LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088368.D
Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

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-BF060716.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	1.701	9	10	47	rVB	1320804	3256087	96.06%	5.305%
2	3.484	161	166	169	rBV3	26748	65857	1.94%	0.107%
3	3.941	202	206	211	rBV2	77719	192531	5.68%	0.314%
4	4.067	211	217	222	rVB2	32981	61589	1.82%	0.100%
5	4.421	246	248	250	rBV	23103	44234	1.31%	0.072%
6	4.467	250	252	254	rVV	122597	159508	4.71%	0.260%
7	4.559	256	260	263	rVB2	164914	239493	7.07%	0.390%
8	4.627	263	266	268	rBV	154897	199166	5.88%	0.325%
9	4.673	268	270	275	rVB	237140	434322	12.81%	0.708%
10	4.776	275	279	282	rVB3	43961	105001	3.10%	0.171%
11	4.856	284	286	289	rBV2	209481	347022	10.24%	0.565%
12	4.913	289	291	295	rVB4	43838	106231	3.13%	0.173%
13	5.004	295	299	301	rBV4	28574	73337	2.16%	0.119%
14	5.050	301	303	305	rBV2	59731	55414	1.63%	0.090%
15	5.084	305	306	309	rBV2	47484	47250	1.39%	0.077%
16	5.141	309	311	317	rBV	1047741	1305074	38.50%	2.126%
17	5.256	319	321	324	rBV	205251	263809	7.78%	0.430%
18	5.301	324	325	327	rVB	147350	184529	5.44%	0.301%
19	5.359	327	330	334	rVB3	147494	301248	8.89%	0.491%
20	5.427	334	336	338	rBV	113429	134846	3.98%	0.220%
21	5.530	340	345	347	rBV2	395494	620951	18.32%	1.012%
22	5.587	347	350	352	rBV3	86279	218209	6.44%	0.356%
23	5.667	355	357	360	rVB2	328478	558547	16.48%	0.910%
24	5.747	360	364	365	rBV3	196333	339865	10.03%	0.554%
25	5.793	365	368	371	rVB4	688215	1183584	34.92%	1.928%
26	5.850	371	373	376	rBV	455310	777209	22.93%	1.266%
27	5.987	381	385	388	rBV4	309429	776043	22.90%	1.264%
28	6.067	390	392	393	rBV	606129	806103	23.78%	1.313%
29	6.159	398	400	402	rBV3	224156	424547	12.53%	0.692%
30	6.227	402	406	410	rVB2	1106626	1960105	57.83%	3.194%
31	6.296	410	412	413	rBV	444511	659766	19.47%	1.075%
32	6.330	413	415	418	rVB	1080200	1478869	43.63%	2.410%
33	6.410	420	422	426	rBV3	269236	524327	15.47%	0.854%
34	6.524	426	432	433	rBV3	354898	979585	28.90%	1.596%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088368.D
Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.593	433	438	440	rBV2	855615	1261313	37.21%	2.055%
36	6.627	440	441	445	rVB3	91997	223557	6.60%	0.364%
37	6.719	445	449	454	rVB5	1370800	2743857	80.95%	4.471%
38	6.833	454	459	460	rBV4	483444	1122748	33.12%	1.829%
39	6.959	467	470	471	rBV	843255	956419	28.22%	1.558%
40	6.993	471	473	477	rVB3	339167	531994	15.70%	0.867%
41	7.119	479	484	485	rBV3	858031	2045794	60.36%	3.333%
42	7.222	490	493	496	rVB4	529407	1073083	31.66%	1.748%
43	7.302	496	500	501	rBV3	559455	1253710	36.99%	2.043%
44	7.347	501	504	505	rVV3	410106	741056	21.86%	1.207%
45	7.382	505	507	510	rVB2	1034936	1776241	52.40%	2.894%
46	7.439	510	512	514	rBV2	426961	674611	19.90%	1.099%
47	7.496	514	517	521	rBV5	1237470	2899306	85.54%	4.724%
48	7.862	545	549	551	rBV3	1077792	2770613	81.74%	4.514%
49	7.965	556	558	564	rVB2	1120222	2722704	80.33%	4.436%
50	8.330	587	590	594	rBV2	1221187	3195742	94.28%	5.207%
51	9.851	721	723	725	rBV	670154	1023282	30.19%	1.667%
52	9.976	731	734	735	rBV2	861869	1801409	53.15%	2.935%
53	10.182	750	752	756	rBV4	717172	1921509	56.69%	3.131%
54	10.308	760	763	764	rVB2	1092377	1702839	50.24%	2.774%
55	10.571	782	786	789	rVB2	1350415	3389465	100.00%	5.523%
56	11.016	823	825	828	rVB2	1342166	2078364	61.32%	3.386%
57	12.079	916	918	922	rVB	505345	834416	24.62%	1.360%
58	12.148	922	924	925	rBV	463031	491526	14.50%	0.801%
59	12.582	960	962	965	rBV2	206420	354687	10.46%	0.578%
60	12.662	967	969	973	rVB	1275066	1542439	45.51%	2.513%
61	13.691	1057	1059	1066	rVB	336853	671946	19.82%	1.095%
62	14.697	1145	1147	1153	rVB	53118	138083	4.07%	0.225%
63	14.948	1167	1169	1172	rBV	30772	48943	1.44%	0.080%
64	15.040	1175	1177	1183	rVB	243181	420518	12.41%	0.685%
65	15.588	1222	1225	1233	rVB6	24427	78619	2.32%	0.128%

Sum of corrected areas: 61375051

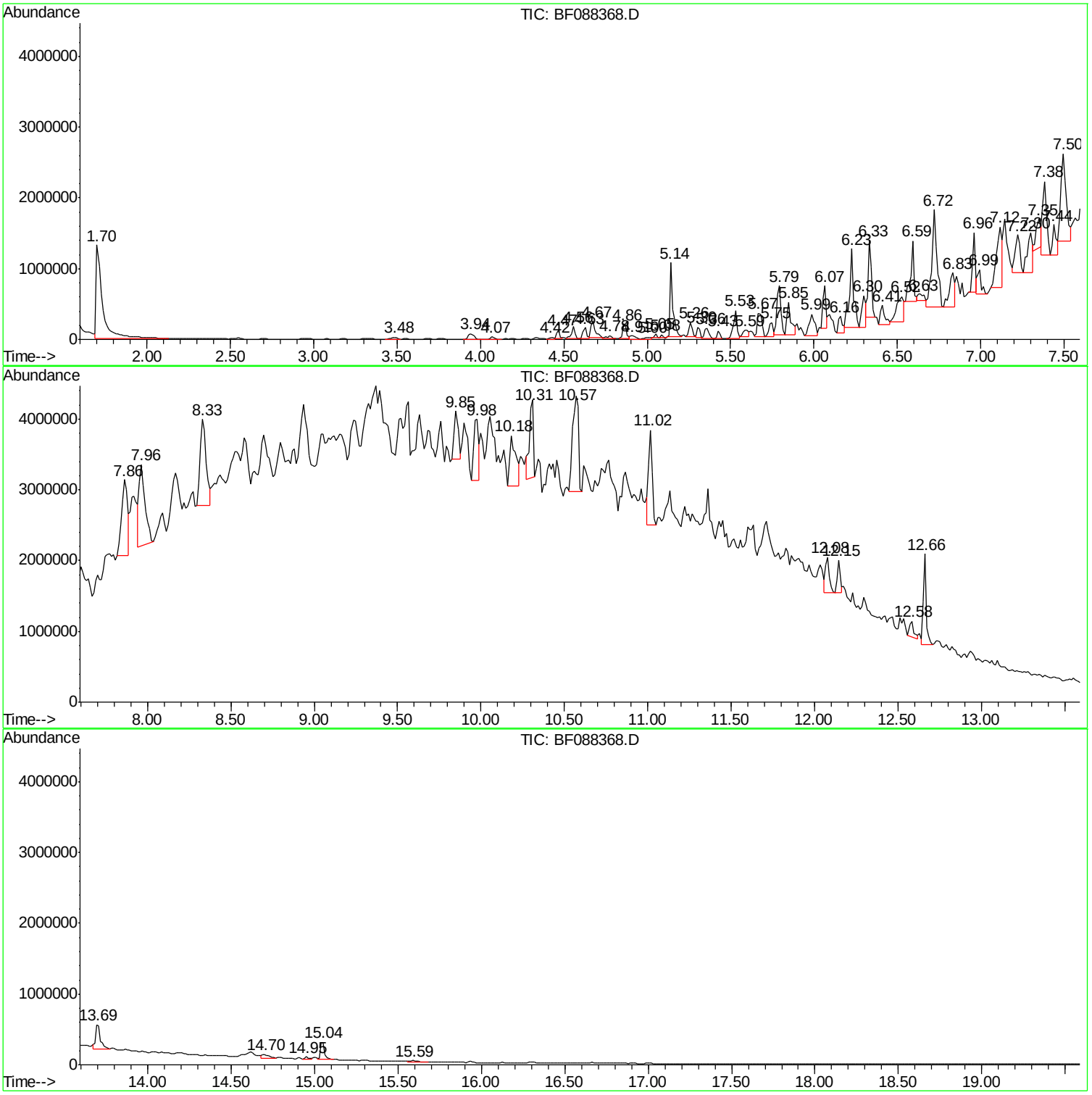
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088368.D
Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088368.D
Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

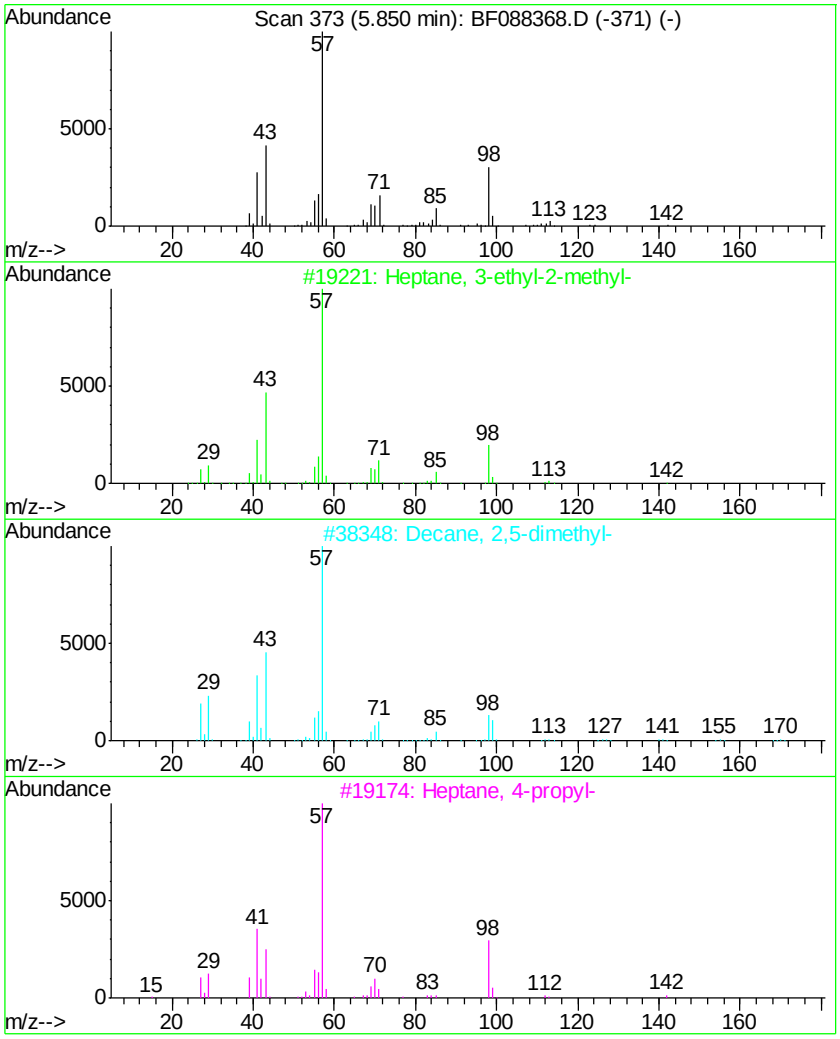
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

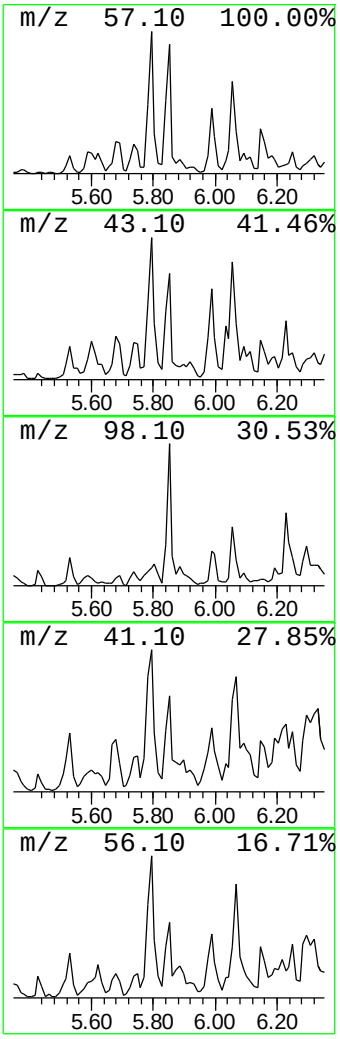
****

Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	12.32 ng	777209	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	78
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	72
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	72
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088368.D
Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

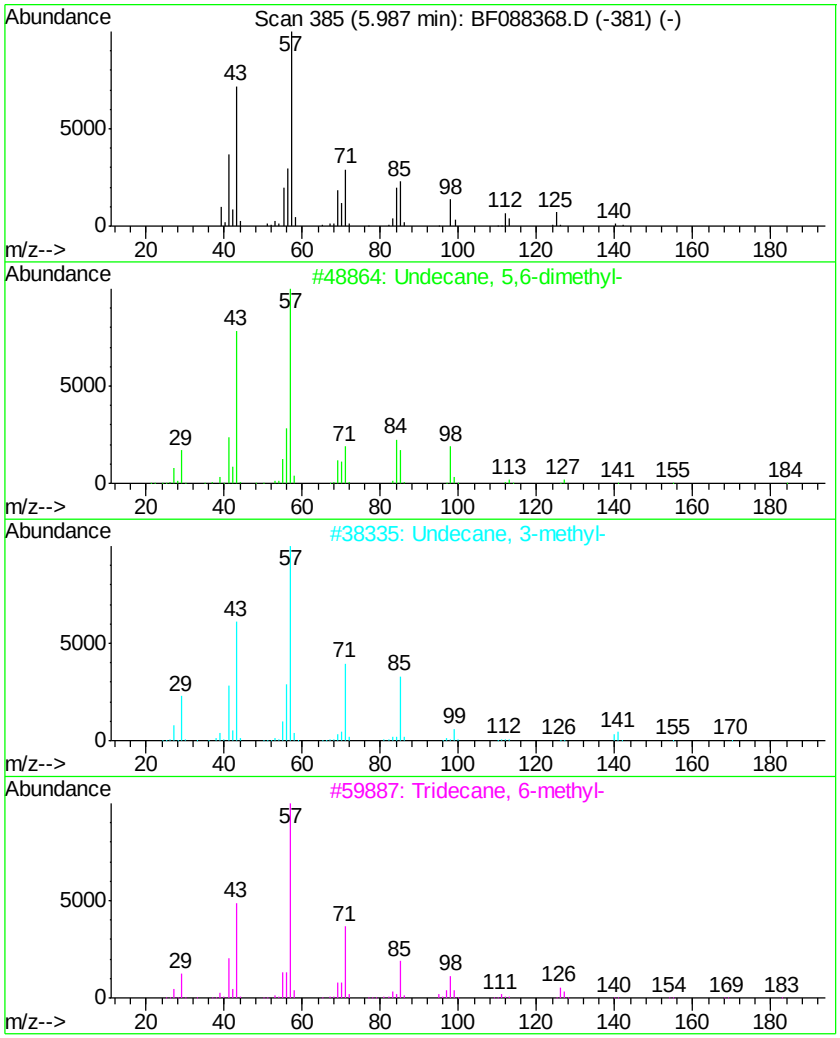
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

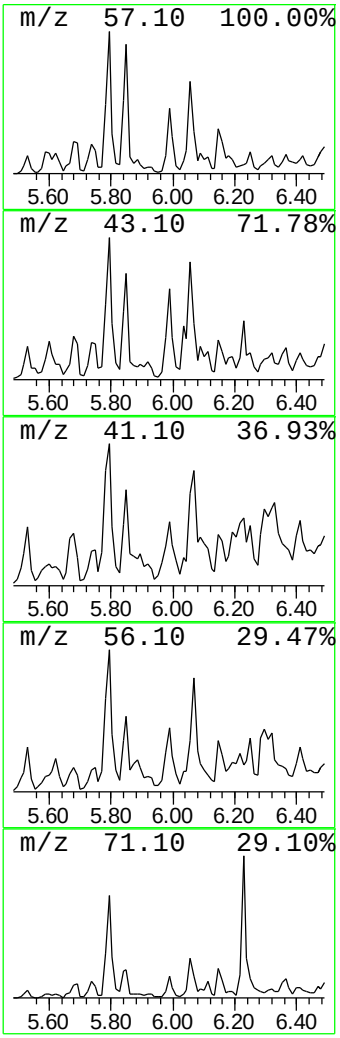
****

Peak Number 4 Undecane, 5,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	12.31 ng	776043	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
5	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088368.D
Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

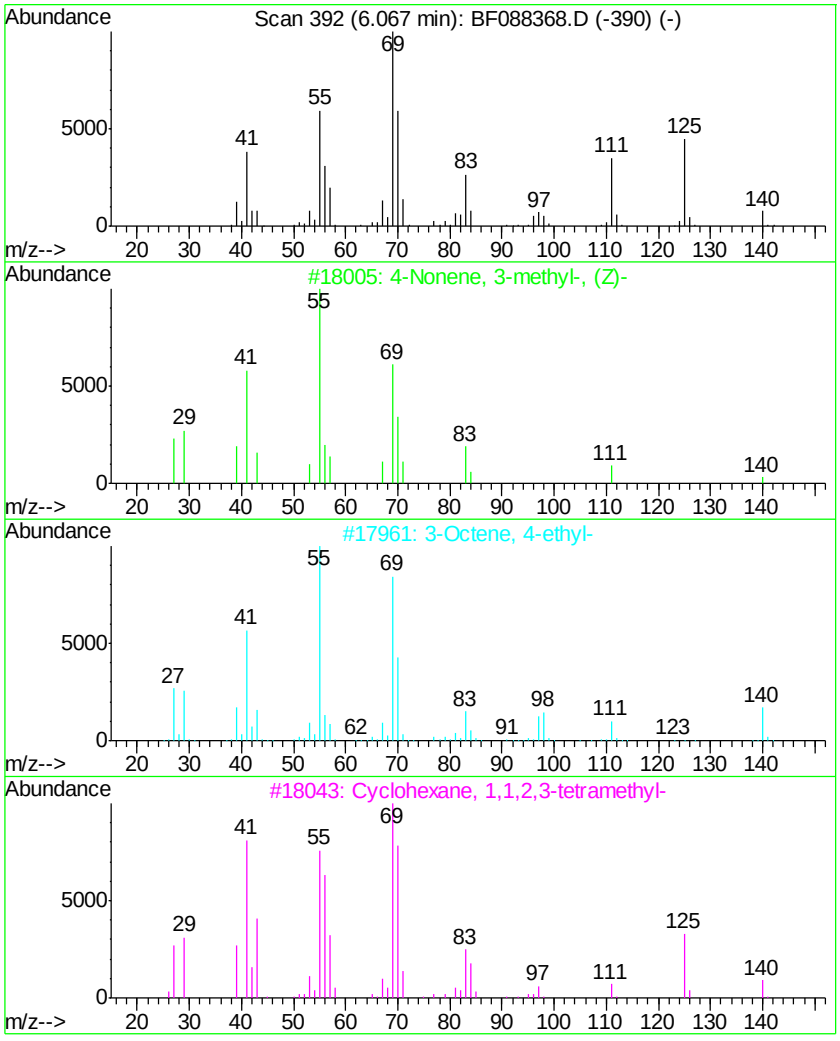
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

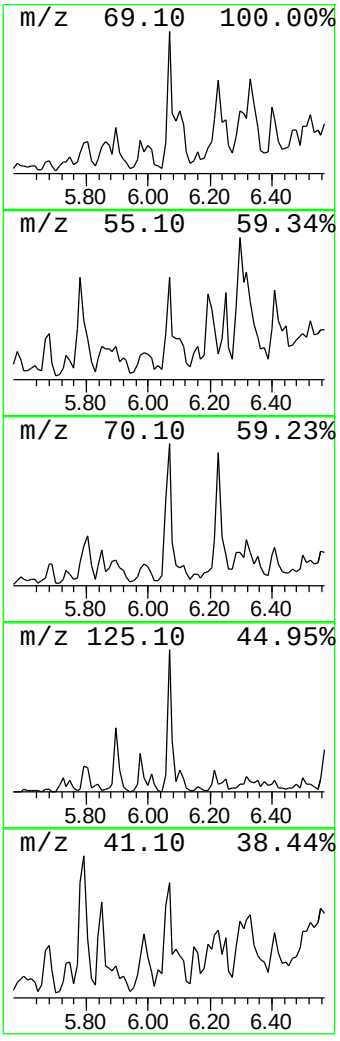
****

Peak Number 5 4-Nonene, 3-methyl-, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	12.78 ng	806103	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	58
2	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	53
3	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	52
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
5	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088368.D
Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

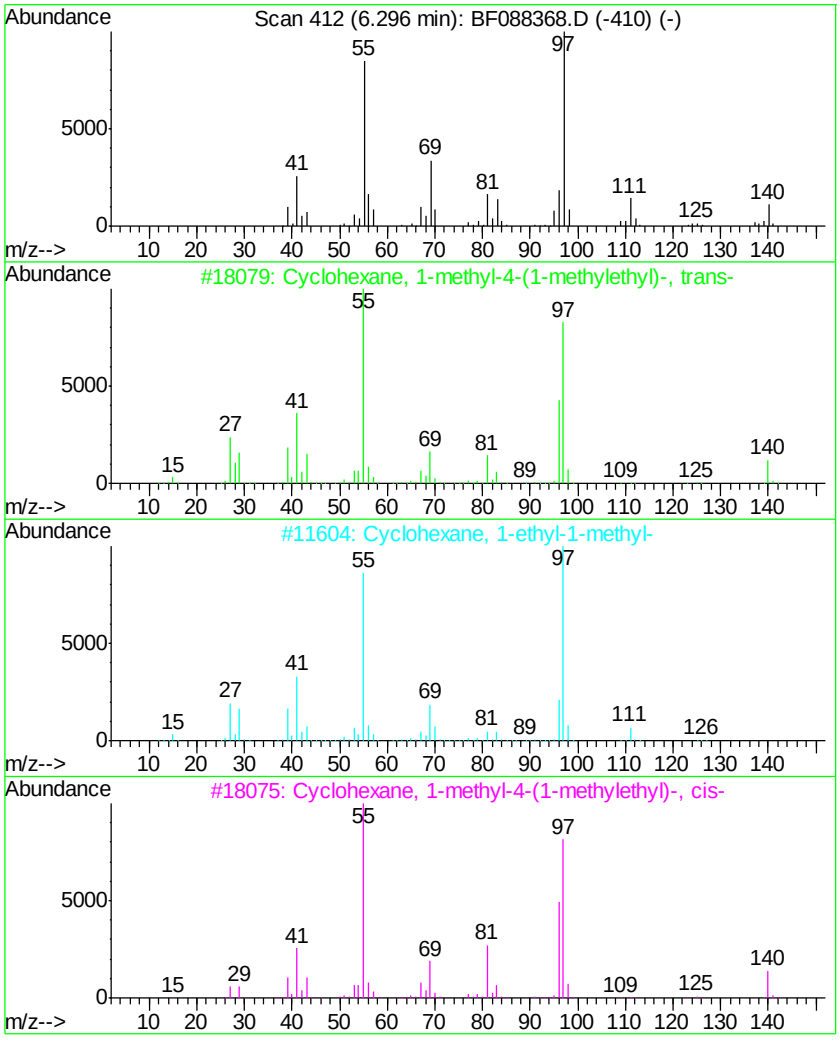
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

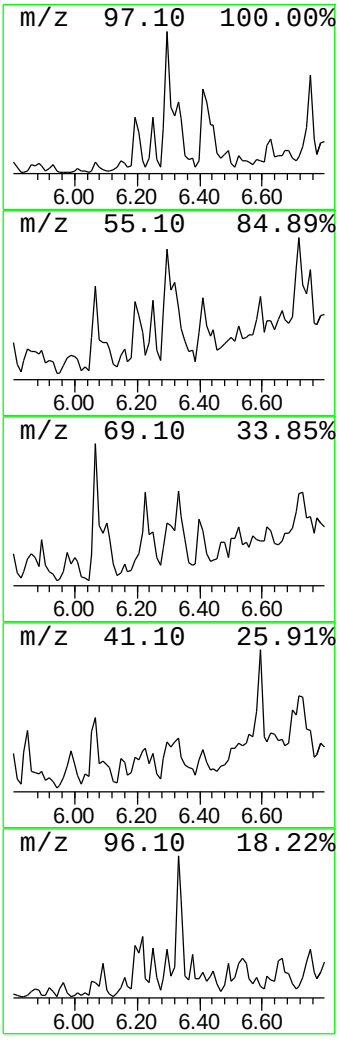
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	10.46 ng	659766	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	72
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	59
4	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	59
5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088368.D
Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

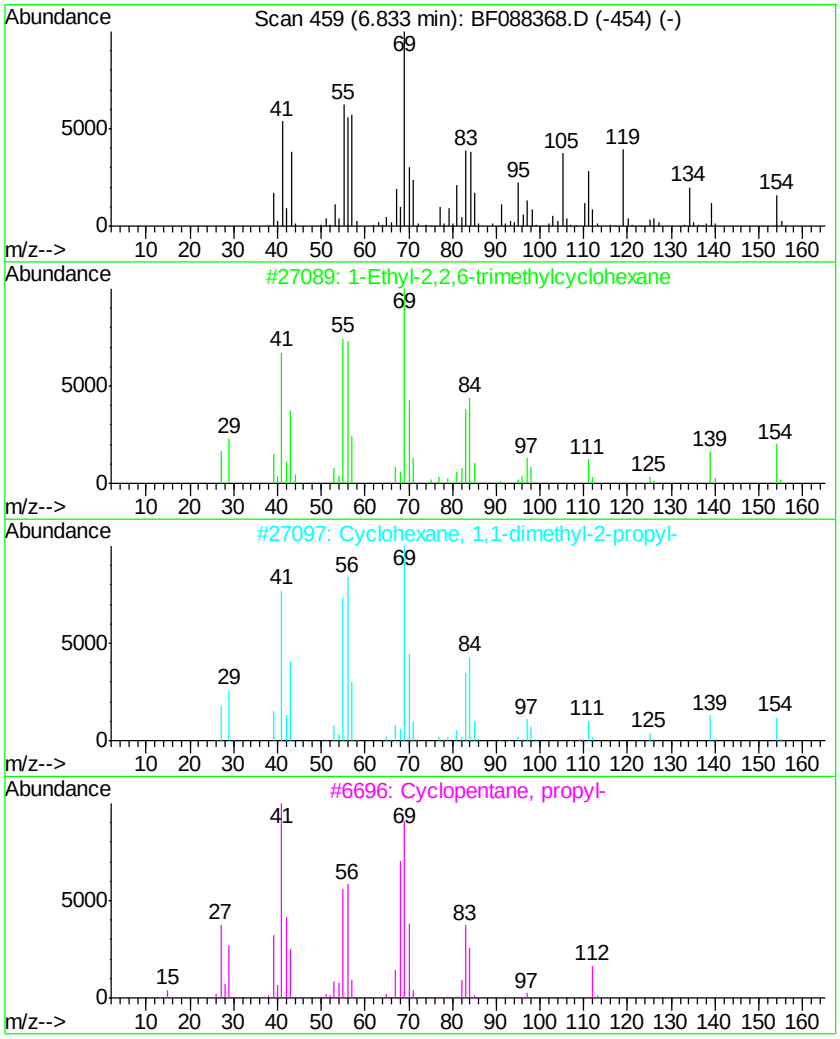
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

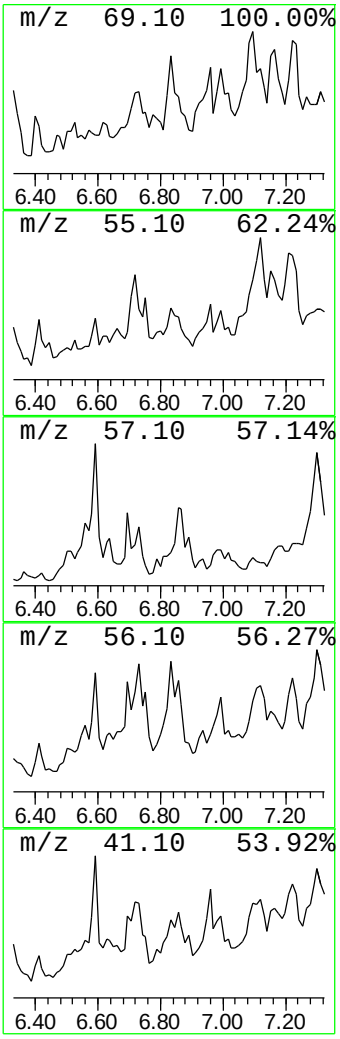
****

Peak Number 9 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	17.80 ng	1122750	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	96
2	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	92
3	Cyclopentane, propyl-	112	C8H16	002040-96-2	49
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
5	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088368.D
Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

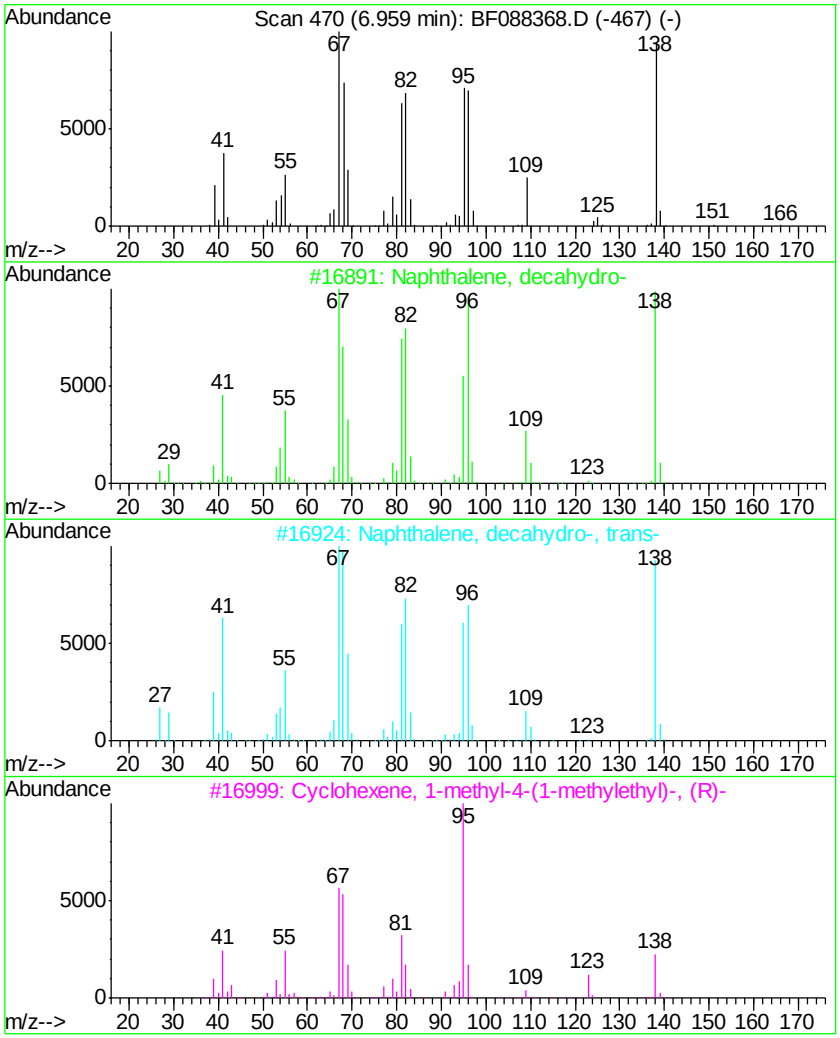
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

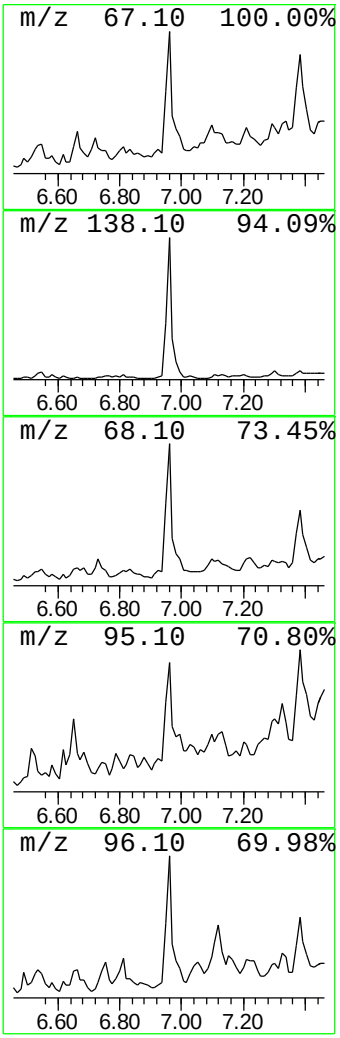
****

Peak Number 10 Naphthalene, decahydro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	15.17 ng	956419	1,4-Dichlorobenzene-d4	6.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	97
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3	Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	001195-31-9	76
4	Spiro[4.5]decane	138	C10H18	000176-63-6	76
5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088368.D
Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

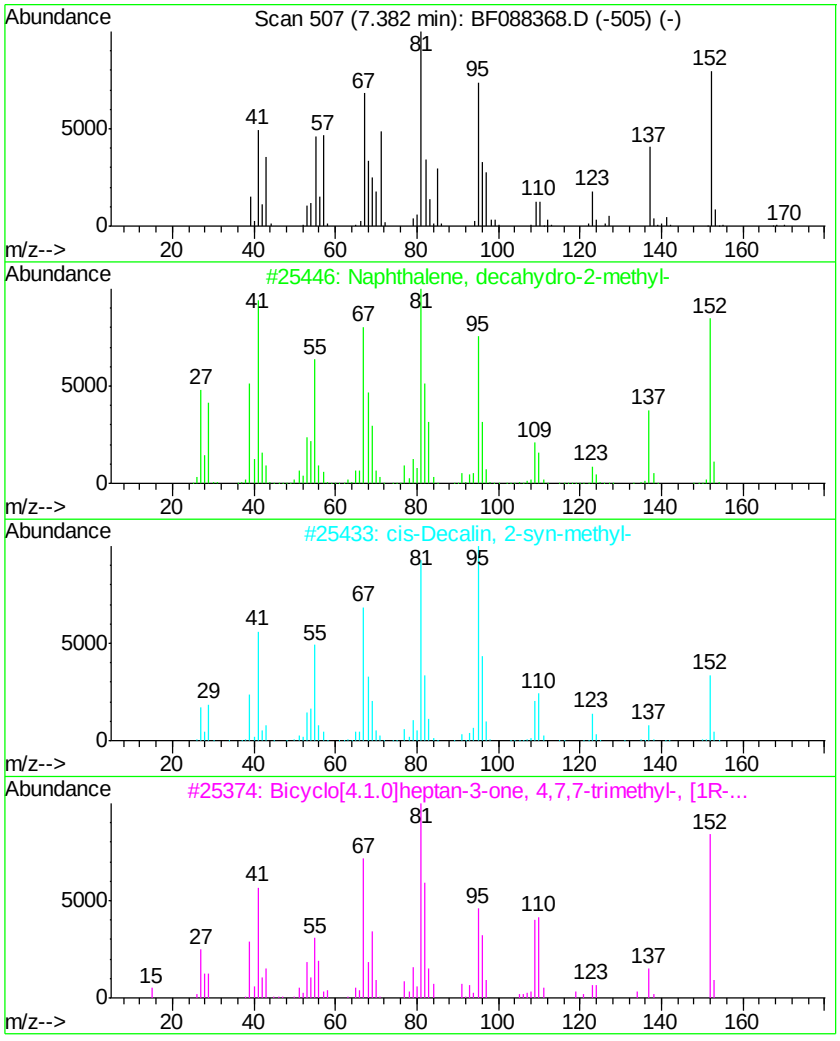
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

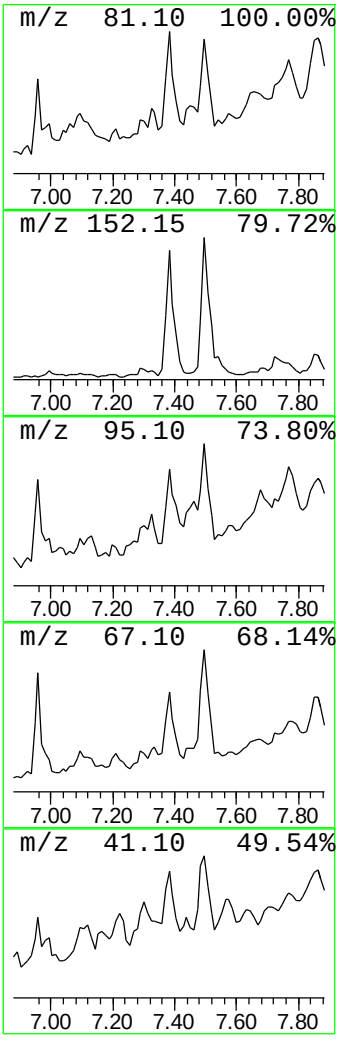
****

Peak Number 11 Naphthalene, decahydro-2-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	12.82 ng	1776240	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	81
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
3	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	49
4	Pulegone	152	C10H16O	000089-82-7	47
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088368.D
Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

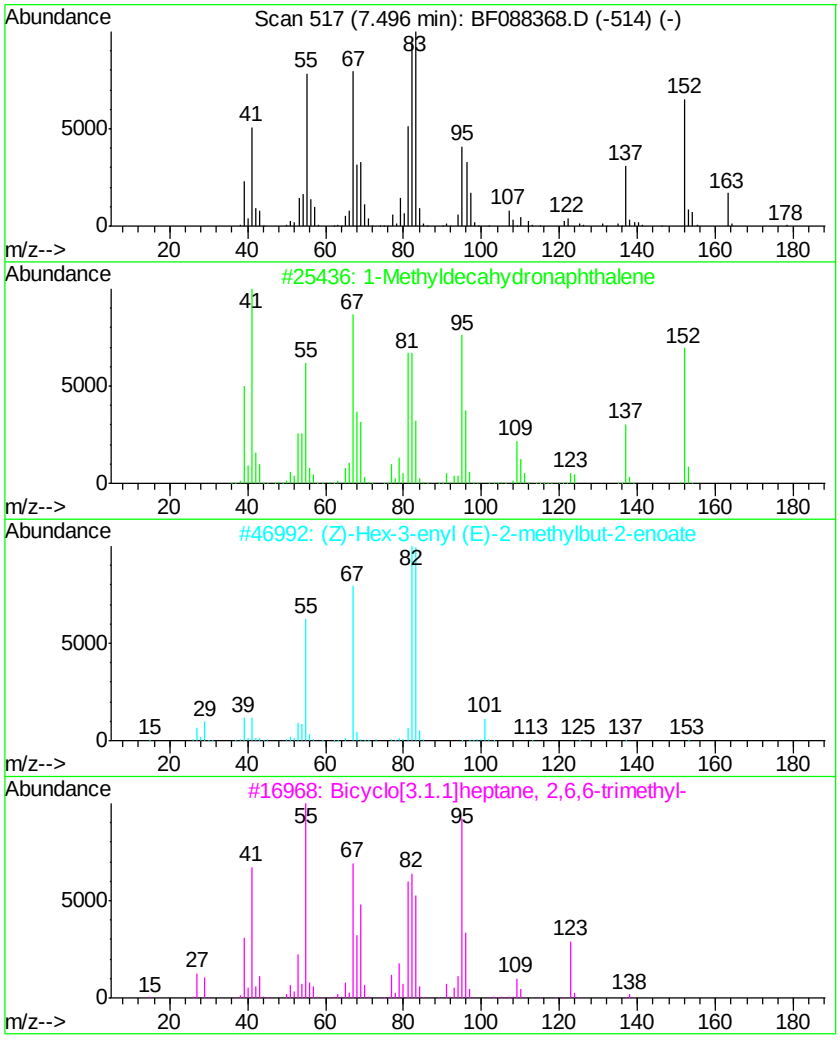
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

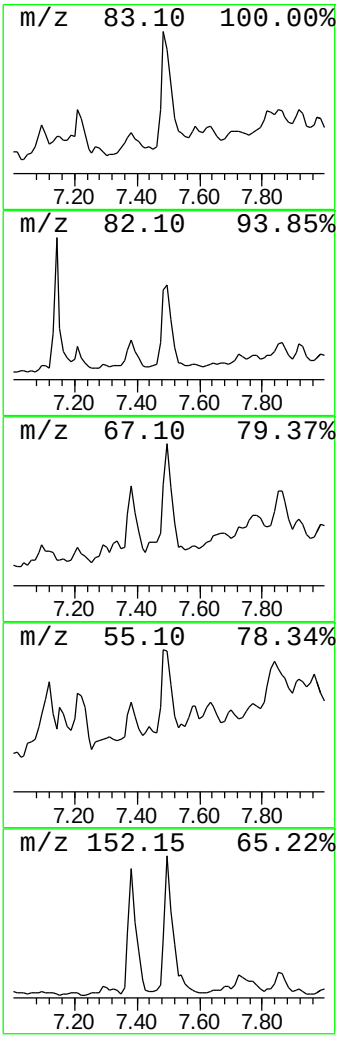
****

Peak Number 12 1-Methyldecahydronaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	20.93 ng	2899310	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	55
2	(Z)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	1000373-73-0	50
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	49
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	46
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43





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Data File : BF088368.D
Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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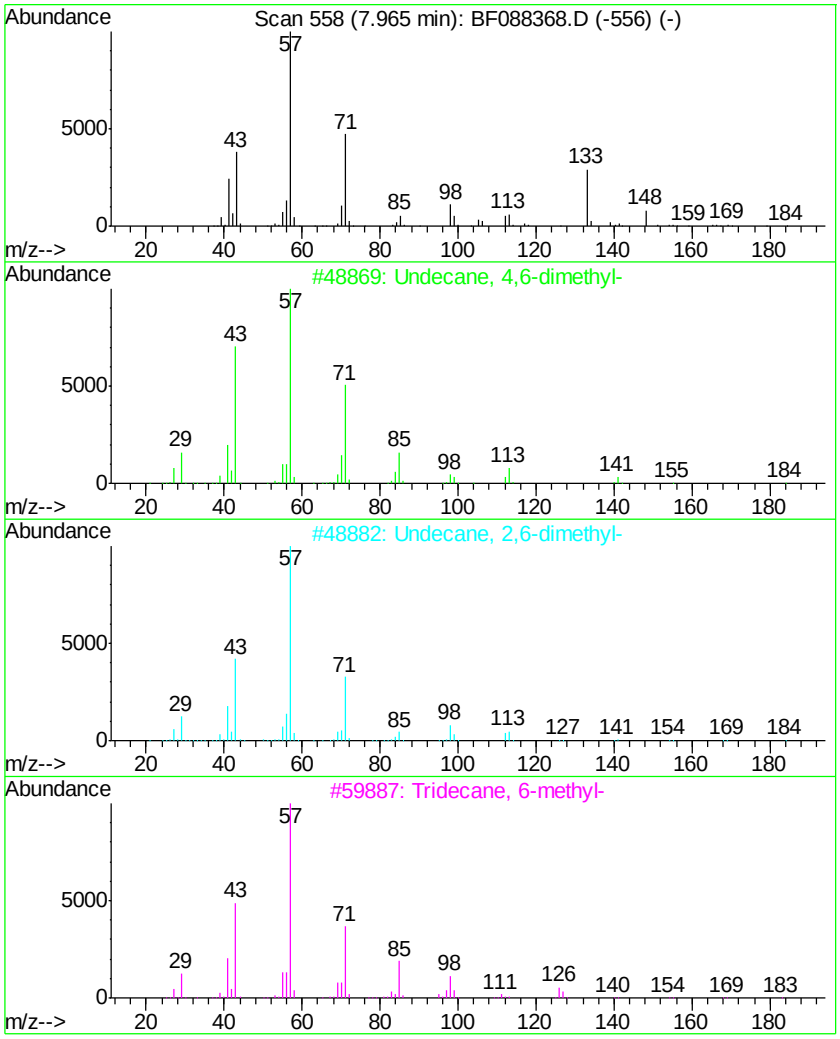
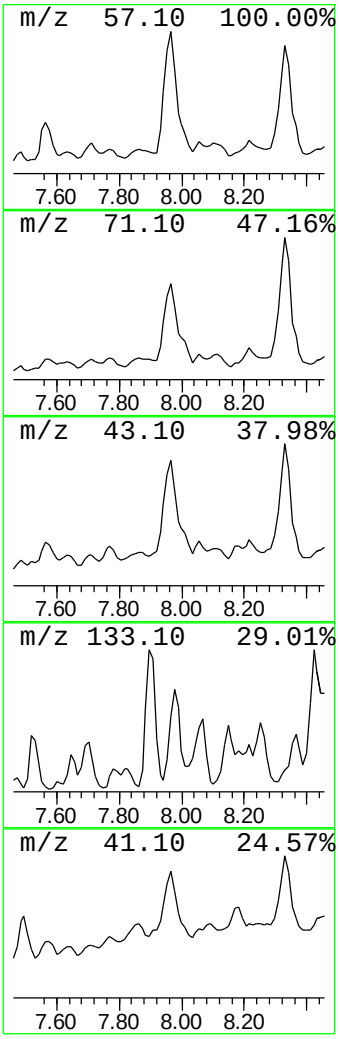
Peak Number 13 Undecane, 4,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	19.65 ng	2722700	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	62
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	60
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	47
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	47





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Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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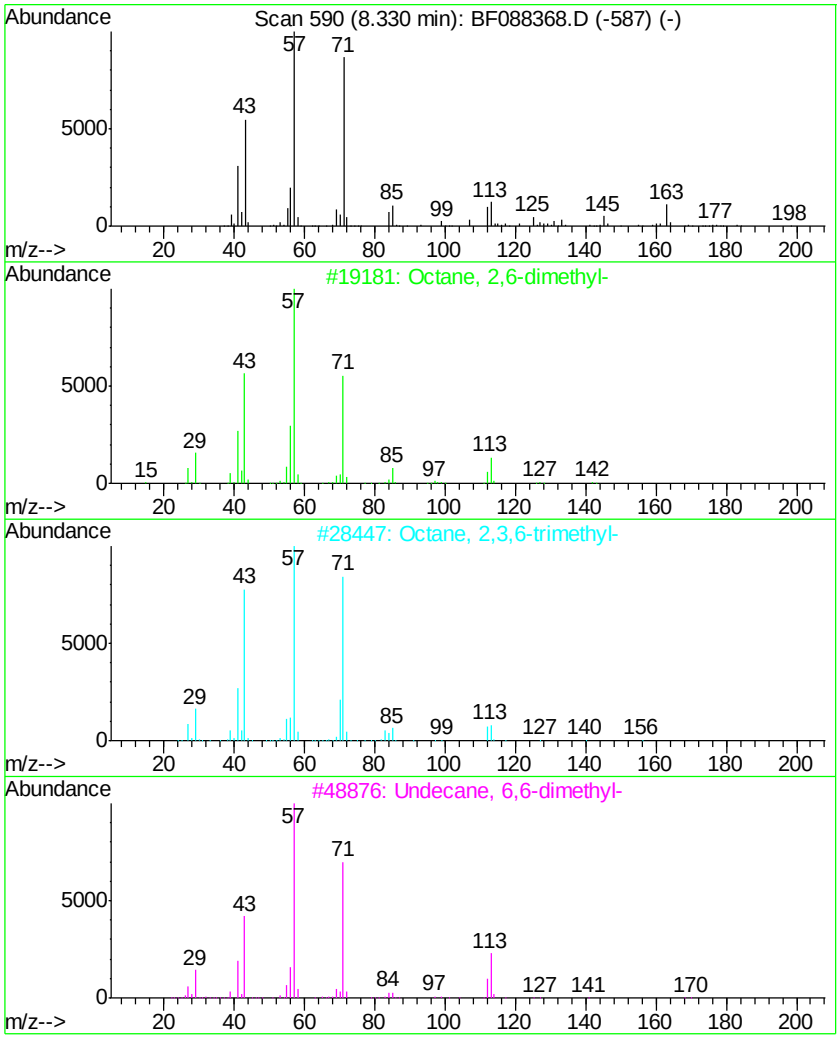
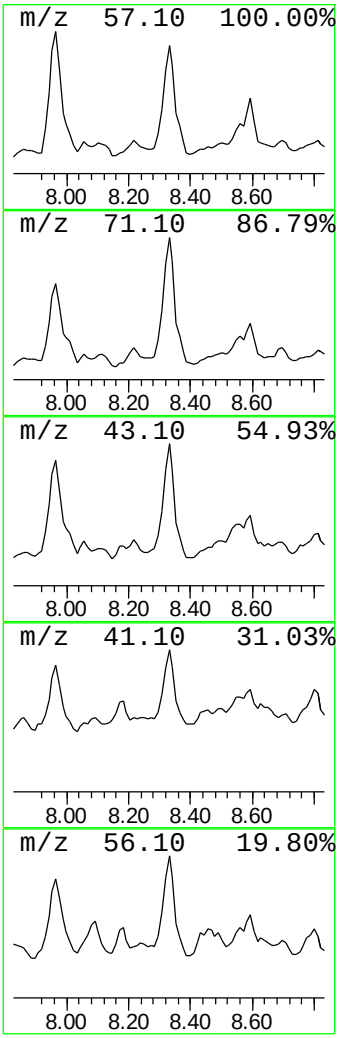
Peak Number 14 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	23.07 ng	3195740	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
5	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	53





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Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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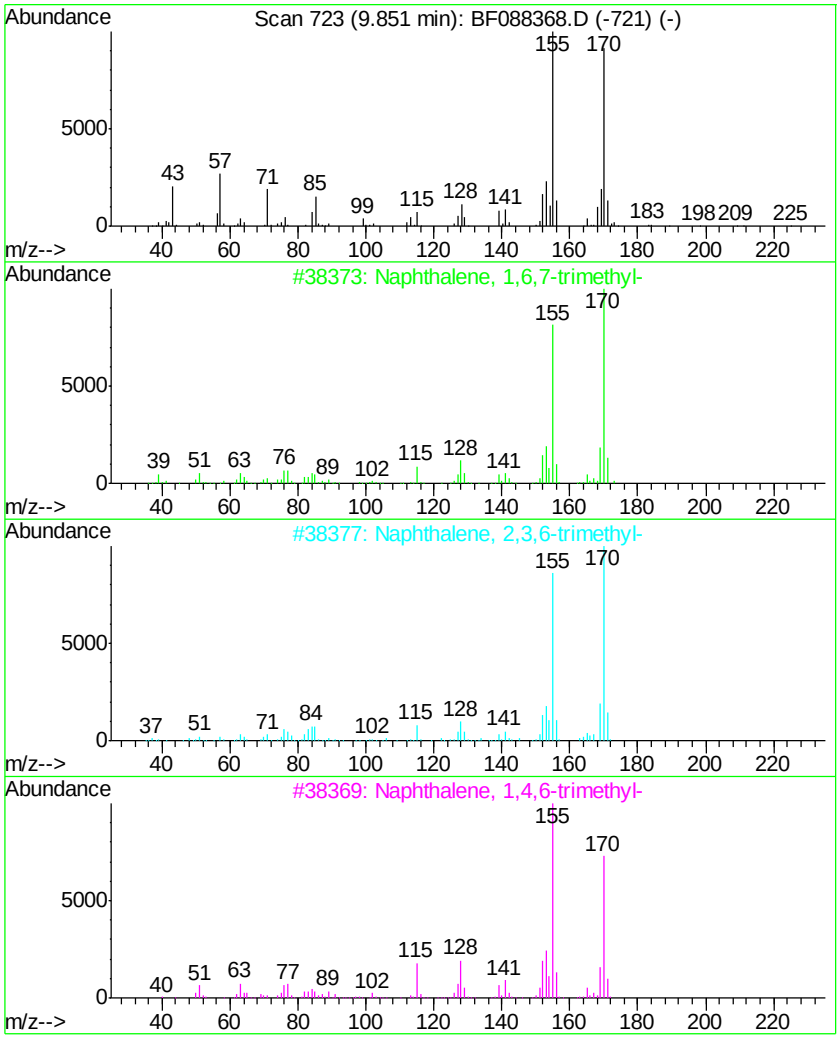
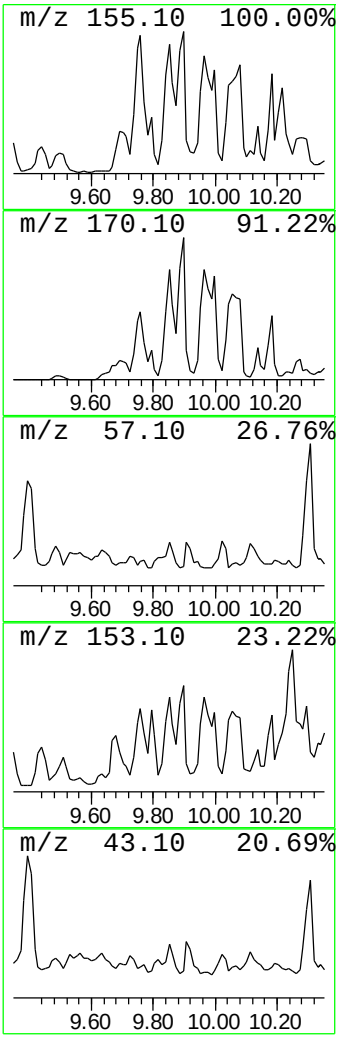
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	20.00 ng	1023280	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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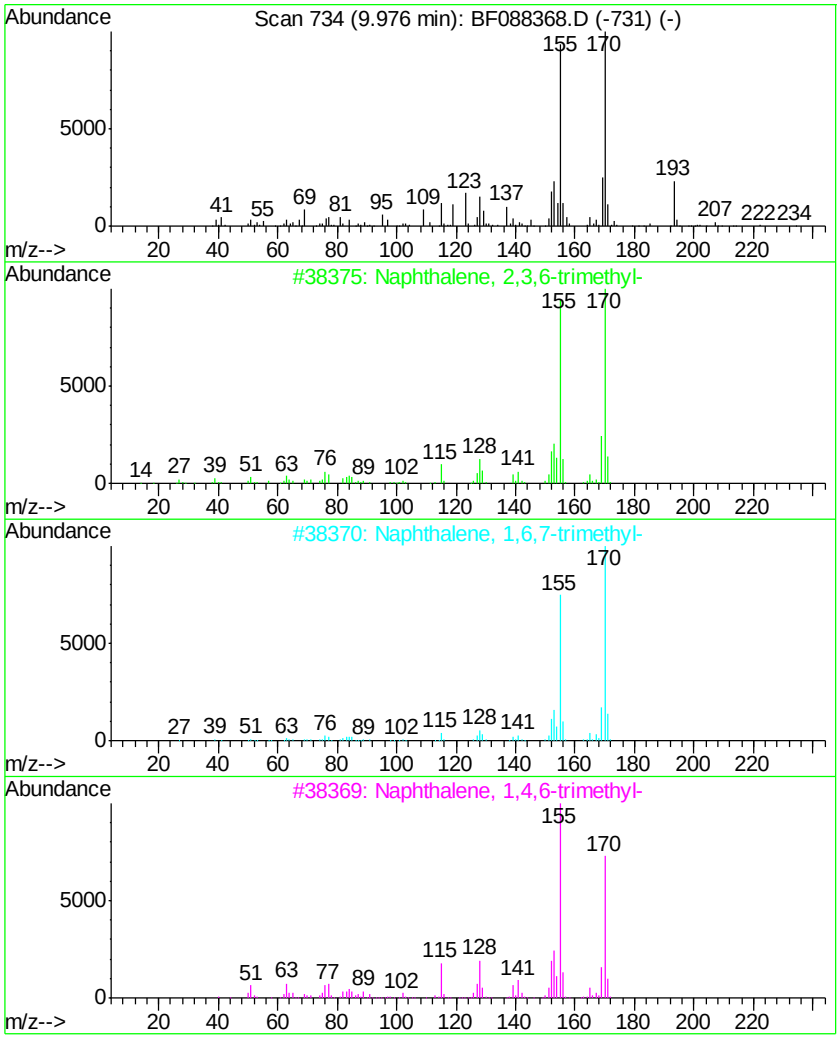
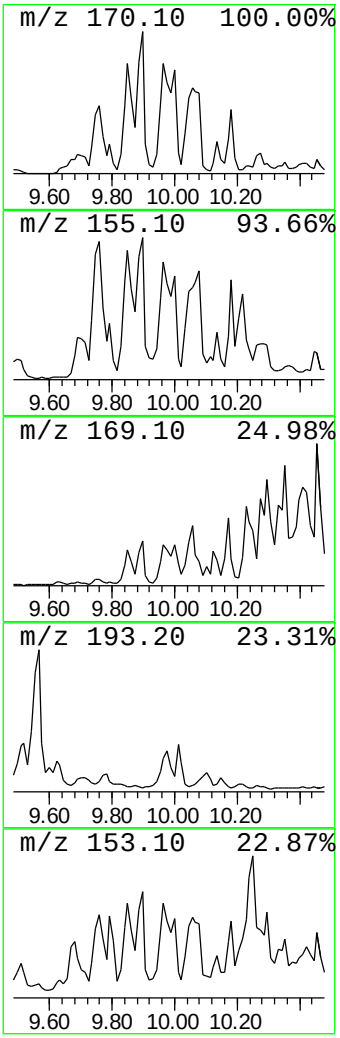
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	35.21 ng	1801410	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	74





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Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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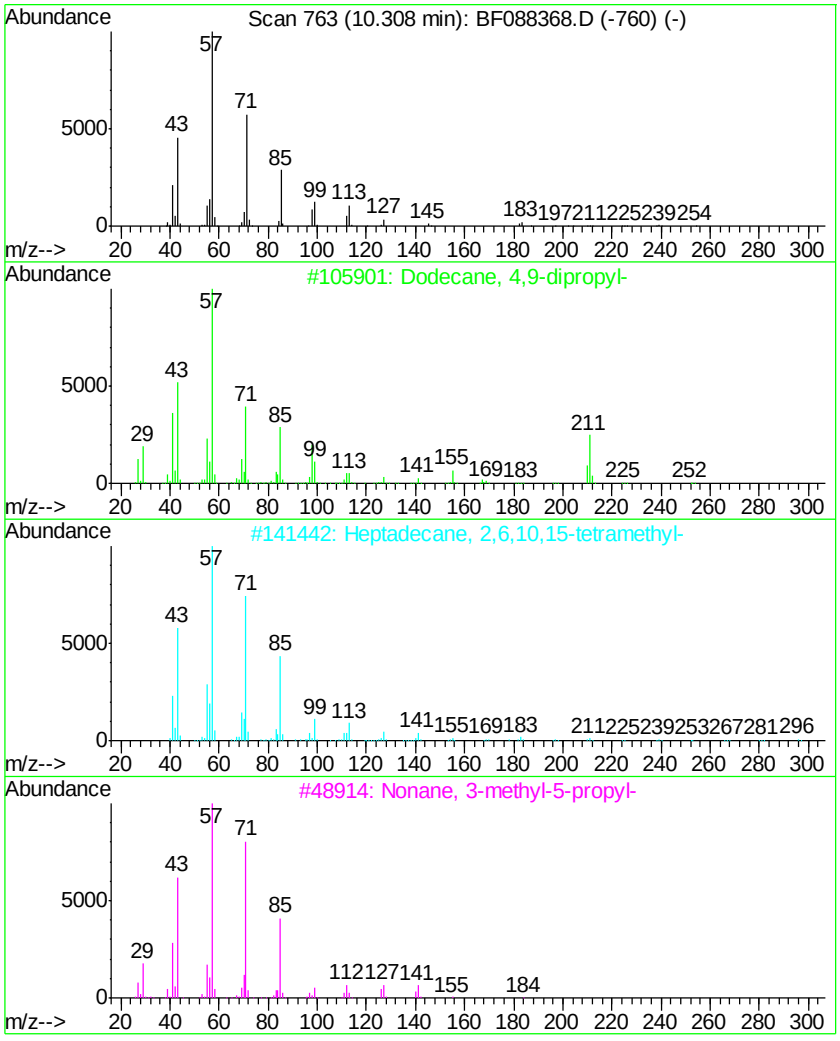
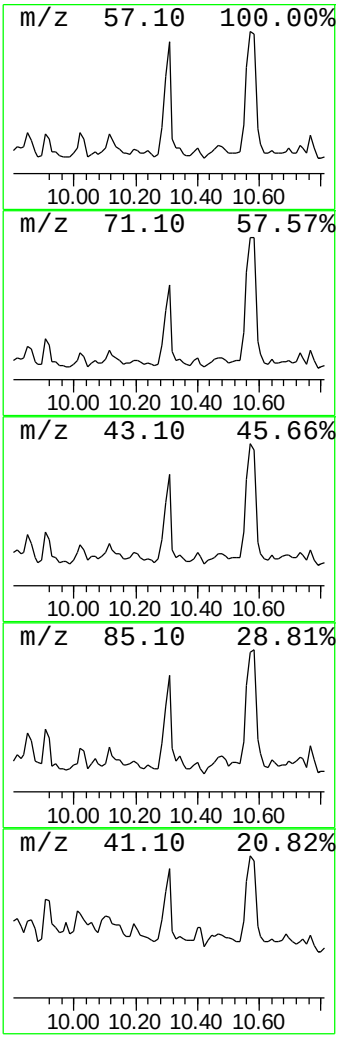
Peak Number 17 Dodecane, 4,9-dipropyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	33.28 ng	1702840	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
4	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59





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Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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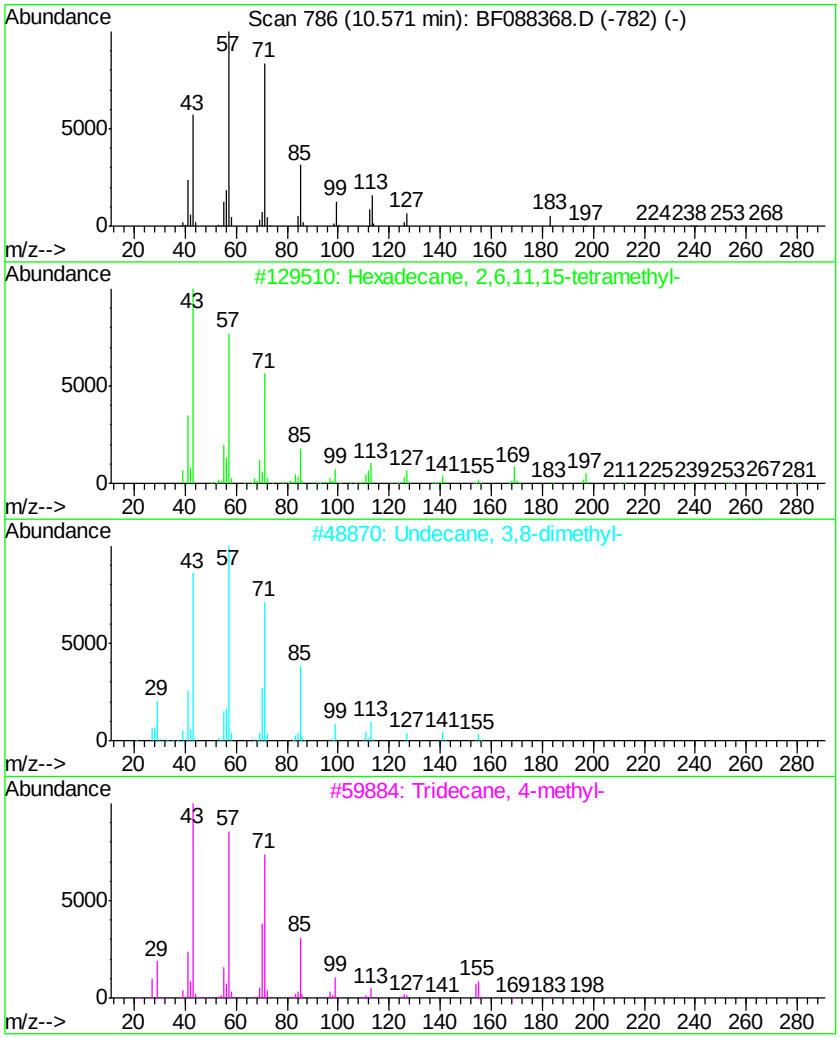
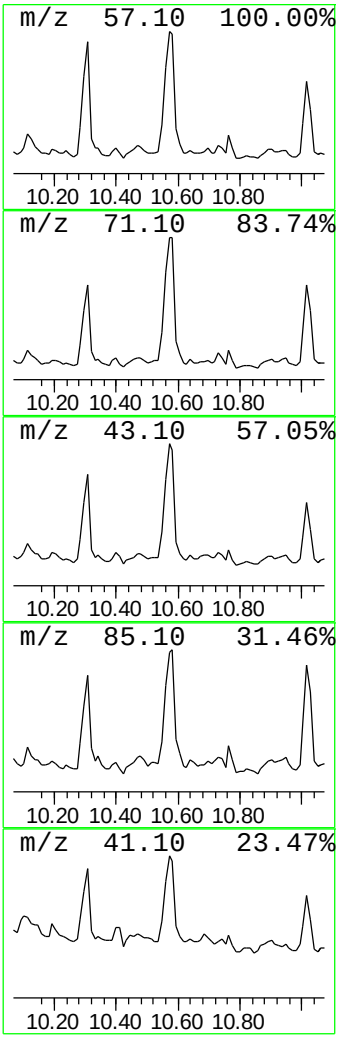
Peak Number 18 Hexadecane, 2,6,11,15-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	32.62 ng	3389470	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	78
2	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	78
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
4	Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	64
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64





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Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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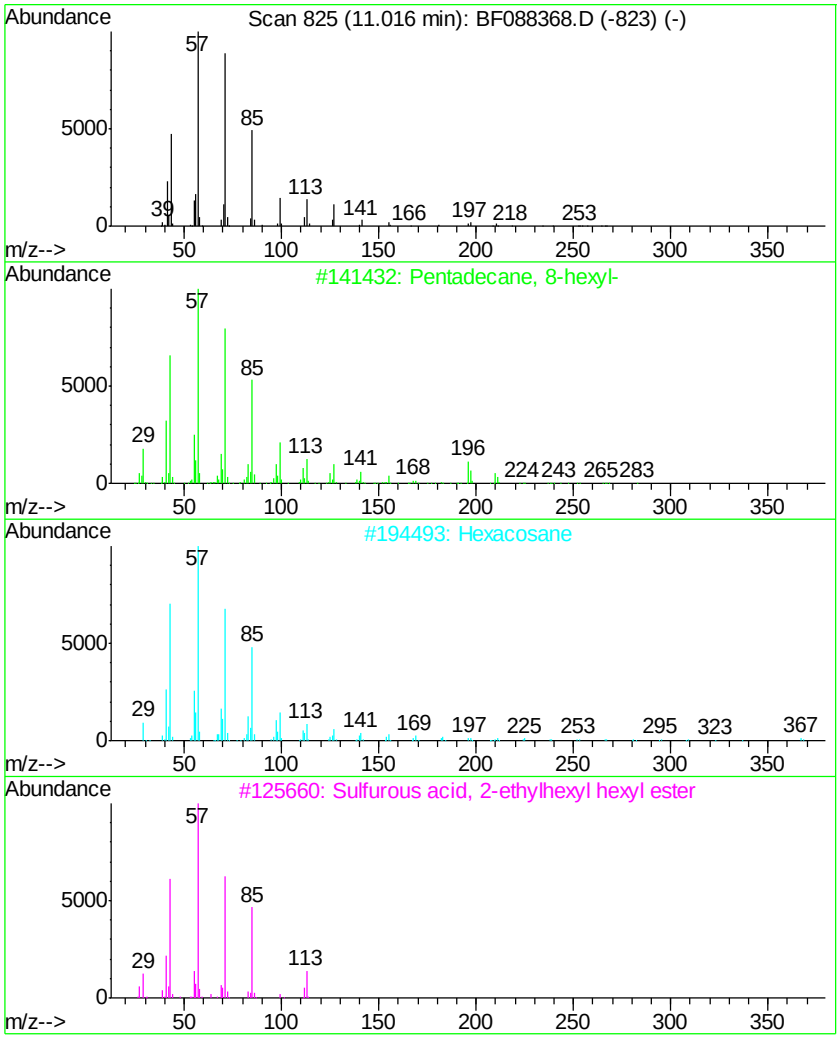
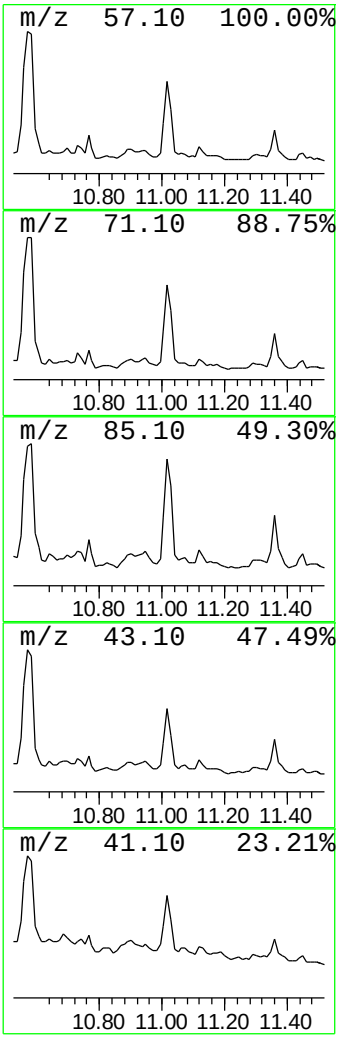
Peak Number 19 Pentadecane, 8-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	20.00 ng	2078360	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	83
2	Hexacosane	366	C26H54	000630-01-3	83
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Heptacosane	380	C27H56	000593-49-7	72
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	72





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Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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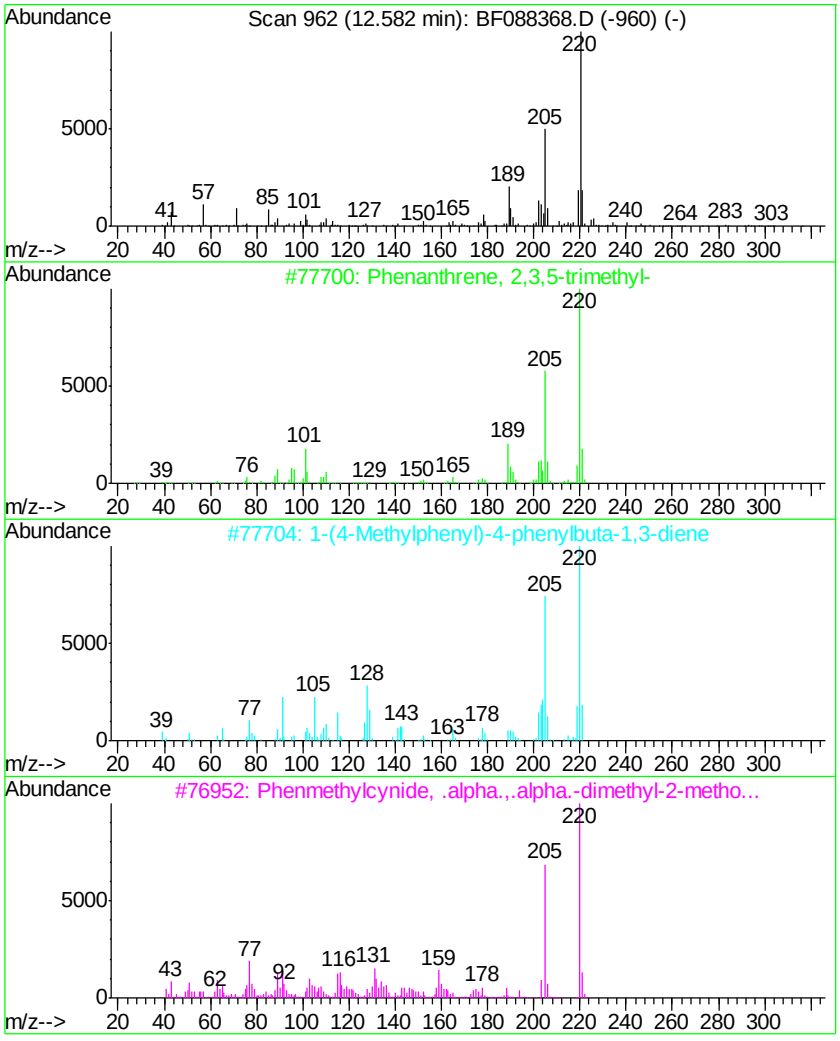
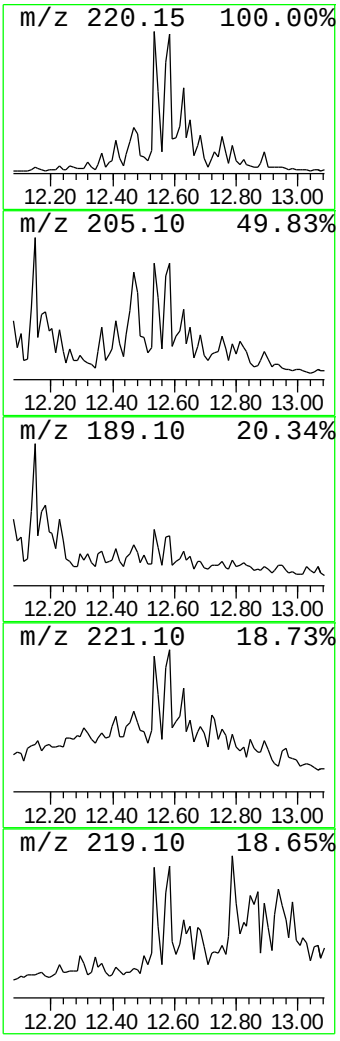
Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	10.56 ng	354687	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	91
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	72
3	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	53
4	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	53
5	1,4-Dimethoxy-6,7,8,9-tetrahydro...	220	C13H16O3	079381-09-2	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088368.D
Acq On : 25 Jun 2016 10:58
Operator : UM/SJ
Sample : H3629-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-5B(5-7)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptane, 3-ethyl-...	5.85	12.3	ng	777209	1	6.57	1261310	20.0
Undecane, 5,6-dim...	5.99	12.3	ng	776043	1	6.57	1261310	20.0
4-Nonene, 3-methy...	6.07	12.8	ng	806103	1	6.57	1261310	20.0
Cyclohexane, 1-me...	6.30	10.5	ng	659766	1	6.57	1261310	20.0
1-Ethyl-2,2,6-tri...	6.83	17.8	ng	1122750	1	6.57	1261310	20.0
Naphthalene, deca...	6.96	15.2	ng	956419	1	6.57	1261310	20.0
Naphthalene, deca...	7.38	12.8	ng	1776240	2	7.86	2770610	20.0
1-Methyldecahydro...	7.50	20.9	ng	2899310	2	7.86	2770610	20.0
Undecane, 4,6-dim...	7.96	19.6	ng	2722700	2	7.86	2770610	20.0
Octane, 2,6-dimet...	8.33	23.1	ng	3195740	2	7.86	2770610	20.0
Naphthalene, 1,6,...	9.85	20.0	ng	1023280	3	9.64	1023280	20.0
Naphthalene, 2,3,...	9.98	35.2	ng	1801410	3	9.64	1023280	20.0
Dodecane, 4,9-dip...	10.31	33.3	ng	1702840	3	9.64	1023280	20.0
Hexadecane, 2,6,1...	10.57	32.6	ng	3389470	4	11.11	2078360	20.0
Pentadecane, 8-he...	11.02	20.0	ng	2078360	4	11.11	2078360	20.0
Phenanthrene, 2,3...	12.58	10.6	ng	354687	5	13.70	671946	20.0