LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083921.D
Acq On : 18 Dec 2015 19:03
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

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-BF121815.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	6.110	351	352	356	rBV2	146369	205928	2.30%	0.245%
2	6.167	356	357	359	rVV	65129	91002	1.02%	0.108%
3	6.201	359	360	366	rVB4	34852	96649	1.08%	0.115%
4	6.304	366	369	372	rBV	101326	218770	2.45%	0.260%
5	6.361	372	374	376	rVV2	317002	630599	7.05%	0.749%
6	6.396	376	377	381	rVB2	426933	660442	7.38%	0.785%
7	6.464	381	383	389	rBV	477832	735380	8.22%	0.874%
8	6.556	389	391	394	rVV	298944	395406	4.42%	0.470%
9	6.613	394	396	397	rVV2	178128	289762	3.24%	0.344%
10	6.647	397	399	401	rVV2	200865	394036	4.41%	0.468%
11	6.716	401	405	407	rVV2	1562621	2564476	28.67%	3.047%
12	6.819	407	414	415	rVV2	209139	479411	5.36%	0.570%
13	6.864	417	418	419	rVV	626591	579332	6.48%	0.688%
14	6.899	419	421	422	rVV	860317	1047737	11.72%	1.245%
15	6.933	422	424	426	rVV	448833	762819	8.53%	0.906%
16	6.967	426	427	428	rVV	276472	289944	3.24%	0.345%
17	7.024	428	432	434	rVV2	835416	1938317	21.67%	2.303%
18	7.059	434	435	436	rVV	310907	246700	2.76%	0.293%
19	7.161	436	444	445	rVV	1164800	2995865	33.50%	3.560%
20	7.196	445	447	448	rVV2	875470	1310966	14.66%	1.558%
21	7.230	448	450	451	rVV	1350019	1952718	21.83%	2.320%
22	7.276	451	454	455	rVV	1369455	2358597	26.37%	2.803%
23	7.321	455	458	461	rVV2	782327	2173821	24.31%	2.583%
24	7.424	463	467	469	rVV3	1052513	3287092	36.75%	3.906%
25	7.493	469	473	475	rVV	3884700	8943492	100.00%	10.628%
26	7.527	475	476	478	rVV	1074443	1726444	19.30%	2.052%
27	7.596	478	482	484	rVV2	1360780	3799973	42.49%	4.516%
28	7.642	484	486	487	rVV	1122068	1929375	21.57%	2.293%
29	7.687	487	490	492	rVV3	1568807	3742578	41.85%	4.447%
30	7.722	492	493	494	rVV	908652	972734	10.88%	1.156%
31	7.790	494	499	502	rVV5	1352787	5241666	58.61%	6.229%
32	7.859	502	505	506	rVV	1917288	3825386	42.77%	4.546%
33	7.882	506	507	509	rVV	1623732	2514327	28.11%	2.988%
34	7.916	509	510	512	rVV	2035702	2968677	33.19%	3.528%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083921.D
Acq On : 18 Dec 2015 19:03
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.962	512	514	515	rVV2	1901047	2557443	28.60%	3.039%
36	7.984	515	516	518	rVV2	875156	1433971	16.03%	1.704%
37	8.030	518	520	521	rVV	641314	1132408	12.66%	1.346%
38	8.064	521	523	525	rVV2	667919	1506338	16.84%	1.790%
39	8.099	525	526	527	rVV	705772	923105	10.32%	1.097%
40	8.156	528	531	533	rVV	4066482	5993293	67.01%	7.122%
41	8.224	534	537	539	rVV	1285049	2301736	25.74%	2.735%
42	8.259	539	540	543	rVV2	557242	1023478	11.44%	1.216%
43	8.316	543	545	547	rVV	319877	567309	6.34%	0.674%
44	8.362	547	549	553	rVV4	245883	740183	8.28%	0.880%
45	8.453	553	557	560	rVV3	462686	937113	10.48%	1.114%
46	8.499	560	561	563	rVV2	193749	240528	2.69%	0.286%
47	8.533	563	564	566	rVB	294426	300084	3.36%	0.357%
48	8.579	566	568	570	rBV	361962	333735	3.73%	0.397%
49	8.750	581	583	585	rVB	439045	363476	4.06%	0.432%
50	9.905	681	684	686	rBV	708475	637203	7.12%	0.757%
51	11.390	811	814	816	rBV	521370	585897	6.55%	0.696%
52	14.019	1042	1044	1047	rBV	633866	679693	7.60%	0.808%
53	15.459	1168	1170	1173	rBV	415379	524059	5.86%	0.623%

Sum of corrected areas: 84151473

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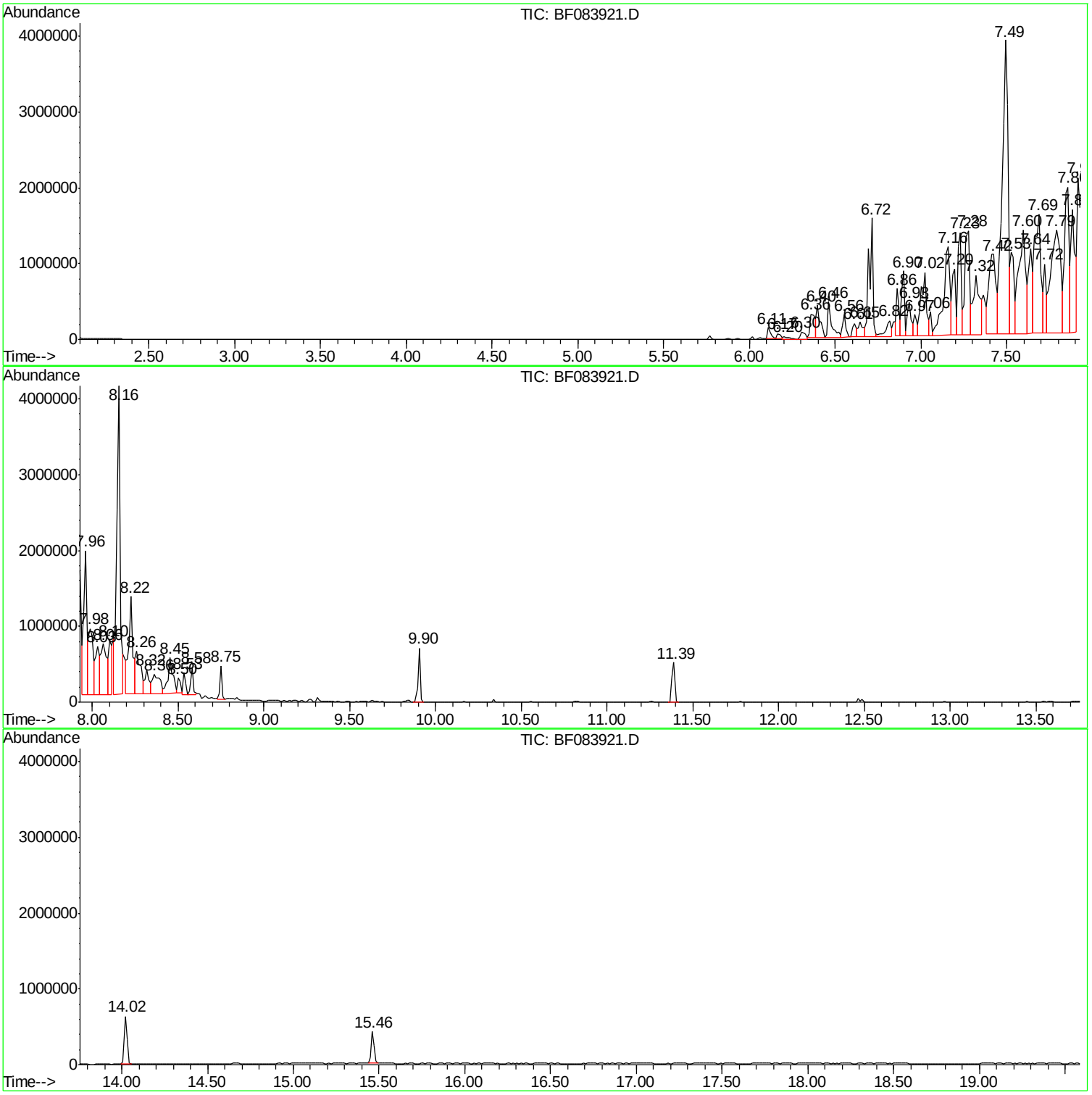
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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\BF121915\
Data File : BF083921.D
Acq On : 18 Dec 2015 19:03
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

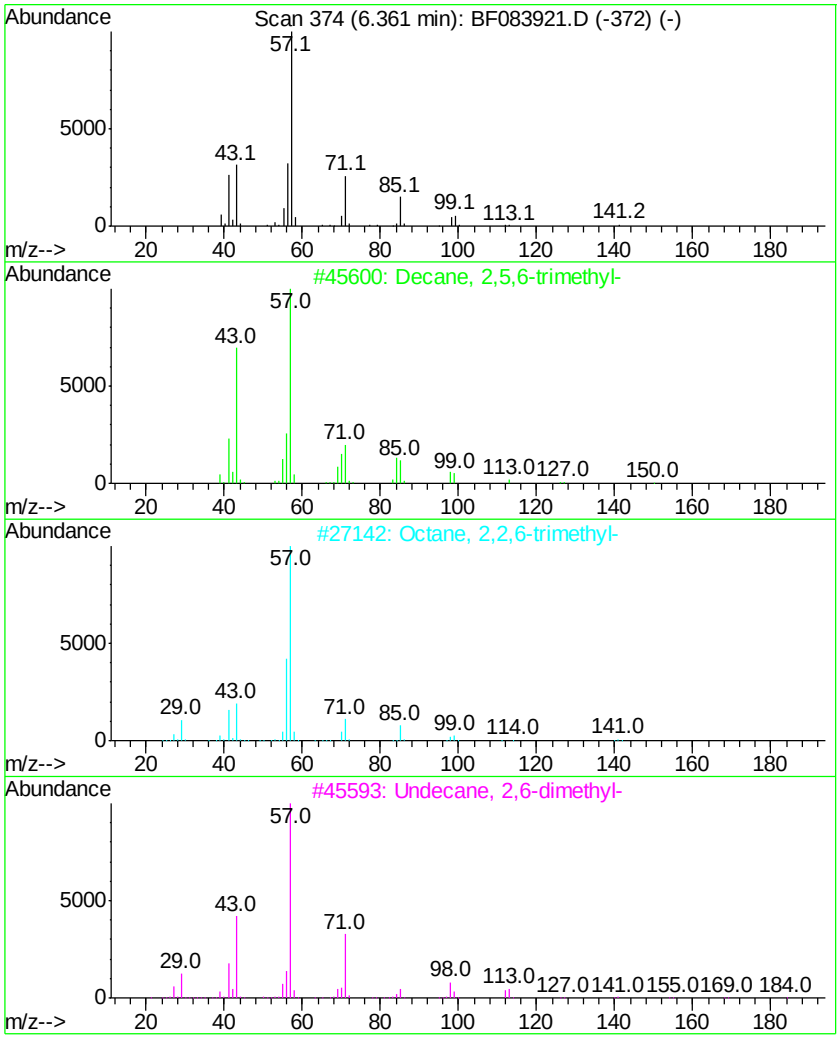
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

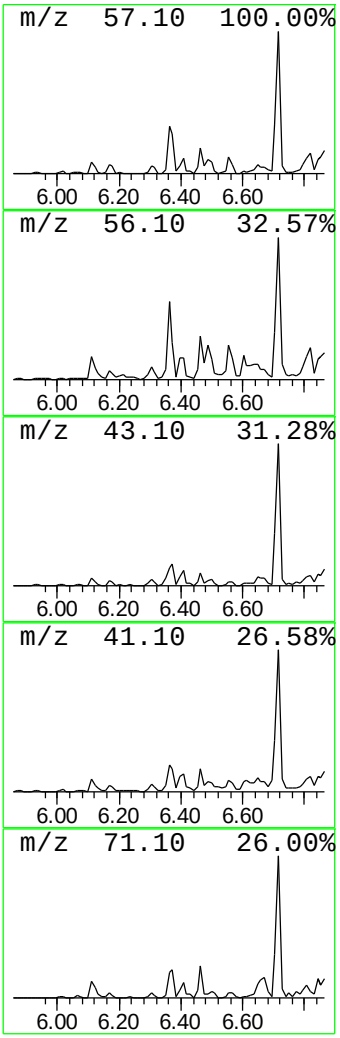
****

Peak Number 1 Decane, 2,5,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	21.77 ng	630599	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	59
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083921.D
Acq On : 18 Dec 2015 19:03
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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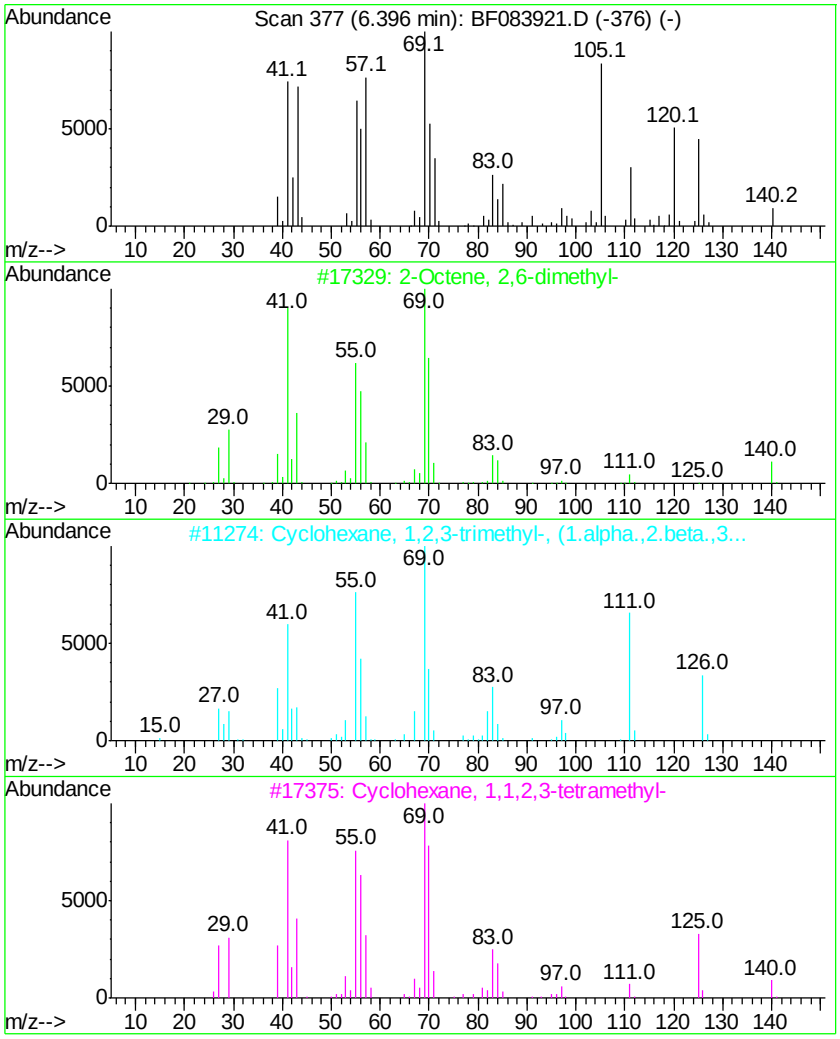
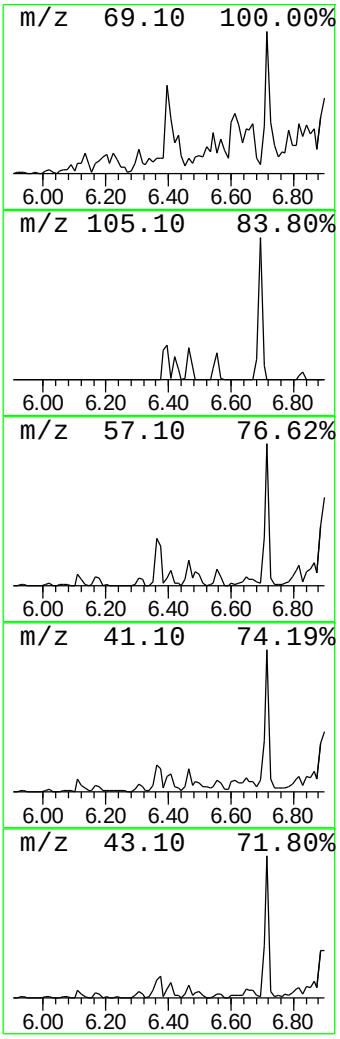
Peak Number 2 unknown6.40 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	22.80 ng	660442	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	45
3	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	41
4	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	38
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083921.D
Acq On : 18 Dec 2015 19:03
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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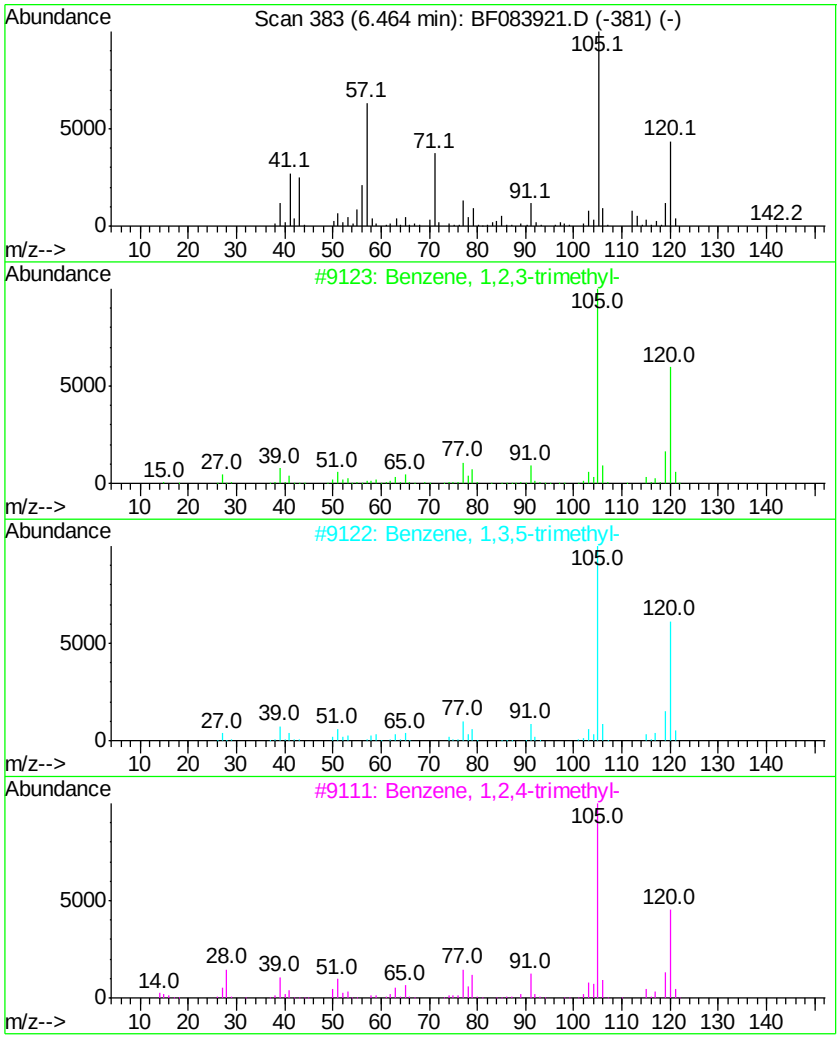
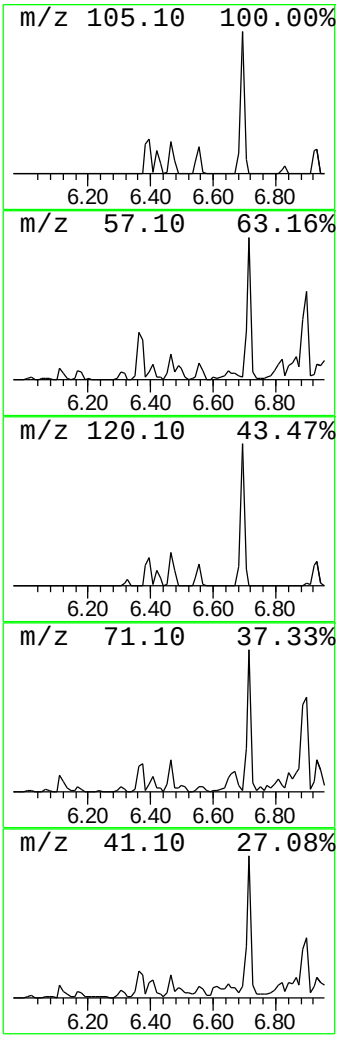
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	25.39 ng	735380	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	92
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	92
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	78
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	60
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	60





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083921.D
Acq On : 18 Dec 2015 19:03
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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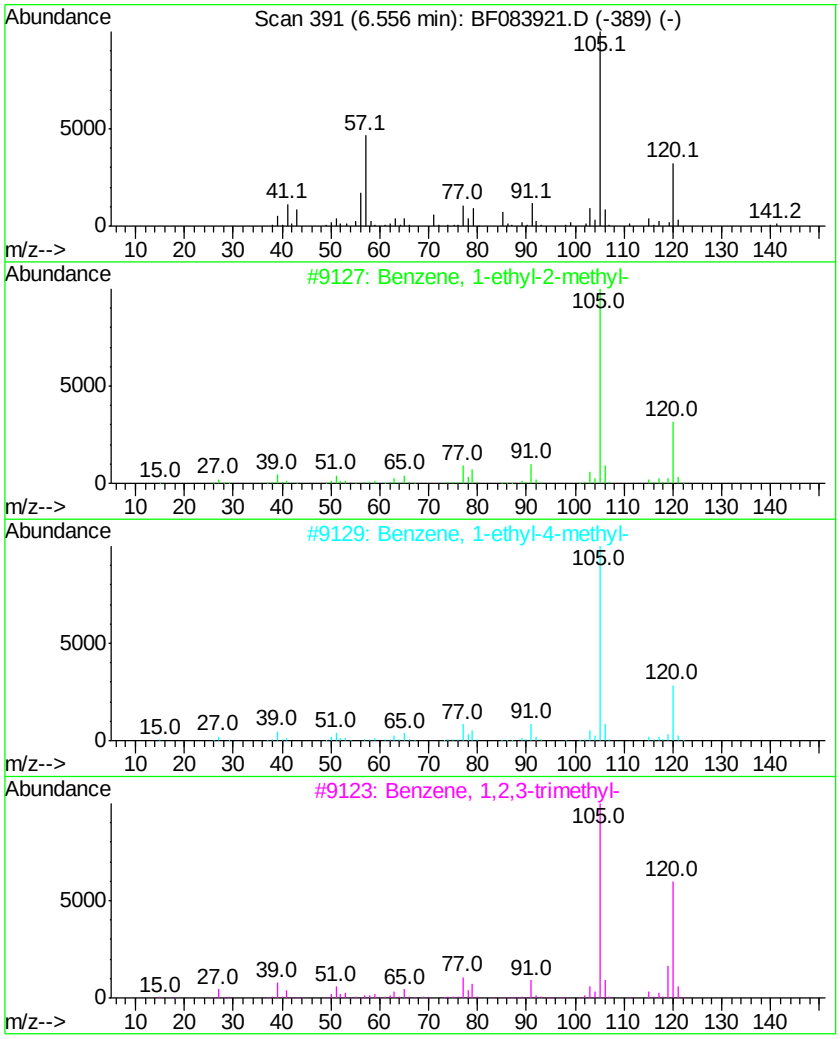
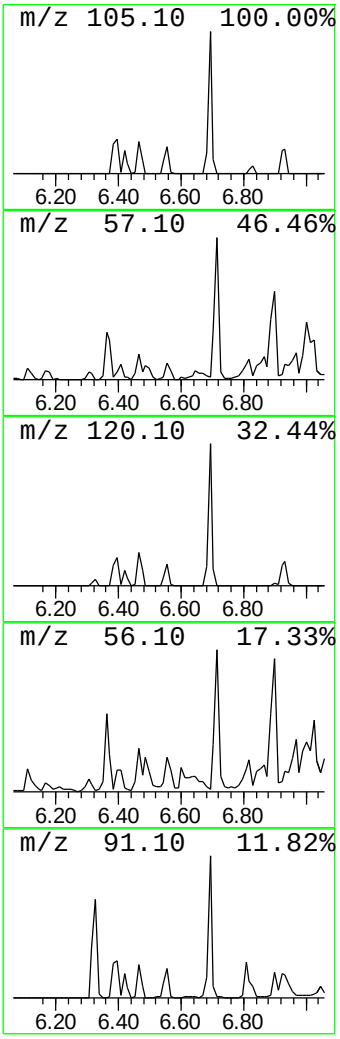
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	13.65 ng	395406	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083921.D
Acq On : 18 Dec 2015 19:03
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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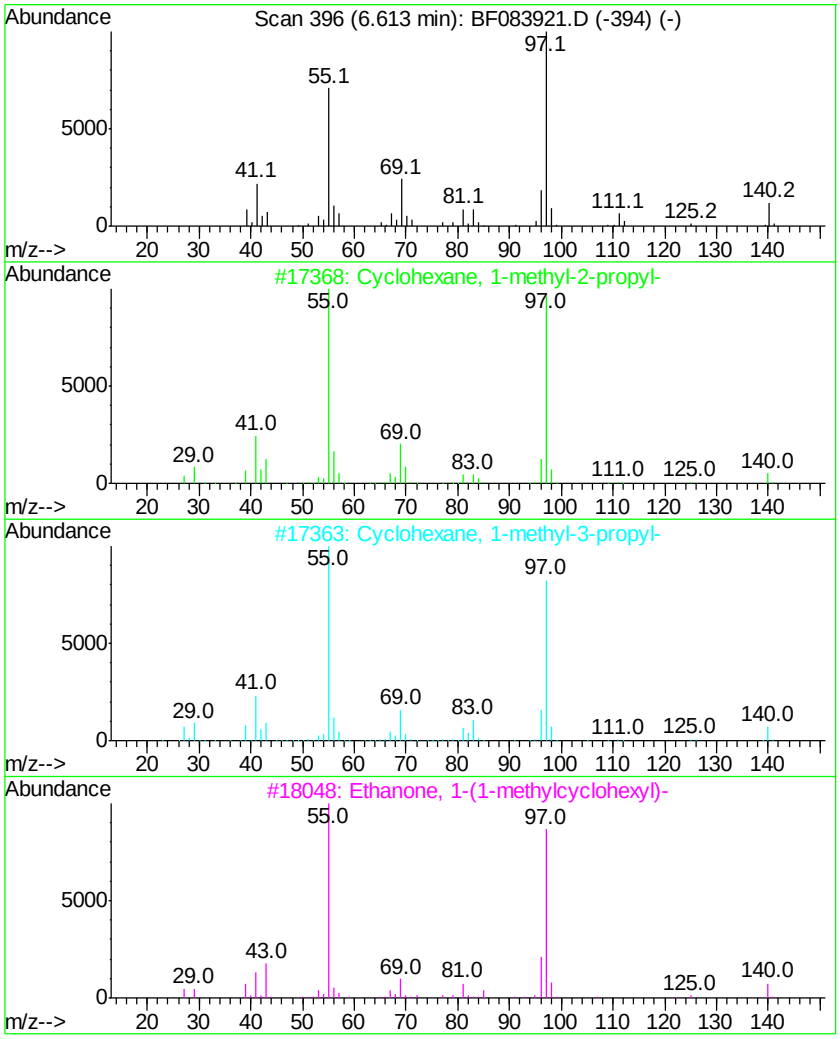
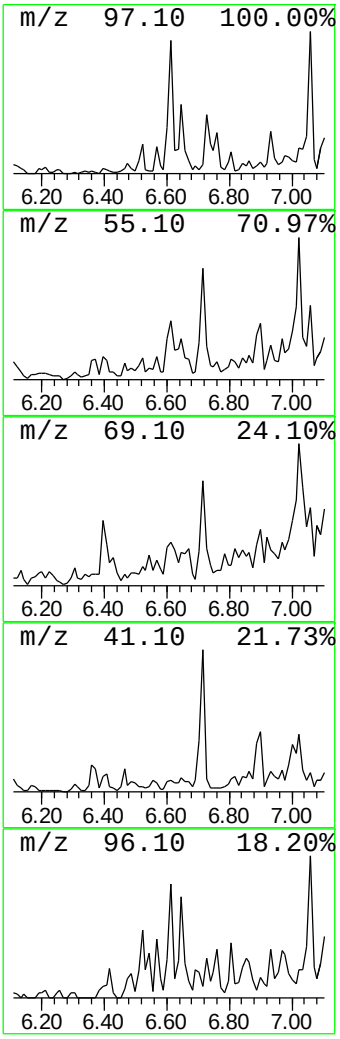
Peak Number 5 Cyclohexane, 1-methyl-2-pro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	10.00 ng	289762	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	86
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	74
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083921.D
Acq On : 18 Dec 2015 19:03
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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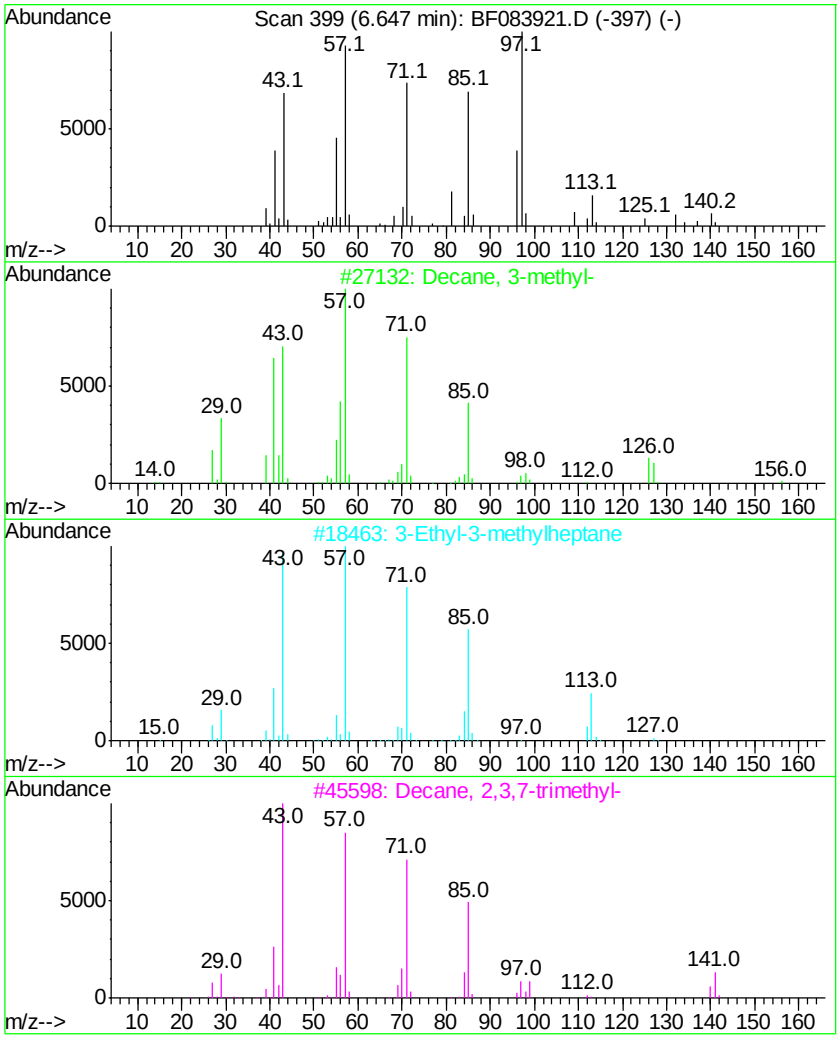
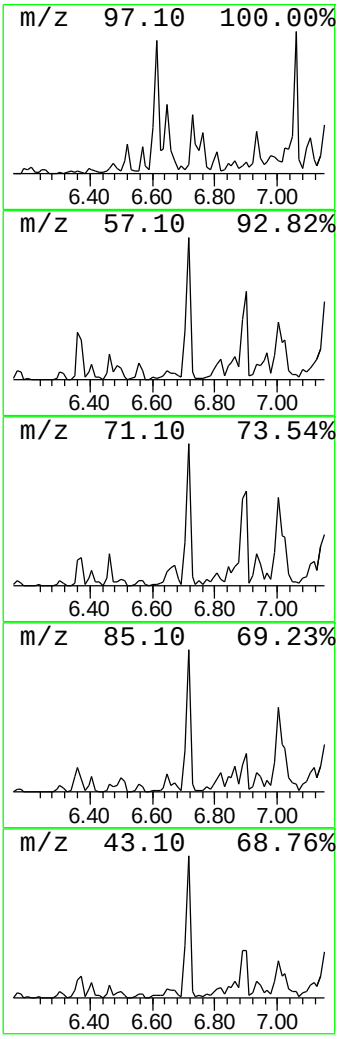
Peak Number 6 unknown6.65 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	13.60 ng	394036	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	38
2	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	38
3	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	37
4	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	35
5	Pentanoic acid, 1,1-dimethylprop...	172	C10H20O2	117421-32-6	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083921.D
Acq On : 18 Dec 2015 19:03
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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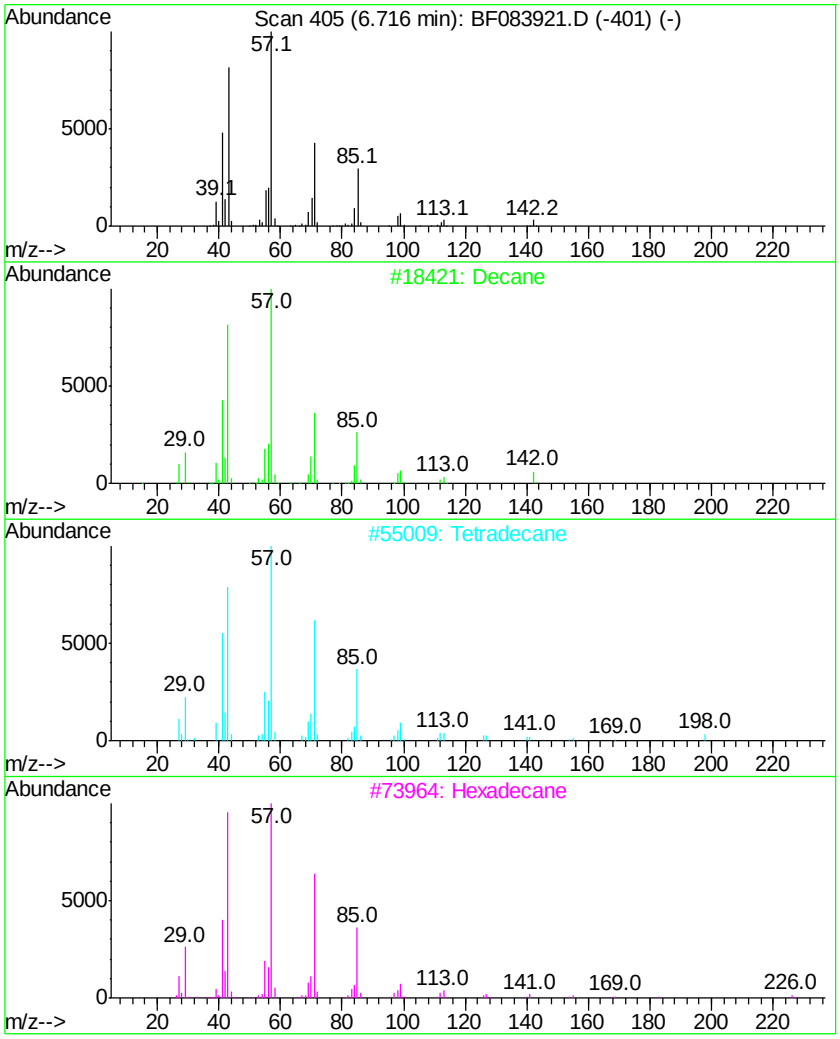
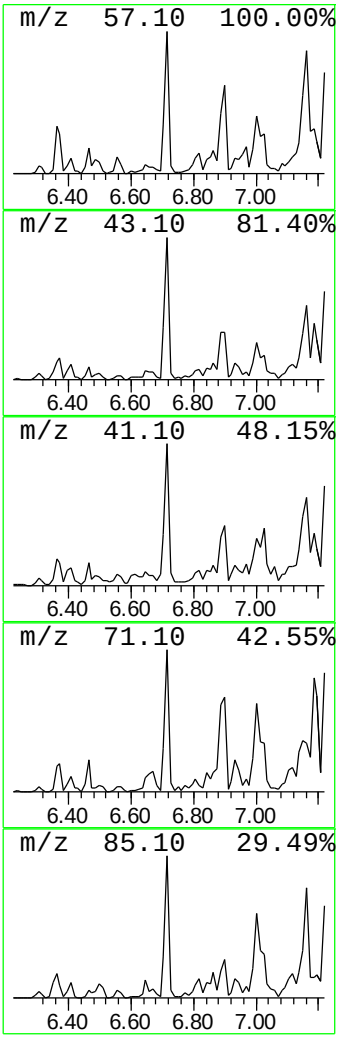
Peak Number 7 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	88.53 ng	2564480	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	95
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	72
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083921.D
Acq On : 18 Dec 2015 19:03
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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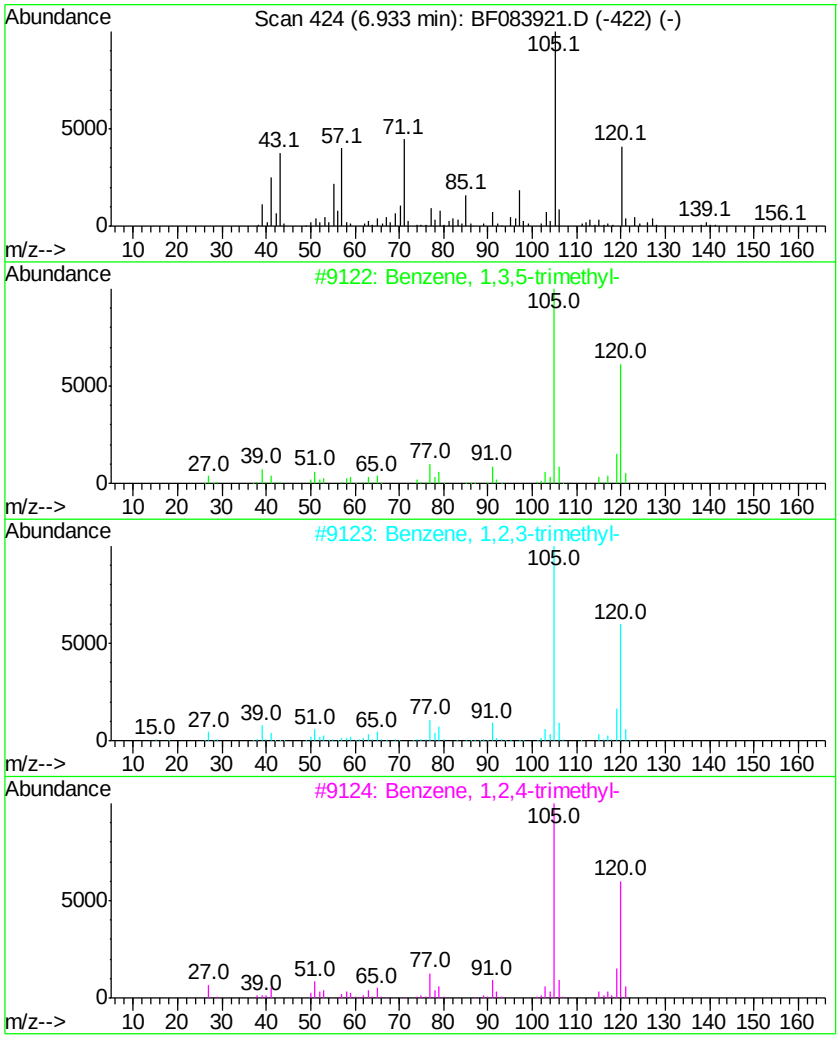
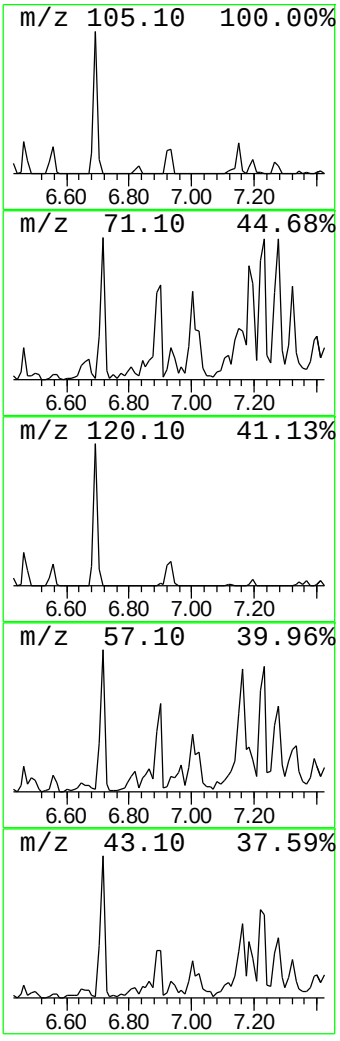
Peak Number 8 unknown6.93 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	26.33 ng	762819	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	46
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	41
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	38
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38





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Data File : BF083921.D
Acq On : 18 Dec 2015 19:03
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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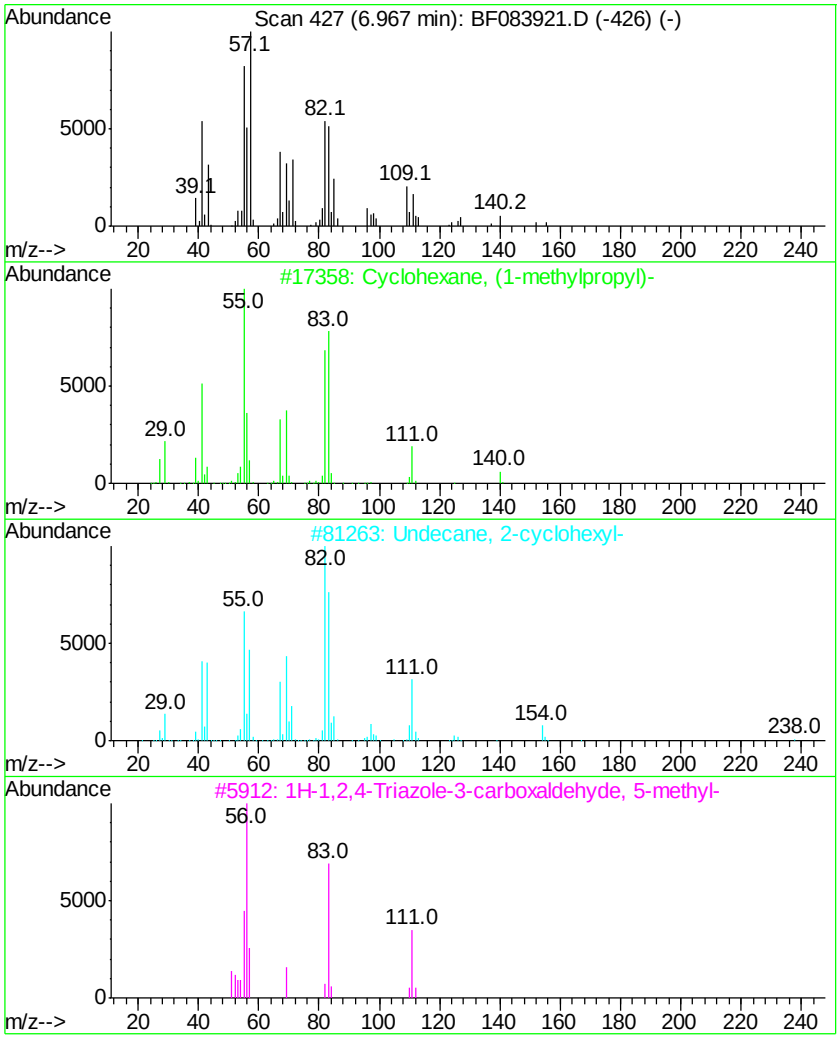
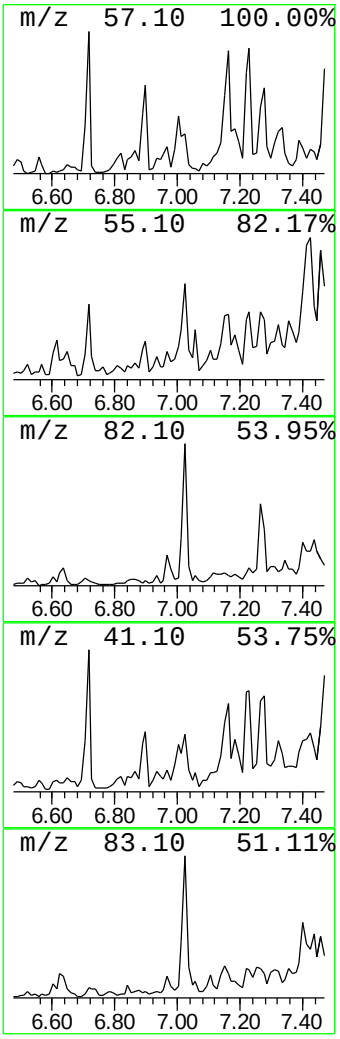
Peak Number 9 unknown6.97 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	10.01 ng	289944	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	46
2	Undecane, 2-cyclohexyl-	238	C17H34	013151-77-4	43
3	1H-1,2,4-Triazole-3-carboxaldehy...	111	C4H5N3O	056804-98-9	27
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	27
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	22





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Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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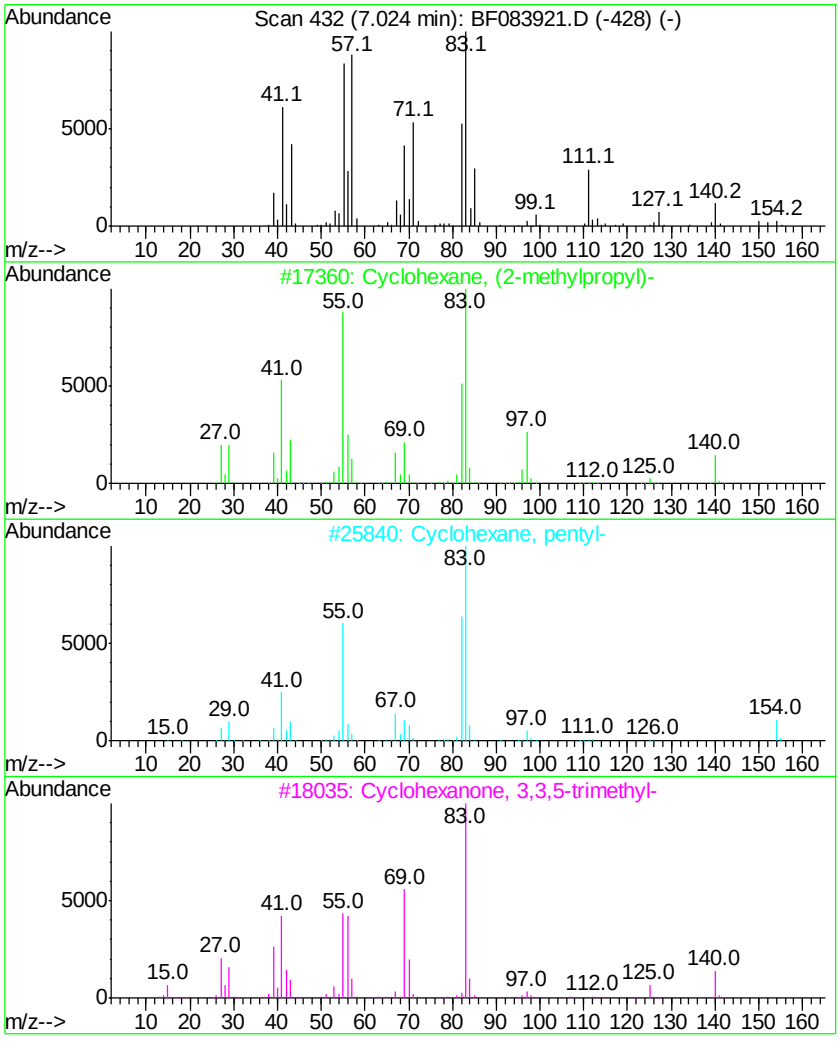
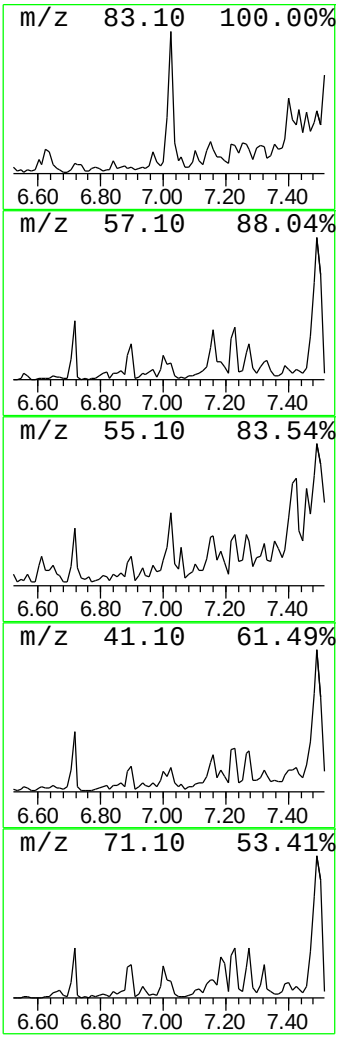
Peak Number 10 Cyclohexane, (2-methylpropyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	66.92 ng	1938320	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	46
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	46
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	43





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Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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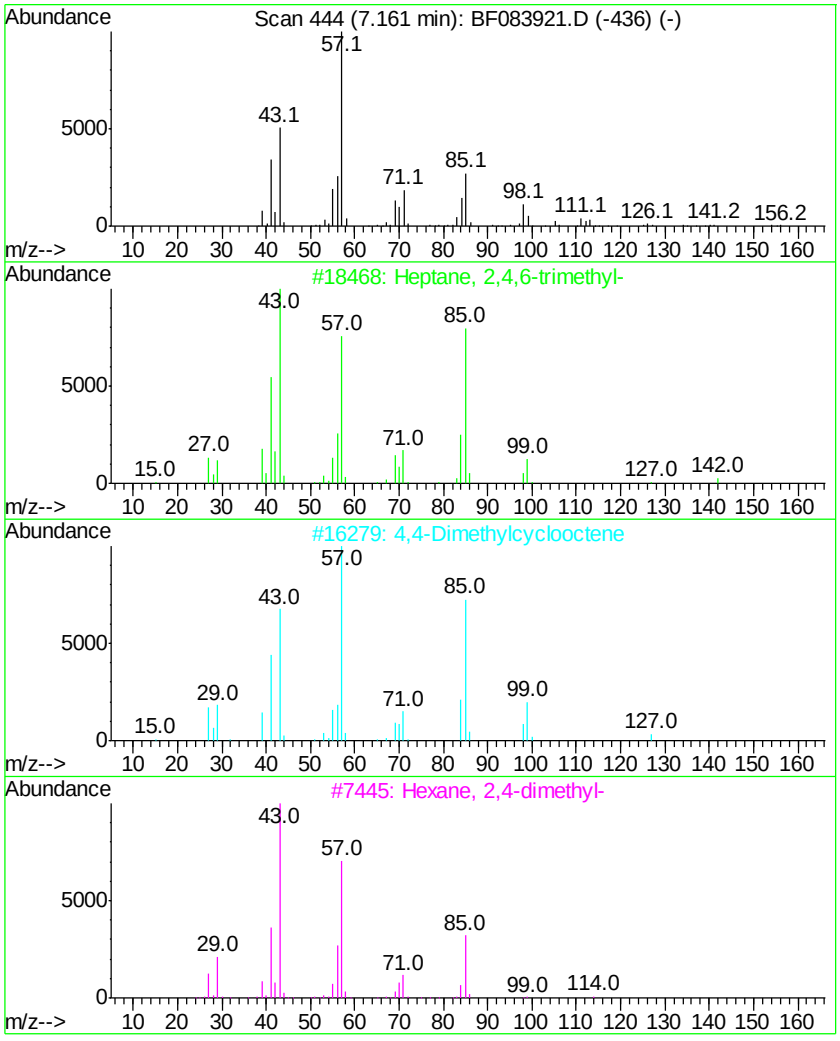
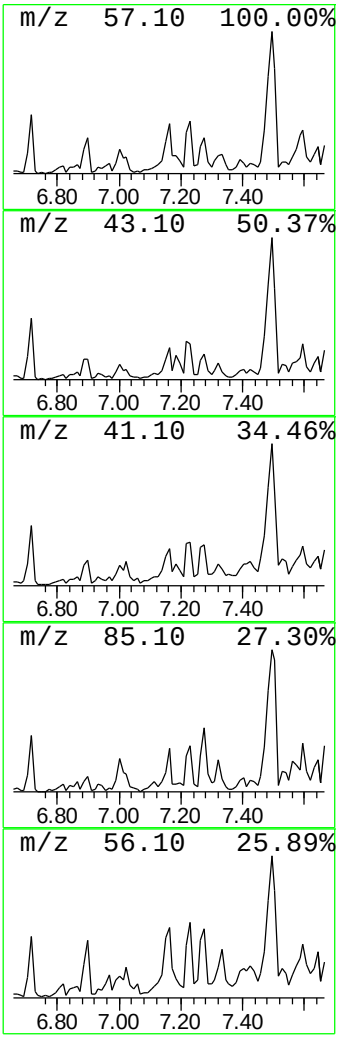
Peak Number 11 Heptane, 2,4,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	103.43 ng	2995870	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	58
2	4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	53
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
4	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50





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Acq On : 18 Dec 2015 19:03
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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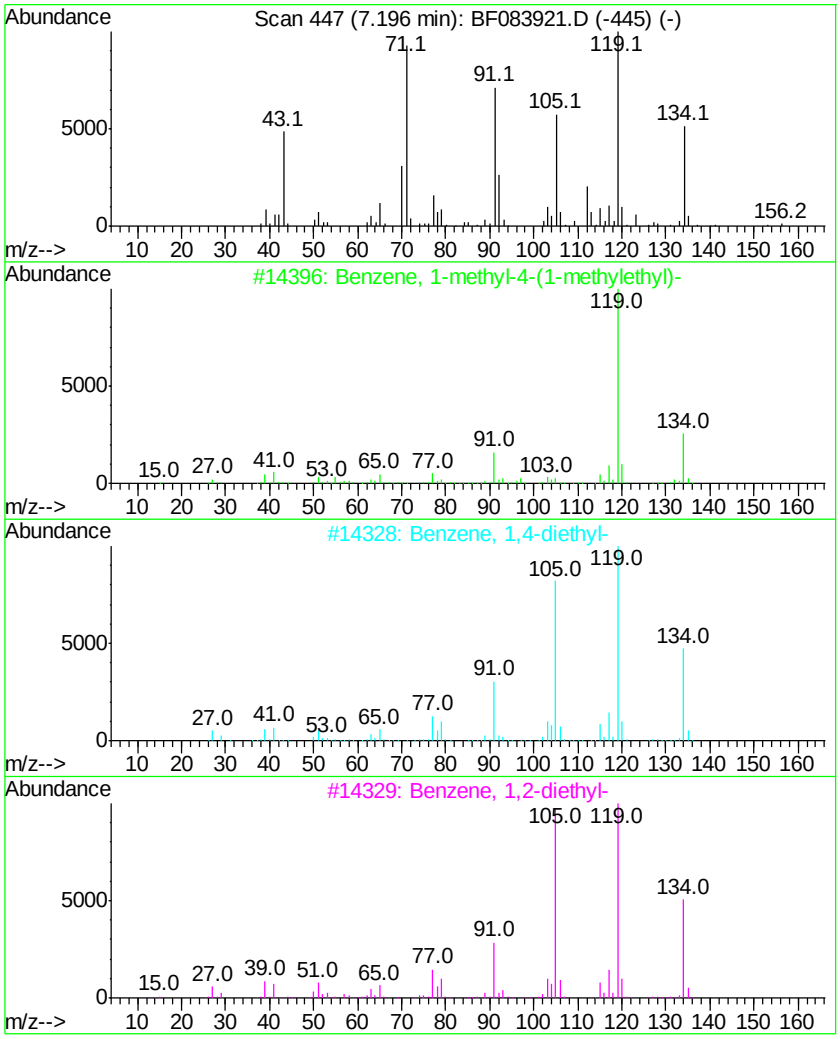
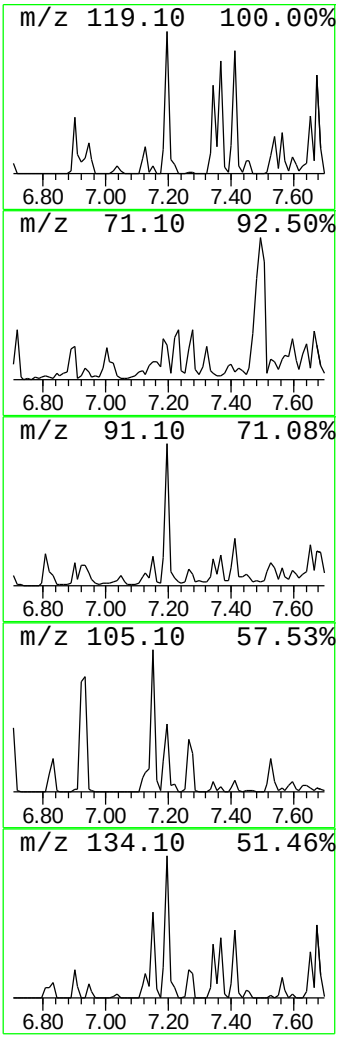
Peak Number 12 Benzene, 1-methyl-4-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	45.26 ng	1310970	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	86
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	64
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	64
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50





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Acq On : 18 Dec 2015 19:03
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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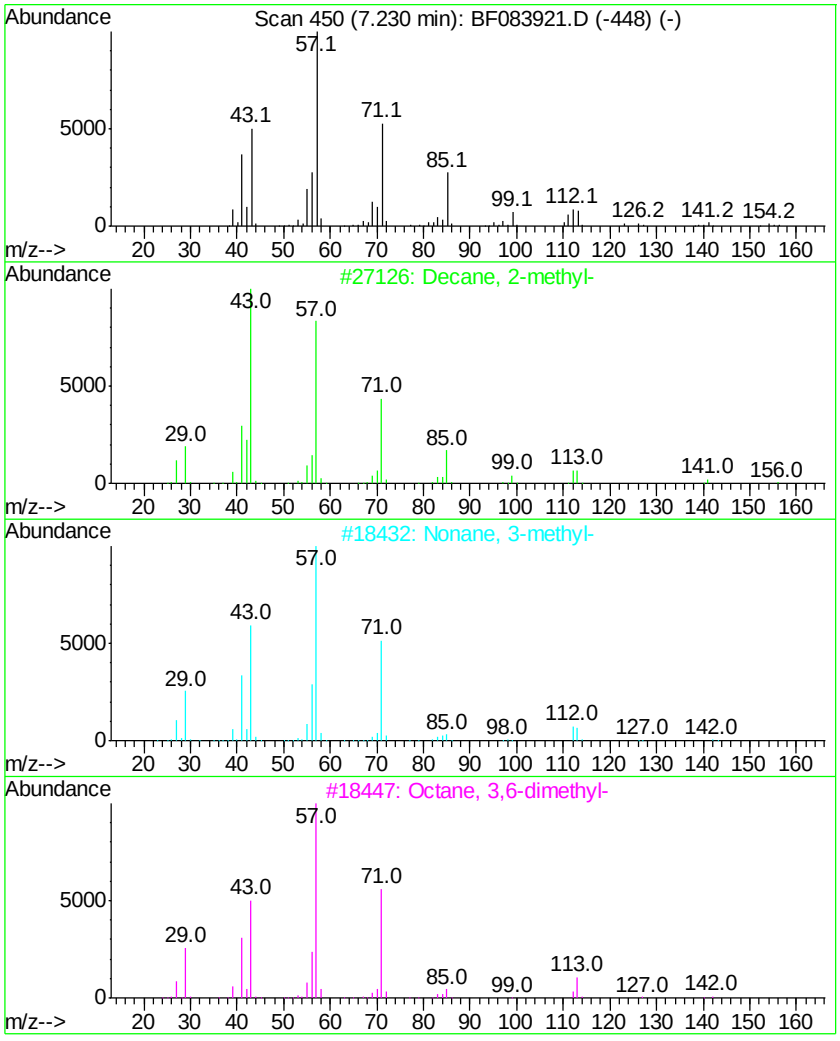
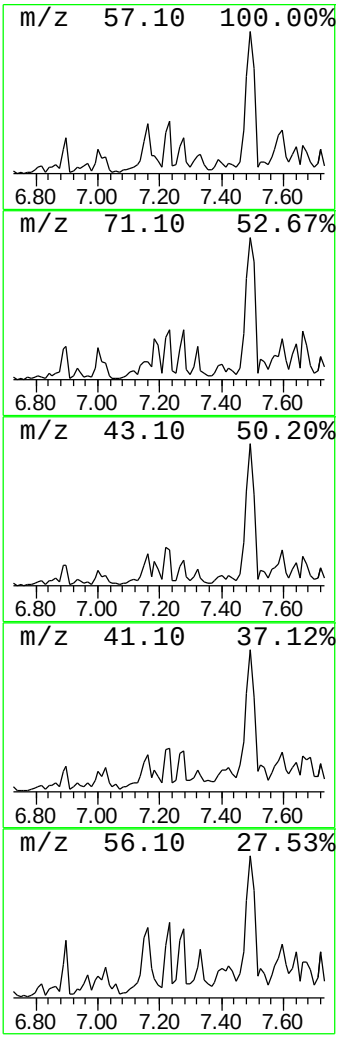
Peak Number 13 Decane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	67.41 ng	1952720	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	72
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	59
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	50





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Sample : G4817-01 20X
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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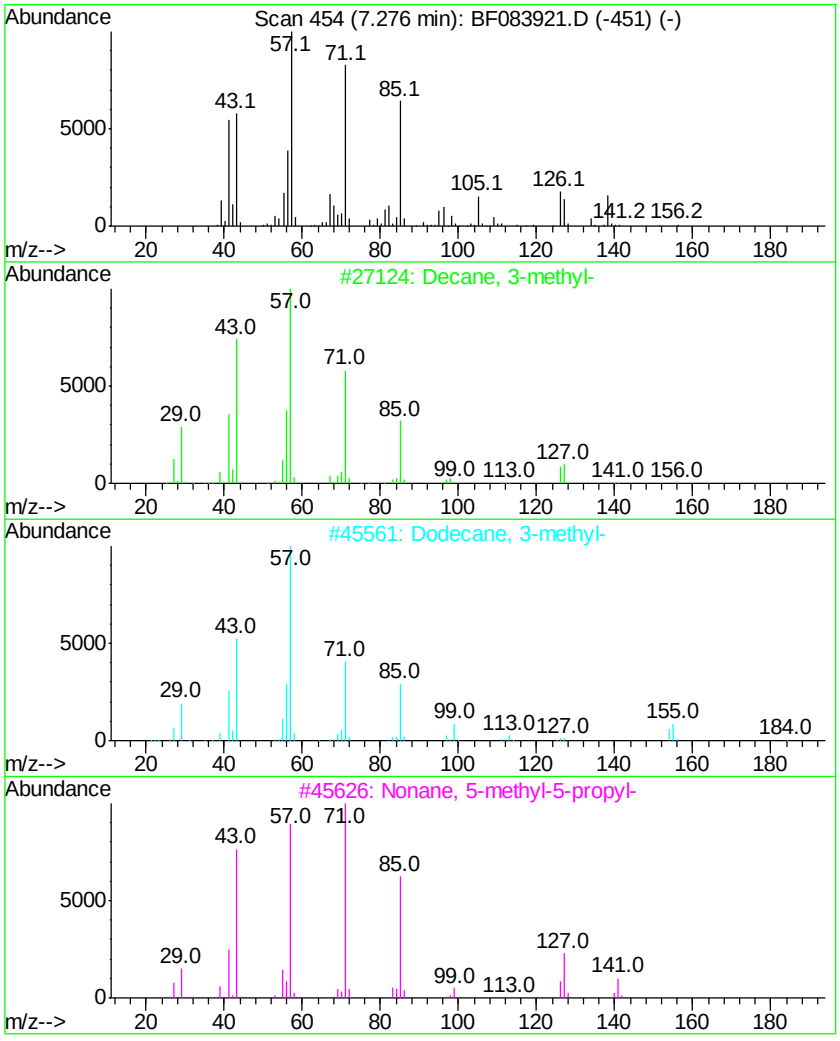
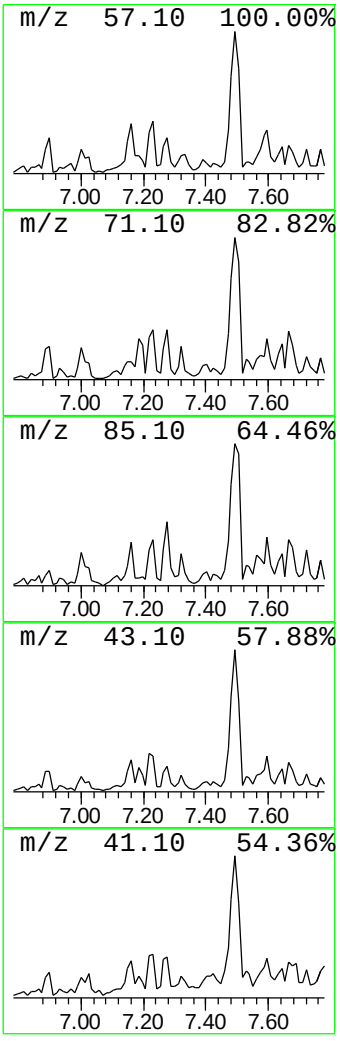
Peak Number 14 Decane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	81.42 ng	2358600	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	76
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	52
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	47
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47





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Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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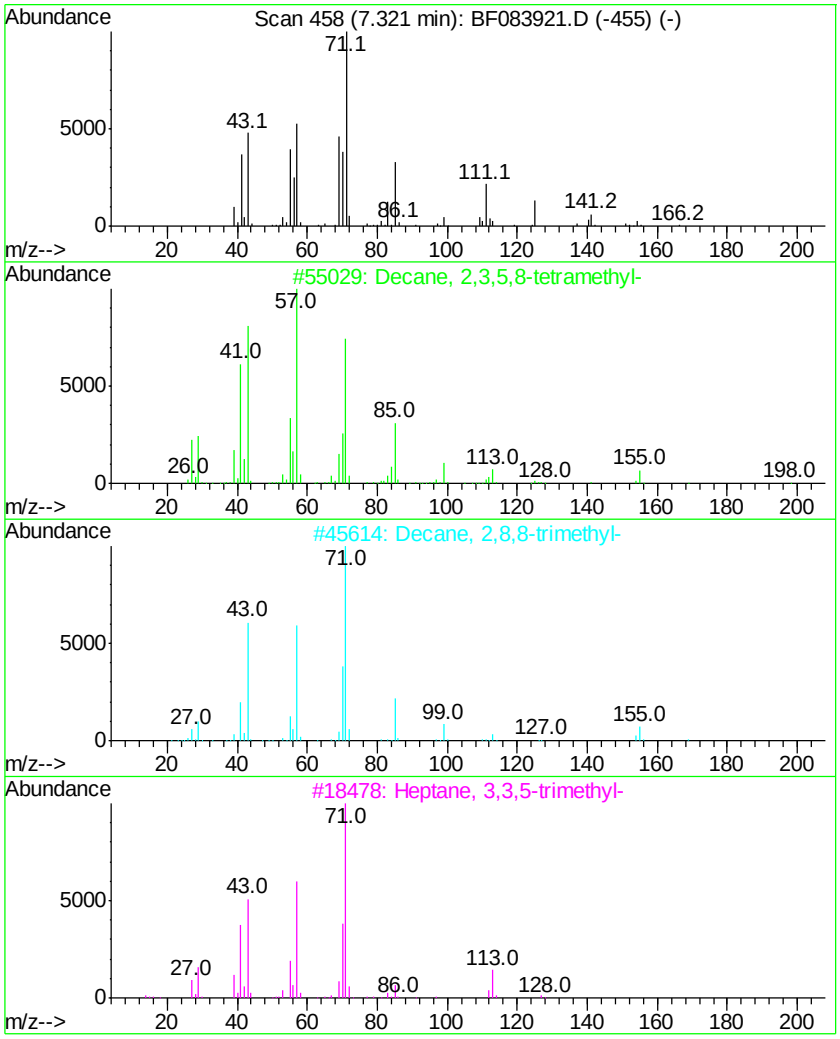
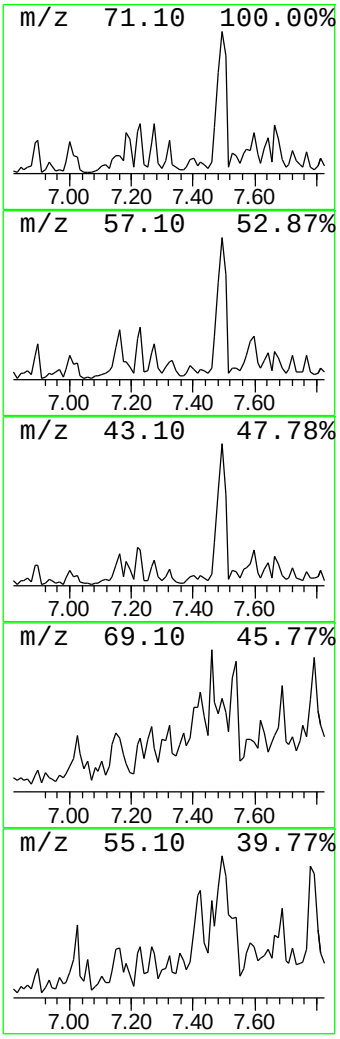
Peak Number 15 Decane, 2,3,5,8-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	75.05 ng	2173820	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	50
2	Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	50
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	47
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
5	5-Hepten-3-one, 5-ethyl-2-methyl-	154	C10H18O	049833-97-8	43





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Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

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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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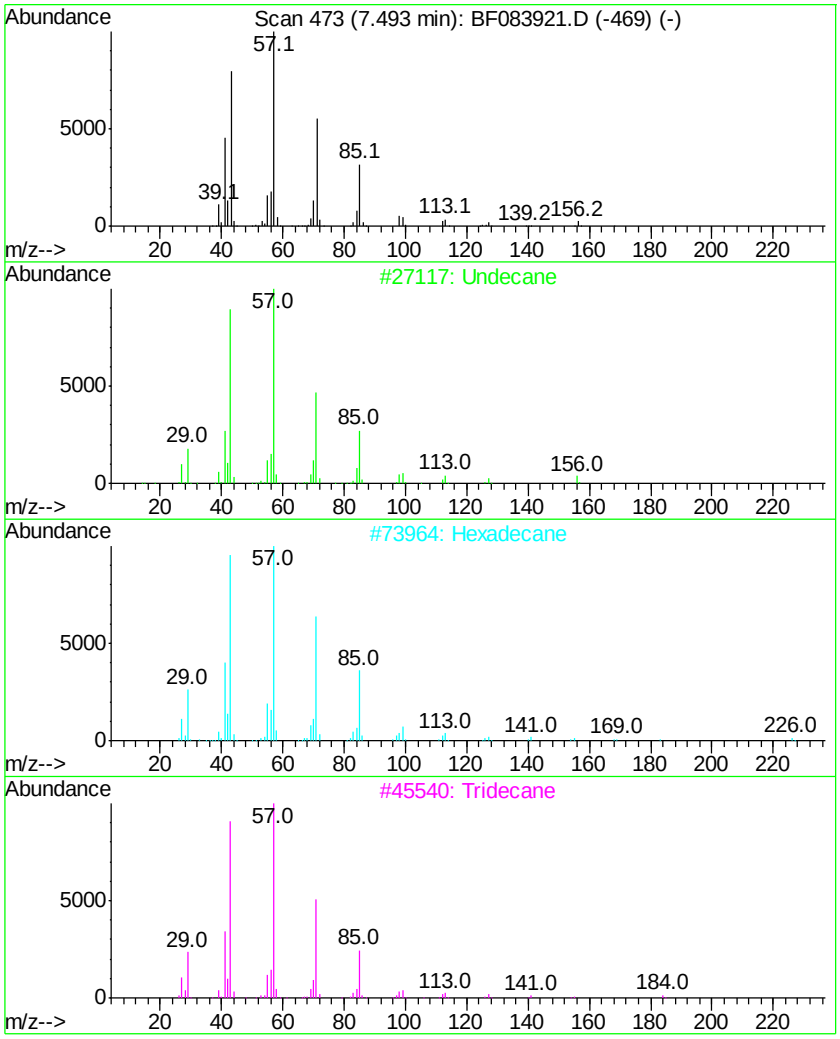
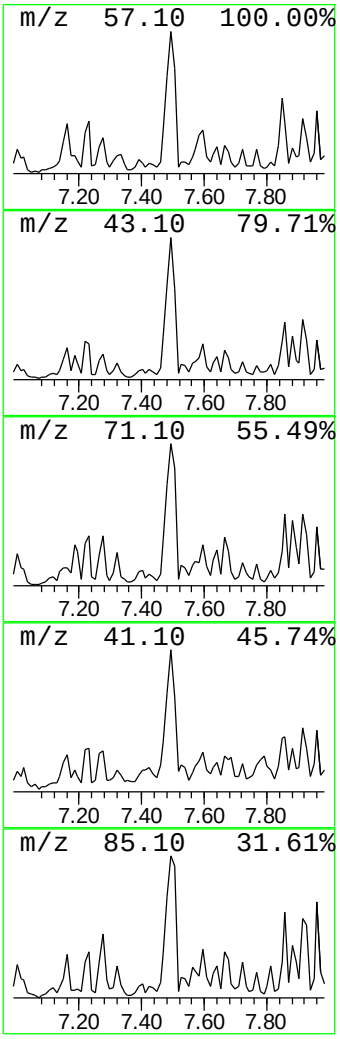
Peak Number 16 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	308.75 ng	8943490	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5	Decane	142	C10H22	000124-18-5	64





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Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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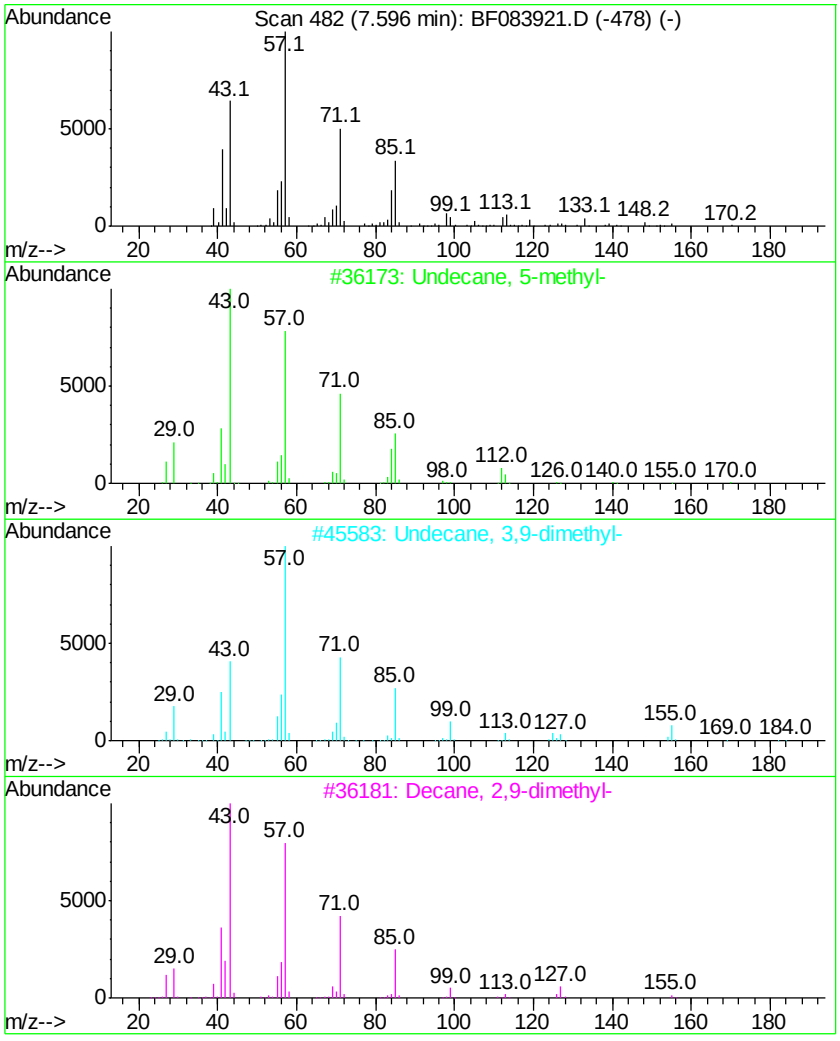
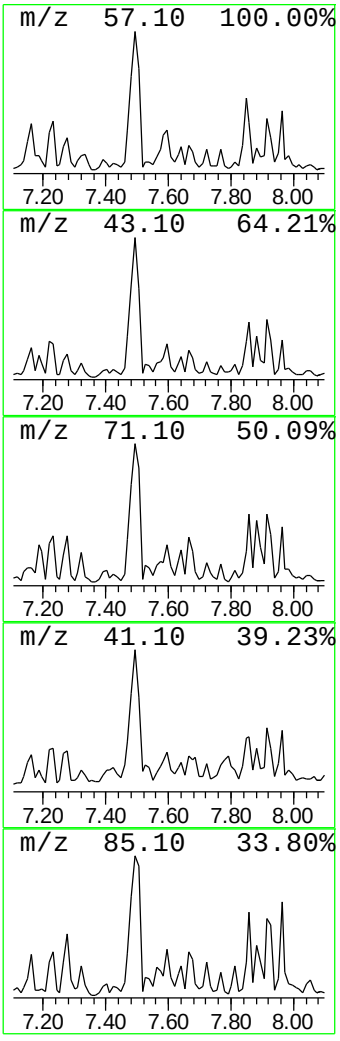
Peak Number 17 Undecane, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	12.68 ng	3799970	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	68
2	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
4	Tridecane	184	C13H28	000629-50-5	64
5	Dodecane	170	C12H26	000112-40-3	59





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Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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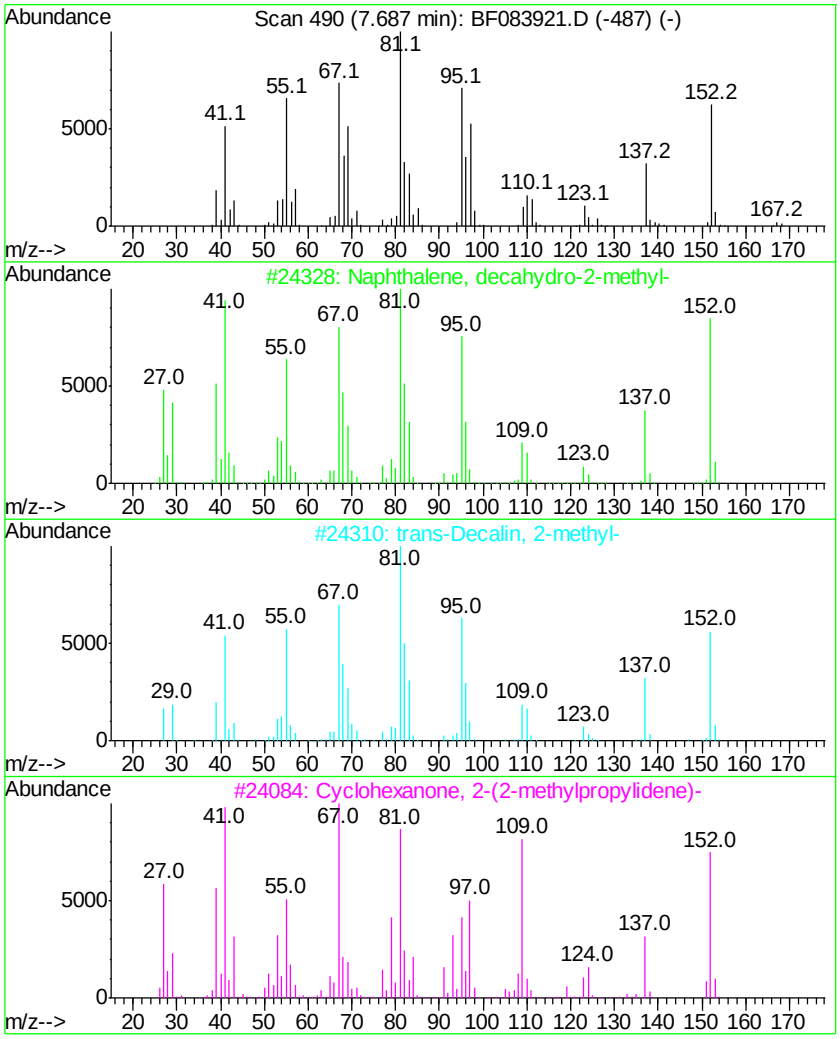
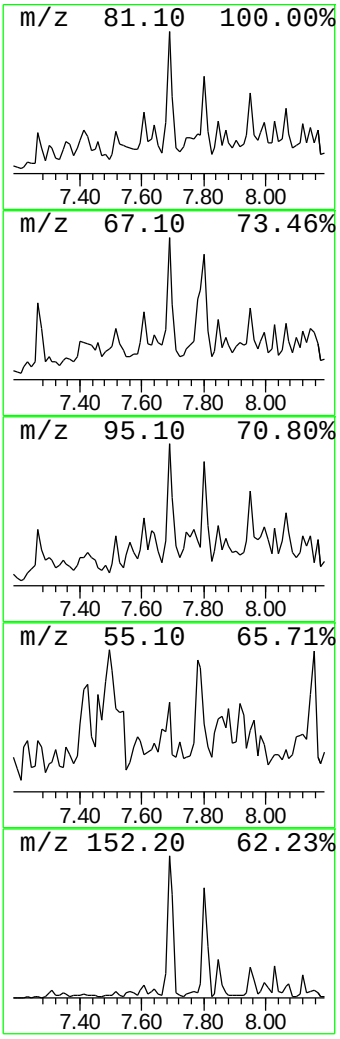
Peak Number 18 Naphthalene, decahydro-2-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	12.49 ng	3742580	Naphthalene-d8	8.16

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	Cyclohexanone, 2-(2-methylpropyl...	152	C10H16O	043108-69-6	80
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	60
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083921.D
Acq On : 18 Dec 2015 19:03
Operator : UM/SJ
Sample : G4817-01 20X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9873

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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
Decane, 2,5,6-tri...	6.36	21.8	ng	630599	1	6.86	579332	20.0
unknown6.40	6.40	22.8	ng	660442	1	6.86	579332	20.0
Benzene, 1,2,3-tr...	6.46	25.4	ng	735380	1	6.86	579332	20.0
Benzene, 1-ethyl-...	6.56	13.7	ng	395406	1	6.86	579332	20.0
Cyclohexane, 1-me...	6.61	10.0	ng	289762	1	6.86	579332	20.0
unknown6.65	6.65	13.6	ng	394036	1	6.86	579332	20.0
Decane	6.72	88.5	ng	2564480	1	6.86	579332	20.0
unknown6.93	6.93	26.3	ng	762819	1	6.86	579332	20.0
unknown6.97	6.97	10.0	ng	289944	1	6.86	579332	20.0
Cyclohexane, (2-m...	7.02	66.9	ng	1938320	1	6.86	579332	20.0
Heptane, 2,4,6-tr...	7.16	103.4	ng	2995870	1	6.86	579332	20.0
Benzene, 1-methyl...	7.20	45.3	ng	1310970	1	6.86	579332	20.0
Decane, 2-methyl-	7.23	67.4	ng	1952720	1	6.86	579332	20.0
Decane, 3-methyl-	7.28	81.4	ng	2358600	1	6.86	579332	20.0
Decane, 2,3,5,8-t...	7.32	75.0	ng	2173820	1	6.86	579332	20.0
Undecane	7.49	308.8	ng	8943490	1	6.86	579332	20.0
Undecane, 5-methyl-	7.60	12.7	ng	3799970	2	8.16	5993290	20.0
Naphthalene, deca...	7.69	12.5	ng	3742580	2	8.16	5993290	20.0