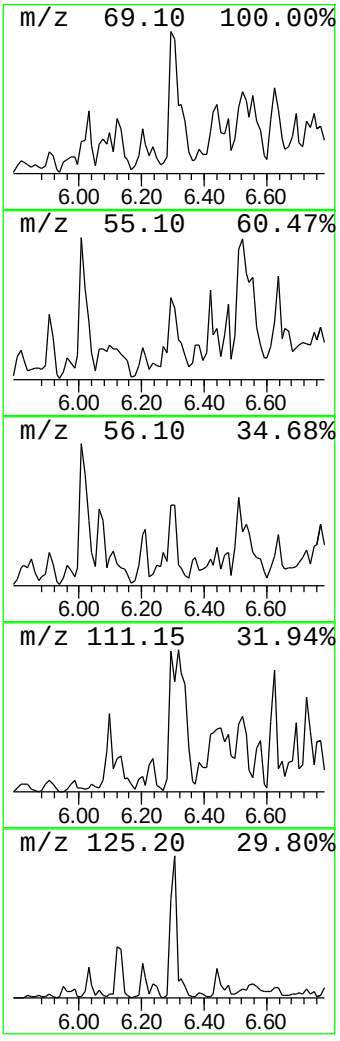
Peak Number 5 2-Nonene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	10.66 ng	4731660	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonene, 2-methyl-	140	C10H20	002129-95-5	52
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	50
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	47
4	9-Oxabicyclo[6.1.0]nonane, 1-met...	140	C9H16O	052954-47-9	47
5	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	47





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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

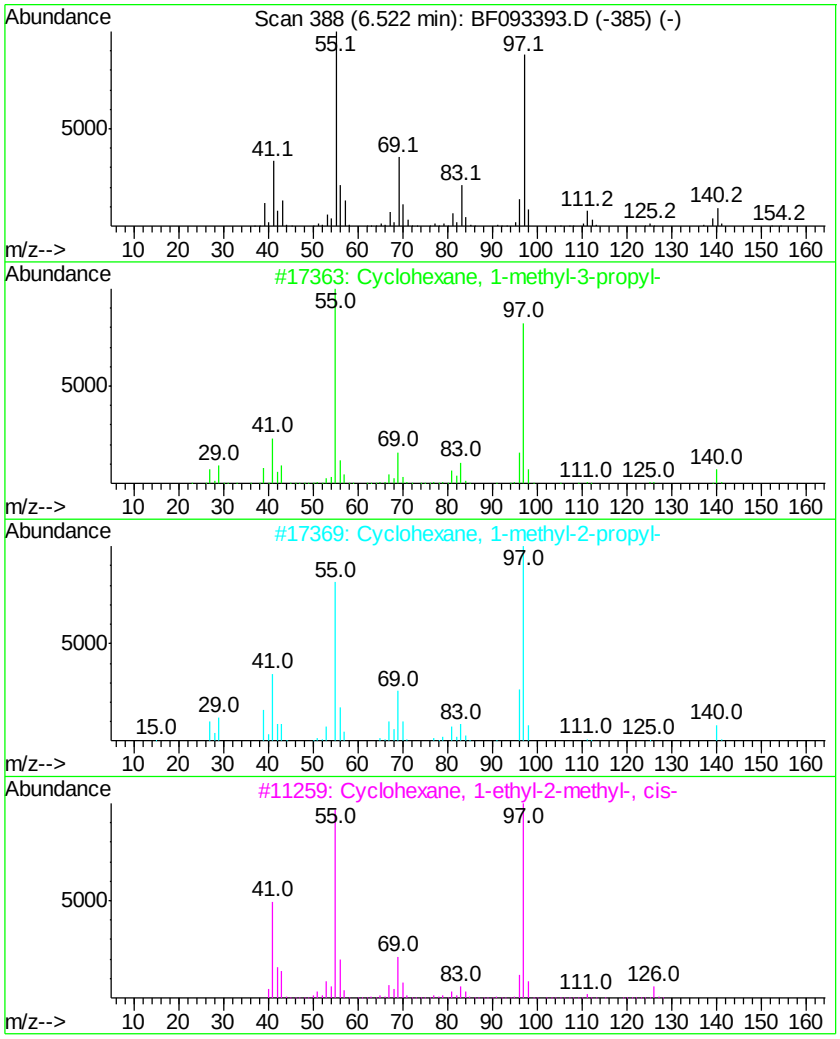
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

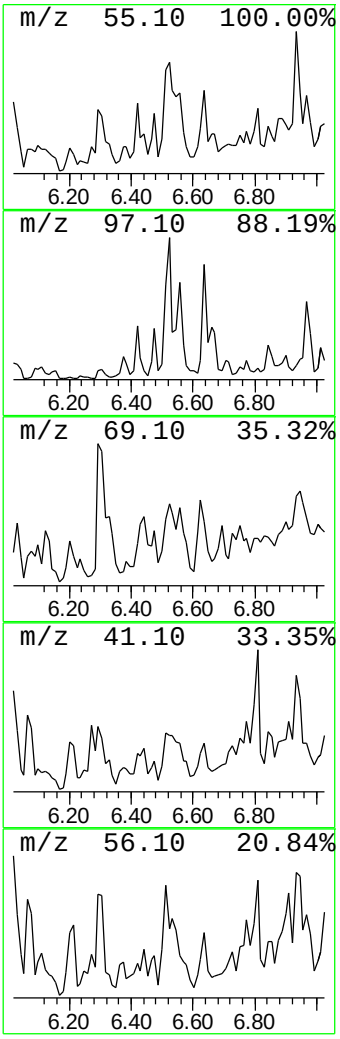
****

Peak Number 6 Cyclohexane, 1-methyl-3-pro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	12.69 ng	5629040	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	72
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	72
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	72
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	68
5	1,3-Dimethylcyclohexane,c&t	112	C8H16	000591-21-9	68





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Sample : I2056-17 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 16B-23

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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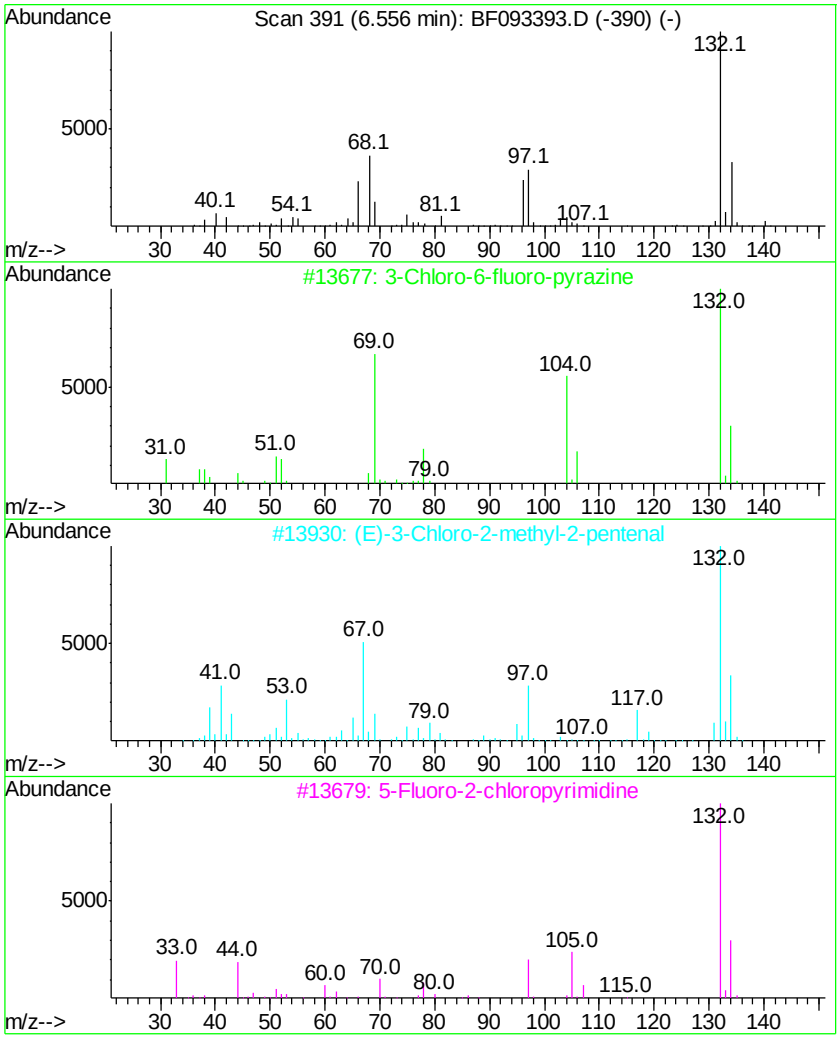
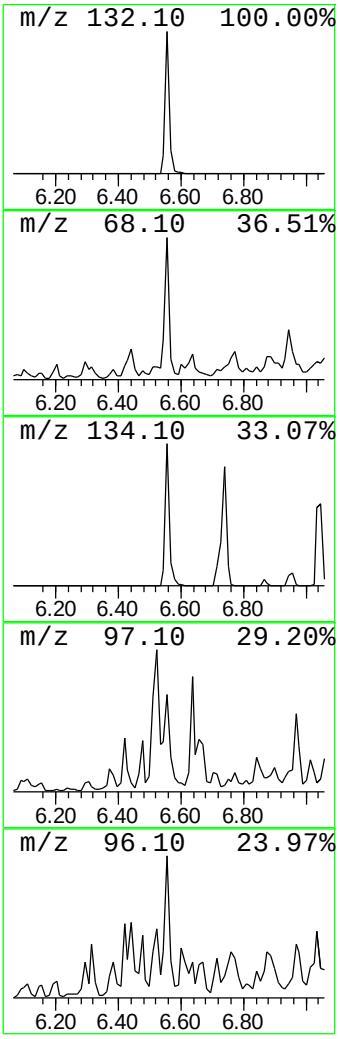
Peak Number 7 unknown6.56 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	7.27 ng	3225780	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	30
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093393.D
Acq On : 4 Mar 2017 8:54
Operator : SJ/MA
Sample : I2056-17 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 16B-23

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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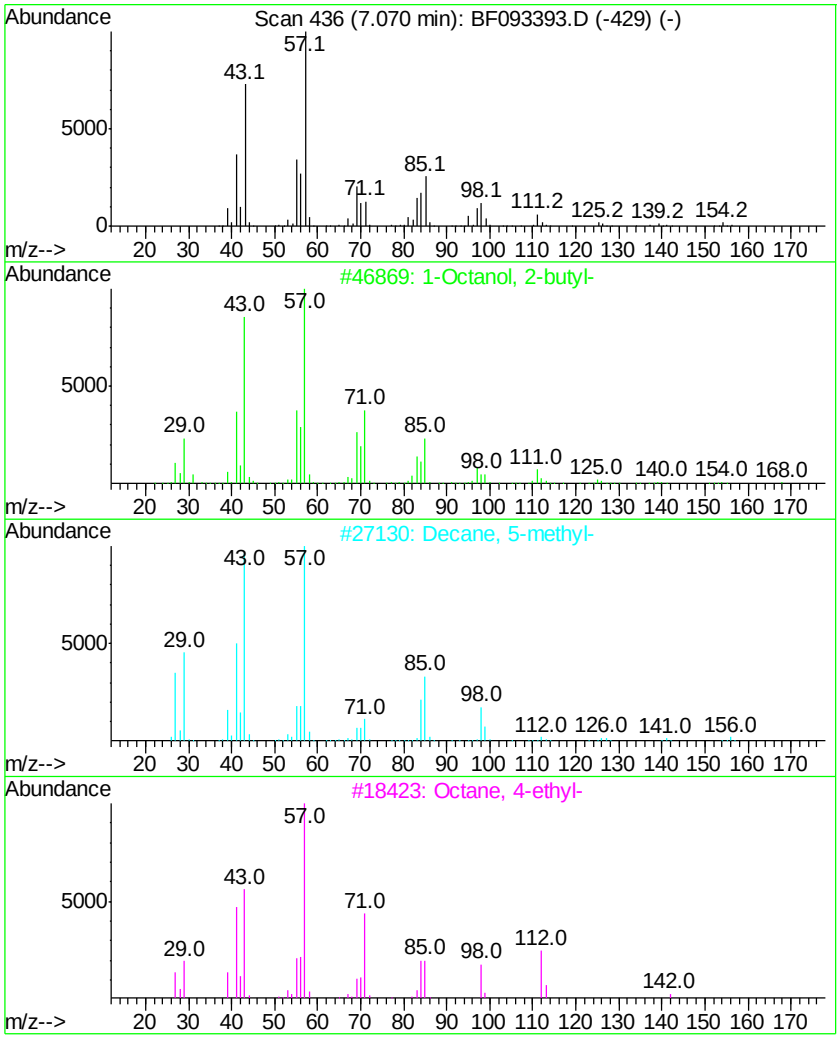
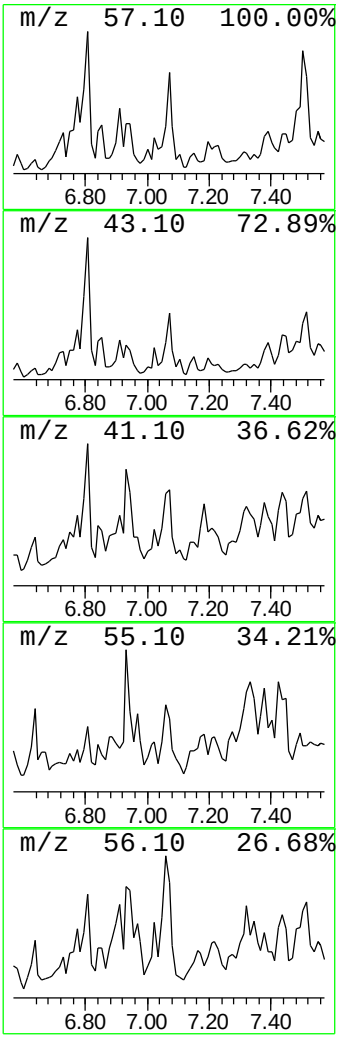
Peak Number 9 1-Octanol, 2-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	21.36 ng	9475540	1,4-Dichlorobenzene-d4	6.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	78
2	Decane, 5-methyl-	156	C11H24	013151-35-4	50
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	47
4	Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	47
5	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	46





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Operator : SJ/MA
Sample : I2056-17 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 16B-23

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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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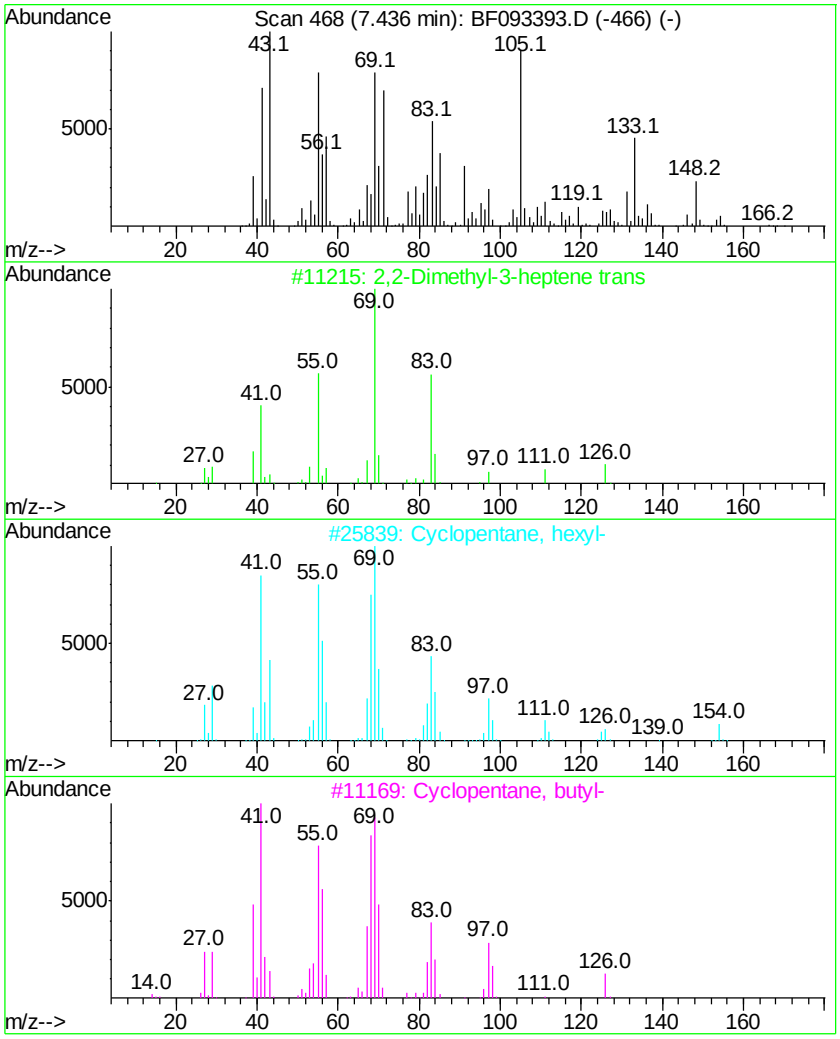
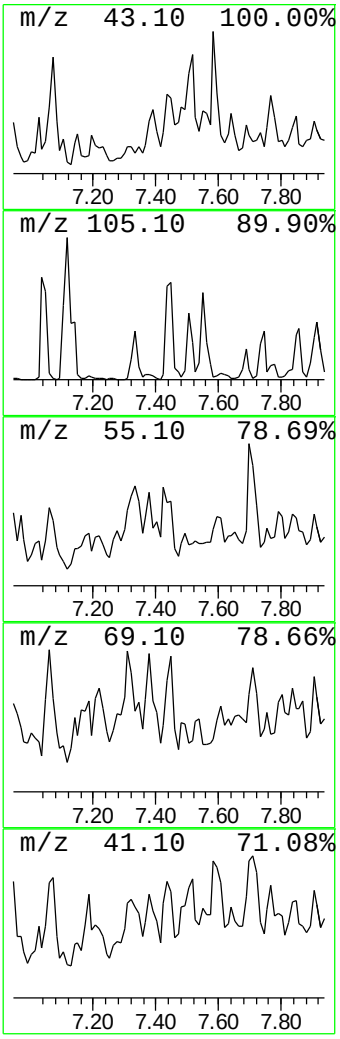
Peak Number 10 unknown7.44 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	12.05 ng	5756960	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	35
2	Cyclopentane, hexyl-	154	C11H22	004457-00-5	30
3	Cyclopentane, butyl-	126	C9H18	002040-95-1	30
4	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	27
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	22





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ClientSampleId : 16B-23

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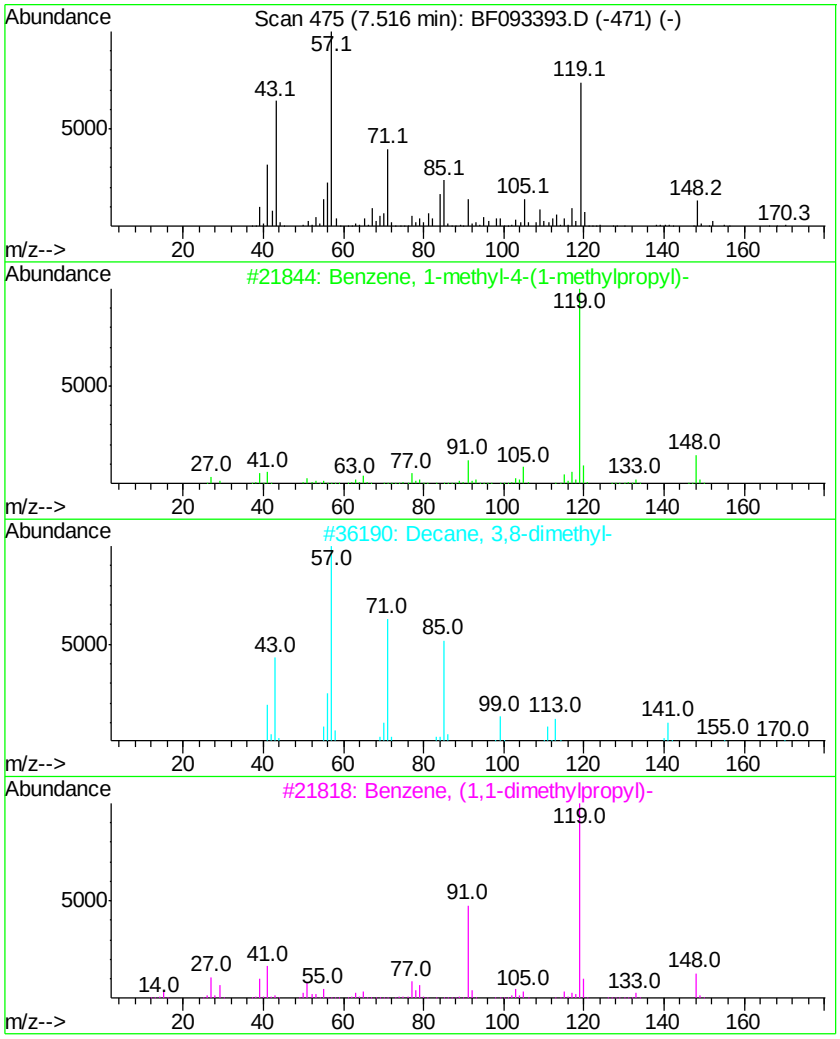
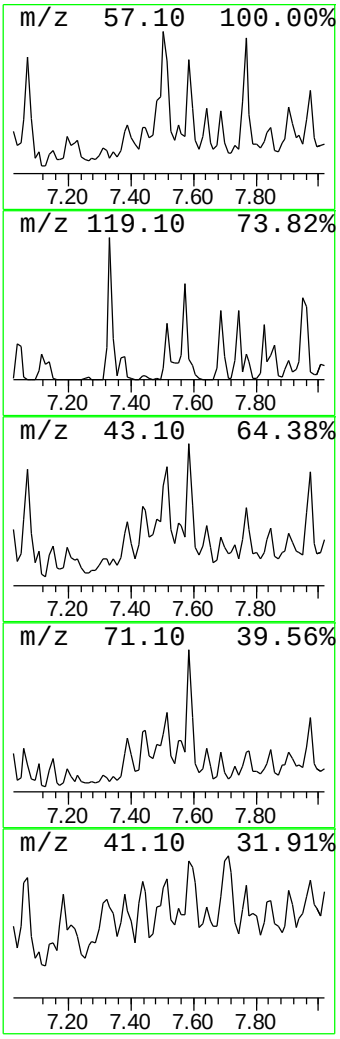
Peak Number 11 unknown7.52 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	12.76 ng	6094340	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	41
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	38
4	Tetradecane	198	C14H30	000629-59-4	35
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	35





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TIC Library : C:\DATABASE\NIST02.L
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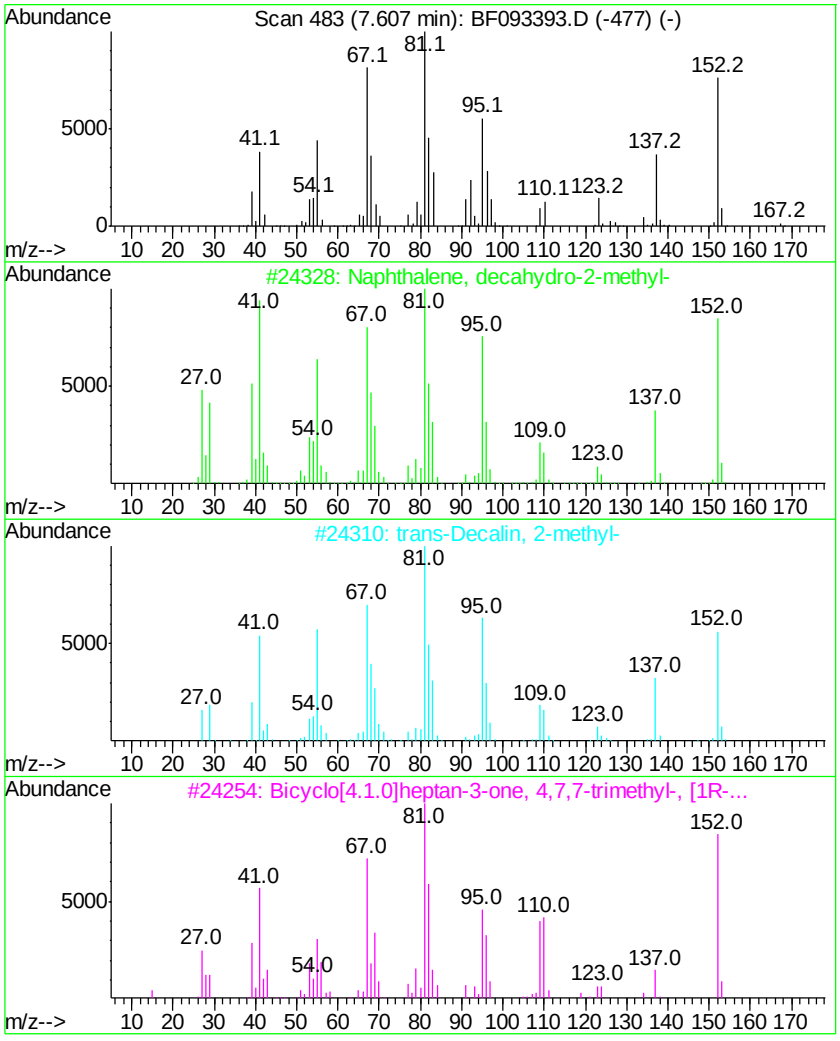
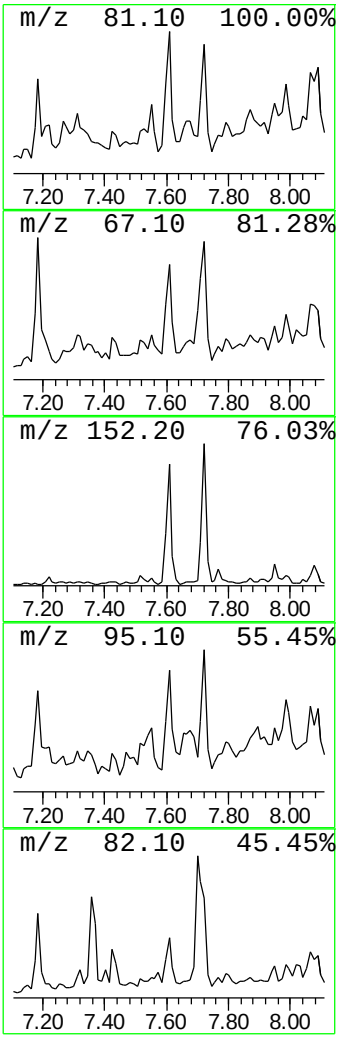
Peak Number 12 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	16.83 ng	8039310	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
3	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	83
4	Pulegone	152	C10H16O	000089-82-7	72
5	Cyclohexanone, 2-(2-methylpropyl...	152	C10H16O	043108-69-6	64





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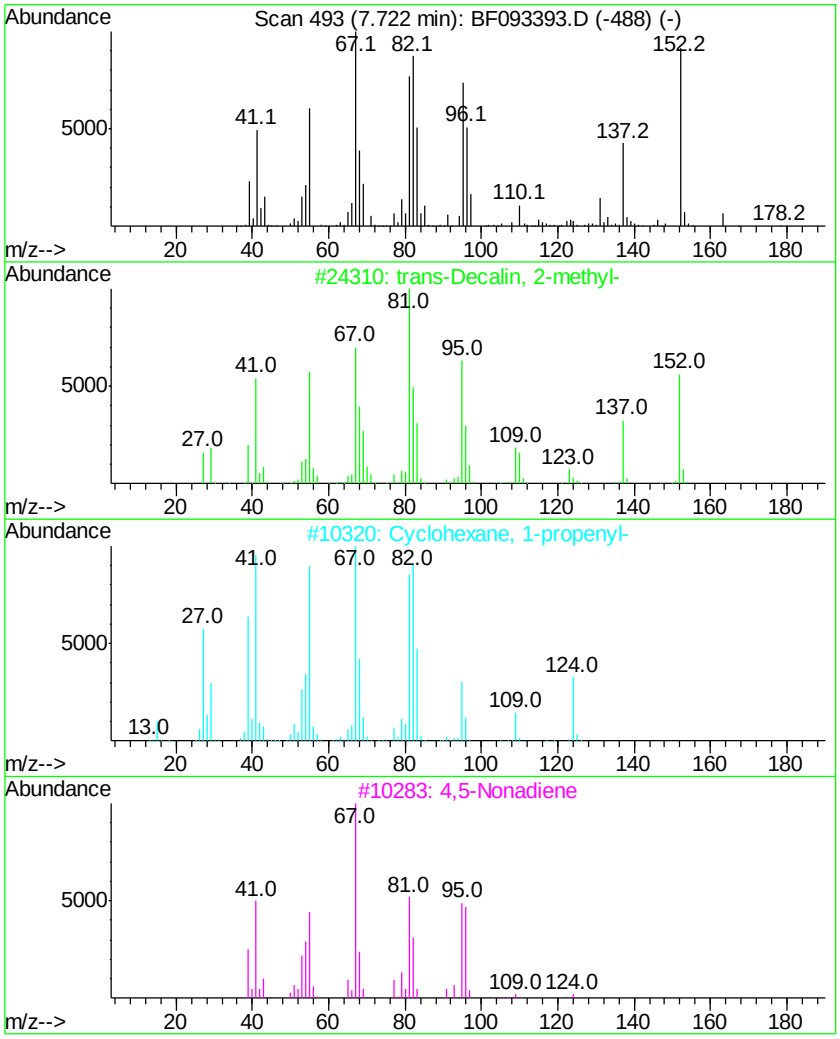
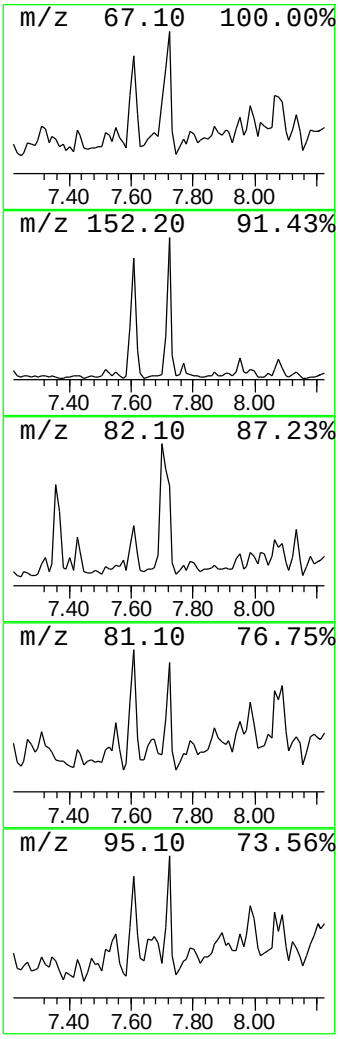
Peak Number 13 trans-Decalin, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	17.05 ng	8143190	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	62
2	Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	60
3	4,5-Nonadiene	124	C9H16	000821-74-9	49
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	47
5	Cyclohexanepropanol-	142	C9H18O	001124-63-6	46





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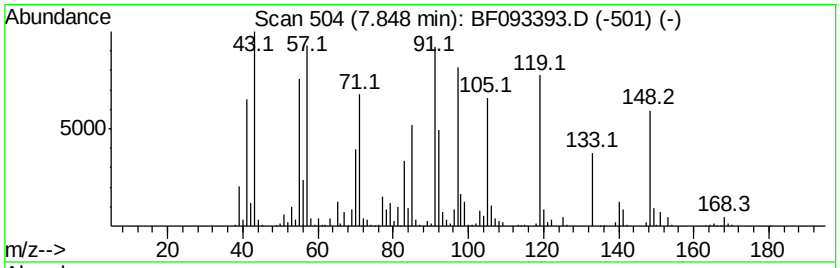
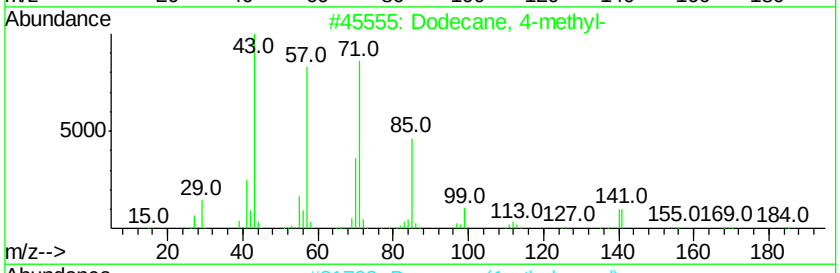
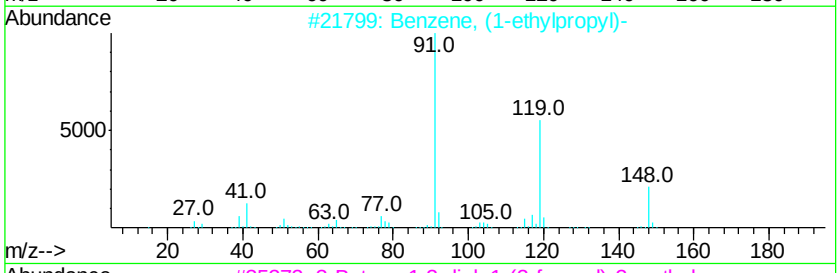
Peak Number 14 unknown7.85 Concentration Rank 15

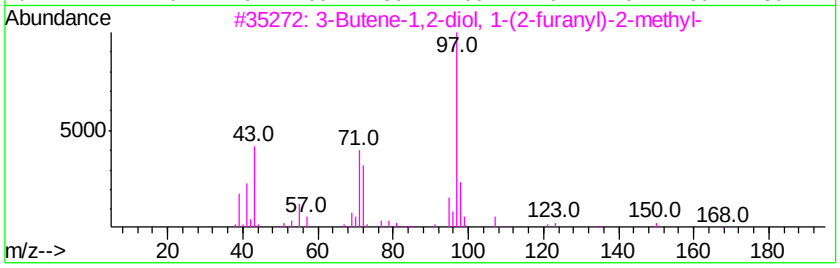
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	8.62 ng	4116040	Naphthalene-d8	8.09

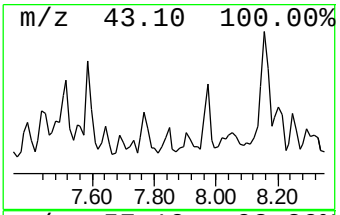
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	18
2	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	18
3	3-Butene-1,2-diol, 1-(2-furanyl)...	168	C9H12O3	018927-20-3	18
4	3-Amino-2-cyanopyridine	119	C6H5N3	042242-11-5	18
5	Pyridine, 2-fluoro-	97	C5H4FN	000372-48-5	14

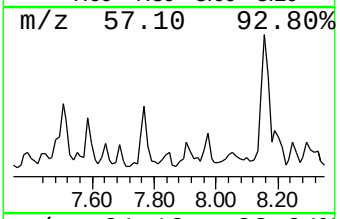


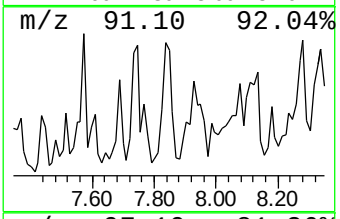


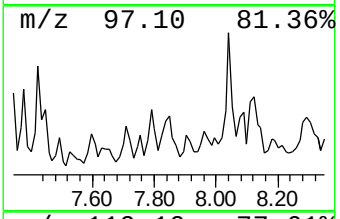


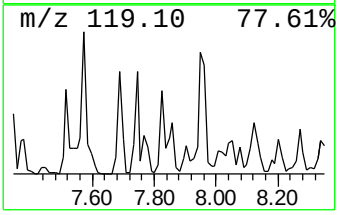












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Sample : I2056-17 2X
Misc :
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ClientSampleId : 16B-23

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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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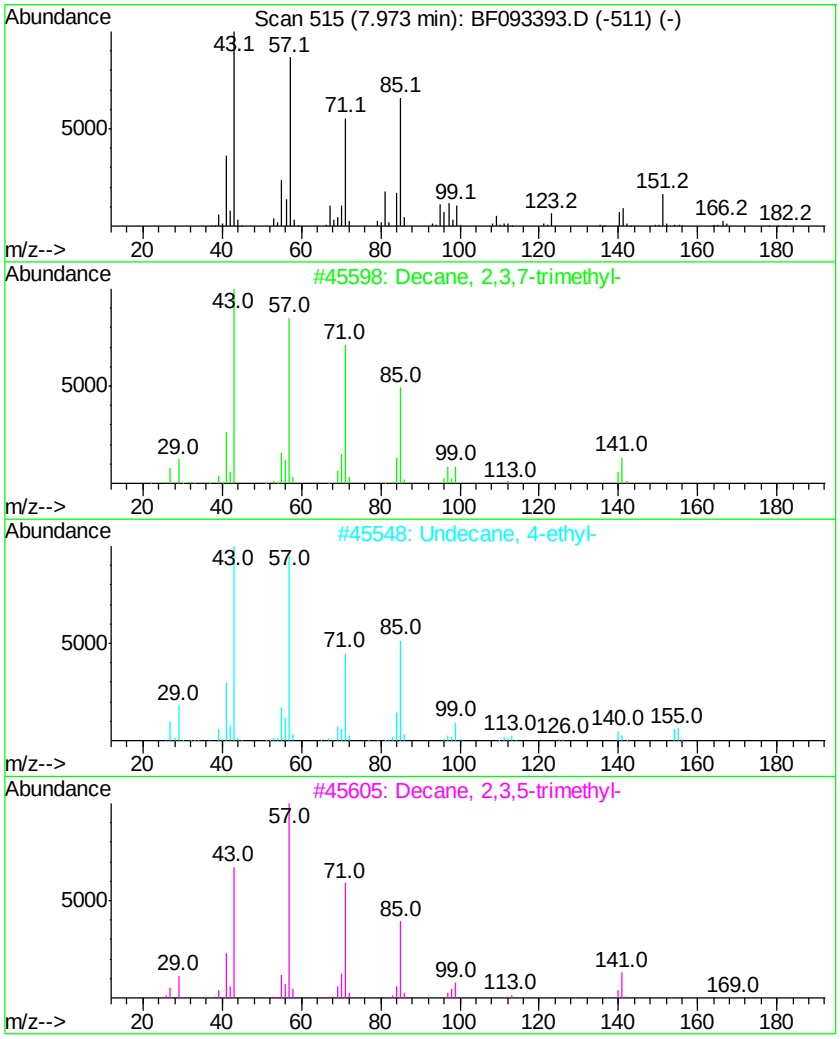
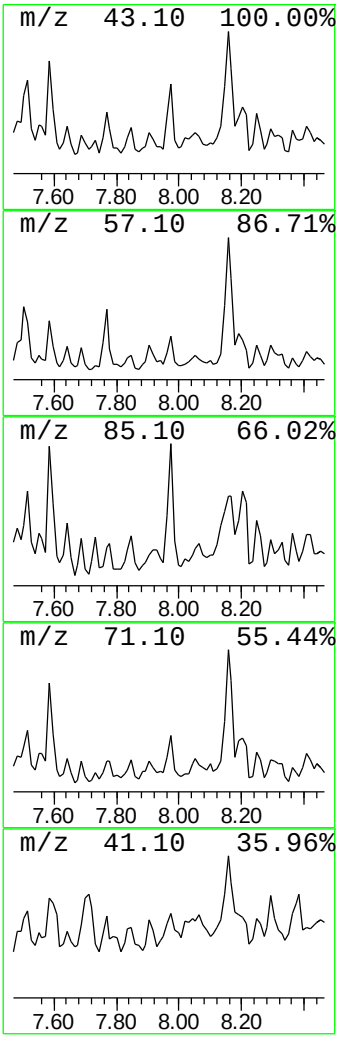
Peak Number 15 Decane, 2,3,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	10.61 ng	5067960	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	64
2	Undecane, 4-ethyl-	184	C13H28	017312-59-3	59
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50
4	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	47
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	47





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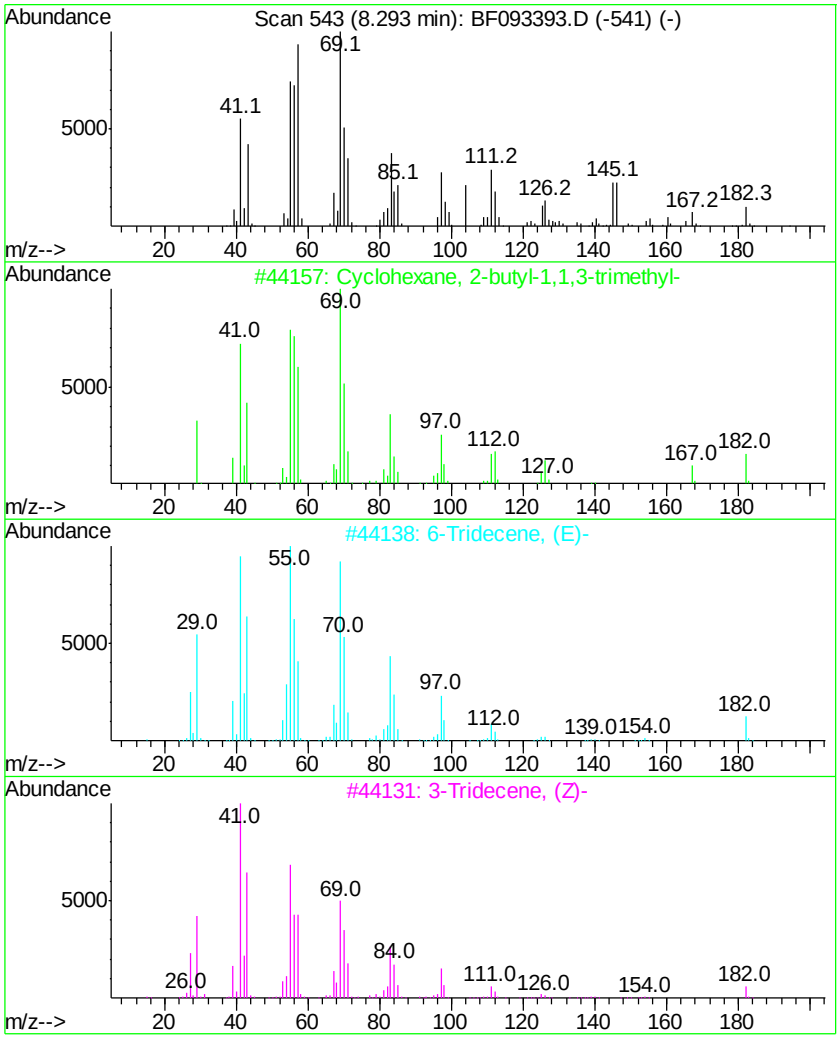
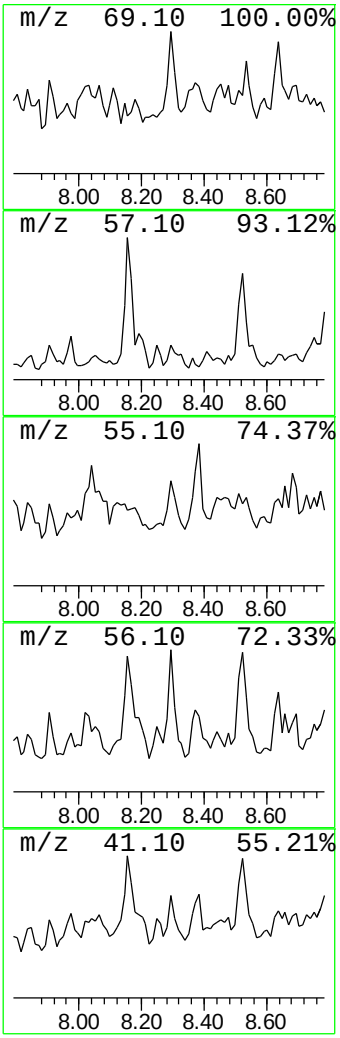
Peak Number 16 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	8.14 ng	3887770	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2	6-Tridecene, (E)-	182	C13H26	006434-76-0	64
3	3-Tridecene, (Z)-	182	C13H26	041446-53-1	58
4	1-Decene	140	C10H20	000872-05-9	55
5	3-Tridecene, (E)-	182	C13H26	041446-57-5	52





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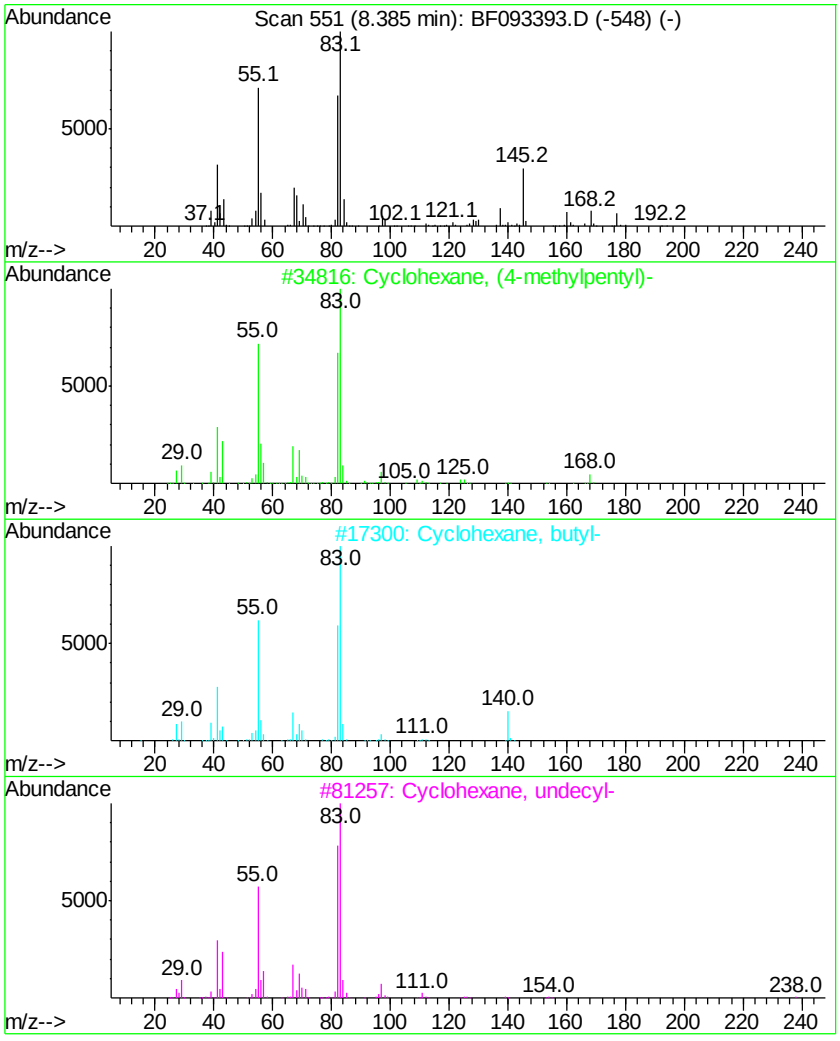
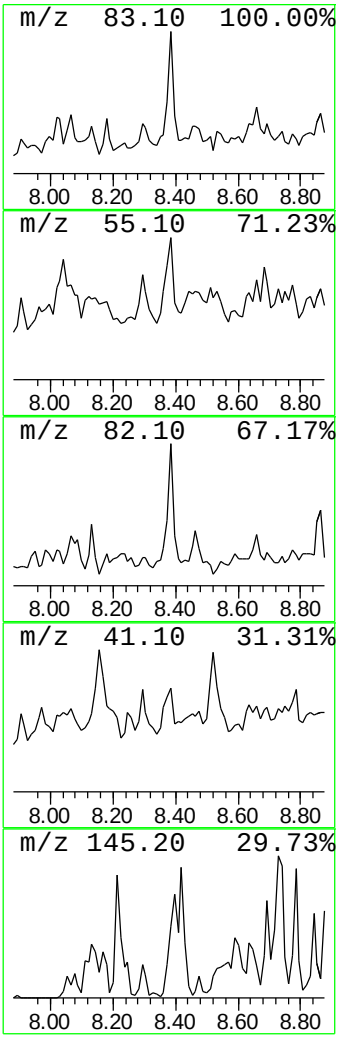
Peak Number 17 Cyclohexane, (4-methylpentyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	7.42 ng	3544500	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	68
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	59
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
5	n-Amylcyclohexane	154	C11H22	029949-27-7	59





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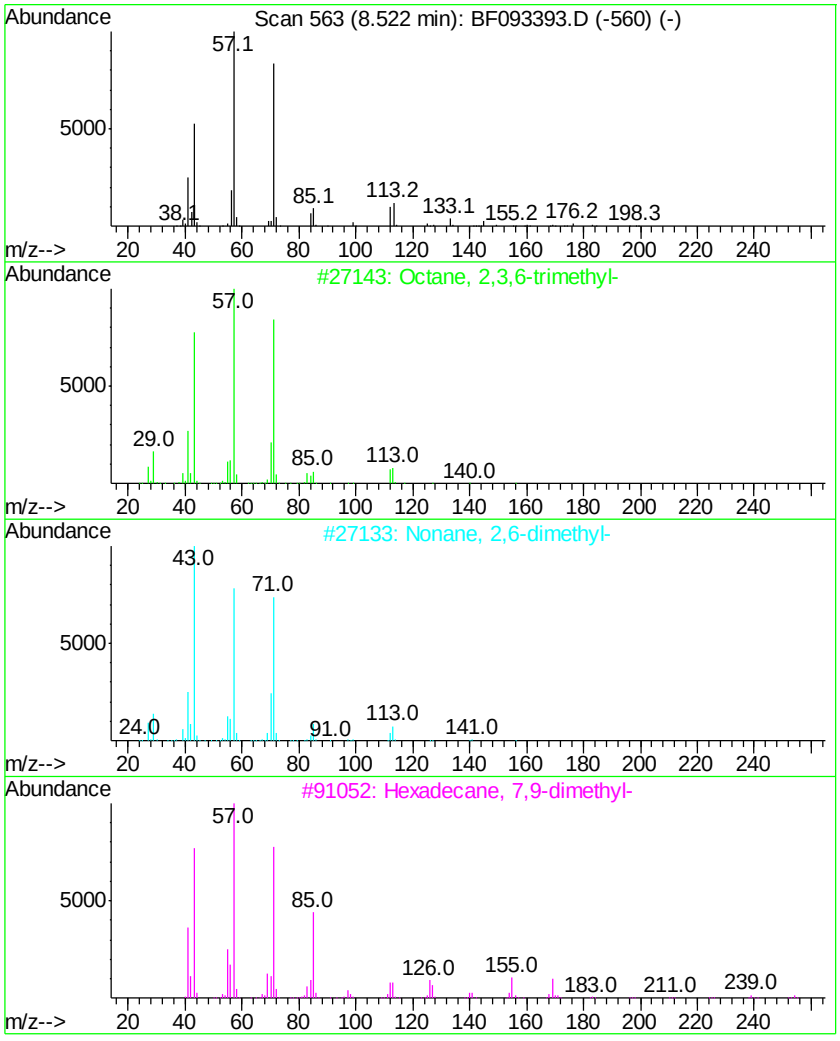
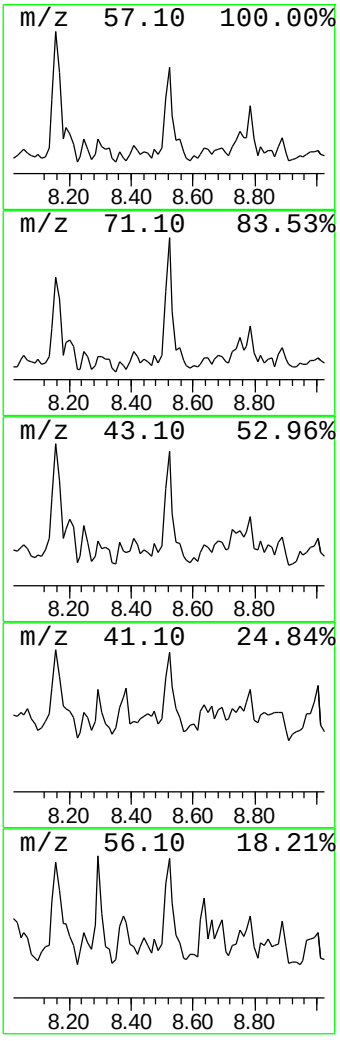
Peak Number 18 Octane, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	13.74 ng	6563500	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	83
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	78
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
4	Decane, 2-methyl-	156	C11H24	006975-98-0	72
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72





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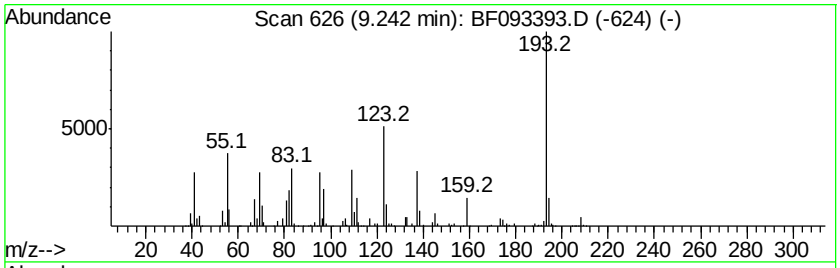
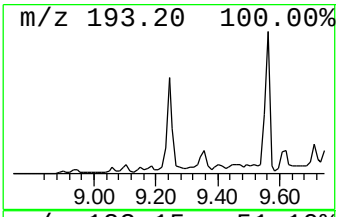
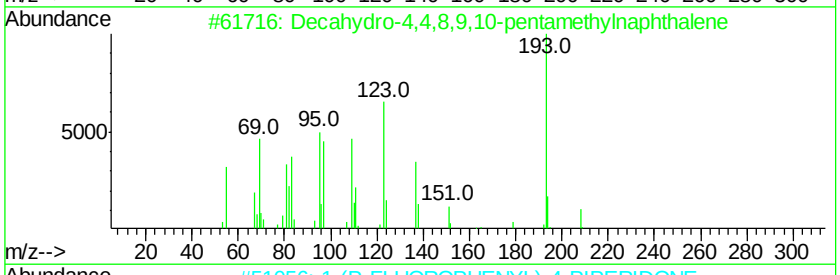
Peak Number 19 Decahydro-4,4,8,9,10-pentam... Concentration Rank 2

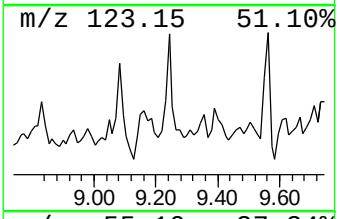
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	20.00 ng	3854460	Acenaphthene-d10	9.85

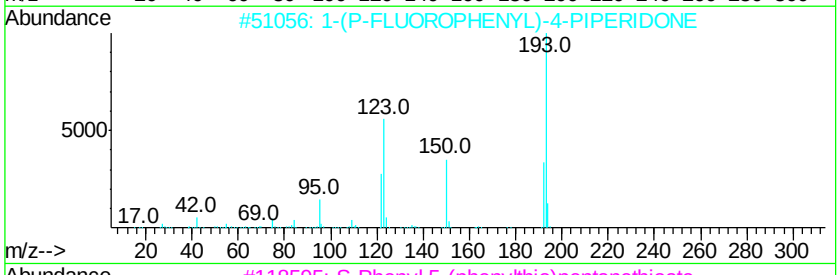
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	58
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	50
3	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	40
4	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	35
5	2-Anthracenamine	193	C14H11N	000613-13-8	35

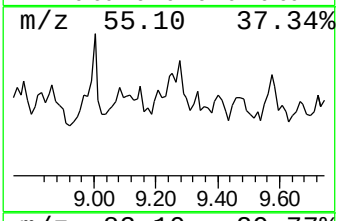


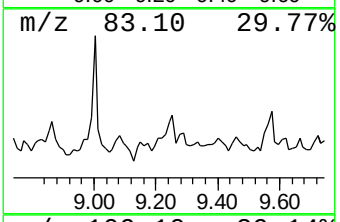


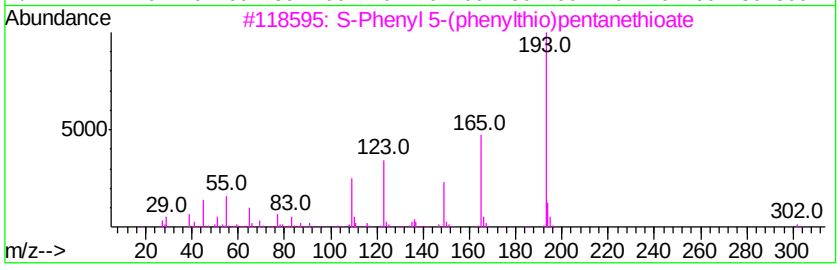


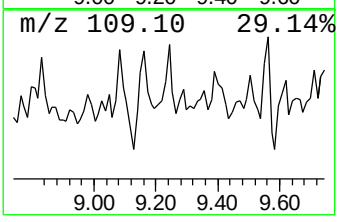












Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093393.D
Acq On : 4 Mar 2017 8:54
Operator : SJ/MA
Sample : I2056-17 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 16B-23

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

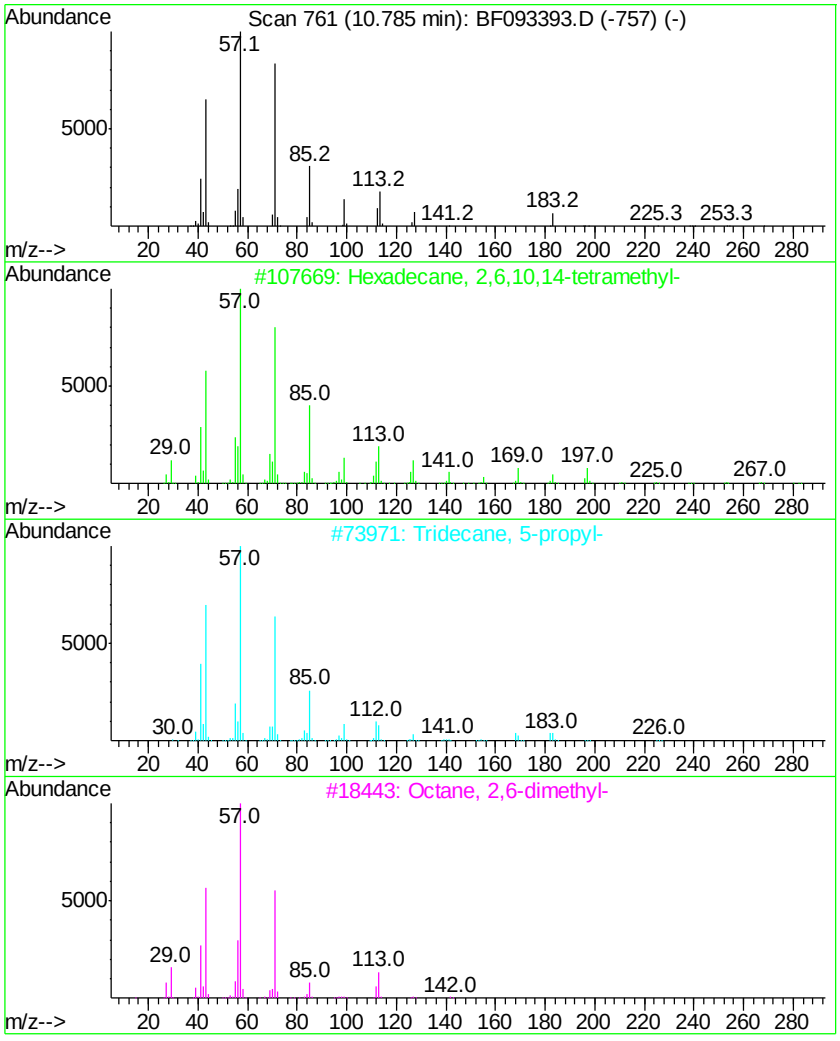
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

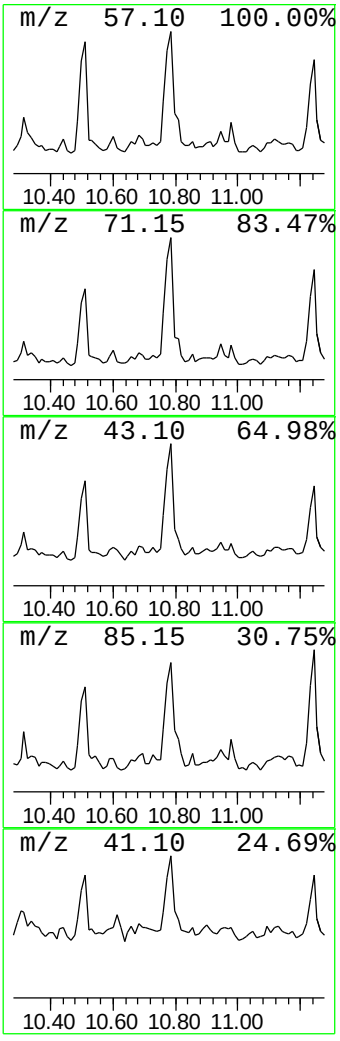
****

Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	20.00 ng	3945510	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
Data File : BF093393.D
Acq On : 4 Mar 2017 8:54
Operator : SJ/MA
Sample : I2056-17 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 16B-23

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
7-Methylbicyclo[4...	5.90	8.6	ng	3812950	1	6.78	8873300	20.0
Octane, 2,6-dimet...	6.01	15.5	ng	6877520	1	6.78	8873300	20.0
unknown6.20	6.20	14.0	ng	6222810	1	6.78	8873300	20.0
2-Nonene, 2-methyl-	6.29	10.7	ng	4731660	1	6.78	8873300	20.0
Cyclohexane, 1-me...	6.52	12.7	ng	5629040	1	6.78	8873300	20.0
unknown6.56	6.56	7.3	ng	3225780	1	6.78	8873300	20.0
1-Octanol, 2-butyl-	7.07	21.4	ng	9475540	1	6.78	8873300	20.0
unknown7.44	7.44	12.1	ng	5756960	2	8.09	9551520	20.0
unknown7.52	7.52	12.8	ng	6094340	2	8.09	9551520	20.0
Naphthalene, deca...	7.61	16.8	ng	8039310	2	8.09	9551520	20.0
trans-Decalin, 2-...	7.72	17.1	ng	8143190	2	8.09	9551520	20.0
unknown7.85	7.85	8.6	ng	4116040	2	8.09	9551520	20.0
Decane, 2,3,7-tri...	7.97	10.6	ng	5067960	2	8.09	9551520	20.0
Cyclohexane, 2-bu...	8.29	8.1	ng	3887770	2	8.09	9551520	20.0
Cyclohexane, (4-m...	8.38	7.4	ng	3544500	2	8.09	9551520	20.0
Octane, 2,3,6-tri...	8.52	13.7	ng	6563500	2	8.09	9551520	20.0
Decahydro-4,4,8,9...	9.24	20.0	ng	3854460	3	9.85	3854460	20.0
Hexadecane, 2,6,1...	10.78	20.0	ng	3945510	4	11.33	3945510	20.0