LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093310.D
Acq On : 2 Mar 2017 00:56
Operator : SJ/MA
Sample : I2002-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-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	3.916	155	160	163	rBV2	189412	390190	2.63%	0.269%
2	3.973	163	165	170	rVB	127288	217372	1.47%	0.150%
3	4.087	170	175	178	rBV2	104029	210943	1.42%	0.145%
4	4.156	178	181	185	rVB	101801	188054	1.27%	0.130%
5	4.304	191	194	200	rVB2	410198	714829	4.82%	0.493%
6	4.419	200	204	208	rBV	186457	282395	1.91%	0.195%
7	4.590	216	219	222	rBV2	94182	163935	1.11%	0.113%
8	4.647	222	224	226	rBV	229765	303680	2.05%	0.209%
9	4.761	230	234	237	rBV	784002	1396880	9.42%	0.963%
10	4.864	239	243	246	rVB3	826446	1693534	11.43%	1.167%
11	4.933	246	249	257	rVB2	1394339	3665414	24.73%	2.526%
12	5.070	257	261	265	rVB	342820	654645	4.42%	0.451%
13	5.150	265	268	278	rVB	2231995	4342000	29.29%	2.993%
14	5.321	278	283	285	rBV2	490653	1191428	8.04%	0.821%
15	5.356	285	286	288	rVB2	188709	255995	1.73%	0.176%
16	5.401	288	290	292	rBV	2157677	2760806	18.63%	1.903%
17	5.447	292	294	297	rVB	907937	1316059	8.88%	0.907%
18	5.539	299	302	304	rBV	1456323	2691406	18.16%	1.855%
19	5.584	304	306	308	rVB	954131	1167755	7.88%	0.805%
20	5.619	308	309	314	rVB2	1334092	2807042	18.94%	1.935%
21	5.699	314	316	321	rVB	680067	1004615	6.78%	0.692%
22	5.802	321	325	327	rBV2	2808137	6179944	41.69%	4.260%
23	5.847	327	329	331	rBV2	718442	1153571	7.78%	0.795%
24	5.939	334	337	340	rBV2	2458321	4075746	27.50%	2.809%
25	6.007	340	343	344	rBV2	876861	1848132	12.47%	1.274%
26	6.053	344	347	350	rBV3	4607743	12811689	86.44%	8.831%
27	6.110	350	352	361	rVB3	4207680	14822106	100.00%	10.216%
28	6.247	361	364	369	rBV2	3069167	9722825	65.60%	6.702%
29	6.339	369	372	378	rBV3	4114695	14346141	96.79%	9.888%
30	6.464	380	383	386	rBV3	2641318	6610975	44.60%	4.557%
31	6.590	388	394	399	rBV6	2856923	11247728	75.88%	7.753%
32	6.670	399	401	406	rVB3	1142422	2182171	14.72%	1.504%
33	6.807	406	413	418	rBV7	2057000	11784769	79.51%	8.123%
34	10.796	759	762	764	rVB2	2196945	3669496	24.76%	2.529%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093310.D
Acq On : 2 Mar 2017 00:56
Operator : SJ/MA
Sample : I2002-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	11.242	798	801	804	rVB3	2059641	3636454	24.53%	2.507%
36	11.345	808	810	812	rBV3	722745	1120232	7.56%	0.772%
37	11.585	829	831	836	rVB4	1025130	1986240	13.40%	1.369%
38	12.316	893	895	899	rVB2	545688	956510	6.45%	0.659%
39	12.396	900	902	903	rVB	361542	373764	2.52%	0.258%
40	12.556	914	916	917	rVB	672233	674429	4.55%	0.465%
41	12.785	933	936	939	rBV	810313	1286124	8.68%	0.886%
42	12.922	945	948	950	rVB	2019532	2199313	14.84%	1.516%
43	13.791	1022	1024	1029	rBV3	286644	766496	5.17%	0.528%
44	13.974	1037	1040	1044	rBV2	856988	1584264	10.69%	1.092%
45	15.345	1158	1160	1163	rVB	284456	380186	2.56%	0.262%
46	15.402	1163	1165	1167	rBV	426322	655768	4.42%	0.452%
47	16.031	1218	1220	1227	rVB	400409	896586	6.05%	0.618%
48	16.443	1253	1256	1262	rVB	289011	689566	4.65%	0.475%

Sum of corrected areas: 145080202

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Data File : BF093310.D
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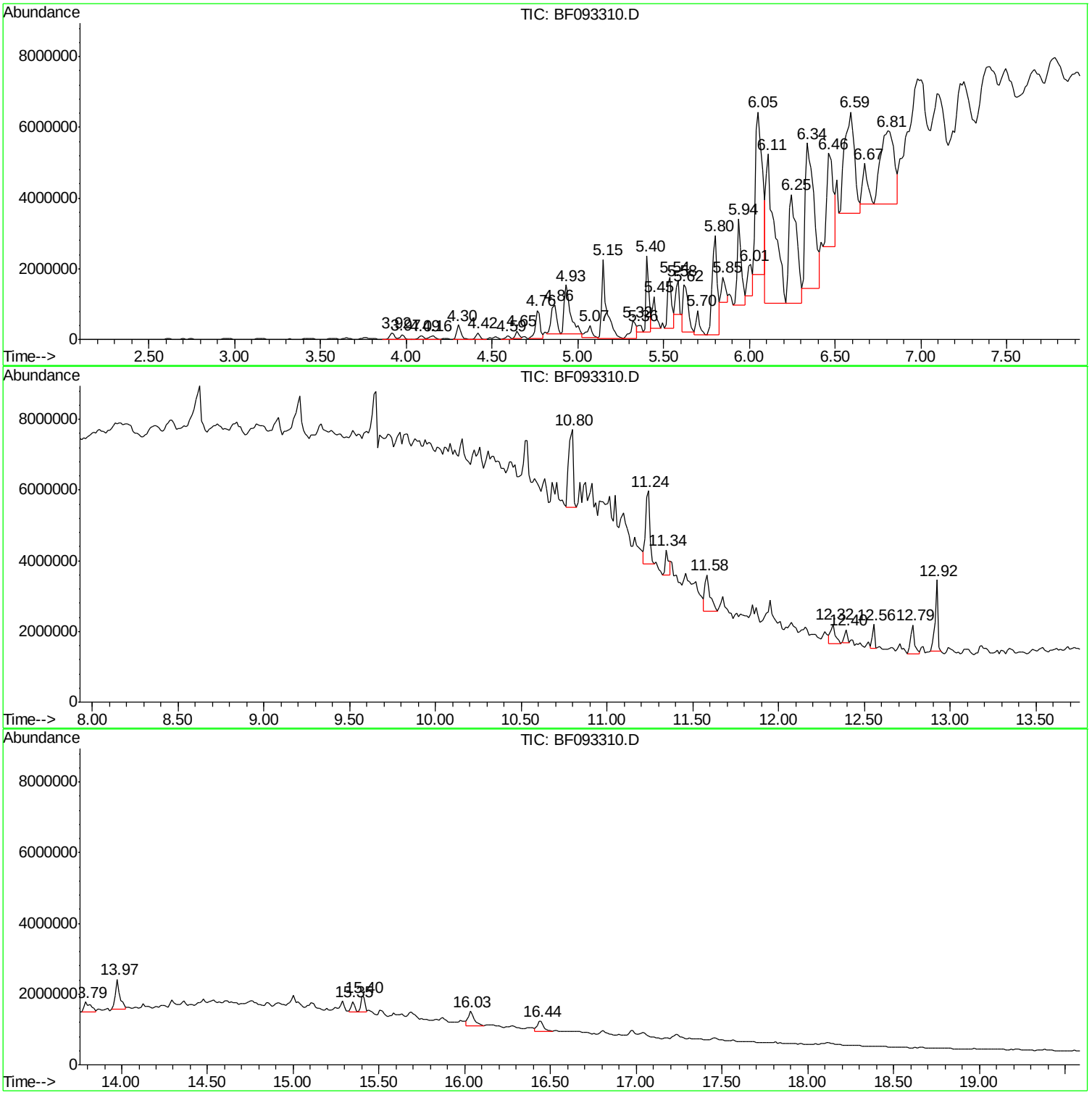
Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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\BF030117\
Data File : BF093310.D
Acq On : 2 Mar 2017 00:56
Operator : SJ/MA
Sample : I2002-03
Misc :
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Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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

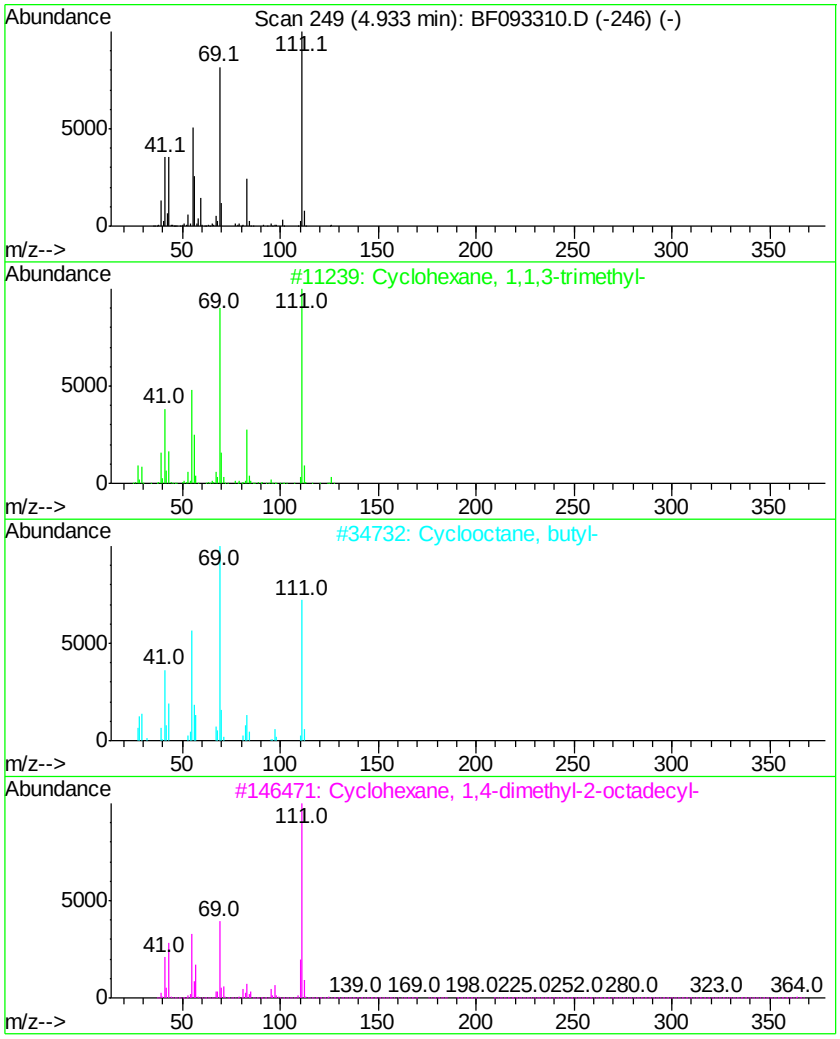
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

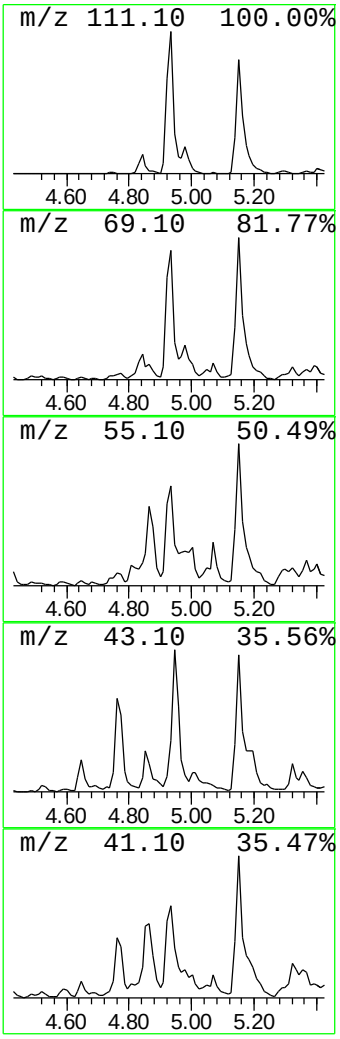
****

Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	6.22 ng	3665410	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	72
3	Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	72
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093310.D
Acq On : 2 Mar 2017 00:56
Operator : SJ/MA
Sample : I2002-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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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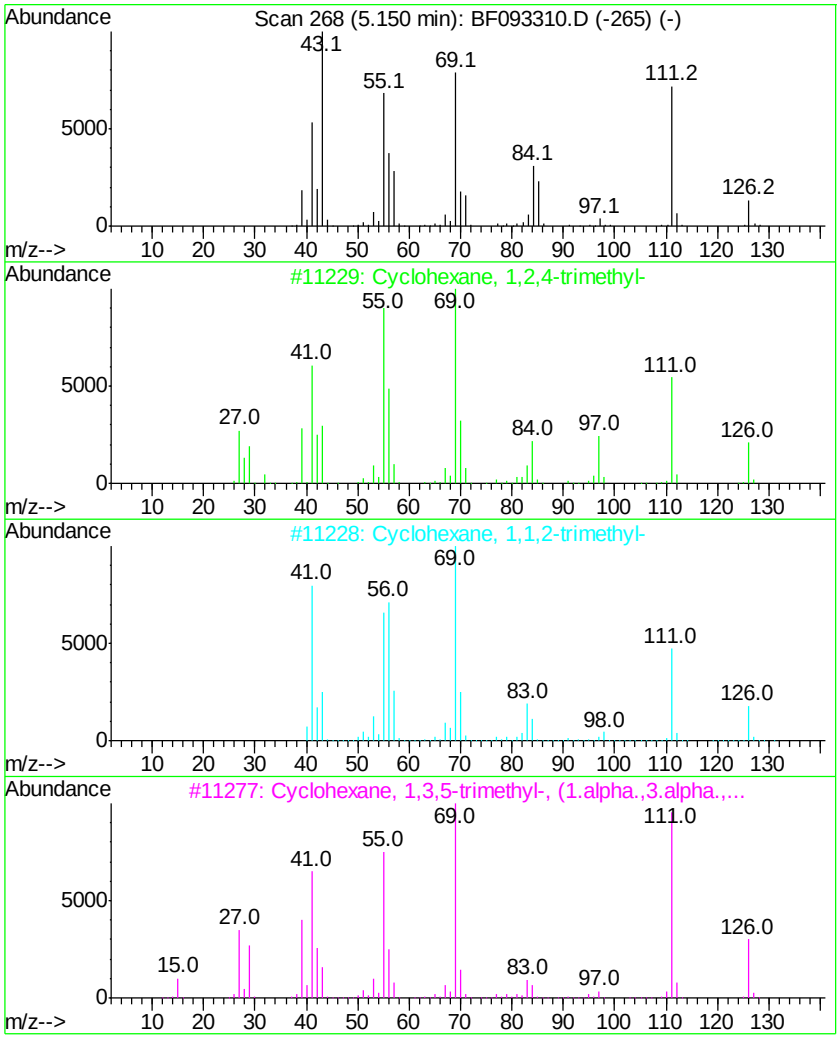
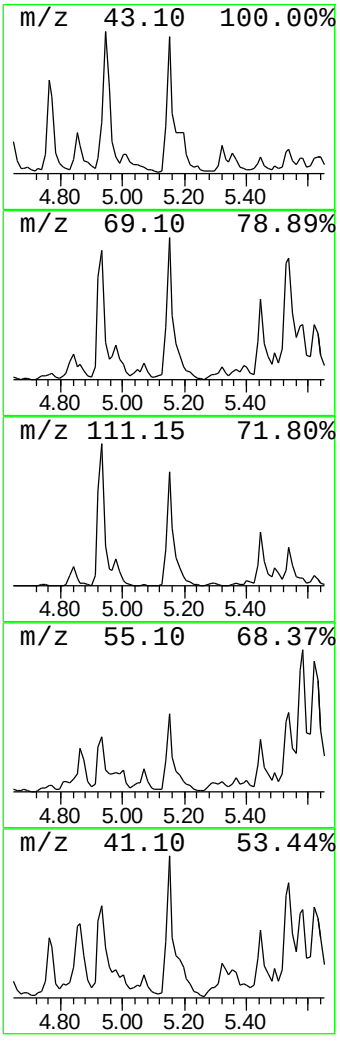
Peak Number 2 Cyclohexane, 1,2,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	7.37 ng	4342000	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	62
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	53
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	50
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093310.D
Acq On : 2 Mar 2017 00:56
Operator : SJ/MA
Sample : I2002-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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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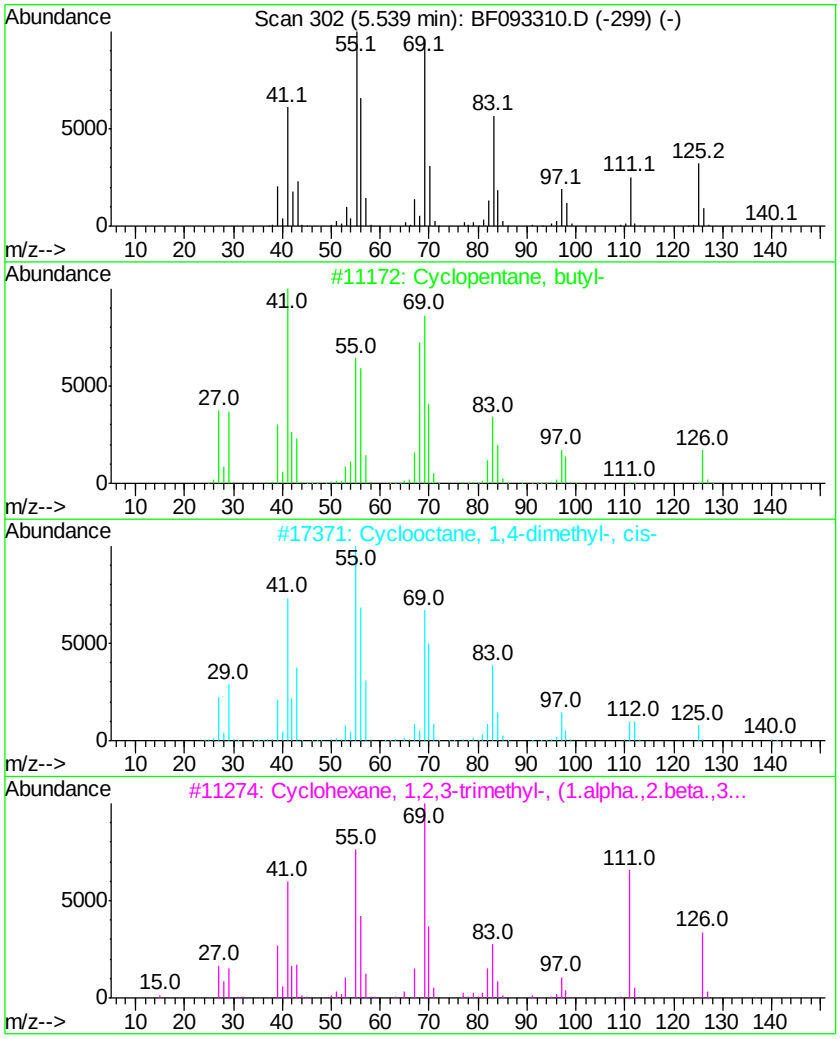
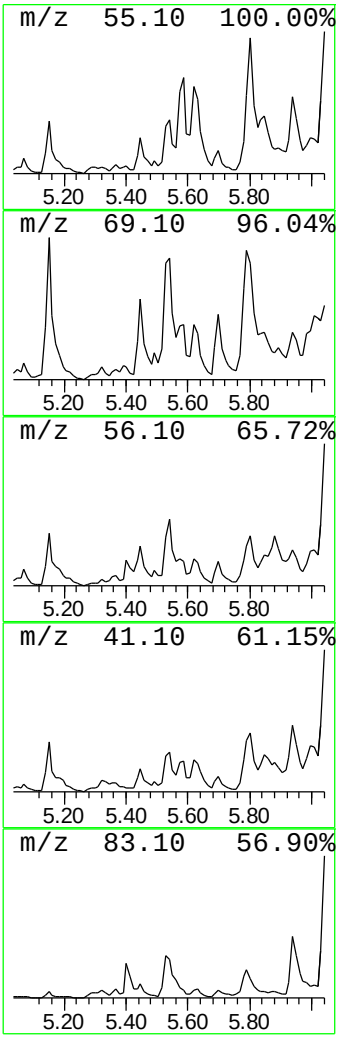
Peak Number 3 Cyclopentane, butyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	4.57 ng	2691410	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-	126	C9H18	002040-95-1	76
2	Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	68
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	68
4	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	49
5	2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093310.D
Acq On : 2 Mar 2017 00:56
Operator : SJ/MA
Sample : I2002-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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

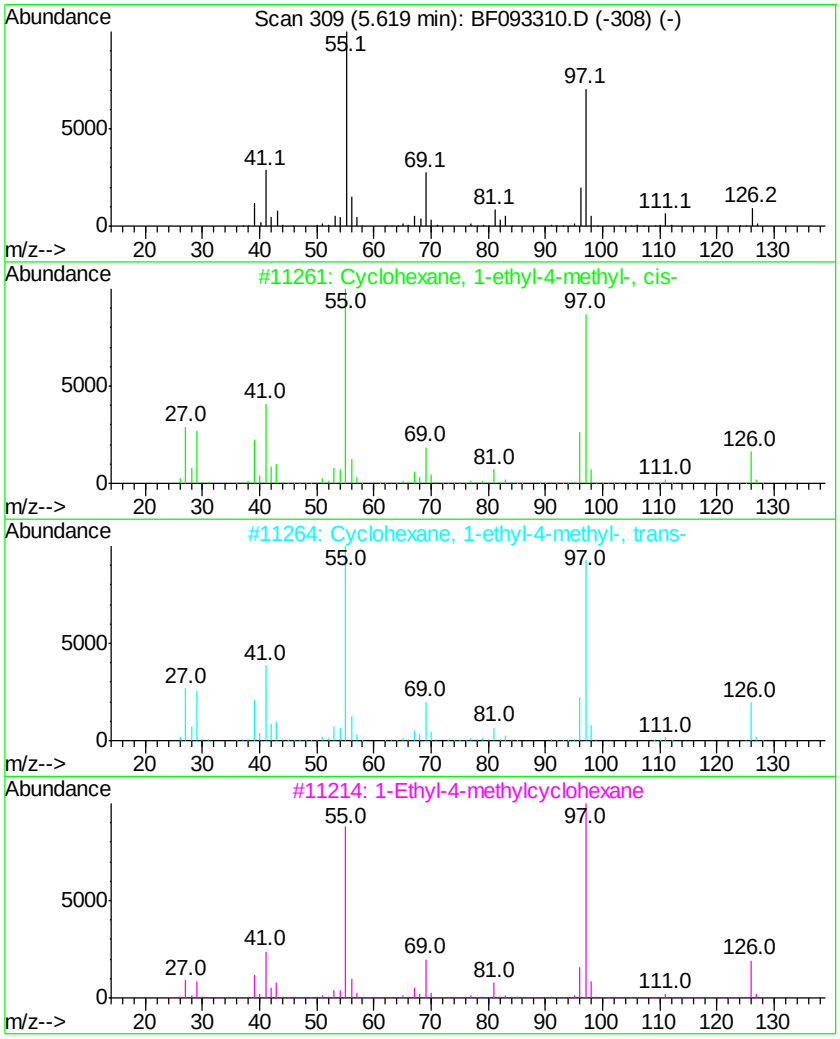
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

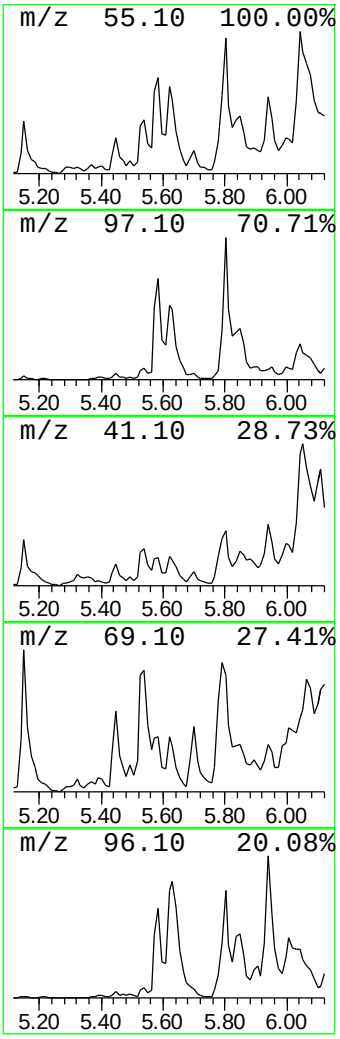
****

Peak Number 4 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	4.76 ng	2807040	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	81
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	59
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093310.D
Acq On : 2 Mar 2017 00:56
Operator : SJ/MA
Sample : I2002-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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

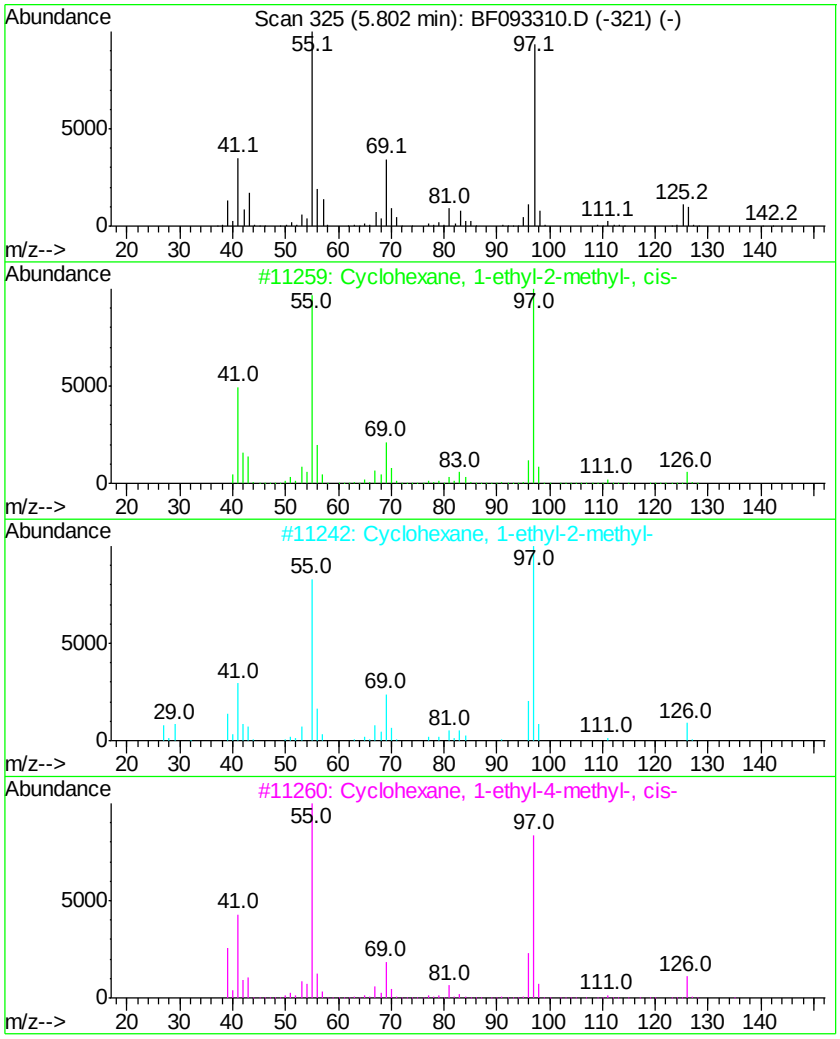
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

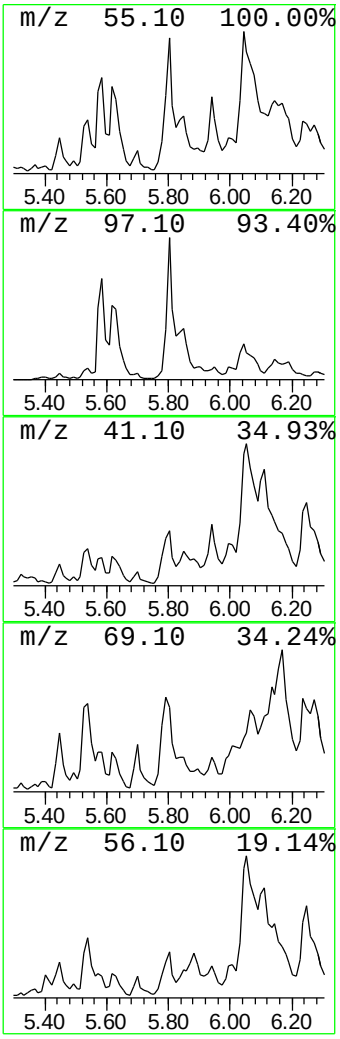
****

Peak Number 5 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	10.49 ng	6179940	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093310.D
Acq On : 2 Mar 2017 00:56
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Sample : I2002-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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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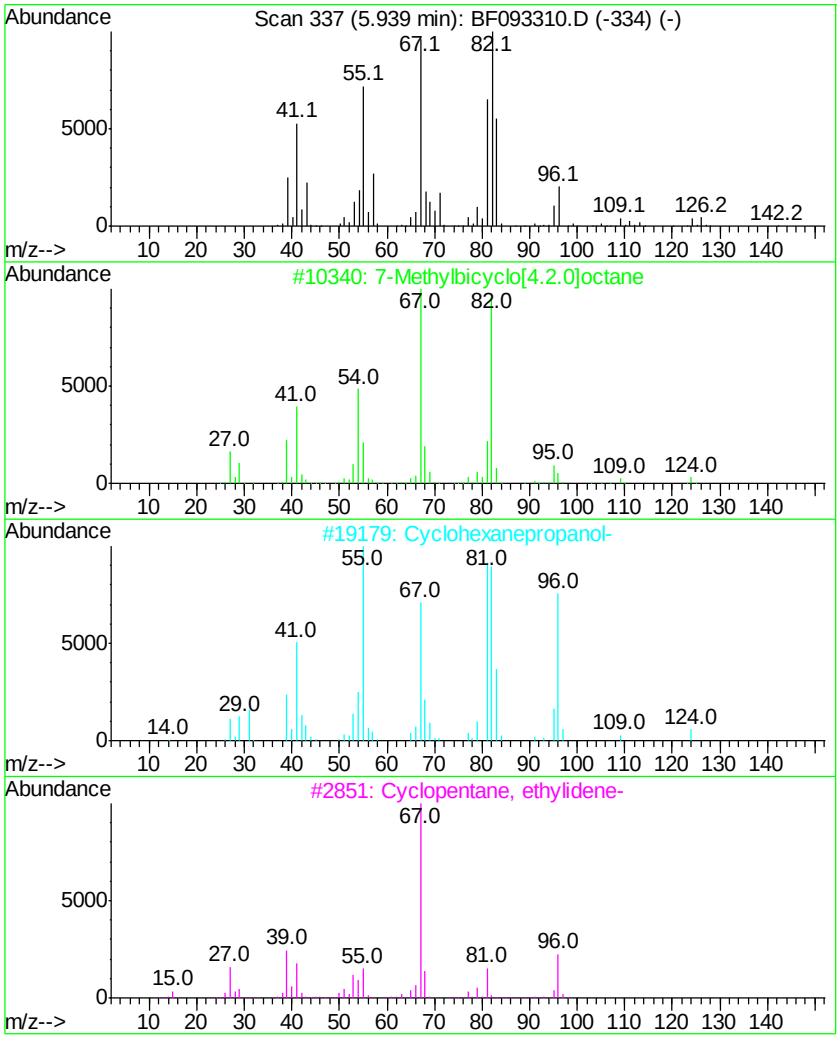
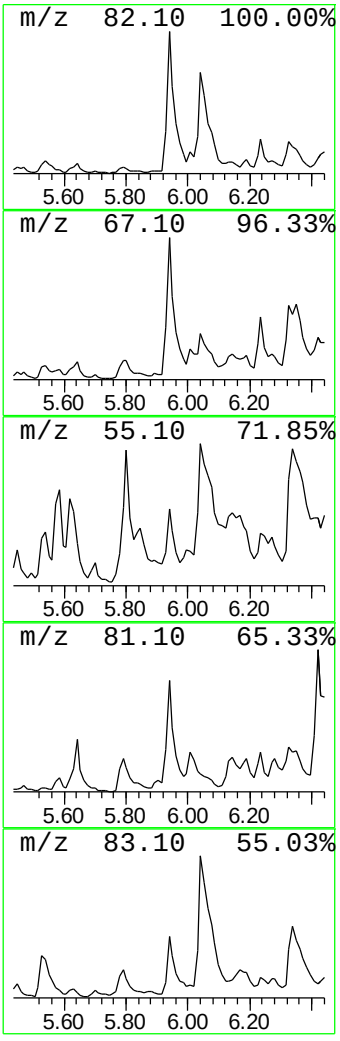
Peak Number 6 7-Methylbicyclo[4.2.0]octane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	6.92 ng	4075750	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	76
2	Cyclohexanepropanol-	142	C9H18O	001124-63-6	43
3	Cyclopentane, ethylidene-	96	C7H12	002146-37-4	38
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
5	Norbornane	96	C7H12	000279-23-2	35





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Operator : SJ/MA
Sample : I2002-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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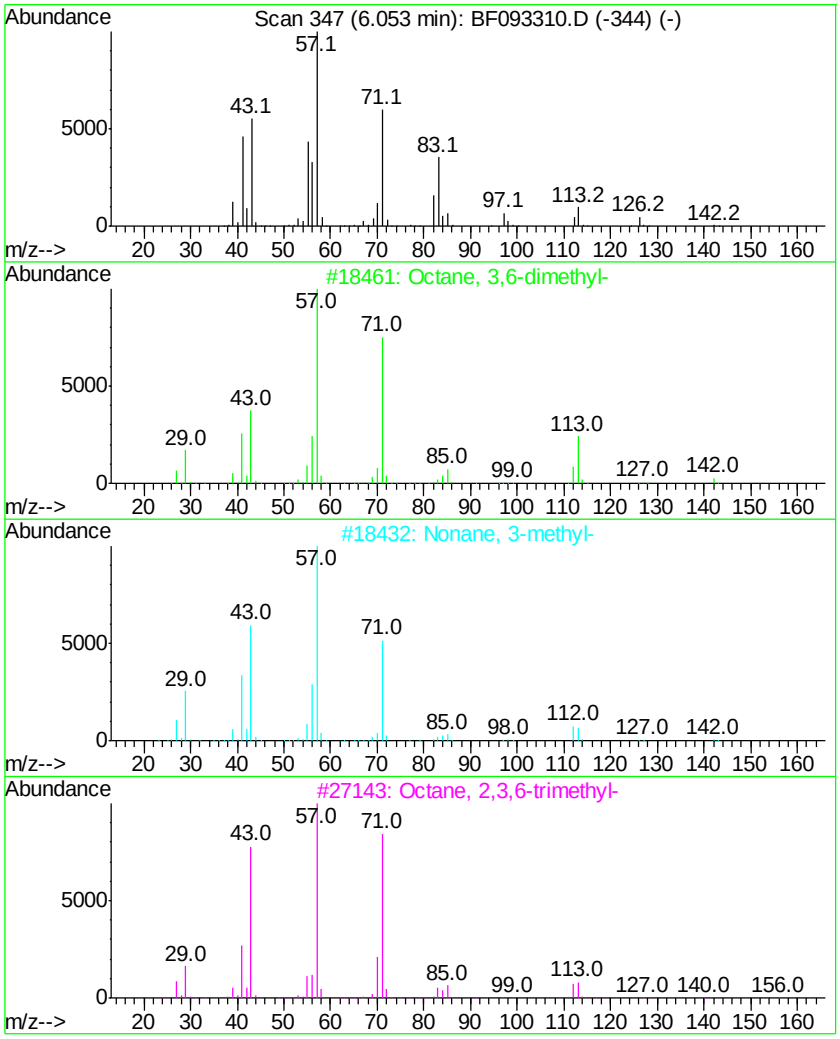
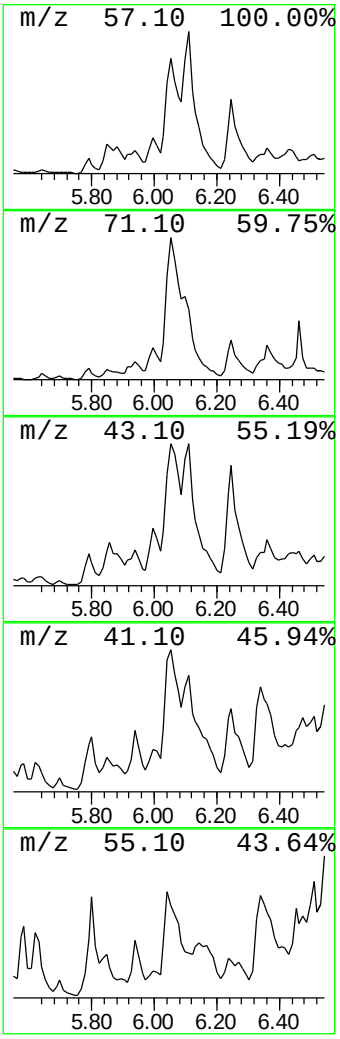
Peak Number 7 Octane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	21.74 ng	12811700	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	47
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093310.D
Acq On : 2 Mar 2017 00:56
Operator : SJ/MA
Sample : I2002-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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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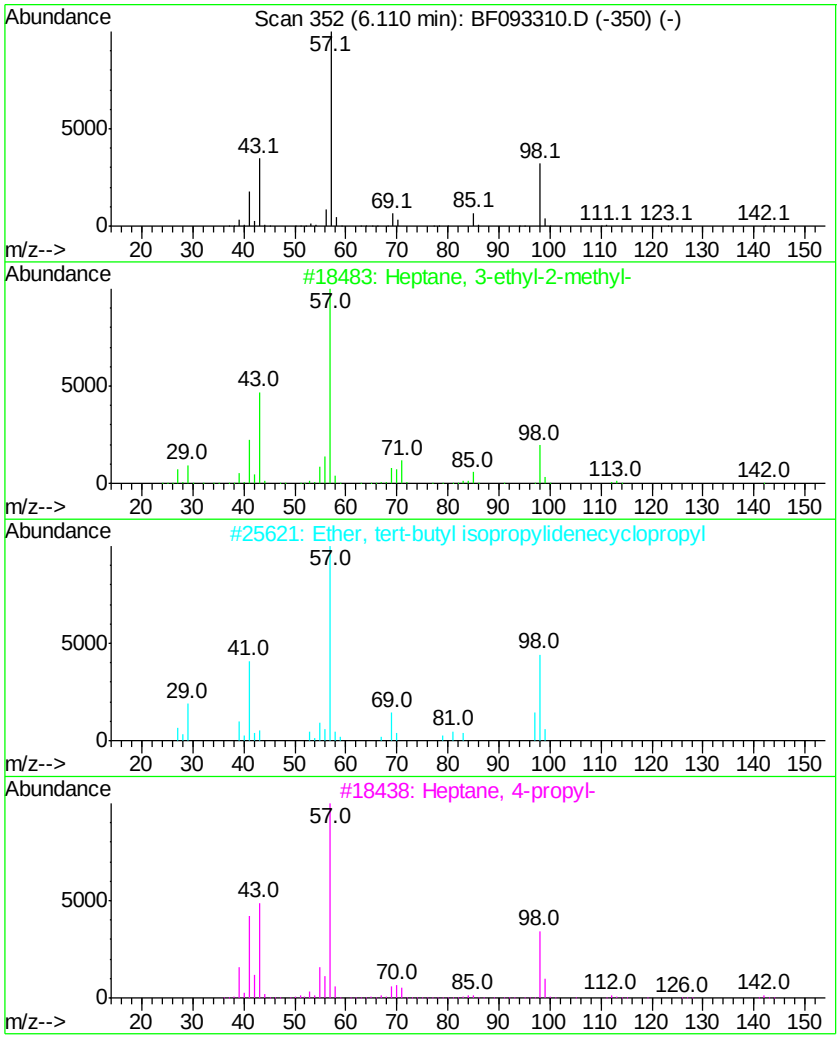
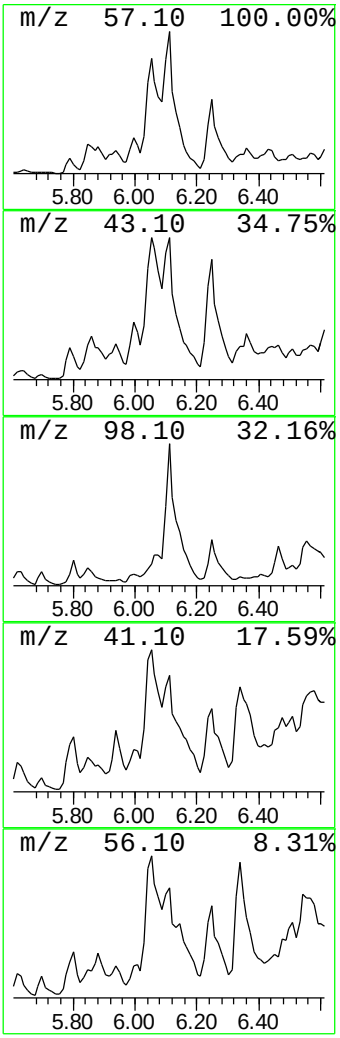
Peak Number 8 Heptane, 3-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	25.15 ng	14822100	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
2	Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	39
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	39
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	38
5	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	33





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Data File : BF093310.D
Acq On : 2 Mar 2017 00:56
Operator : SJ/MA
Sample : I2002-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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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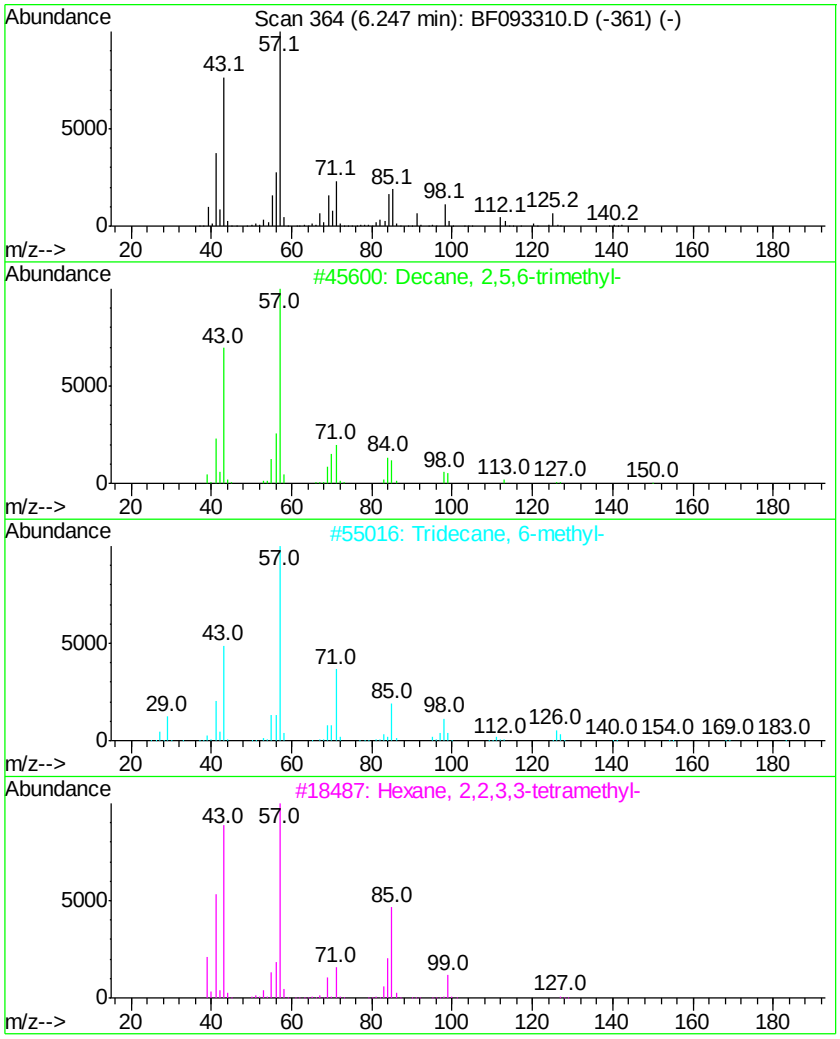
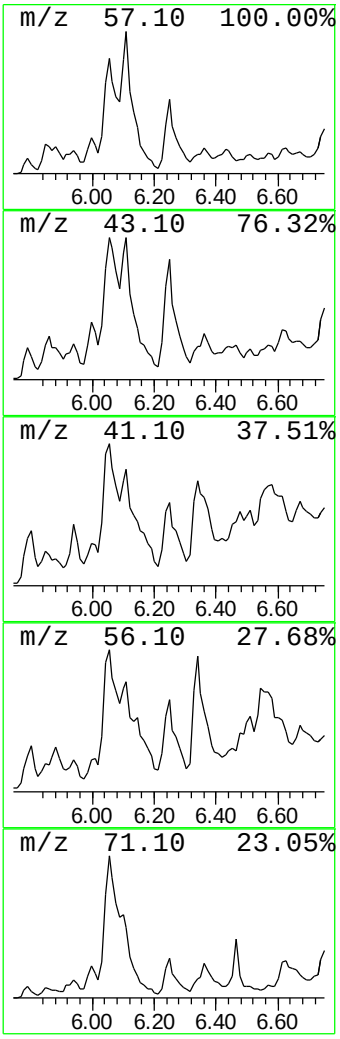
Peak Number 9 Decane, 2,5,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	16.50 ng	9722830	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	78
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
3	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	53
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	53
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	50





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Sample : I2002-03
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Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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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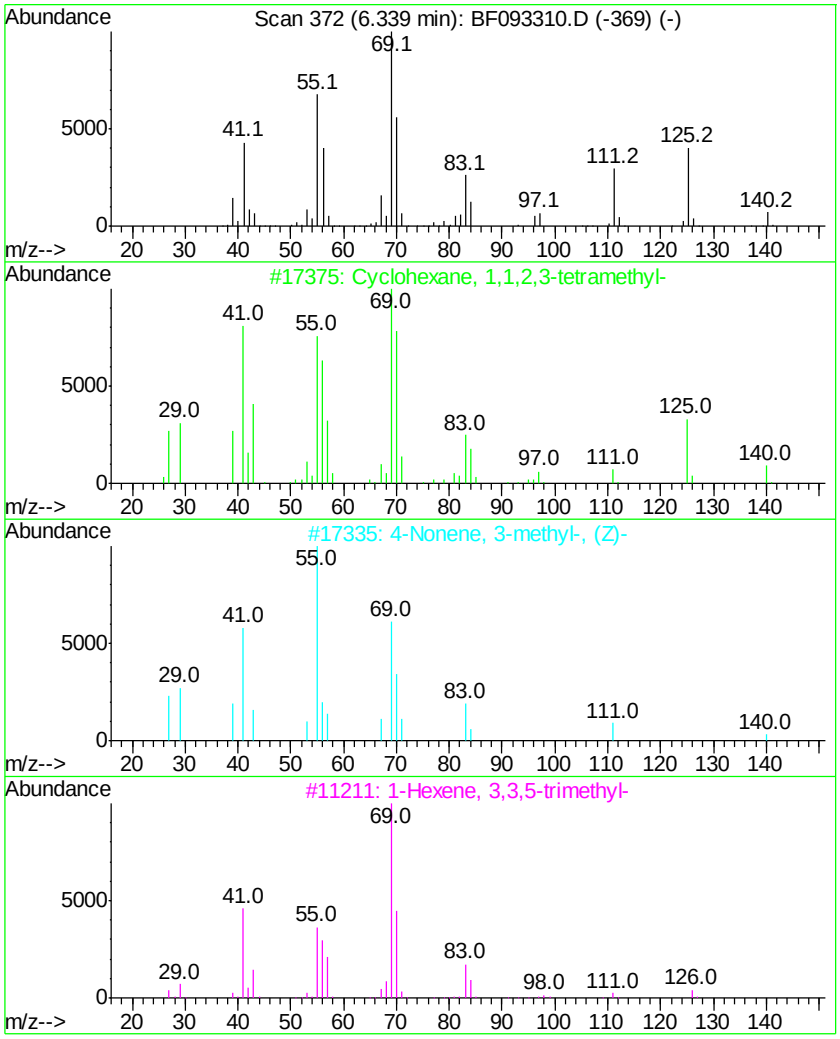
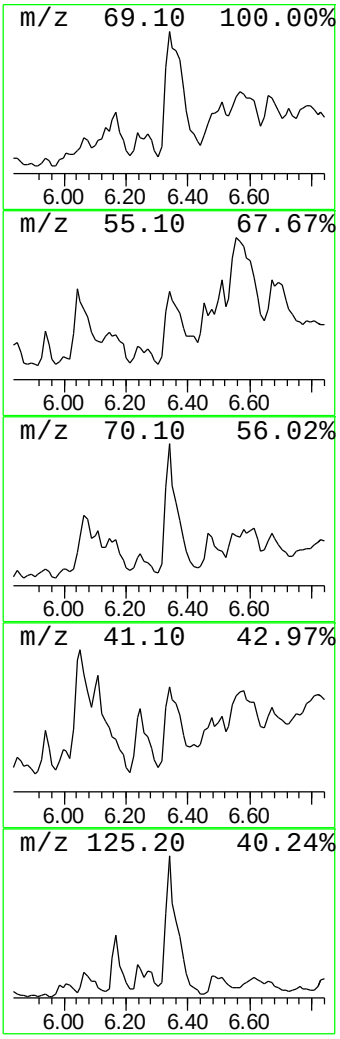
Peak Number 10 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	24.35 ng	14346100	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	62
2	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	59
3	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	58
4	Cyclooctane, methyl-	126	C9H18	001502-38-1	43
5	Heptane, 4-methylene-	112	C8H16	015918-08-8	38





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Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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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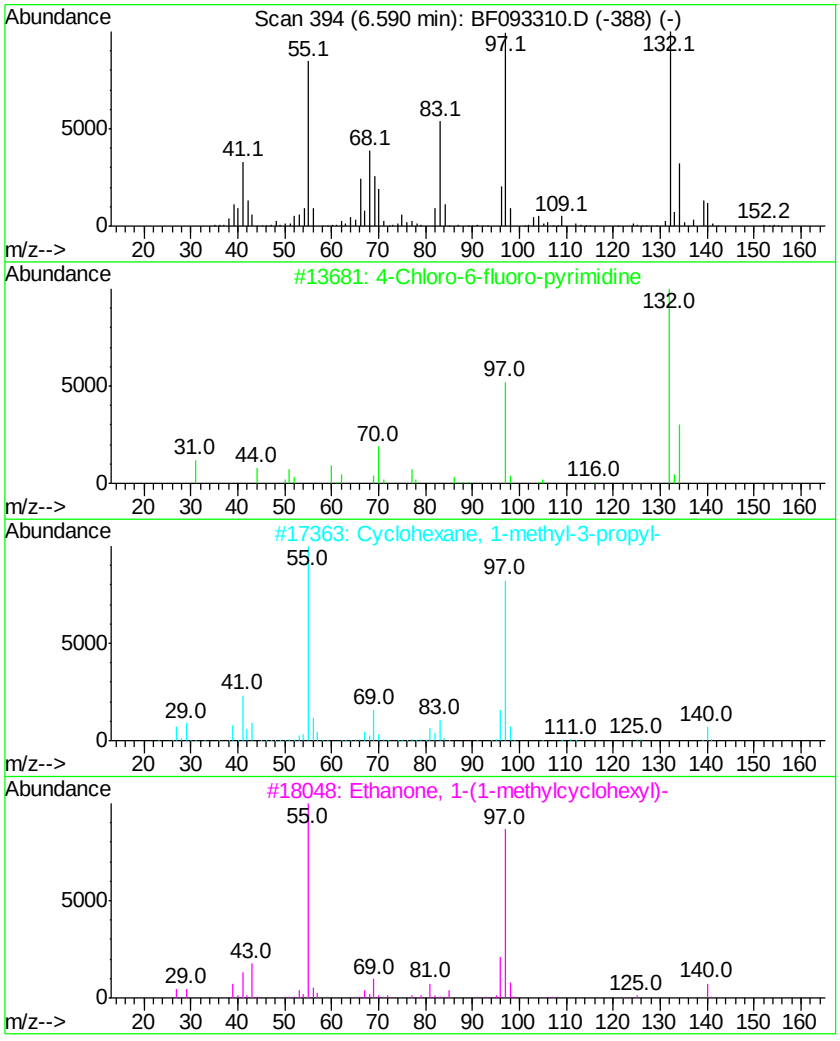
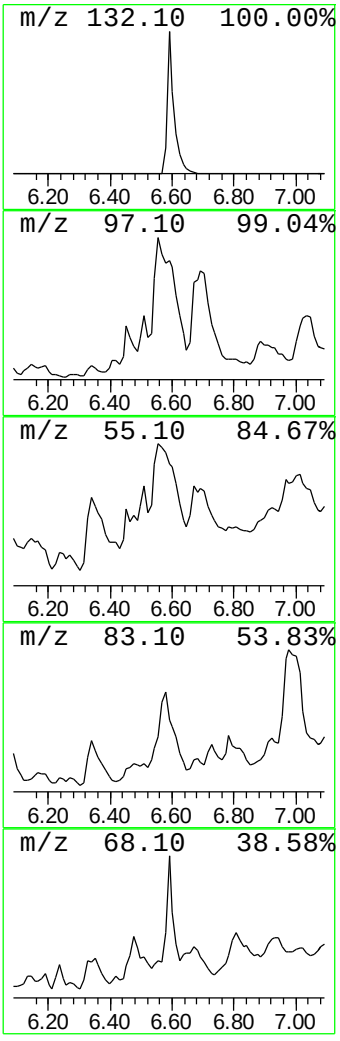
Peak Number 11 unknown6.59 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	19.09 ng	11247700	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	22
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	18
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	18
4	Piperidine, 3-chloro-1-ethyl-	147	C7H14ClN	002167-11-5	14
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	14





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Sample : I2002-03
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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId : SSP-9(3.5-5.5)

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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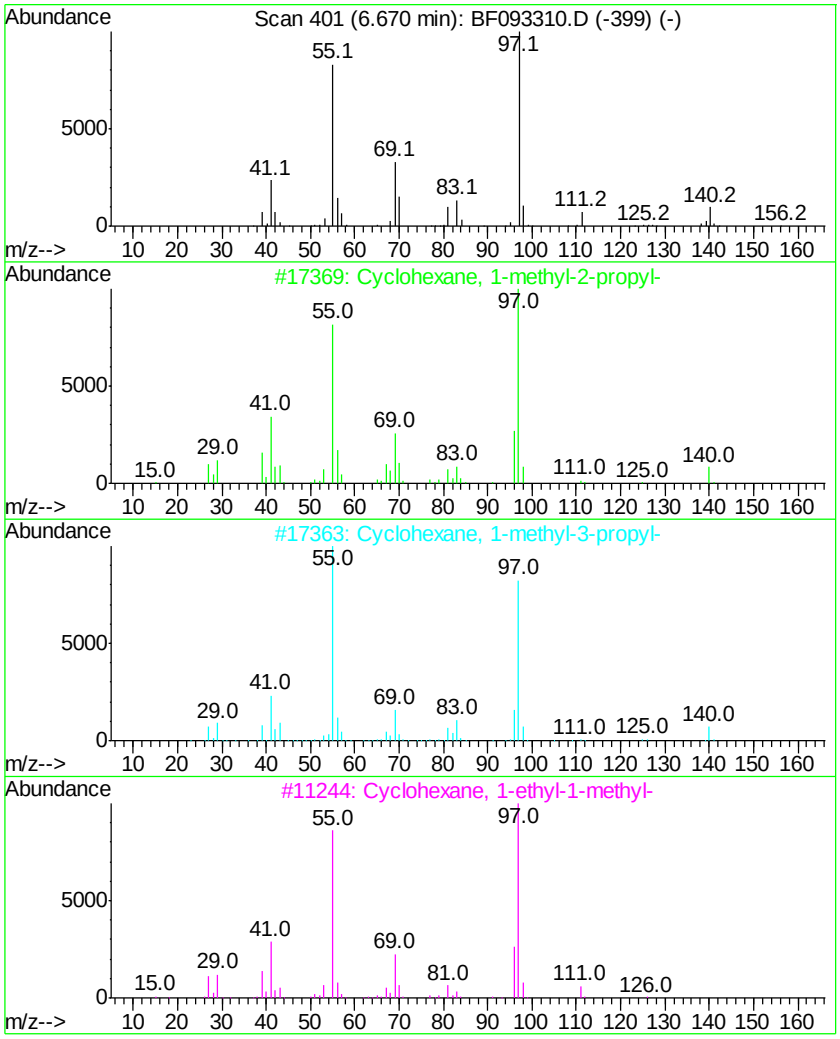
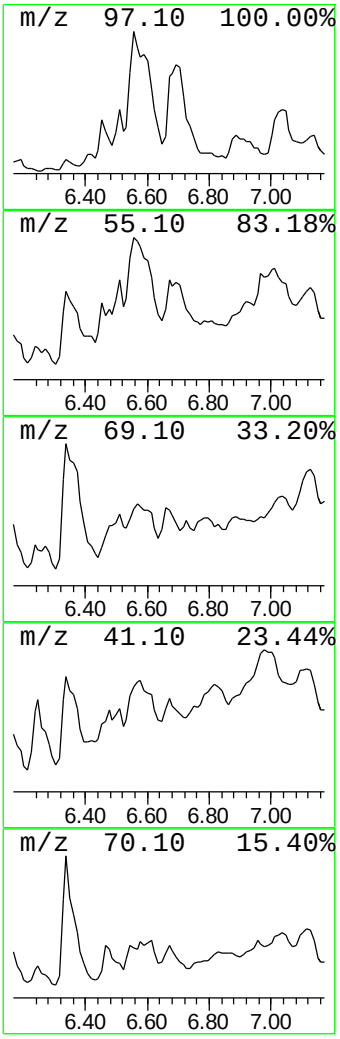
Peak Number 12 Cyclohexane, 1-methyl-2-pro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	3.70 ng	2182170	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	86
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	80
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	72
5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72





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Sample : I2002-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

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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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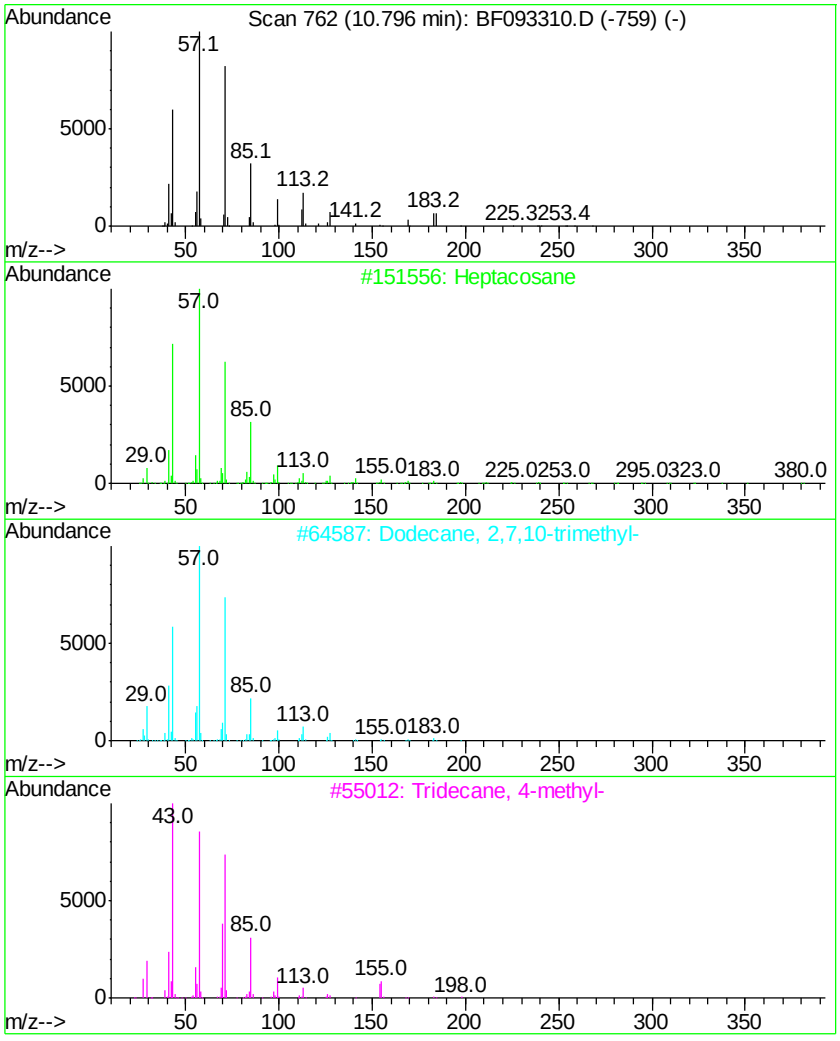
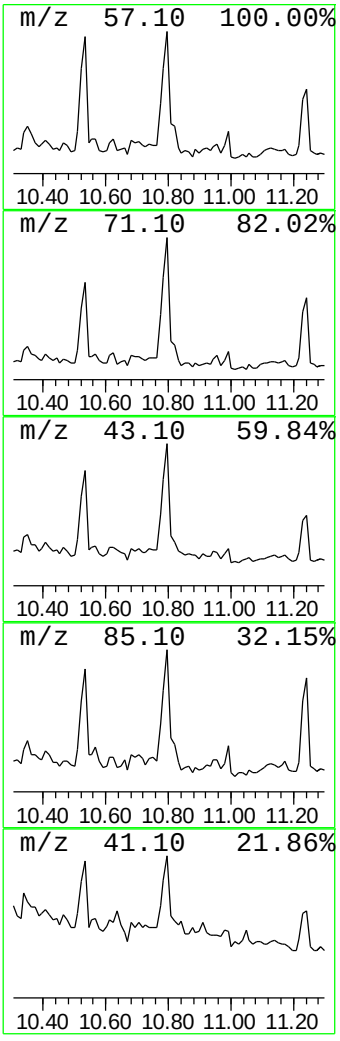
Peak Number 13 Heptacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	65.51 ng	3669500	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	78
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5	Tridecane	184	C13H28	000629-50-5	59





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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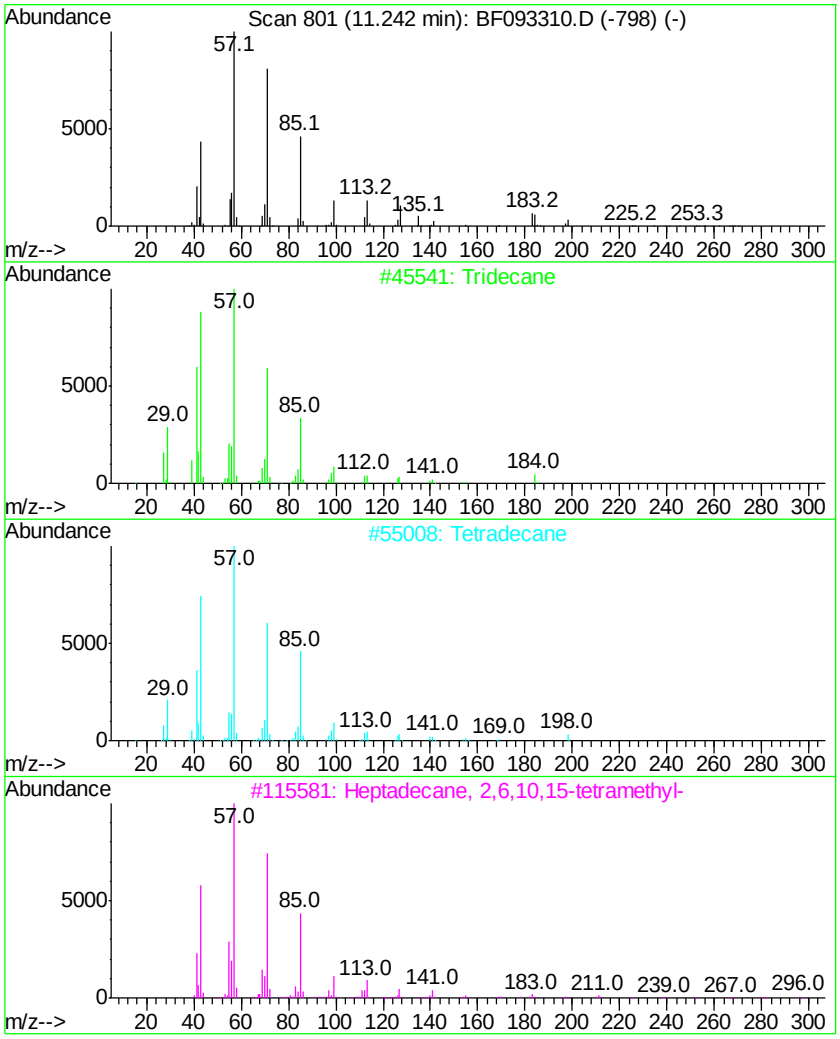
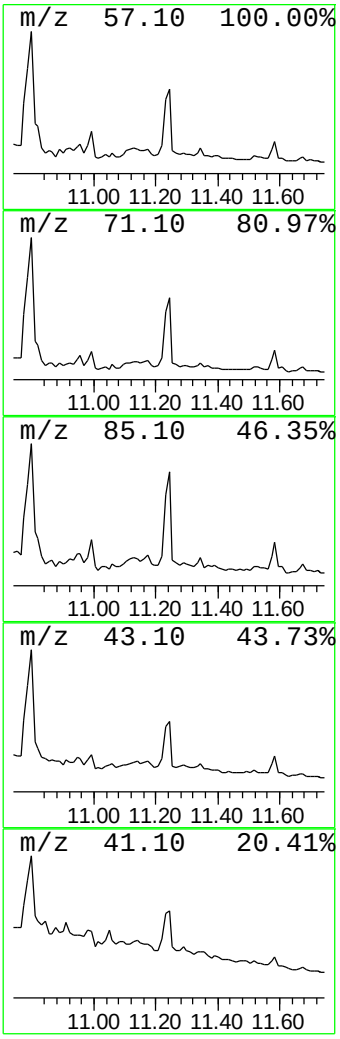
Peak Number 14 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	64.92 ng	3636450	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tetradecane	198	C14H30	000629-59-4	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Operator : SJ/MA
Sample : I2002-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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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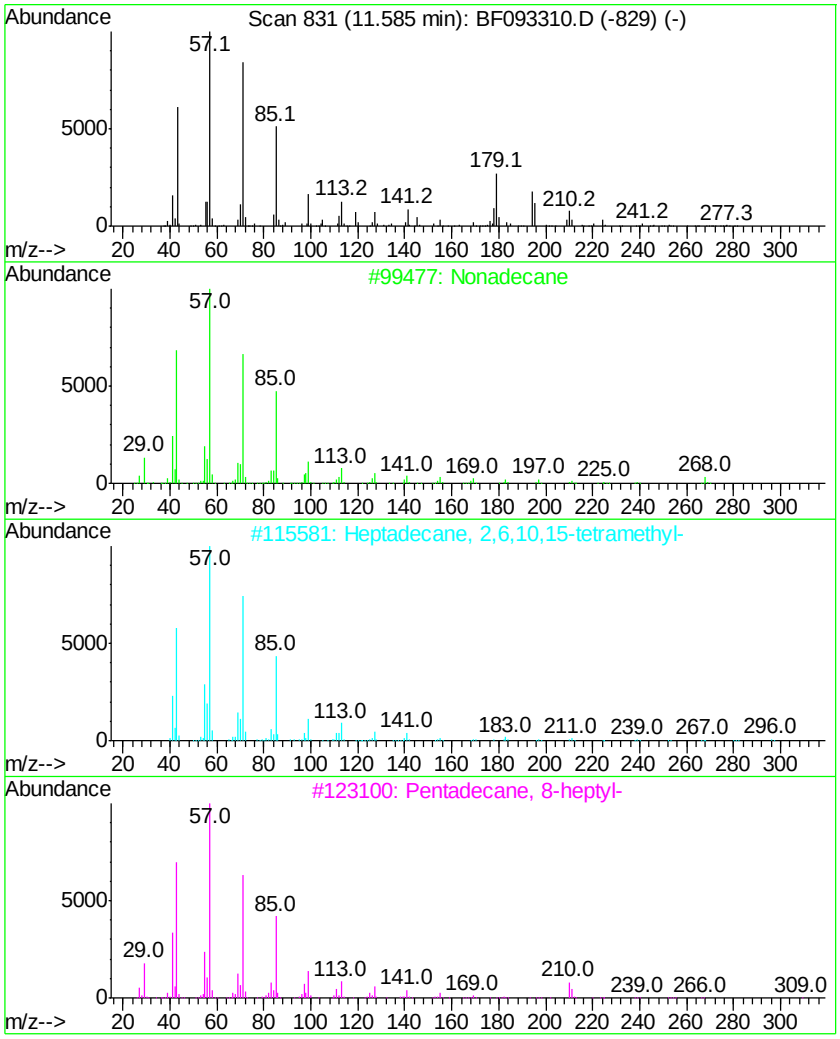
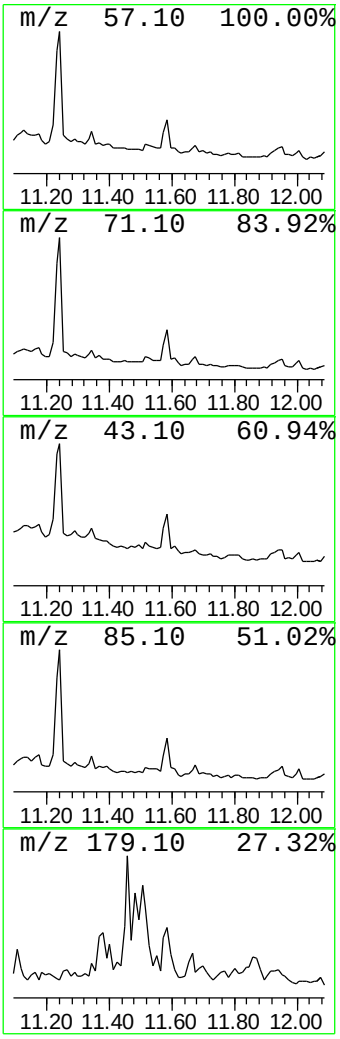
Peak Number 15 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	35.46 ng	1986240	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	68
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Heneicosane	296	C21H44	000629-94-7	64





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ClientSampleId : SSP-9(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Integration Parameters: LSCINT.P

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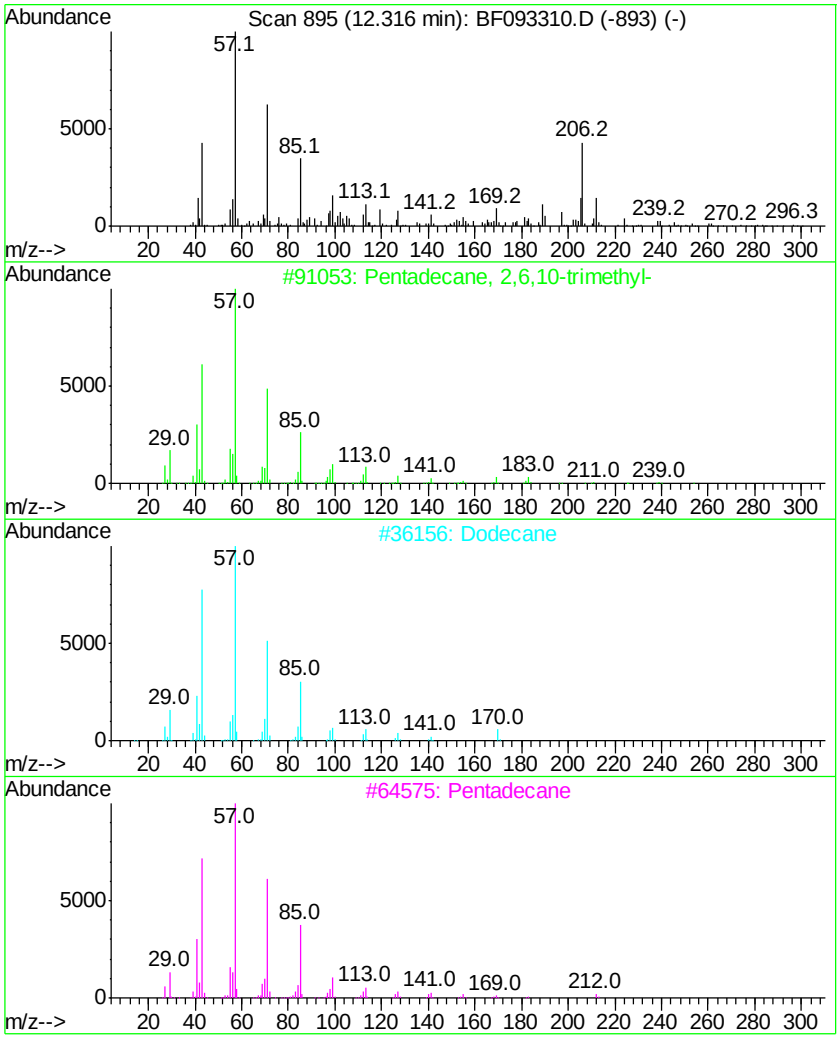
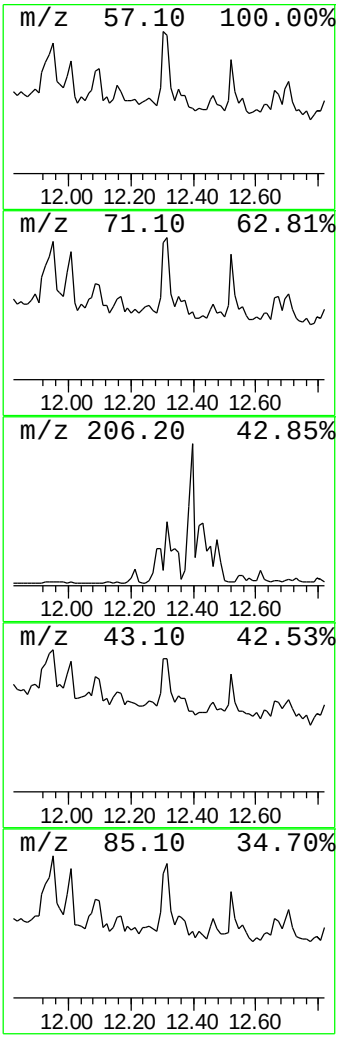
Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	17.08 ng	956510	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	70
2	Dodecane	170	C12H26	000112-40-3	55
3	Pentadecane	212	C15H32	000629-62-9	53
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	49
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	46





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ClientSampleId : SSP-9(3.5-5.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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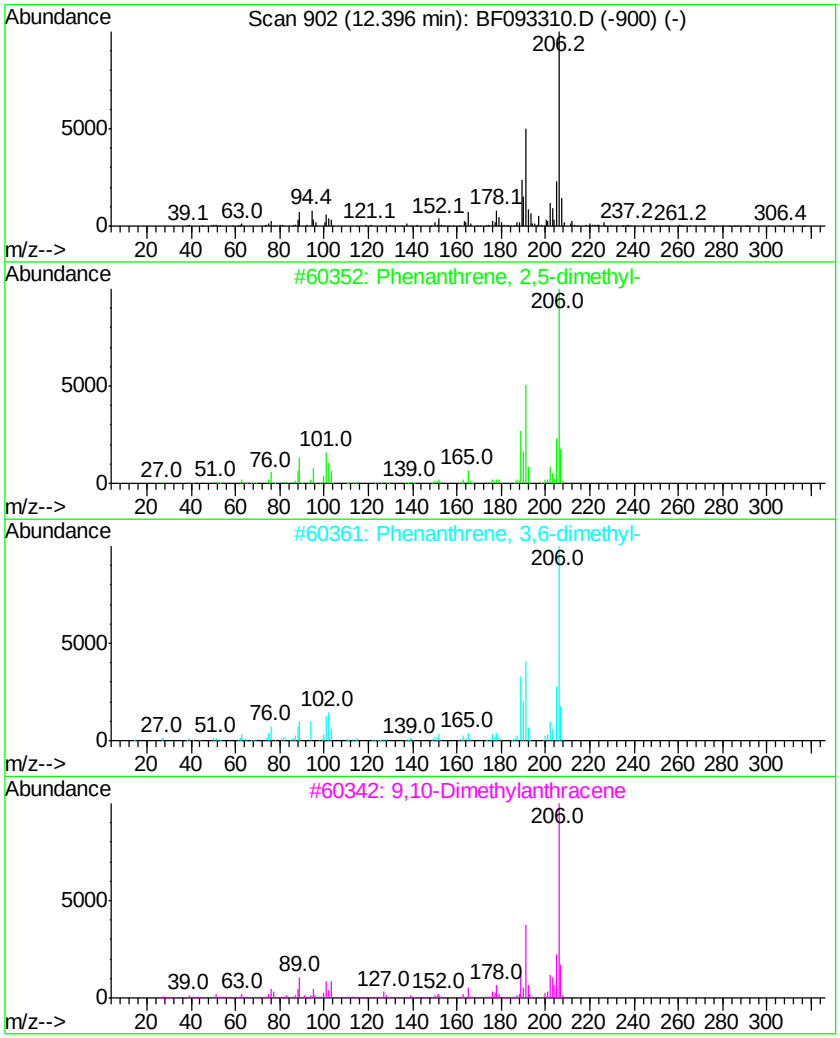
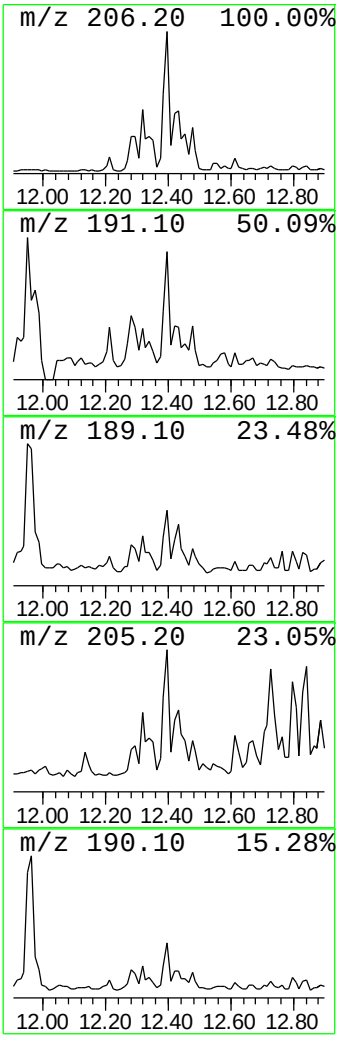
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	6.67 ng	373764	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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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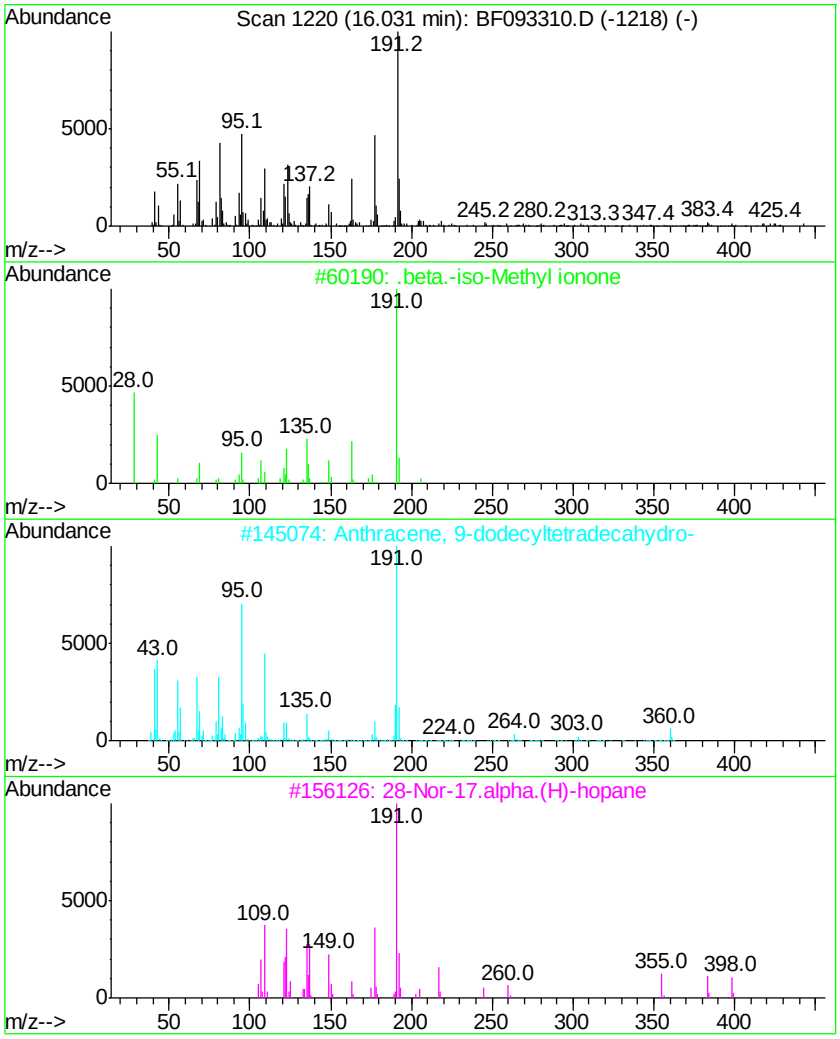
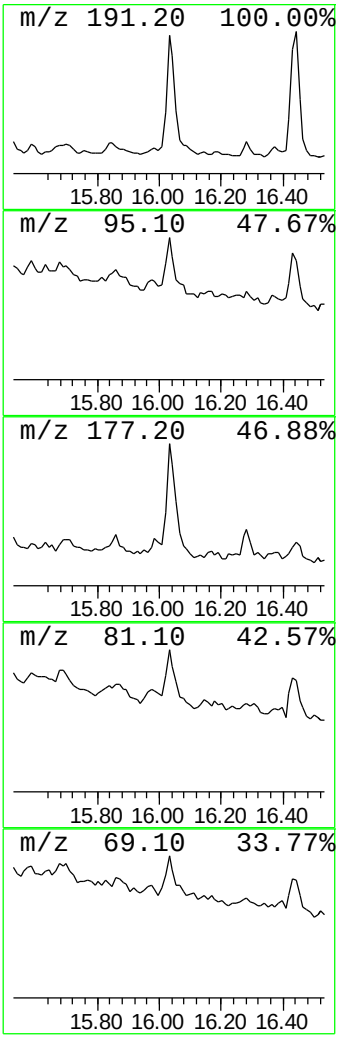
Peak Number 19 unknown16.03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	27.34 ng	896586	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
3	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	32
4	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	27
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	27





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ClientSampleId : SSP-9(3.5-5.5)

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

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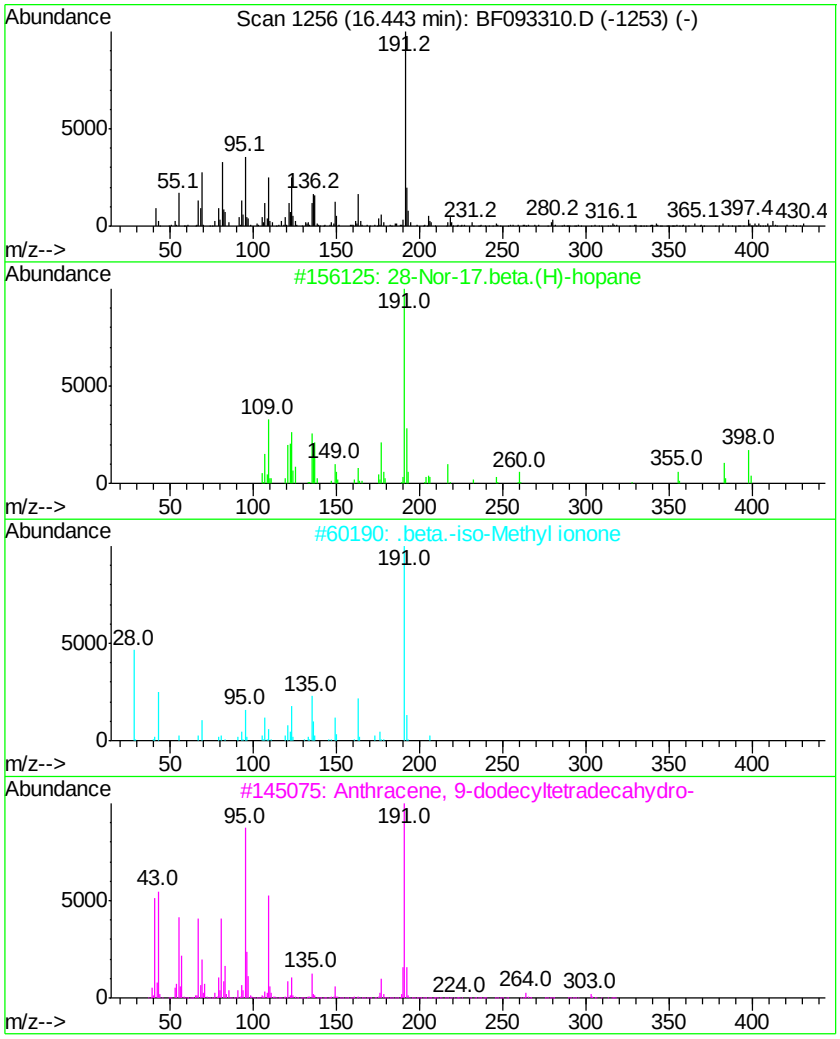
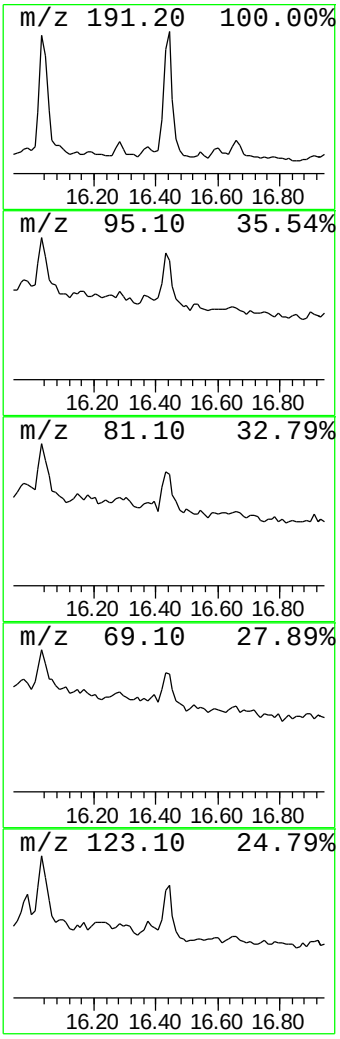
Peak Number 20 28-Nor-17.beta.(H)-hopane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	21.03 ng	689566	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	78
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	68
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	56
4	2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	43
5	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	43





Tentatively Identified Compound (LSC) summary

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Data File : BF093310.D
Acq On : 2 Mar 2017 00:56
Operator : SJ/MA
Sample : I2002-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSP-9(3.5-5.5)

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
Cyclohexane, 1,1,...	4.93	6.2	ng	3665410	1	6.82	11784800	20.0
Cyclohexane, 1,2,...	5.15	7.4	ng	4342000	1	6.82	11784800	20.0
Cyclopentane, butyl-	5.54	4.6	ng	2691410	1	6.82	11784800	20.0
Cyclohexane, 1-et...	5.62	4.8	ng	2807040	1	6.82	11784800	20.0
Cyclohexane, 1-et...	5.80	10.5	ng	6179940	1	6.82	11784800	20.0
7-Methylbicyclo[4...	5.94	6.9	ng	4075750	1	6.82	11784800	20.0
Octane, 3,6-dimet...	6.05	21.7	ng	12811700	1	6.82	11784800	20.0
Heptane, 3-ethyl-...	6.11	25.1	ng	14822100	1	6.82	11784800	20.0
Decane, 2,5,6-tri...	6.25	16.5	ng	9722830	1	6.82	11784800	20.0
Cyclohexane, 1,1,...	6.34	24.4	ng	14346100	1	6.82	11784800	20.0
unknown6.59	6.59	19.1	ng	11247700	1	6.82	11784800	20.0
Cyclohexane, 1-me...	6.67	3.7	ng	2182170	1	6.82	11784800	20.0
Heptacosane	10.80	65.5	ng	3669500	4	11.34	1120230	20.0
Tridecane	11.24	64.9	ng	3636450	4	11.34	1120230	20.0
Nonadecane	11.59	35.5	ng	1986240	4	11.34	1120230	20.0
Pentadecane, 2,6,...	12.32	17.1	ng	956510	4	11.34	1120230	20.0
Phenanthrene, 2,5...	12.40	6.7	ng	373764	4	11.34	1120230	20.0
unknown16.03	16.03	27.3	ng	896586	6	15.41	655768	20.0
28-Nor-17.beta.(H...	16.44	21.0	ng	689566	6	15.41	655768	20.0