LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

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	350	352	356	rBV	161431	190410	2.95%	0.261%
2	6.167	356	357	359	rBV	73789	89175	1.38%	0.122%
3	6.304	366	369	372	rBV	102918	206962	3.20%	0.284%
4	6.362	372	374	376	rVV2	324919	669643	10.37%	0.919%
5	6.396	376	377	381	rVV2	441626	729446	11.29%	1.001%
6	6.464	381	383	389	rVV	604049	1004020	15.54%	1.378%
7	6.556	389	391	393	rVV2	318348	504741	7.81%	0.693%
8	6.613	393	396	398	rVV2	292687	656822	10.17%	0.902%
9	6.647	398	399	401	rVV	288394	462054	7.15%	0.634%
10	6.716	401	405	407	rVV2	2033831	3579423	55.41%	4.913%
11	6.819	410	414	417	rVV4	305664	1023389	15.84%	1.405%
12	6.864	417	418	419	rVV	788072	757359	11.72%	1.040%
13	6.899	419	421	422	rVV	1157762	1451878	22.47%	1.993%
14	6.933	422	424	426	rVV2	532492	942349	14.59%	1.293%
15	6.967	426	427	428	rVV	301781	340086	5.26%	0.467%
16	7.024	428	432	434	rVV2	876225	2029231	31.41%	2.785%
17	7.059	434	435	436	rVV	337974	280289	4.34%	0.385%
18	7.150	436	443	445	rVV	1160737	2987168	46.24%	4.100%
19	7.196	445	447	448	rVV2	889635	1368110	21.18%	1.878%
20	7.219	448	449	451	rVV	1171845	1685036	26.08%	2.313%
21	7.265	451	453	455	rVV	1304200	2091745	32.38%	2.871%
22	7.322	455	458	461	rVV3	663729	1994988	30.88%	2.738%
23	7.367	461	462	463	rVV	539691	605130	9.37%	0.831%
24	7.413	463	466	469	rVV4	1022548	3008728	46.57%	4.130%
25	7.493	469	473	474	rVV	3848847	6460033	100.00%	8.867%
26	7.527	474	476	478	rVV3	965810	1957187	30.30%	2.686%
27	7.596	478	482	484	rVV4	1183554	3199090	49.52%	4.391%
28	7.642	484	486	487	rVV	858931	1602200	24.80%	2.199%
29	7.687	487	490	492	rVV3	1309363	3035791	46.99%	4.167%
30	7.722	492	493	494	rVV	611890	691818	10.71%	0.950%
31	7.779	494	498	502	rVV6	1080961	4105640	63.55%	5.635%
32	7.847	502	504	506	rVV2	1428233	2642859	40.91%	3.627%
33	7.882	506	507	508	rVV	1350155	1335966	20.68%	1.834%
34	7.916	508	510	512	rVV2	1677015	2647062	40.98%	3.633%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

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	rVV	1446463	1841483	28.51%	2.528%
36	7.985	515	516	518	rVV2	635811	970925	15.03%	1.333%
37	8.030	518	520	522	rVV2	451380	1044649	16.17%	1.434%
38	8.065	522	523	524	rVV	482921	543460	8.41%	0.746%
39	8.099	524	526	527	rVV2	506805	892122	13.81%	1.224%
40	8.156	528	531	533	rVV	3577526	4890000	75.70%	6.712%
41	8.225	534	537	538	rVV	962290	1389530	21.51%	1.907%
42	8.247	538	539	543	rVV3	356369	863869	13.37%	1.186%
43	8.316	543	545	547	rVV	201558	380110	5.88%	0.522%
44	8.362	547	549	550	rVV2	155812	270103	4.18%	0.371%
45	8.453	553	557	560	rVV3	305135	648271	10.04%	0.890%
46	8.499	560	561	563	rVV2	144080	157046	2.43%	0.216%
47	8.533	563	564	566	rVB	215821	204620	3.17%	0.281%
48	8.579	566	568	570	rBV	234188	228508	3.54%	0.314%
49	8.750	581	583	585	rVB	288806	242184	3.75%	0.332%
50	9.905	681	684	686	rBV	552004	498450	7.72%	0.684%
51	11.391	811	814	816	rBV	412269	508775	7.88%	0.698%
52	14.019	1042	1044	1047	rBV	509822	530520	8.21%	0.728%
53	15.460	1168	1170	1173	rBV	327428	416067	6.44%	0.571%

Sum of corrected areas: 72856520

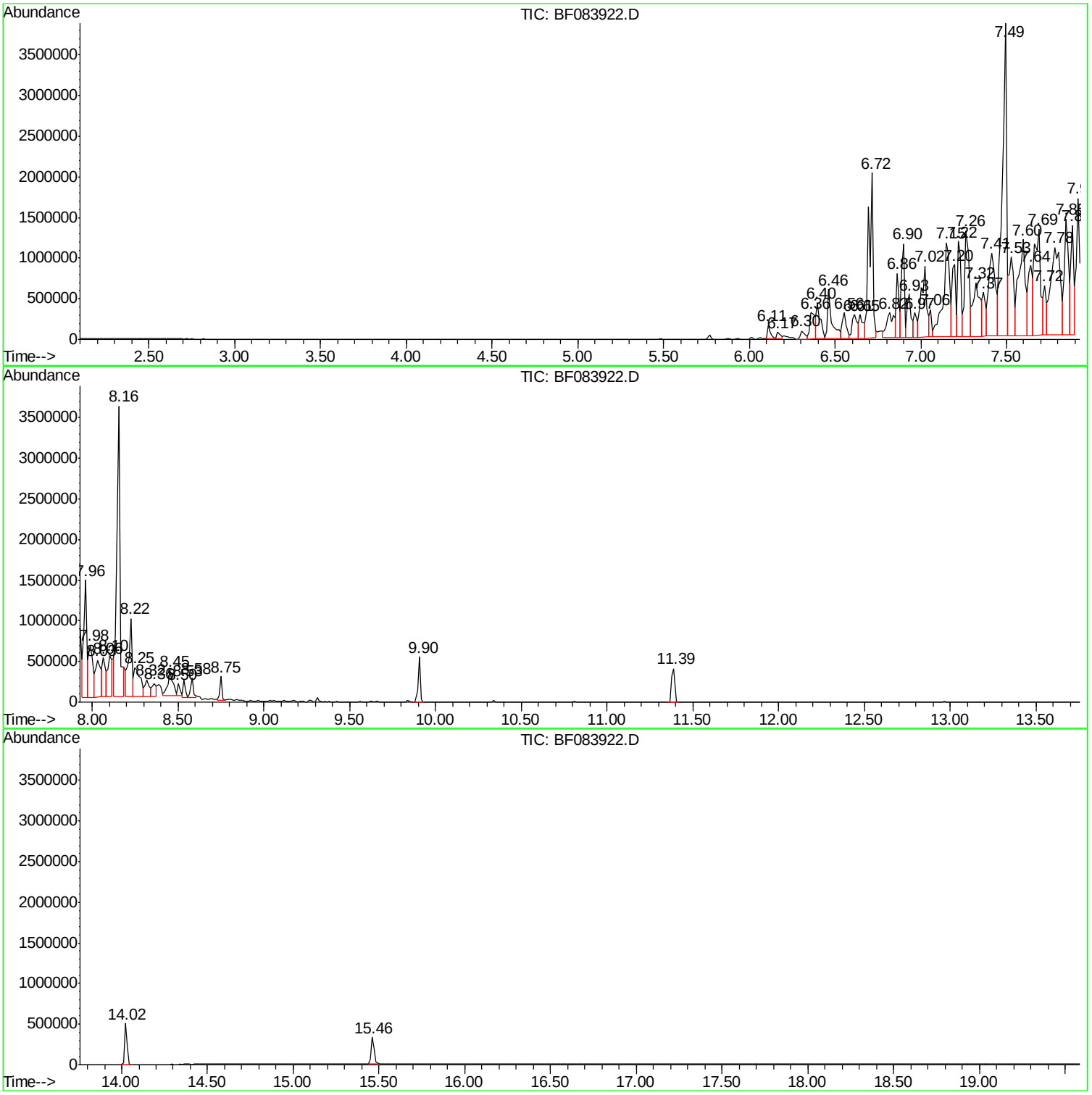
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9874

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 : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

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

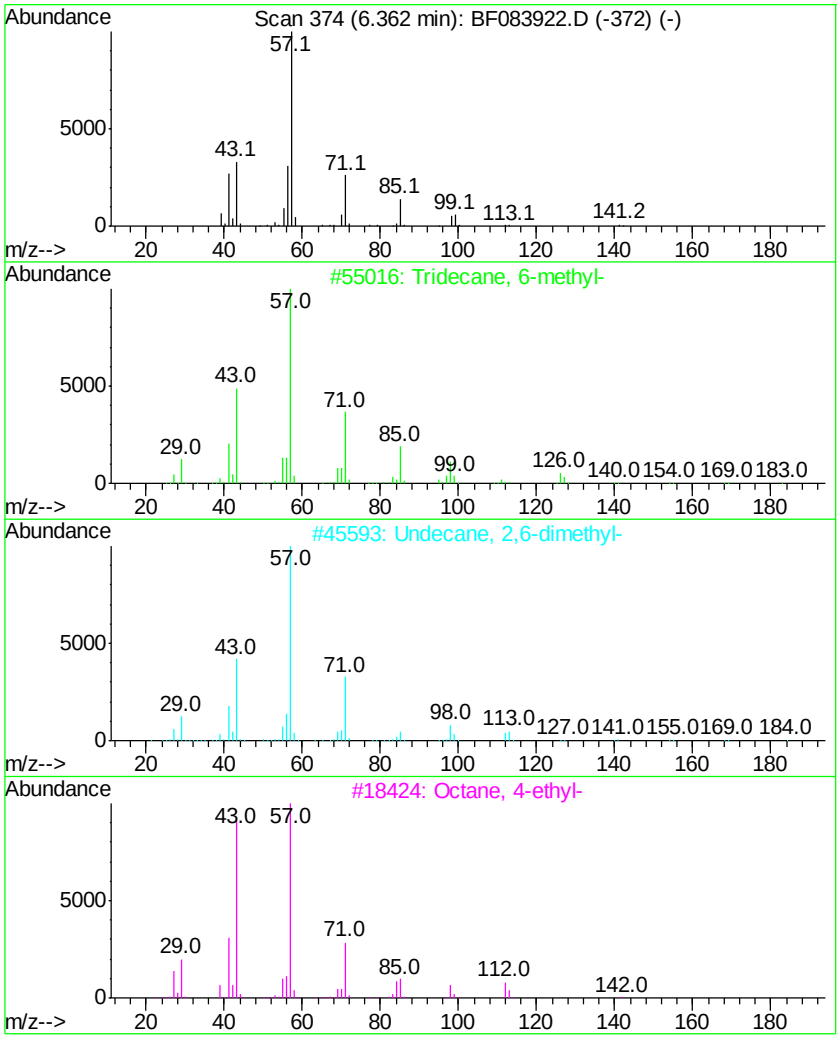
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

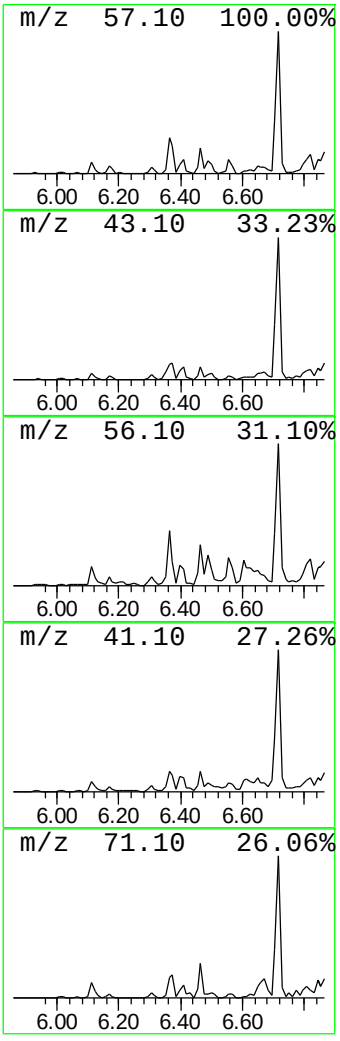
****

Peak Number 1 Tridecane, 6-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	17.68 ng	669643	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	53
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

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

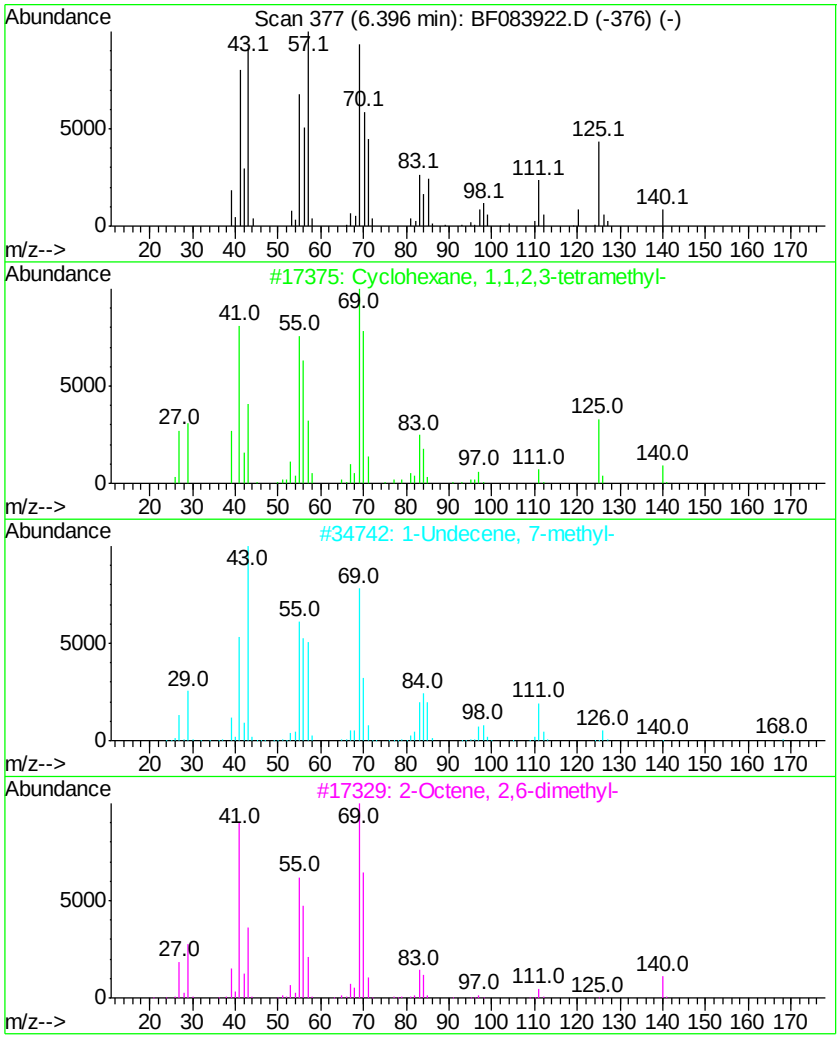
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

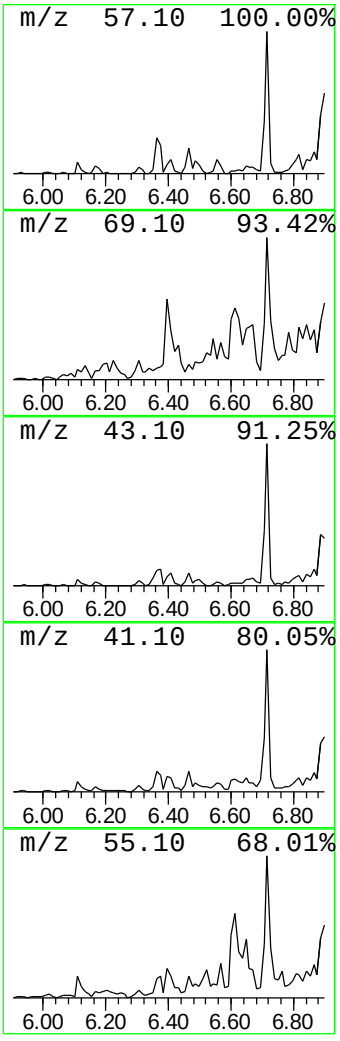
****

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	19.26 ng	729446	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	76
2	1-Undecene, 7-methyl-	168	C12H24	074630-42-5	52
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
4	1-Hexene, 2,5,5-trimethyl-	126	C9H18	062185-56-2	43
5	Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

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

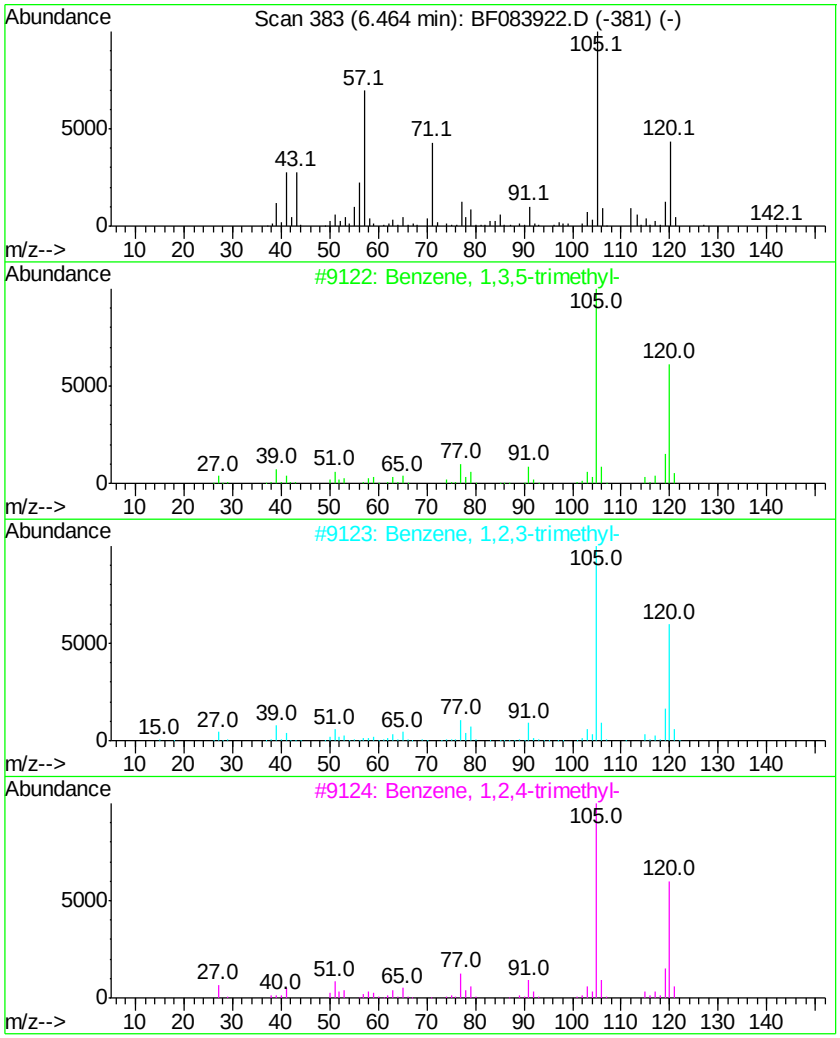
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

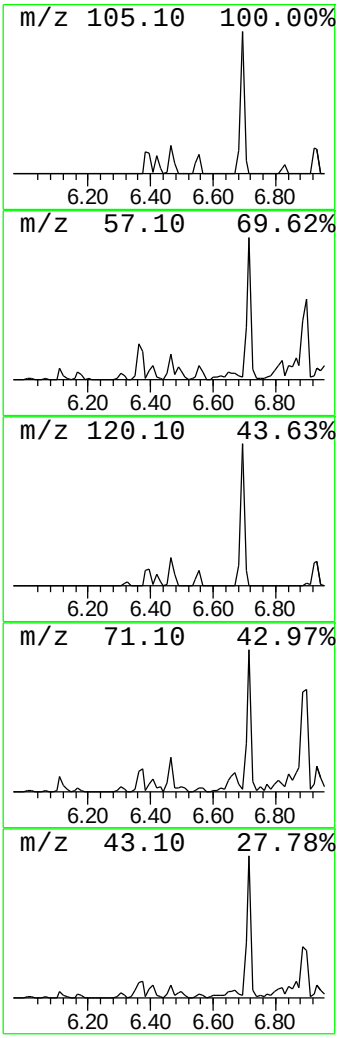
****

Peak Number 3 Benzene, 1,3,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	26.51 ng	1004020	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	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	70
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	50
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

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

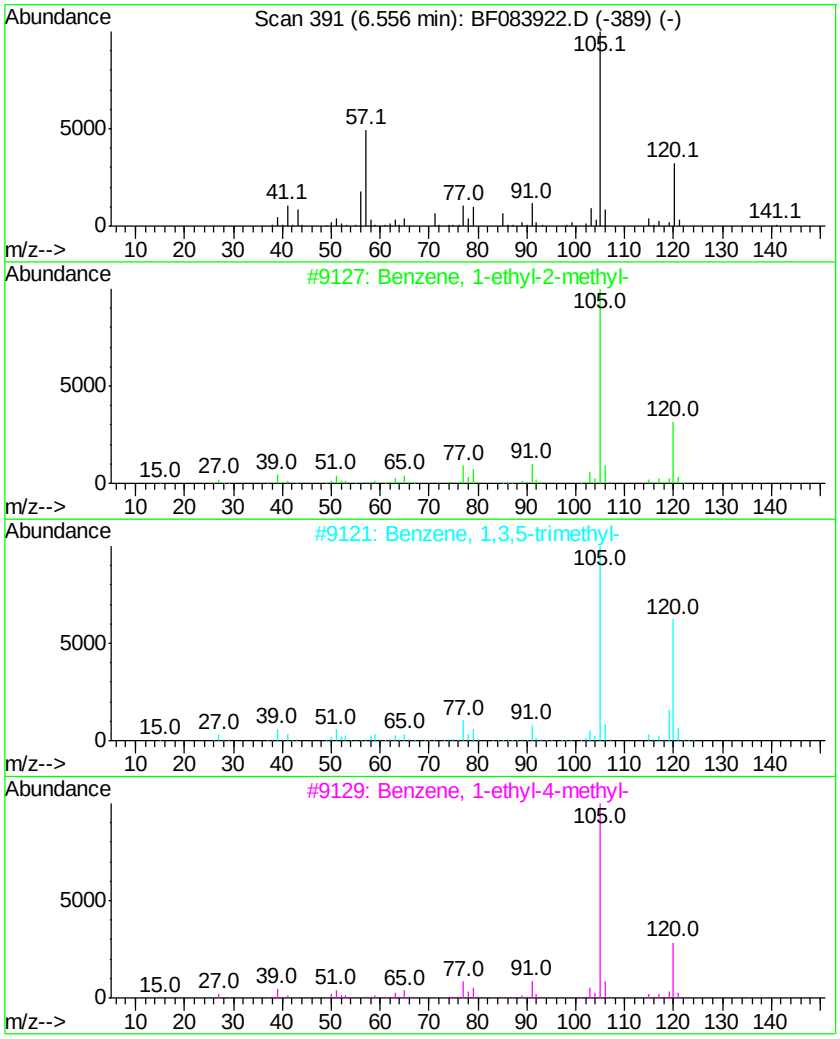
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

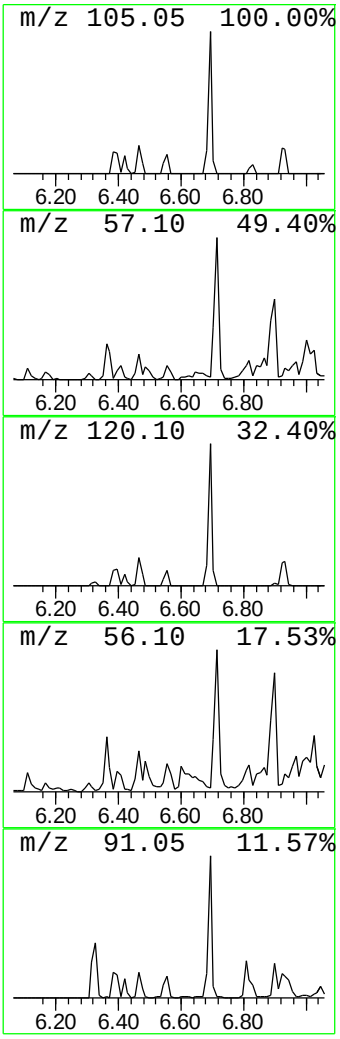
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	13.33 ng	504741	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	94
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	76
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

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

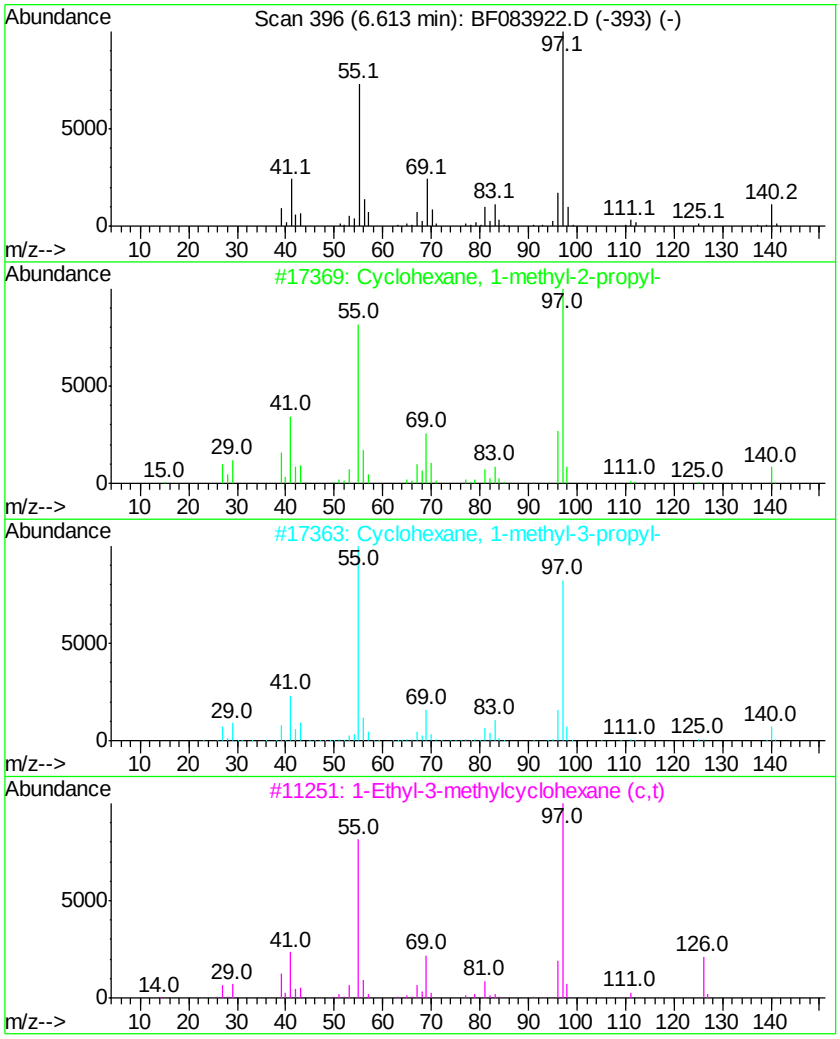
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

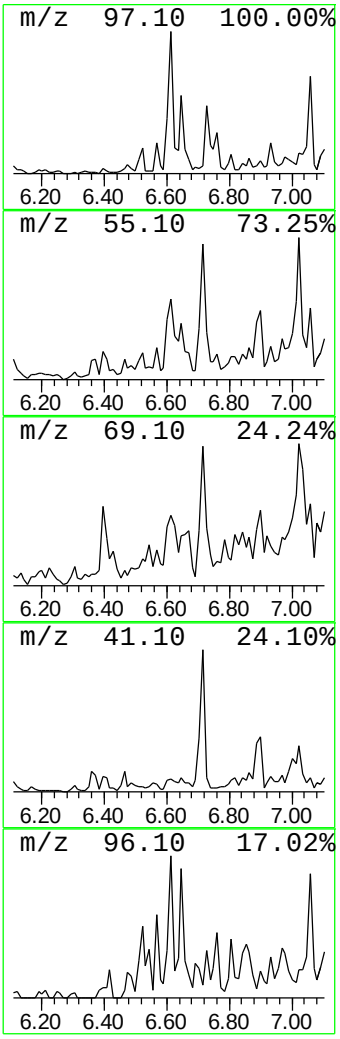
****

Peak Number 5 Cyclohexane, 1-methyl-2-pro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	17.35 ng	656822	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	90
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	83
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
5	Semustine	247	C10H18ClN3O2	013909-09-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

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

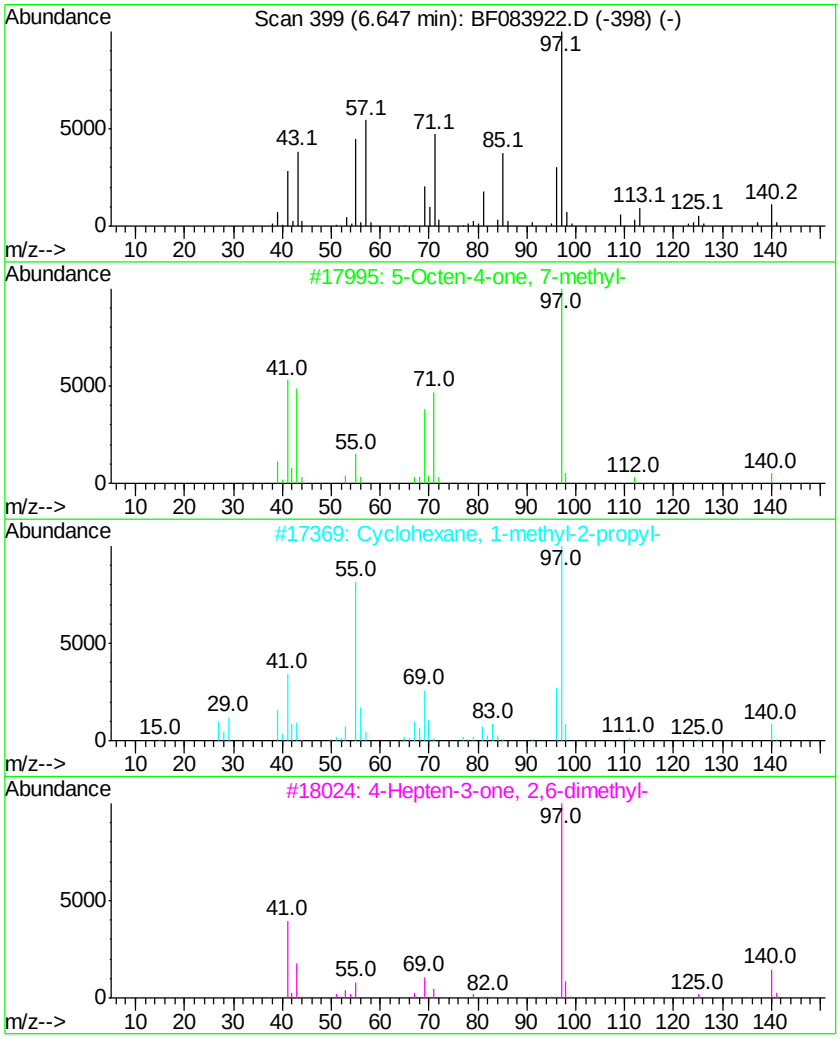
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

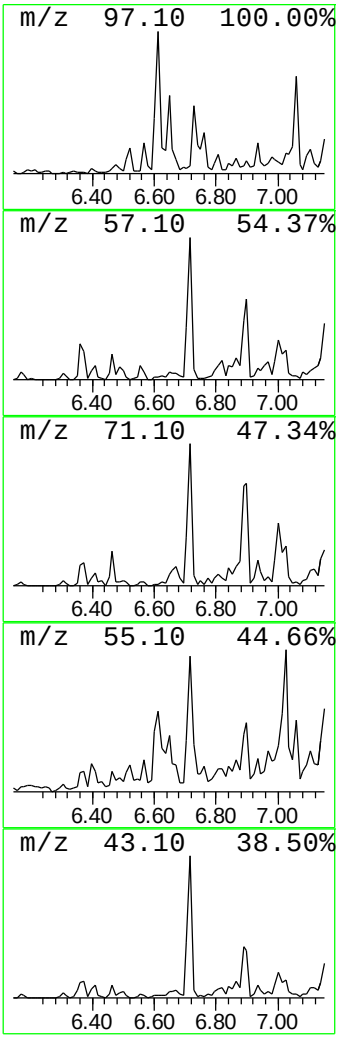
****

Peak Number 6 5-Octen-4-one, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	12.20 ng	462054	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	53
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	43
3	4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	43
4	2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	38
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

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

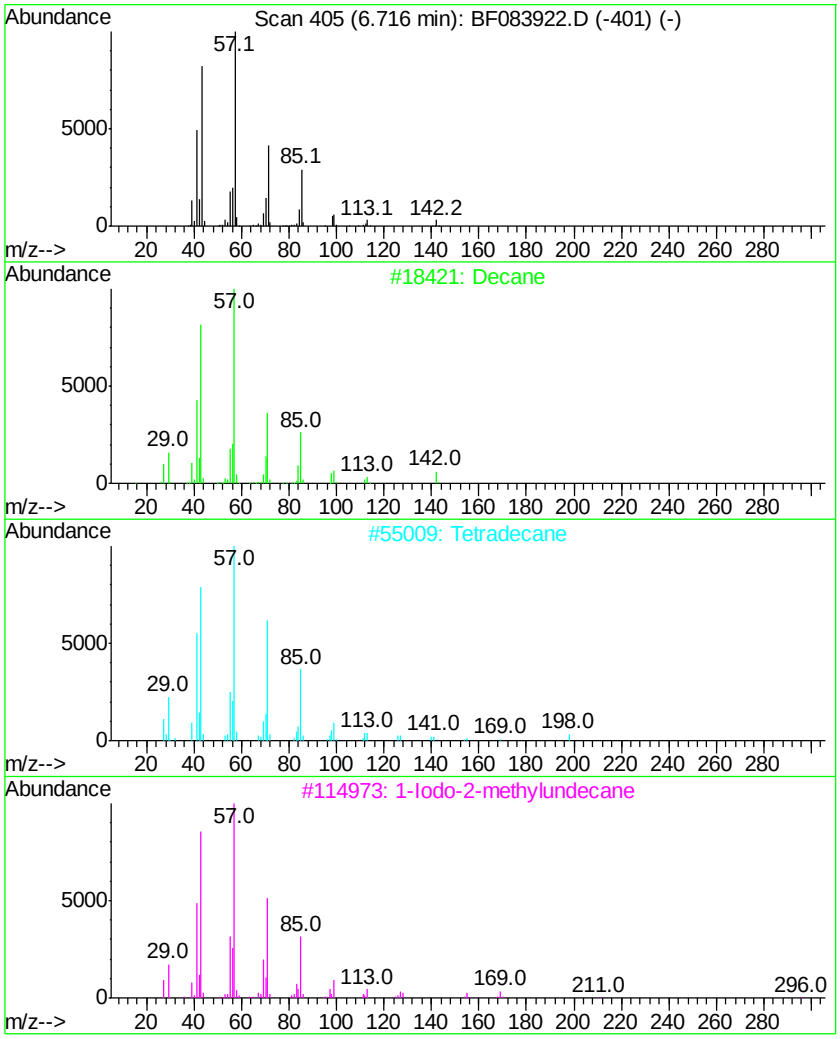
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

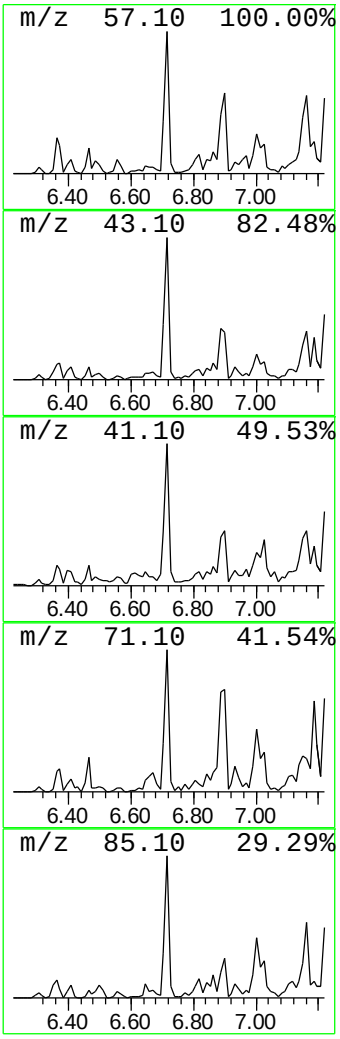
****

Peak Number 7 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	94.52 ng	3579420	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	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
4	Hexadecane	226	C16H34	000544-76-3	72
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

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

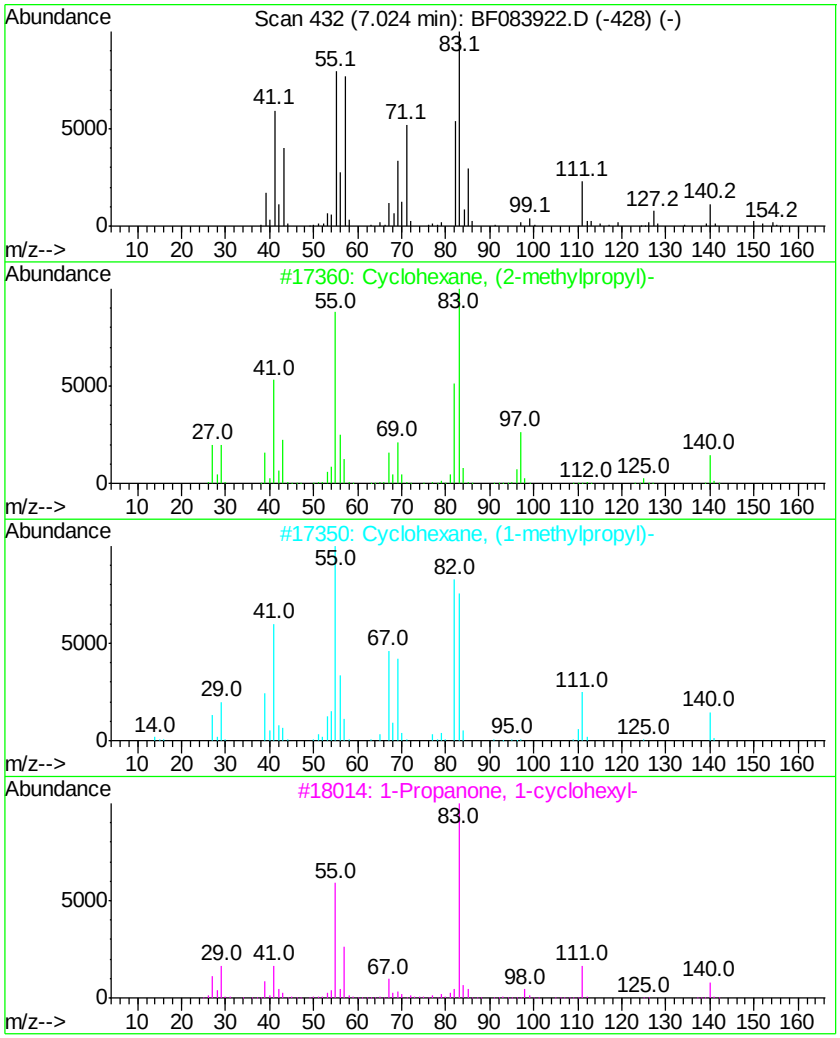
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

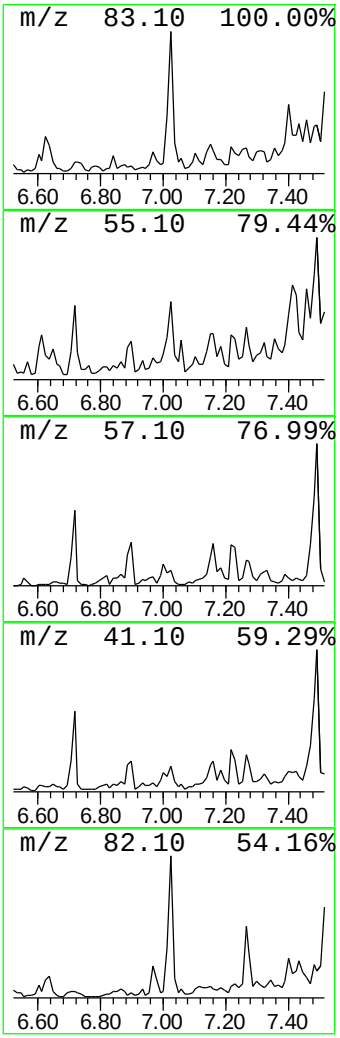
****

Peak Number 9 Cyclohexane, (2-methylpropyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	53.59 ng	2029230	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, (1-methylpropyl)-	140	C10H20	007058-01-7	46
3	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	46
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
5	1-Butanone, 1-cyclohexyl-	154	C10H18O	001462-27-7	38





Library Search Compound Report

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Data File : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

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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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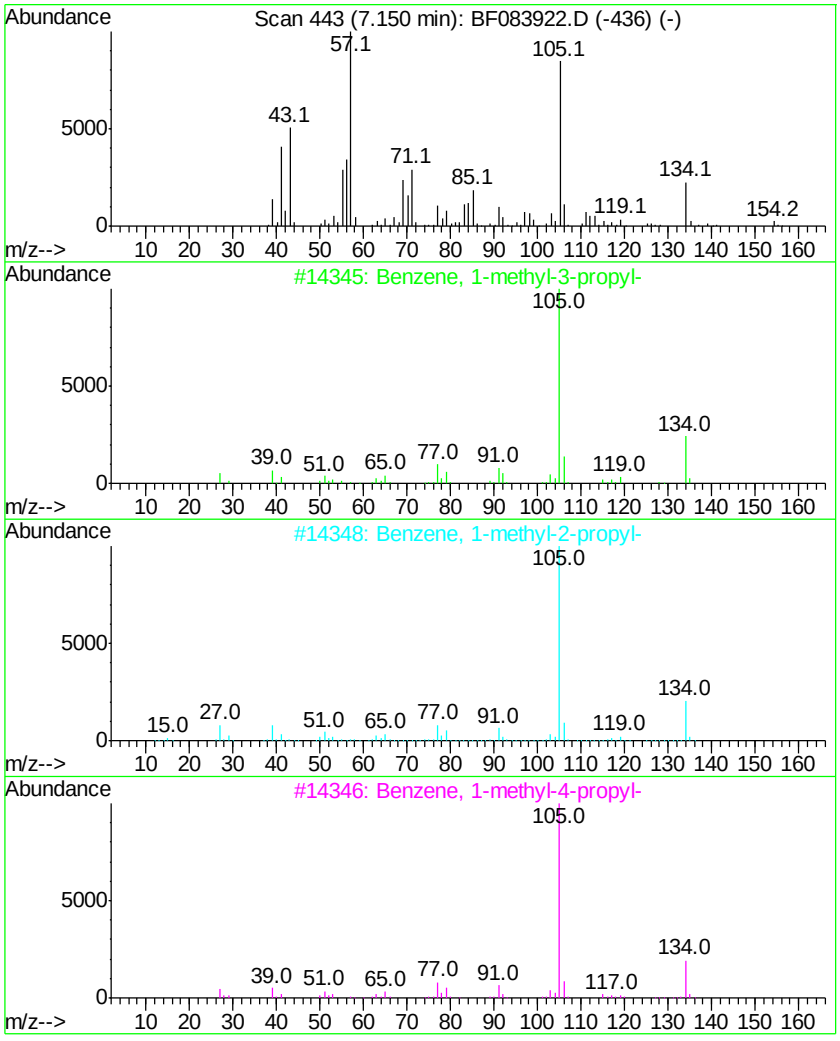
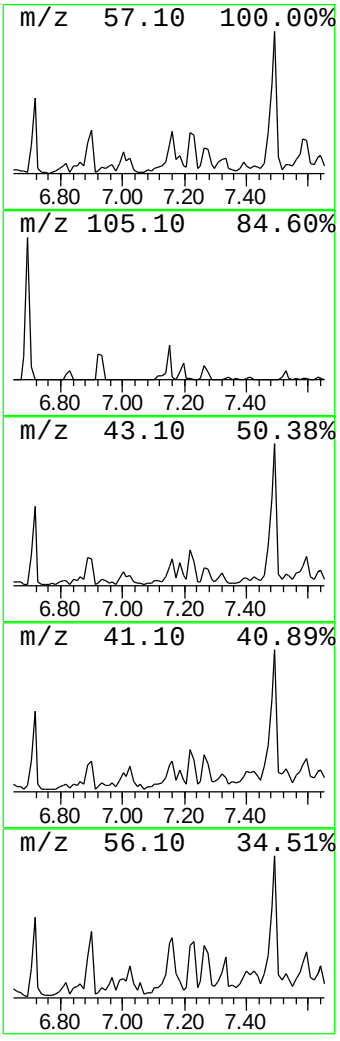
Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	78.88 ng	2987170	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	74
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	38
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	35
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	35





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Sample : G4818-01 20X
Misc :
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Instrument : BNA_F
ClientSampleId : LAR-9874

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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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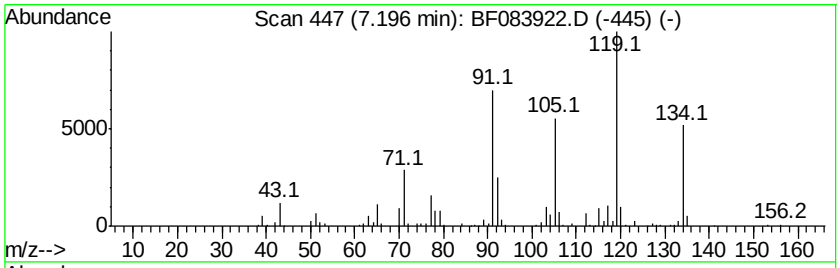
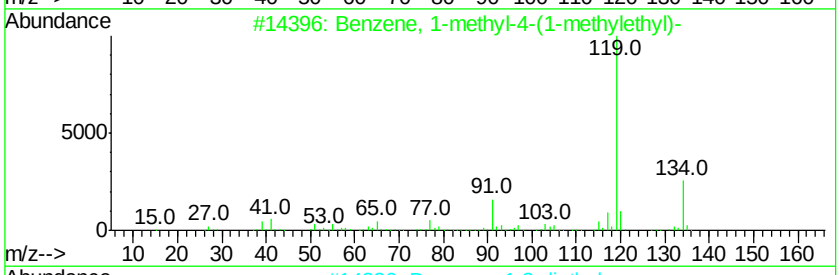
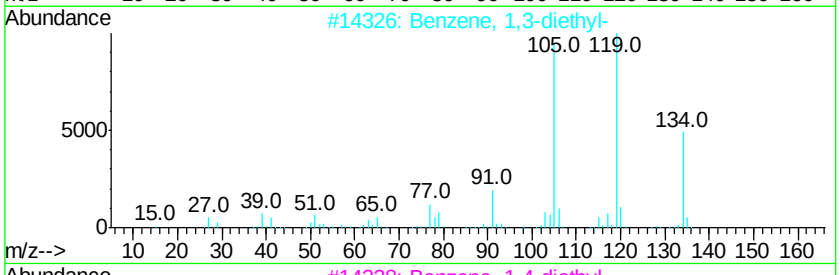
Peak Number 11 Benzene, 1-methyl-4-(1-meth... Concentration Rank 8

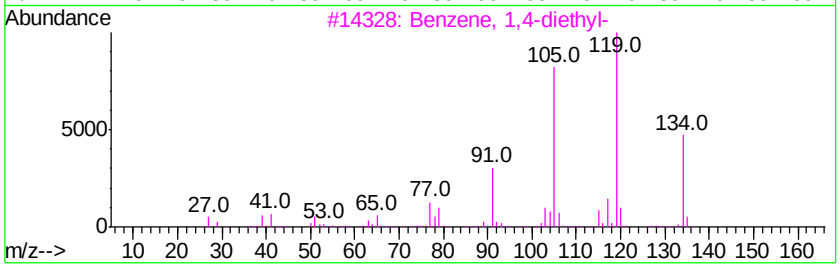
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	36.13 ng	1368110	1,4-Dichlorobenzene-d4	6.86

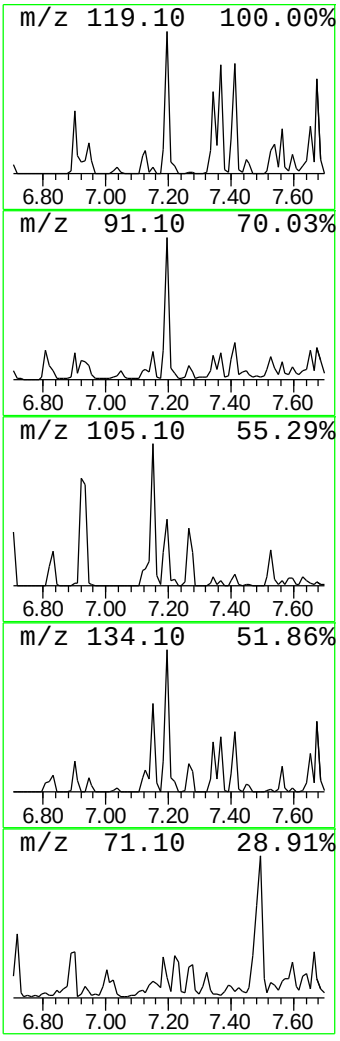
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	93
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	89
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	89
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	89











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Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

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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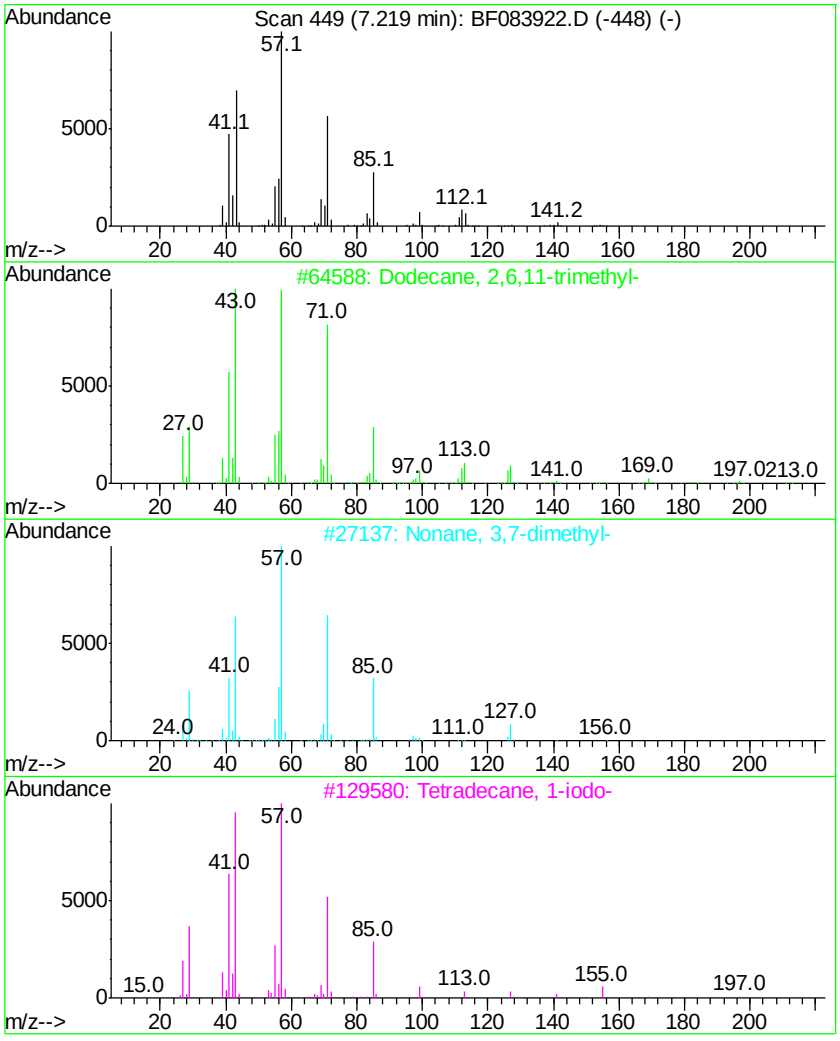
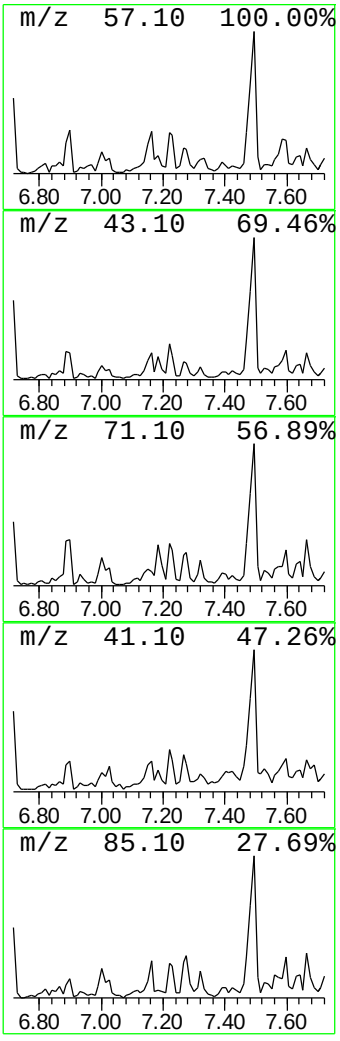
Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	44.50 ng	1685040	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59





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Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

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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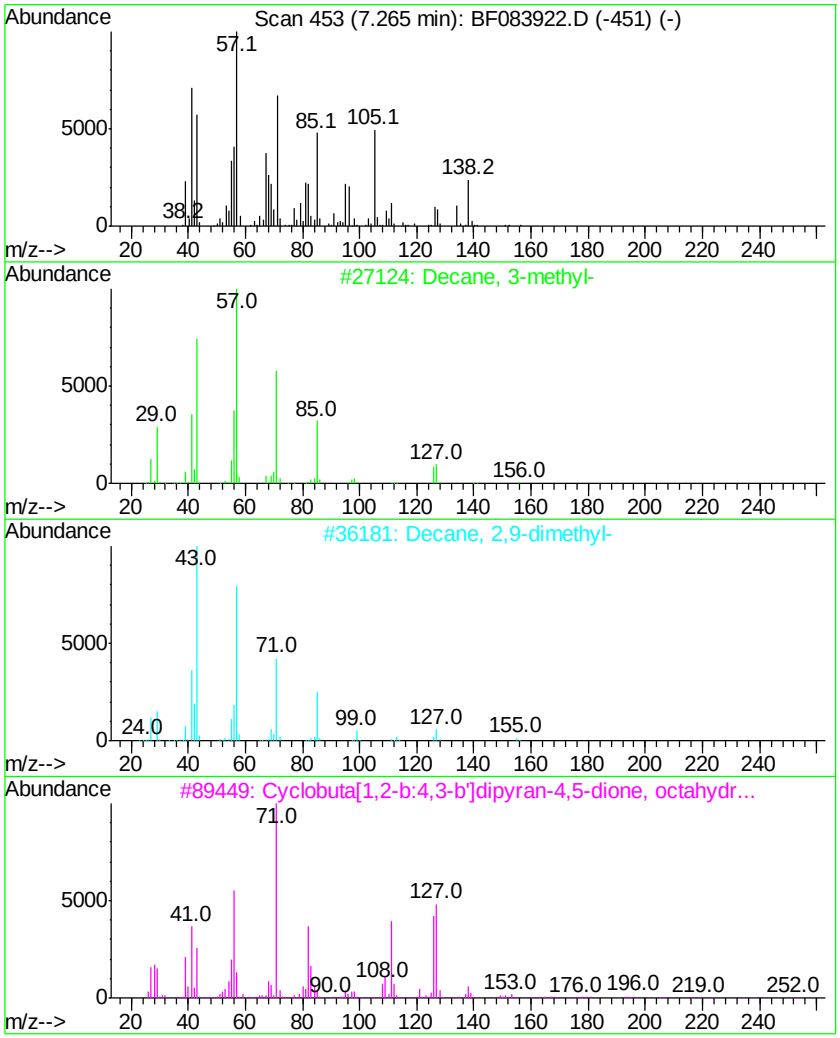
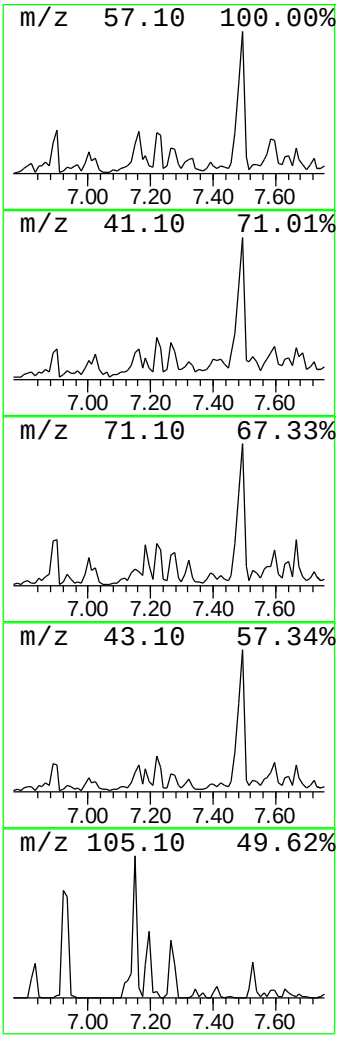
Peak Number 13 unknown7.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	55.24 ng	2091750	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	41
2	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	35
3	Cyclobuta[1,2-b:4,3-b']dipyran-4...	252	C14H20O4	054637-09-1	35
4	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000089-78-1	35
5	10-Methylnonadecane	282	C20H42	056862-62-5	35





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ClientSampleId : LAR-9874

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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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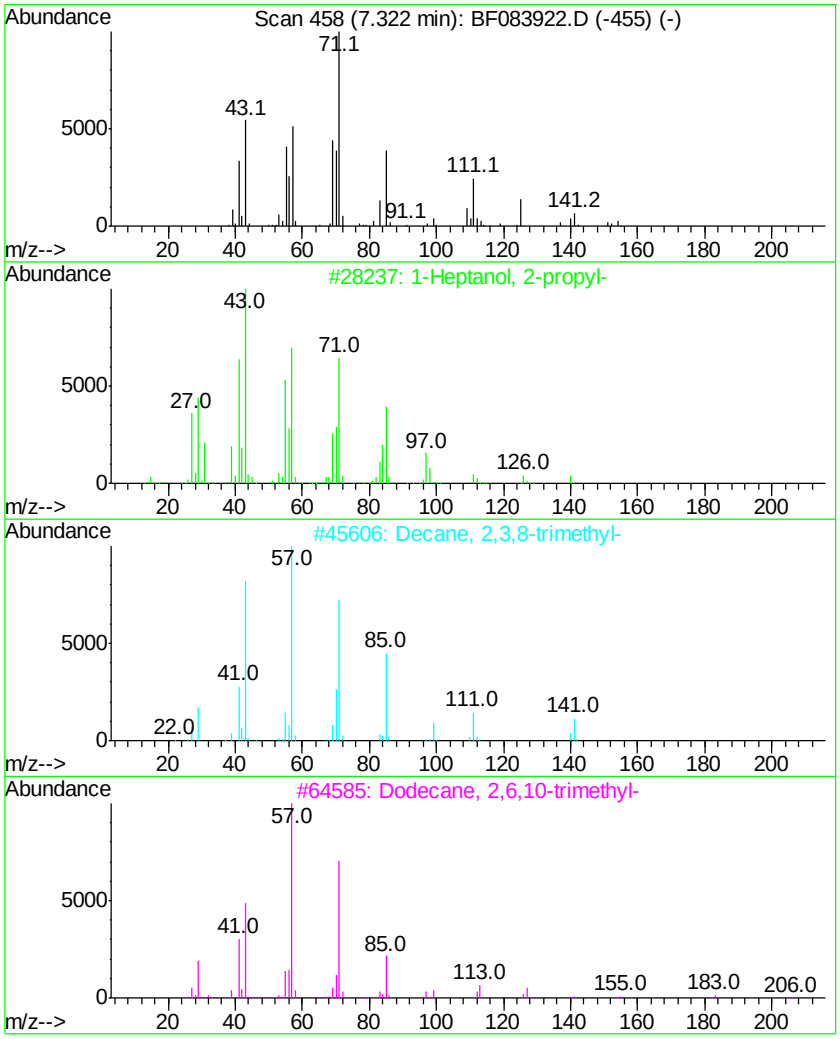
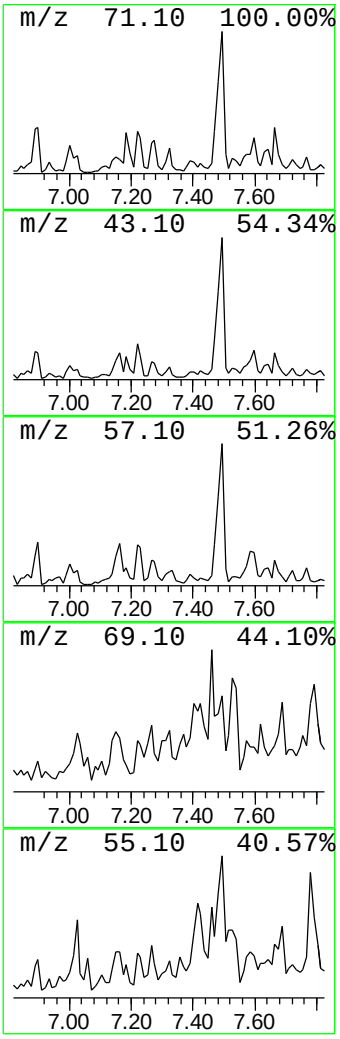
Peak Number 14 1-Heptanol, 2-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	52.68 ng	1994990	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	64
2	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	50
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	47
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	47
5	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	47





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Instrument : BNA_F
ClientSampleId : LAR-9874

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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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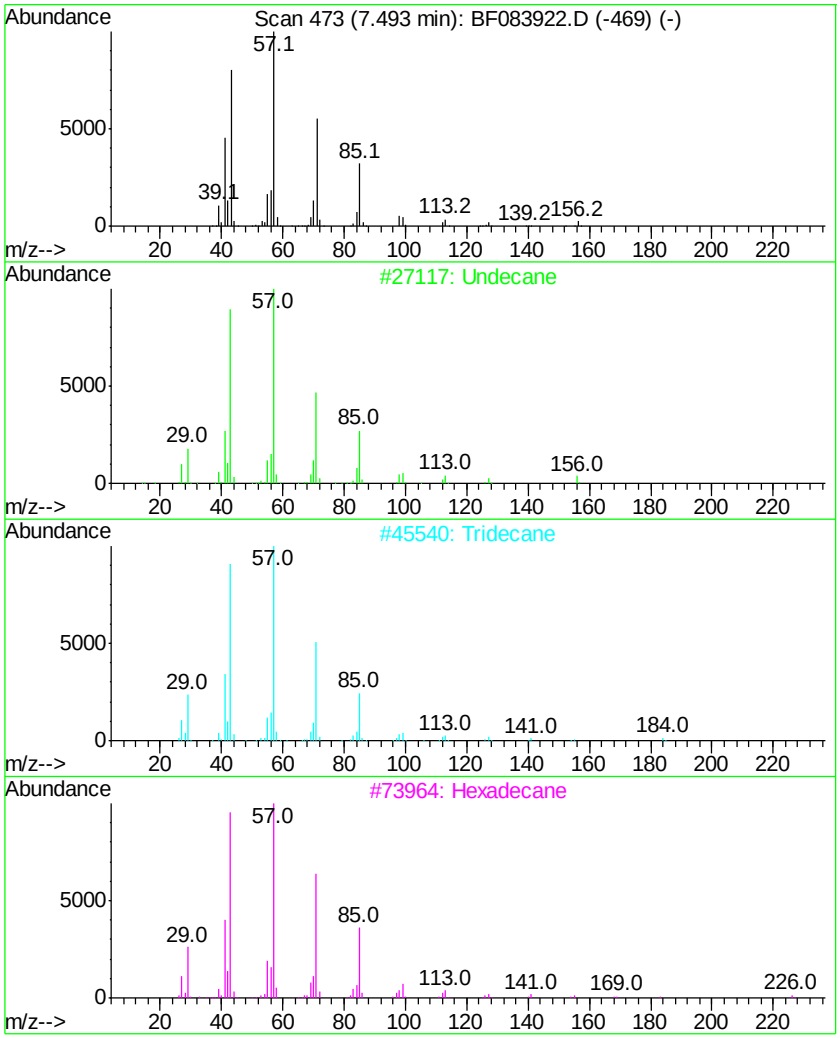
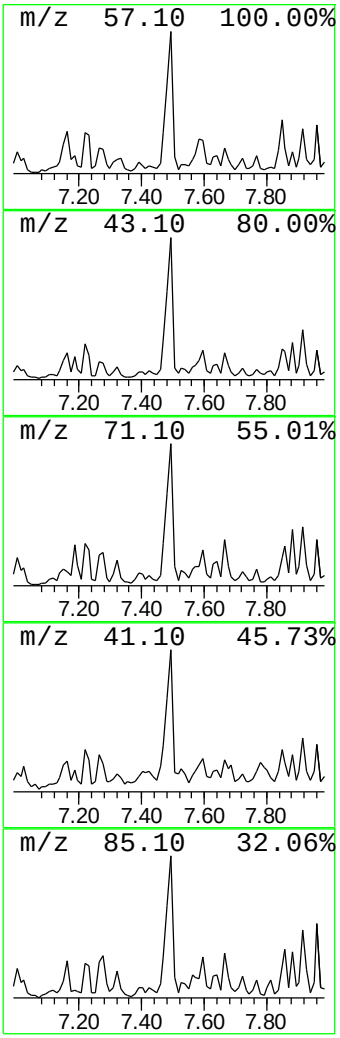
Peak Number 15 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	170.59 ng	6460030	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Tridecane	184	C13H28	000629-50-5	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72





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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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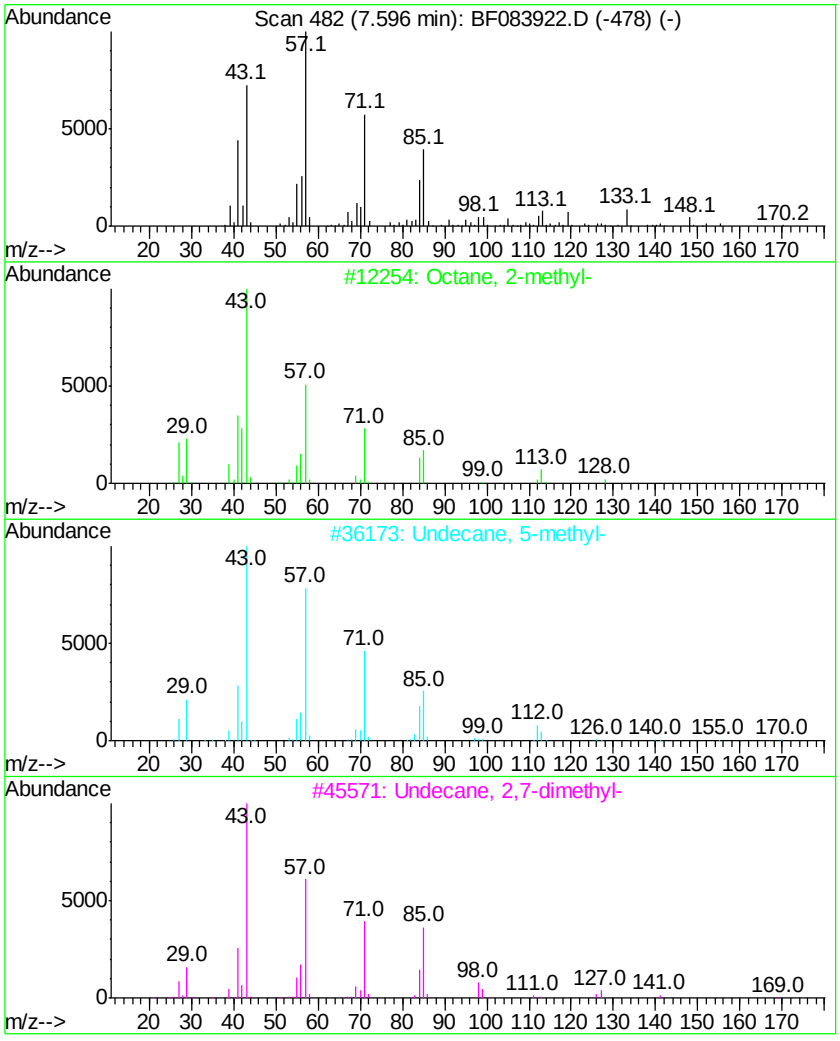
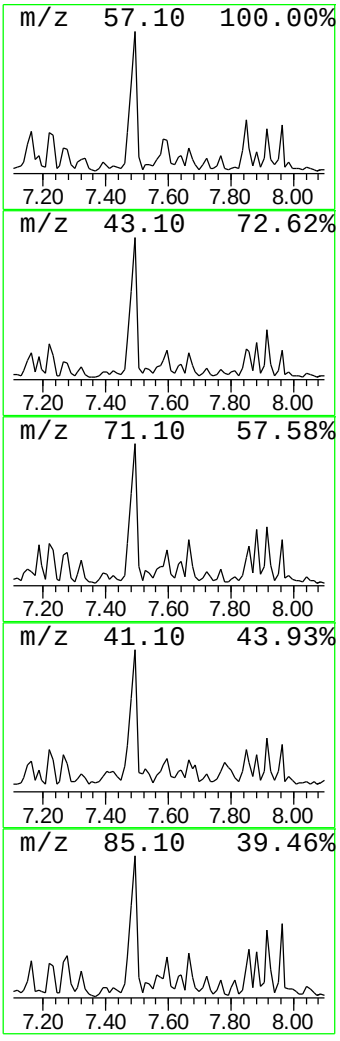
Peak Number 16 Octane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	13.08 ng	3199090	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	86
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	74
3	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	72
4	2,6-Dimethyldecane	170	C12H26	013150-81-7	72
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59





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Instrument : BNA_F
ClientSampleId : LAR-9874

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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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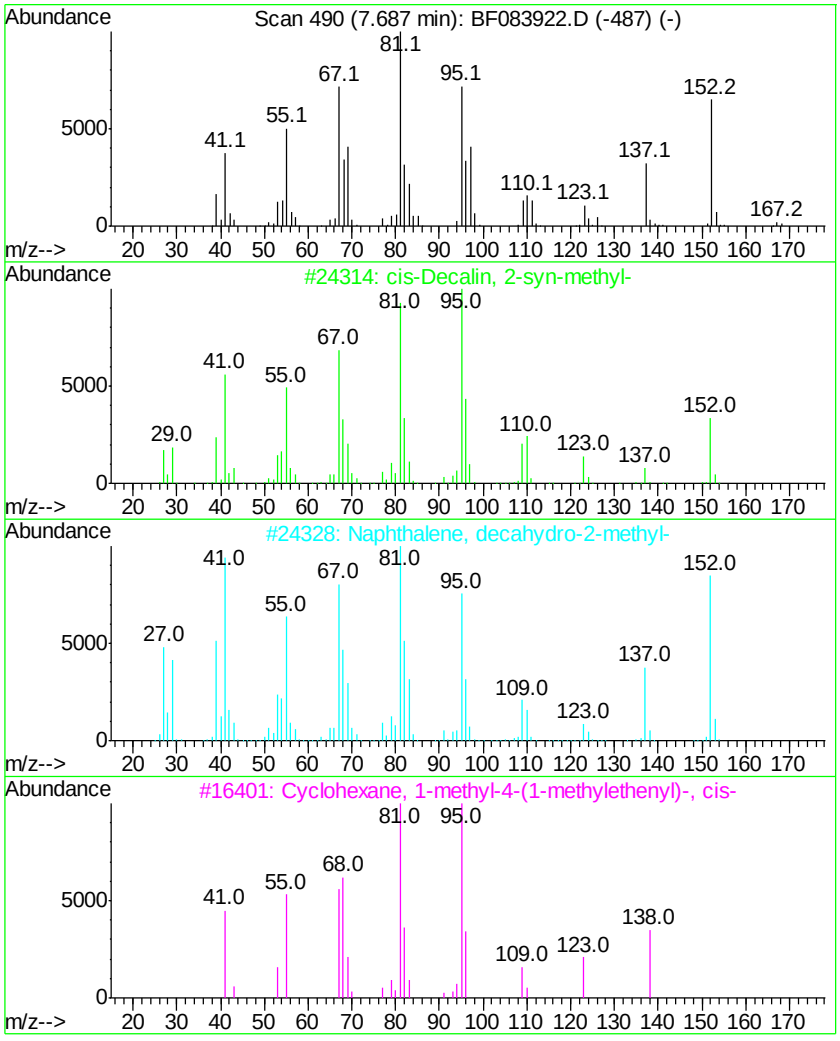
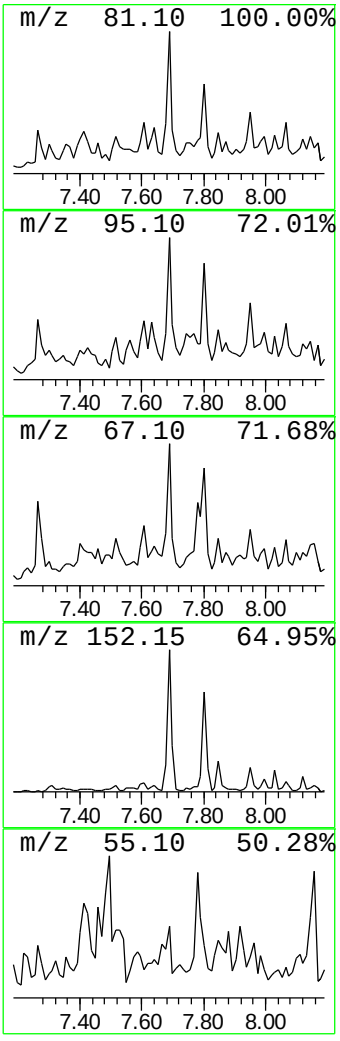
Peak Number 17 cis-Decalin, 2-syn-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	12.42 ng	3035790	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	70
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	55
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	53
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	52
5	cis, cis-2-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-40-0	50





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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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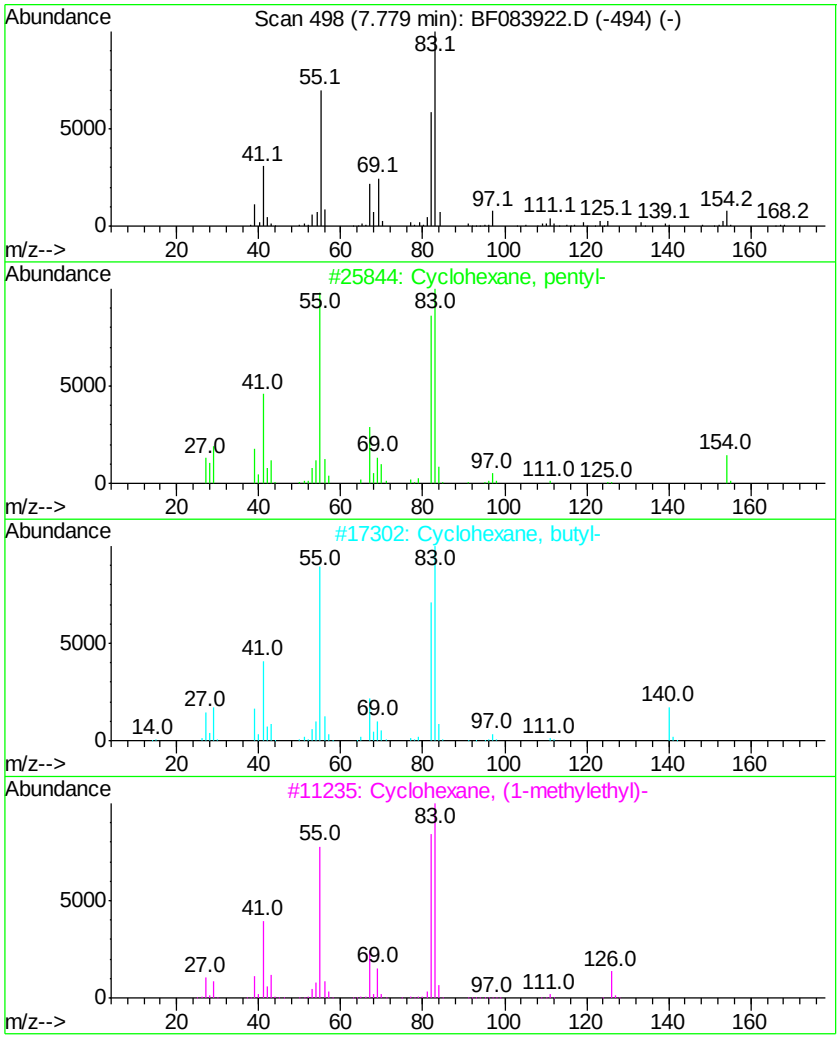
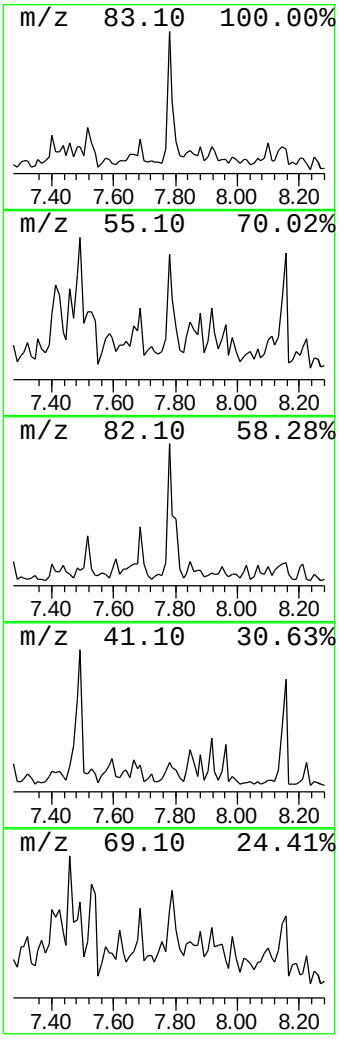
Peak Number 18 Cyclohexane, pentyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	16.79 ng	4105640	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	78
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	78
4	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72





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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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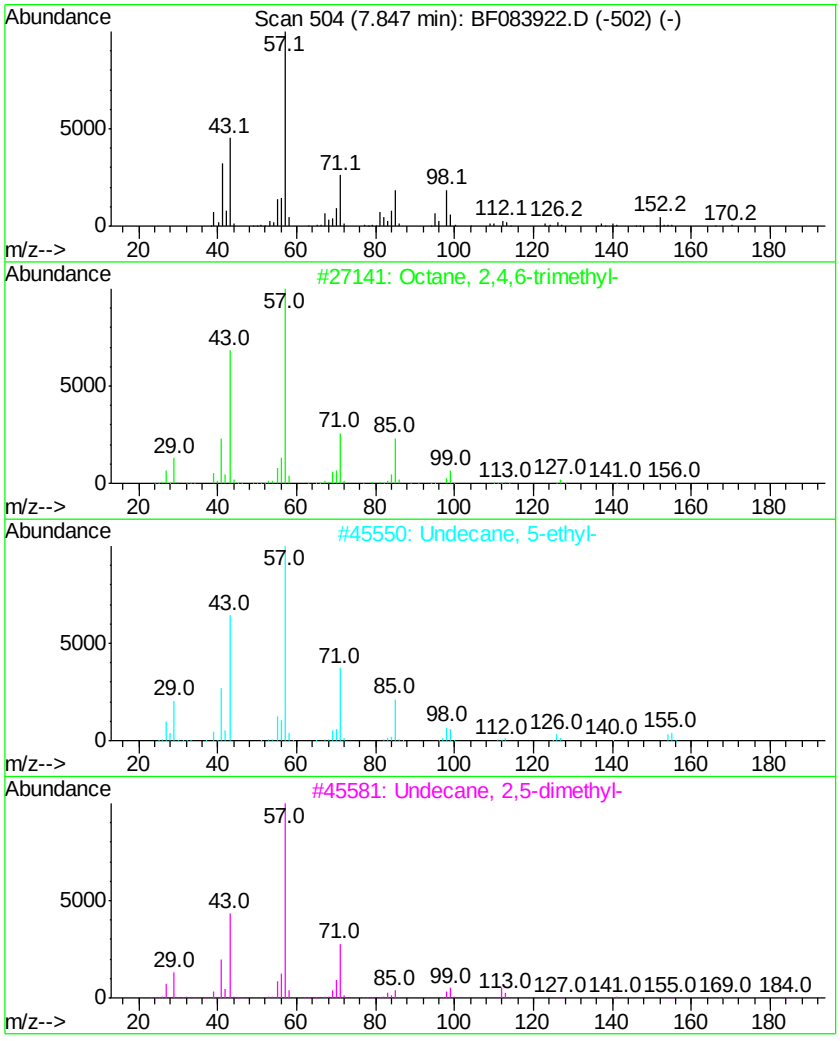
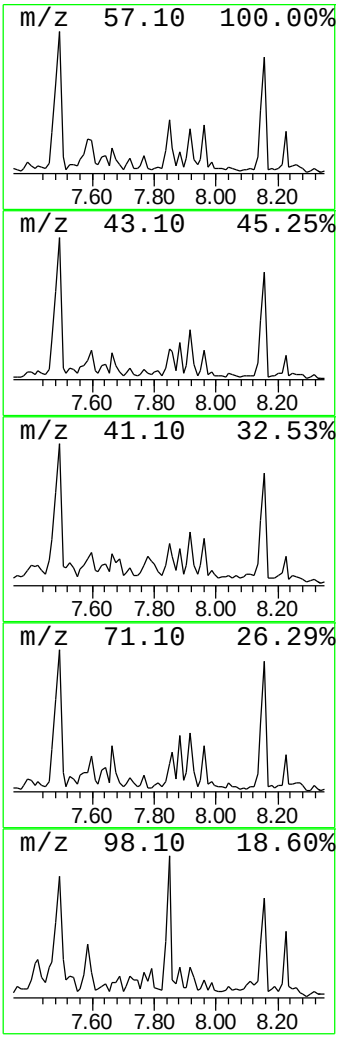
Peak Number 19 Octane, 2,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	10.81 ng	2642860	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	59
4	Dodecane	170	C12H26	000112-40-3	53
5	Decane	142	C10H22	000124-18-5	53





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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

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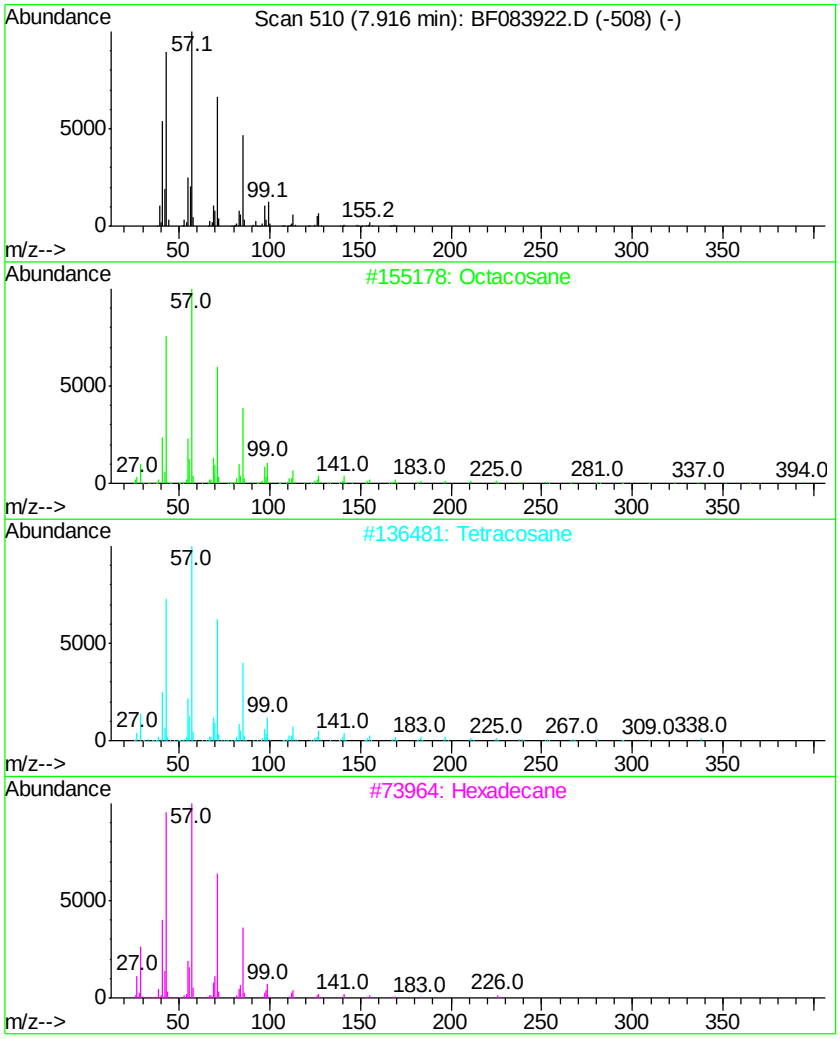
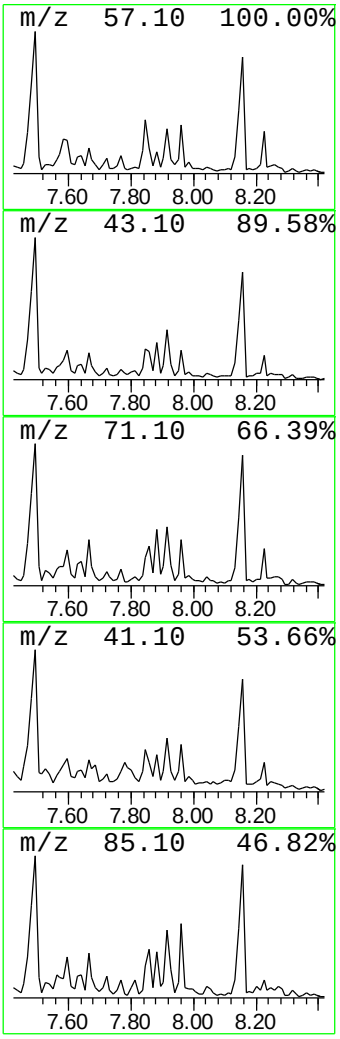
Peak Number 20 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	10.83 ng	2647060	Naphthalene-d8	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tetracosane	338	C24H50	000646-31-1	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
5	Eicosane	282	C20H42	000112-95-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083922.D
Acq On : 18 Dec 2015 19:31
Operator : UM/SJ
Sample : G4818-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LAR-9874

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
Tridecane, 6-methyl-	6.36	17.7	ng	669643	1	6.86	757359	20.0
Cyclohexane, 1,1,...	6.40	19.3	ng	729446	1	6.86	757359	20.0
Benzene, 1,3,5-tr...	6.46	26.5	ng	1004020	1	6.86	757359	20.0
Benzene, 1-ethyl-...	6.56	13.3	ng	504741	1	6.86	757359	20.0
Cyclohexane, 1-me...	6.61	17.4	ng	656822	1	6.86	757359	20.0
5-Octen-4-one, 7-...	6.65	12.2	ng	462054	1	6.86	757359	20.0
Decane	6.72	94.5	ng	3579420	1	6.86	757359	20.0
Cyclohexane, (2-m...	7.02	53.6	ng	2029230	1	6.86	757359	20.0
Benzene, 1-methyl...	7.15	78.9	ng	2987170	1	6.86	757359	20.0
Benzene, 1-methyl...	7.20	36.1	ng	1368110	1	6.86	757359	20.0
Dodecane, 2,6,11-...	7.22	44.5	ng	1685040	1	6.86	757359	20.0
unknown7.26	7.26	55.2	ng	2091750	1	6.86	757359	20.0
1-Heptanol, 2-pro...	7.32	52.7	ng	1994990	1	6.86	757359	20.0
Undecane	7.49	170.6	ng	6460030	1	6.86	757359	20.0
Octane, 2-methyl-	7.60	13.1	ng	3199090	2	8.16	4890000	20.0
cis-Decalin, 2-sy...	7.69	12.4	ng	3035790	2	8.16	4890000	20.0
Cyclohexane, pentyl-	7.78	16.8	ng	4105640	2	8.16	4890000	20.0
Octane, 2,4,6-tri...	7.85	10.8	ng	2642860	2	8.16	4890000	20.0
Octacosane	7.92	10.8	ng	2647060	2	8.16	4890000	20.0