LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083969.D
Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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	5.036	255	258	266	rVB	439359	720061	10.75%	0.937%
2	5.470	294	296	299	rBV	1724315	1825185	27.26%	2.375%
3	5.607	306	308	310	rBV	57094	70057	1.05%	0.091%
4	5.653	310	312	314	rVB	81811	70005	1.05%	0.091%
5	5.859	327	330	333	rBV2	121242	185917	2.78%	0.242%
6	5.916	333	335	340	rBV3	57351	140597	2.10%	0.183%
7	5.996	340	342	345	rVB	163694	231573	3.46%	0.301%
8	6.053	345	347	349	rBV	86754	142894	2.13%	0.186%
9	6.099	349	351	354	rVB	435387	486194	7.26%	0.633%
10	6.156	354	356	358	rBV	174389	186084	2.78%	0.242%
11	6.190	358	359	365	rVB4	91442	248257	3.71%	0.323%
12	6.293	365	368	370	rBV2	247863	365875	5.46%	0.476%
13	6.362	370	374	375	rBV3	119378	277085	4.14%	0.361%
14	6.384	375	376	380	rVB3	296571	393978	5.88%	0.513%
15	6.499	383	386	390	rBV	1474465	2205926	32.95%	2.871%
16	6.556	390	391	393	rVB	138892	96024	1.43%	0.125%
17	6.624	393	397	400	rBV2	1940175	3012431	44.99%	3.920%
18	6.716	401	405	406	rBV2	246892	376936	5.63%	0.491%
19	6.807	406	413	414	rBV4	262291	717620	10.72%	0.934%
20	6.853	414	417	418	rBV	550701	639709	9.55%	0.833%
21	6.876	418	419	421	rVB	901000	1182948	17.67%	1.540%
22	6.922	421	423	425	rBV	353771	398460	5.95%	0.519%
23	7.013	425	431	433	rBV	2201389	3148782	47.03%	4.098%
24	7.047	433	434	435	rVB	366786	251615	3.76%	0.327%
25	7.104	435	439	440	rBV2	314732	780865	11.66%	1.016%
26	7.139	440	442	444	rVB2	624884	968856	14.47%	1.261%
27	7.173	444	445	447	rVB2	188613	189108	2.82%	0.246%
28	7.219	447	449	450	rBV	235111	344769	5.15%	0.449%
29	7.253	450	452	454	rBV	890555	1100478	16.44%	1.432%
30	7.345	458	460	461	rBV	127975	170157	2.54%	0.221%
31	7.425	461	467	468	rBV3	1264563	3562985	53.21%	4.637%
32	7.516	472	475	477	rBV3	1011408	1905101	28.45%	2.479%
33	7.585	477	481	483	rBV4	780325	1678778	25.07%	2.185%
34	7.676	483	489	493	rVB4	993714	2784794	41.59%	3.624%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083969.D
Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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	7.790	493	499	502	rBV5	1426677	4106721	61.33%	5.345%
36	7.973	513	515	517	rBV3	471692	943323	14.09%	1.228%
37	8.019	517	519	520	rBV	331843	415277	6.20%	0.540%
38	8.145	528	530	533	rBV2	754100	1602534	23.93%	2.086%
39	8.247	535	539	544	rVB2	1679477	5827478	87.03%	7.584%
40	8.385	544	551	553	rBV5	703627	3001271	44.82%	3.906%
41	8.453	554	557	560	rBV4	850351	2057477	30.73%	2.678%
42	8.613	567	571	576	rBV	1660310	4506289	67.30%	5.865%
43	9.219	620	624	630	rVB2	1732826	5742936	85.77%	7.474%
44	10.899	765	771	773	rBV2	2301311	6695662	100.00%	8.714%
45	11.185	794	796	800	rBV3	843774	1833203	27.38%	2.386%
46	11.333	806	809	812	rVB2	1921873	3977461	59.40%	5.176%
47	12.385	899	901	905	rVB2	1198352	1989790	29.72%	2.590%
48	12.968	950	952	956	rVB	1658781	2422062	36.17%	3.152%
49	14.008	1041	1043	1045	rBV	501963	441864	6.60%	0.575%
50	15.437	1166	1168	1174	rVB	333224	416291	6.22%	0.542%

Sum of corrected areas: 76839743

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083969.D
Acq On : 19 Dec 2015 22:02
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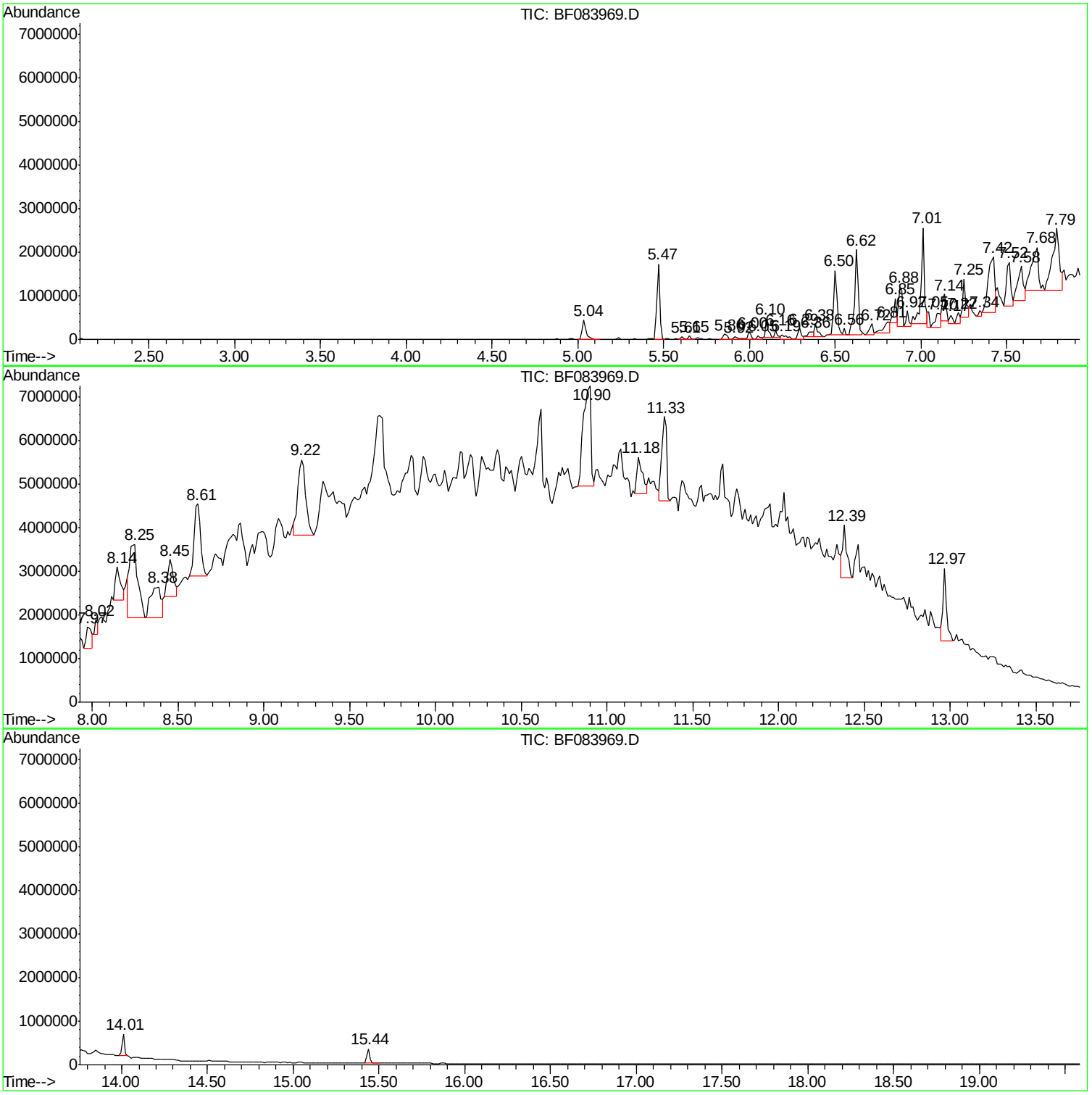
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK1

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083969.D
Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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

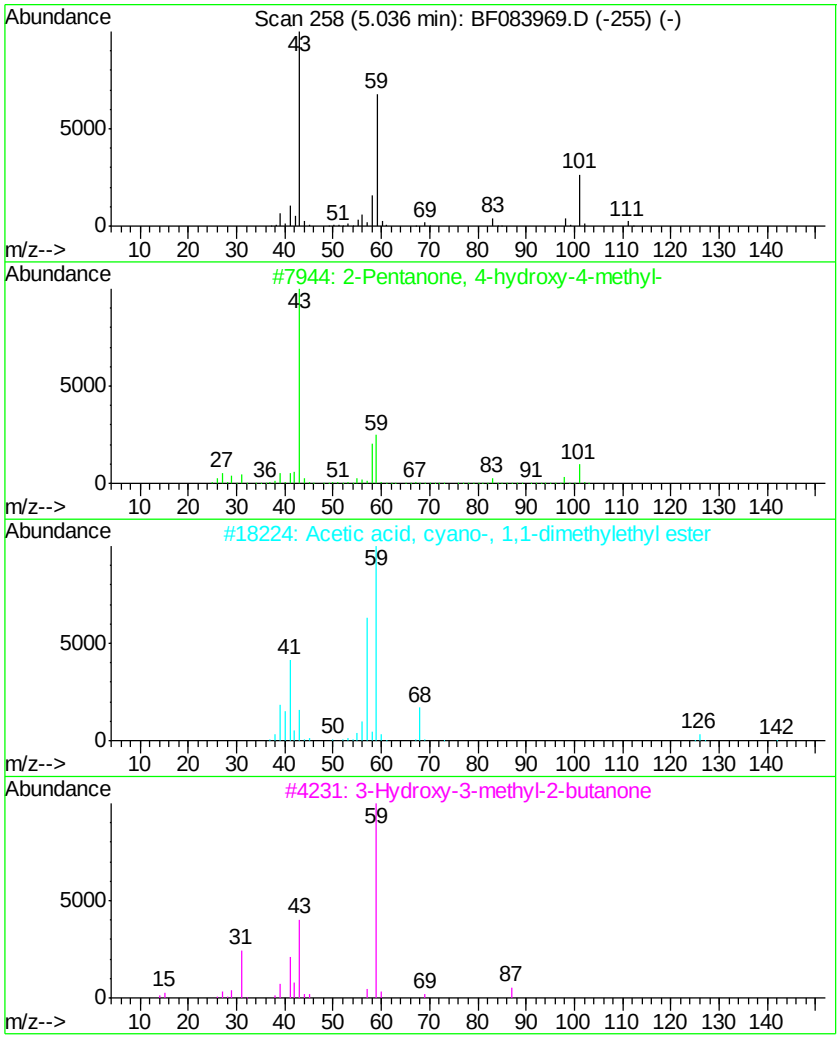
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

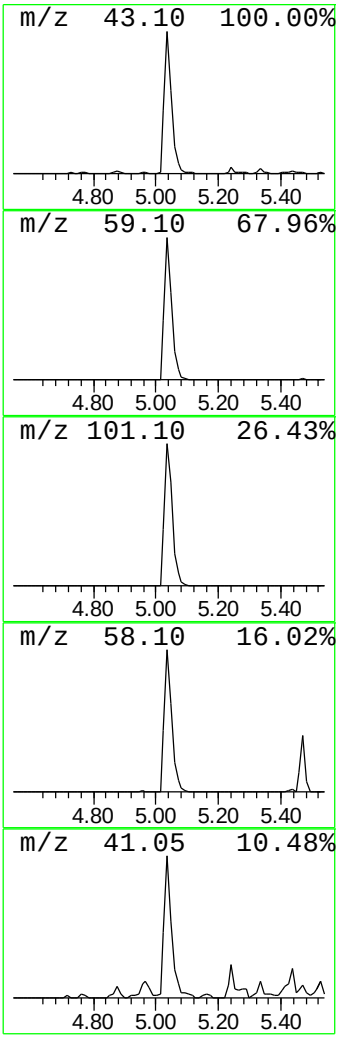
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	22.51 ng	720061	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083969.D
Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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

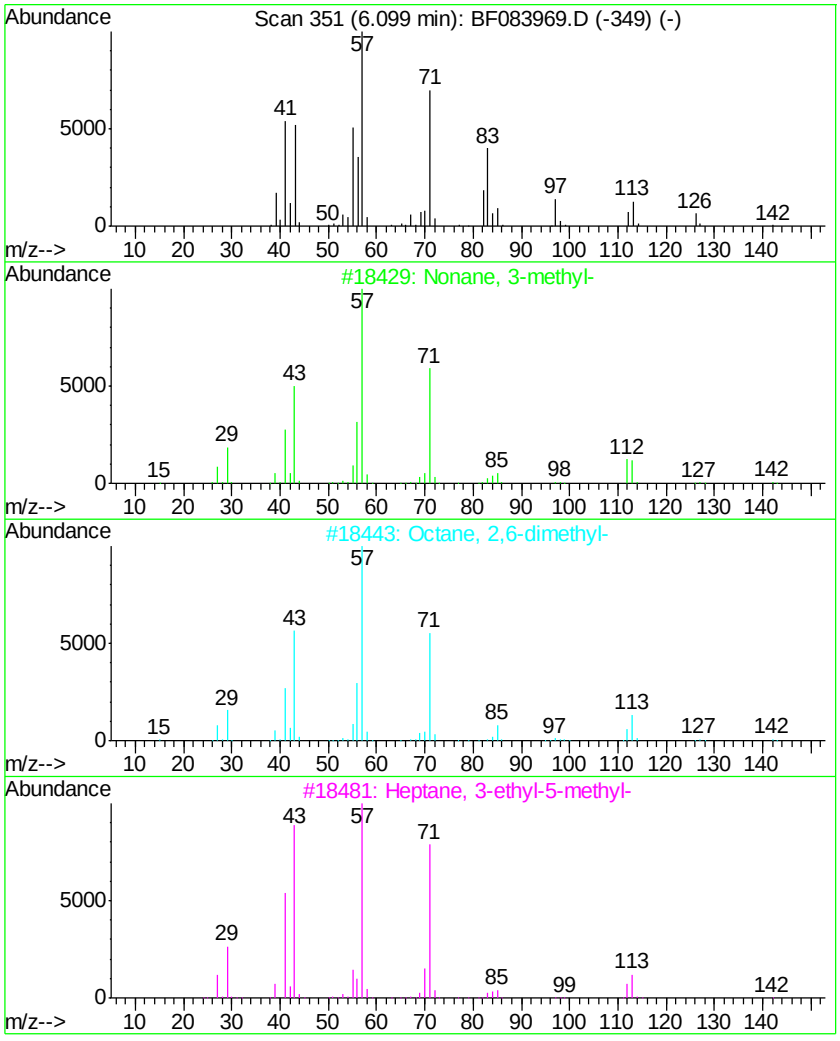
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

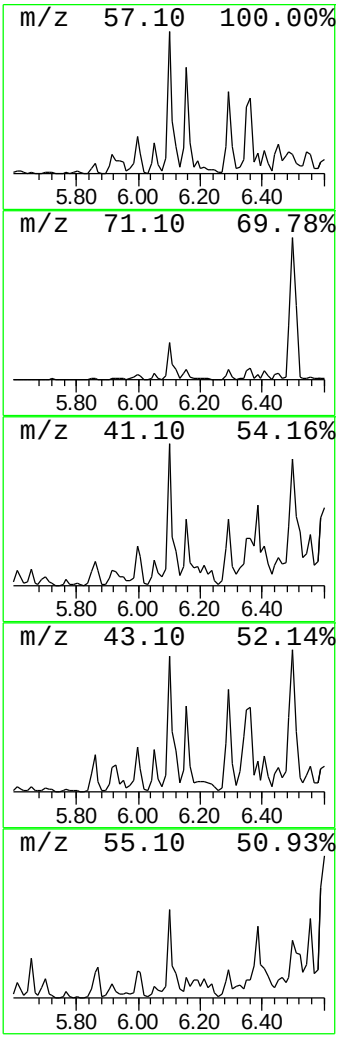
****

Peak Number 2 Nonane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.10	15.20 ng	486194	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	60
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	46
4	3-Bromooctane	192	C8H17Br	000999-64-4	43
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083969.D
Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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

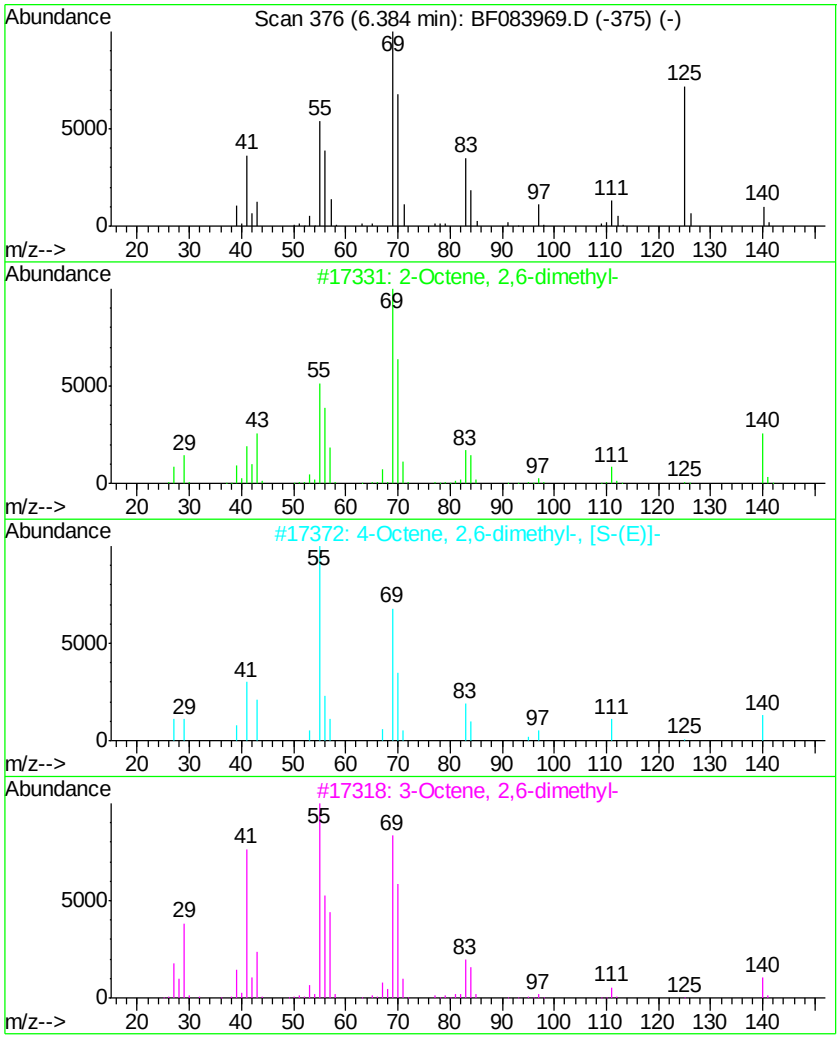
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

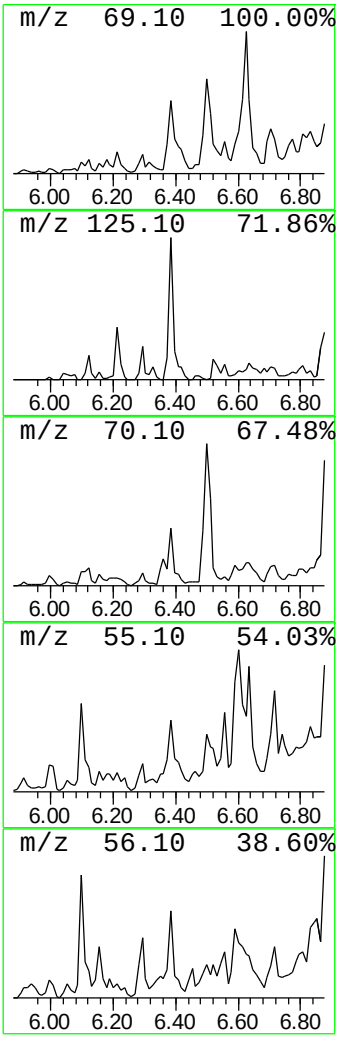
****

Peak Number 3 2-Octene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	12.32 ng	393978	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	76
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	52
3	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	47
4	1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	46
5	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083969.D
Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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

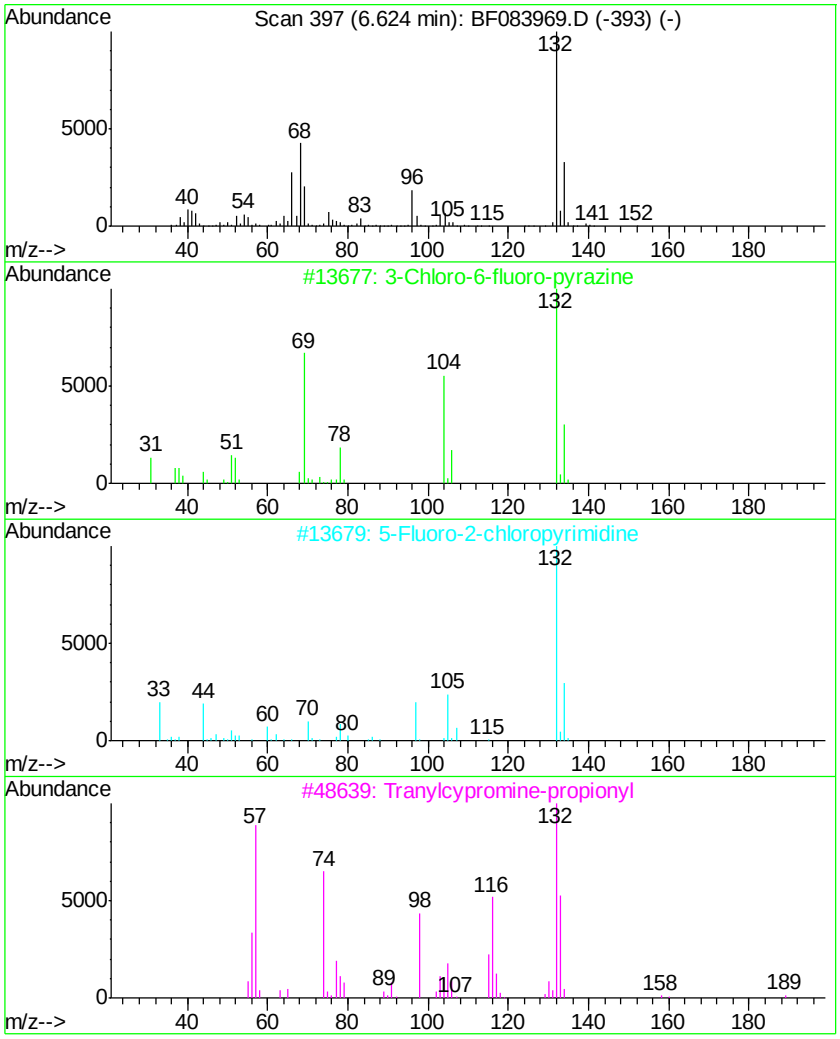
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

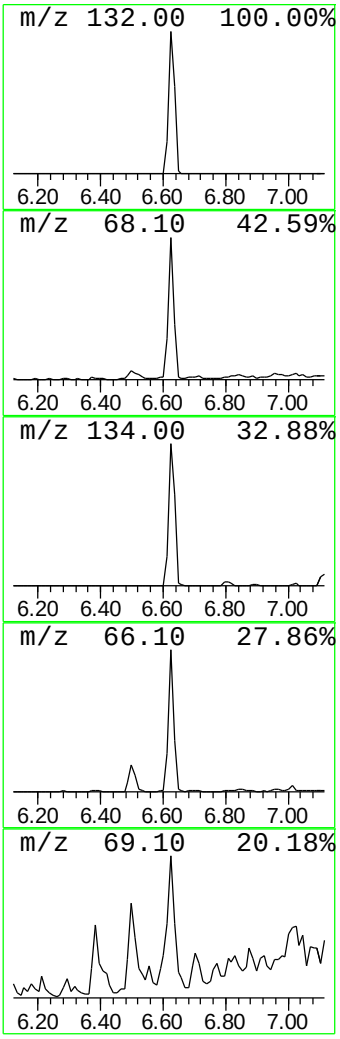
****

Peak Number 4 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	94.18 ng	3012430	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083969.D
Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LTCWC-TANK1

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

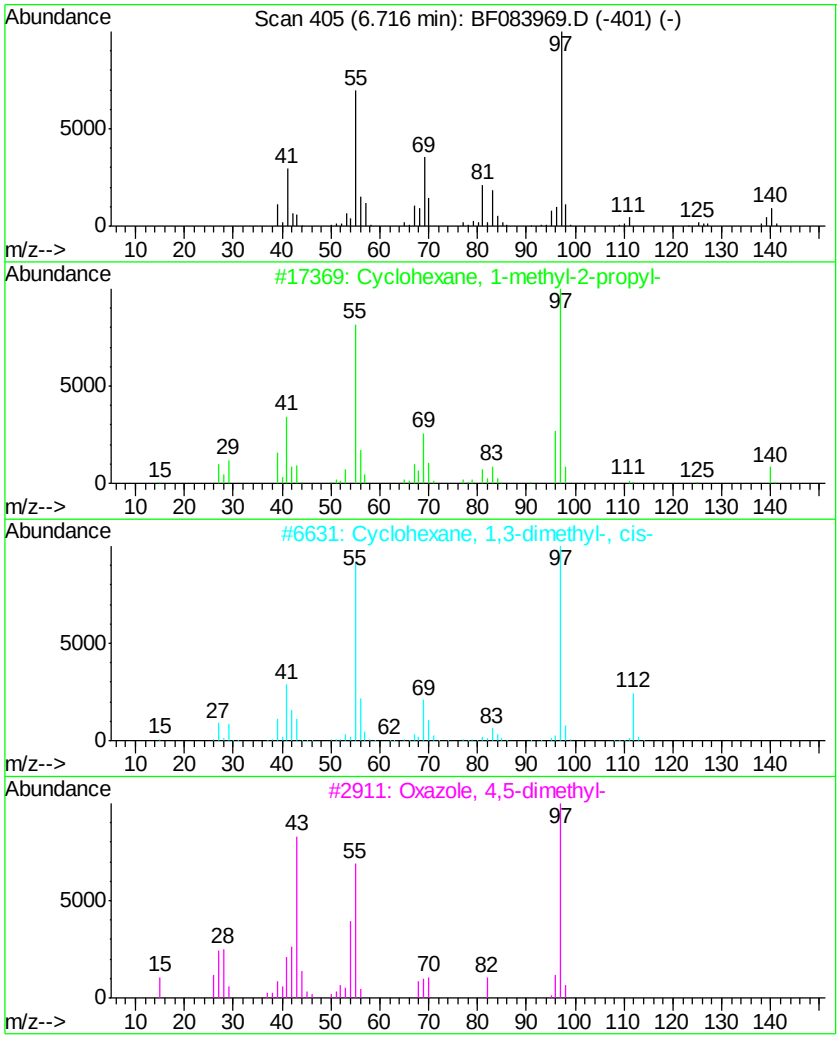
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

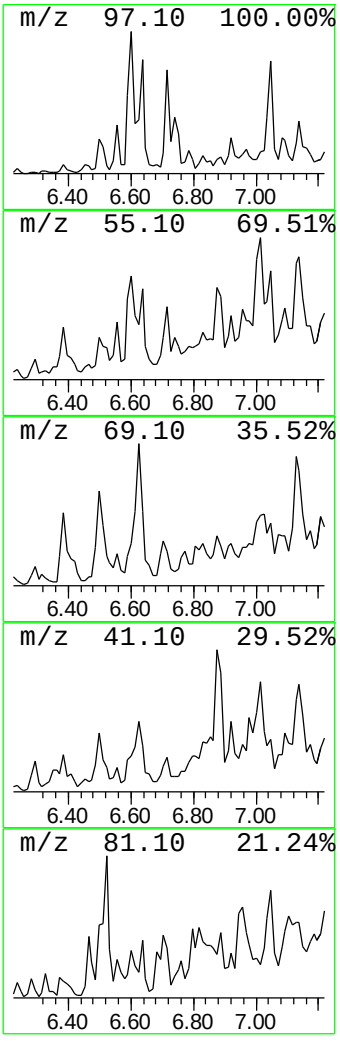
****

Peak Number 5 Cyclohexane, 1-methyl-2-pro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	11.78 ng	376936	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	72
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
3	Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	58
4	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	53
5	1,3-Dimethylcyclohexane,c&t	112	C8H16	000591-21-9	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083969.D
Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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

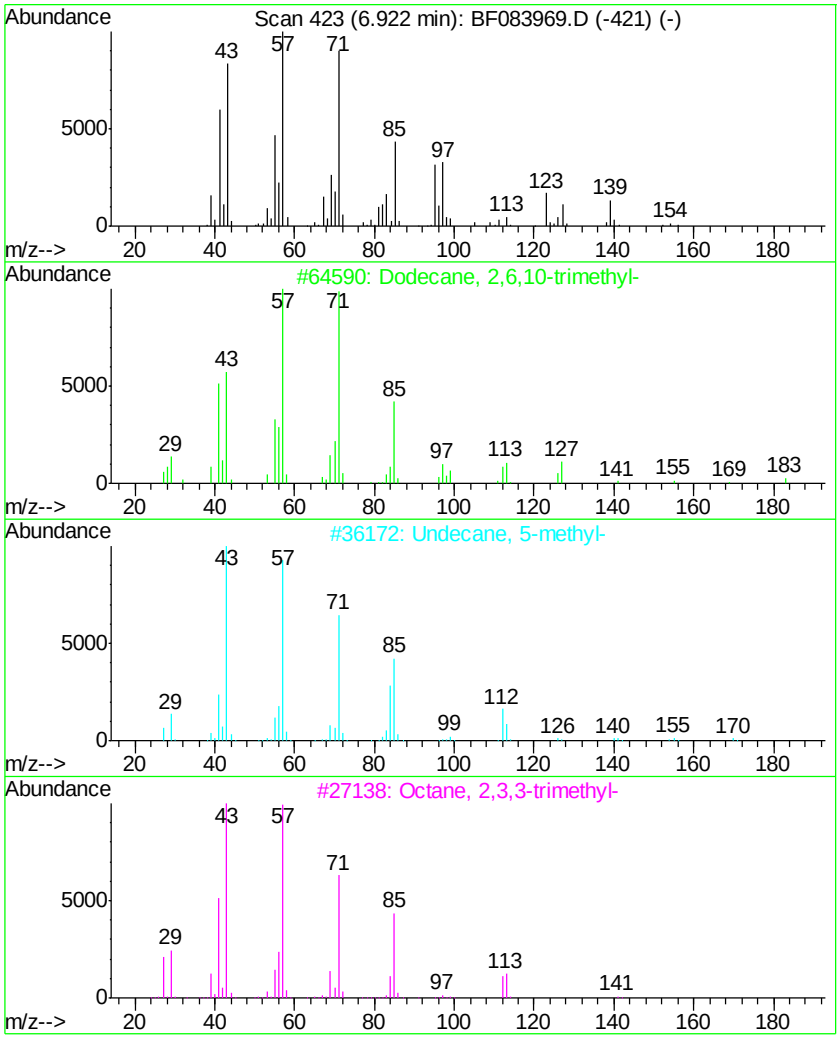
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

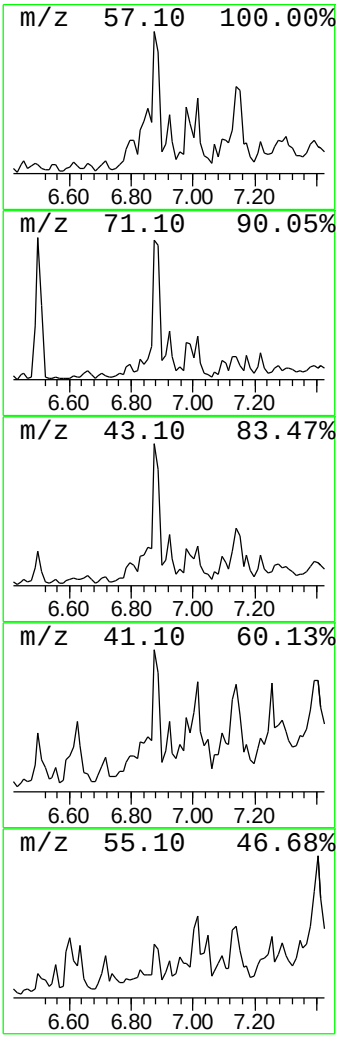
****

Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	12.46 ng	398460	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
3	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	50
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	50
5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
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Acq On : 19 Dec 2015 22:02
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Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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

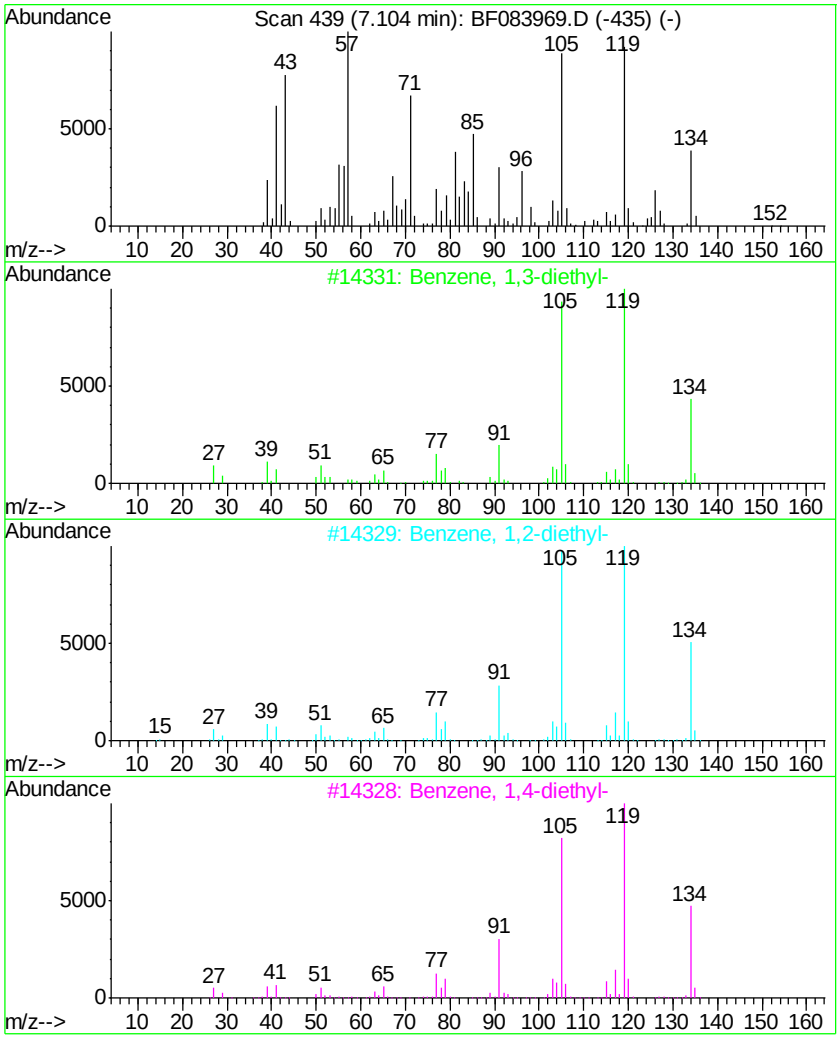
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

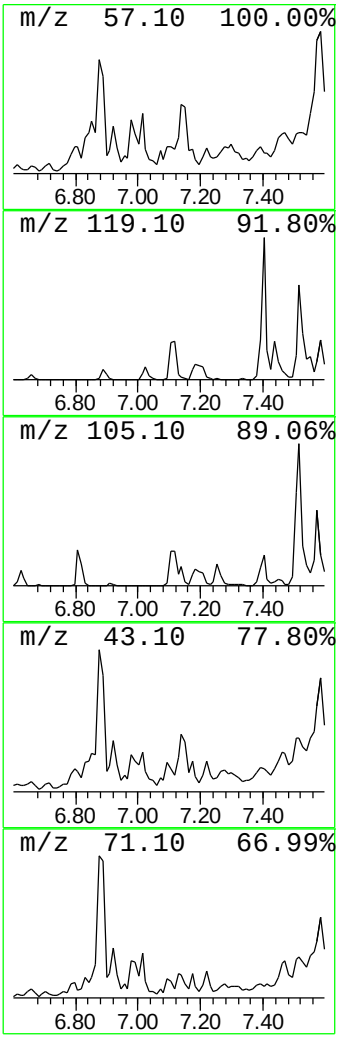
****

Peak Number 8 Benzene, 1,3-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	24.41 ng	780865	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	46
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083969.D
Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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

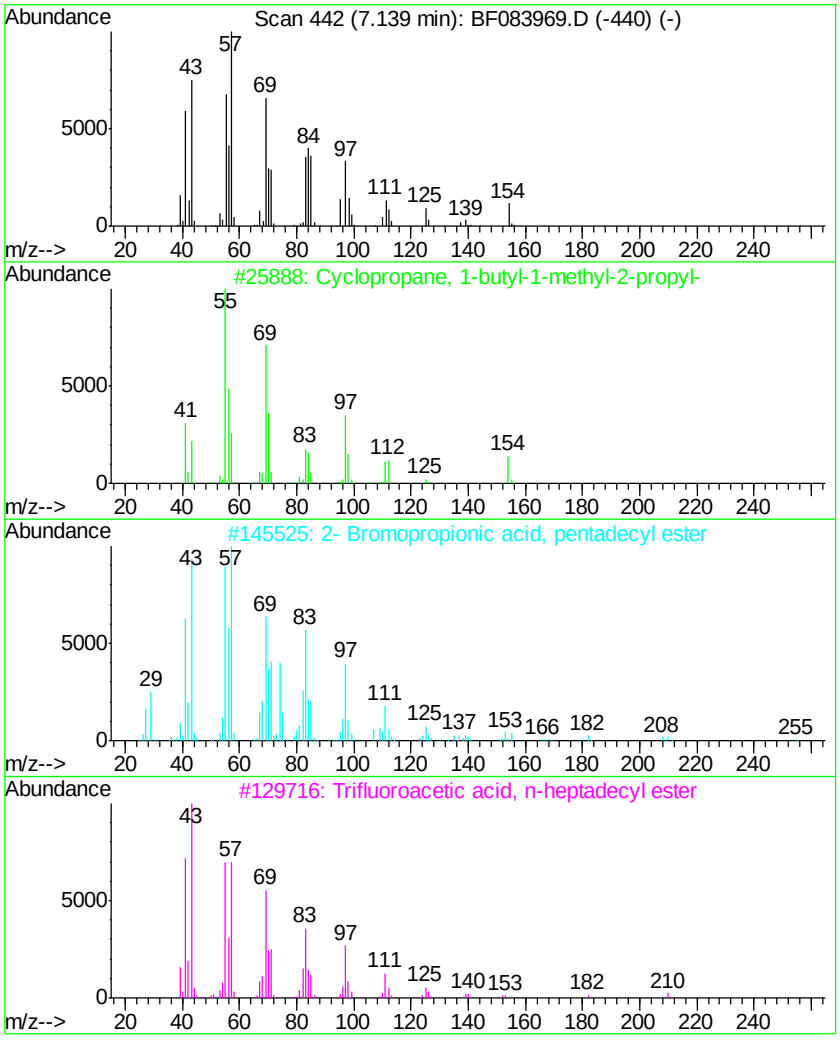
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

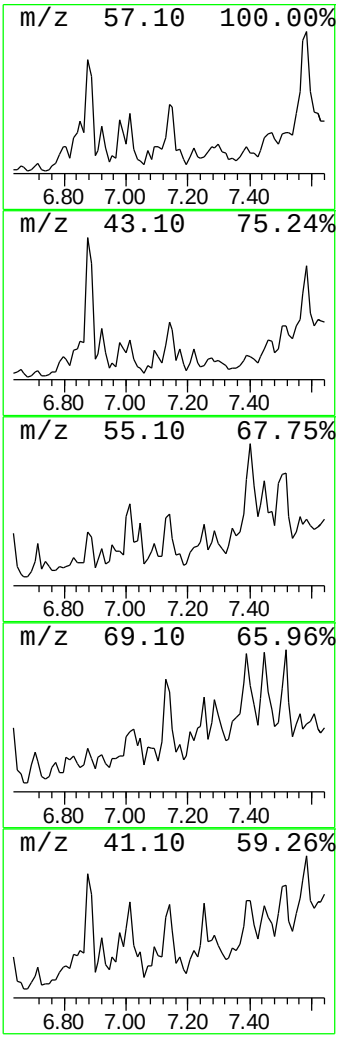
****

Peak Number 9 Cyclopropane, 1-butyl-1-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	30.29 ng	968856	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	60
2	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	52
3	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	52
4	4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	49
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	49





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Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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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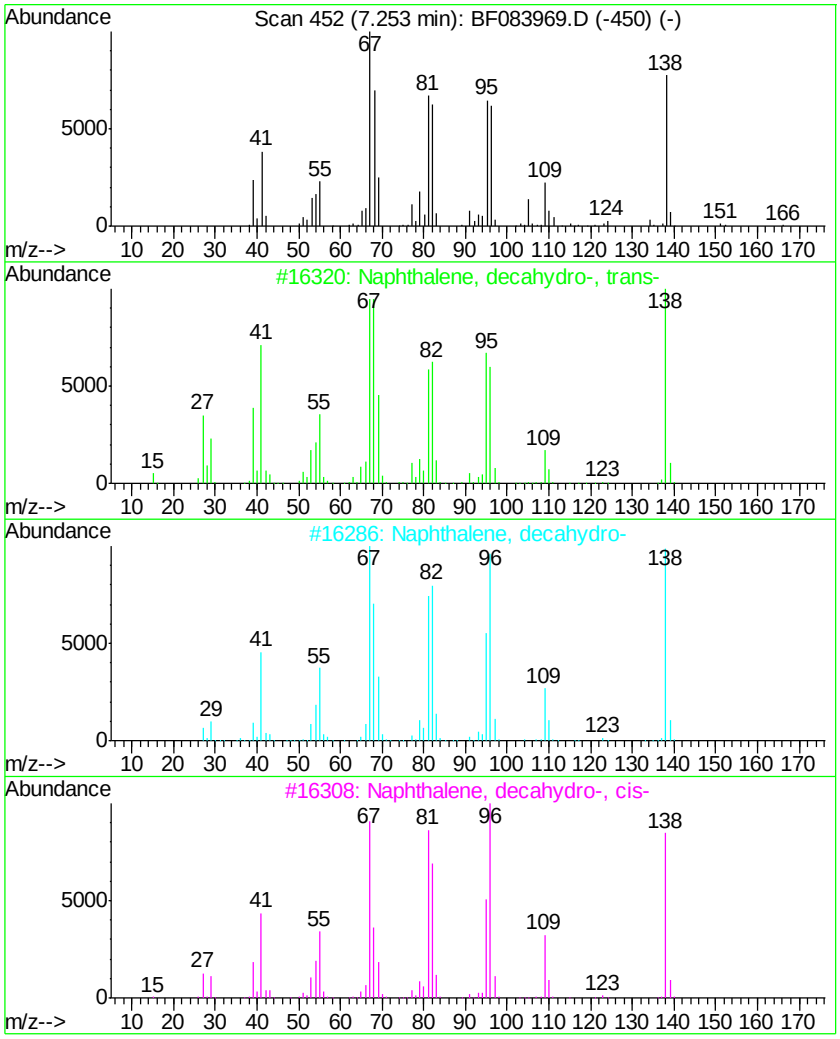
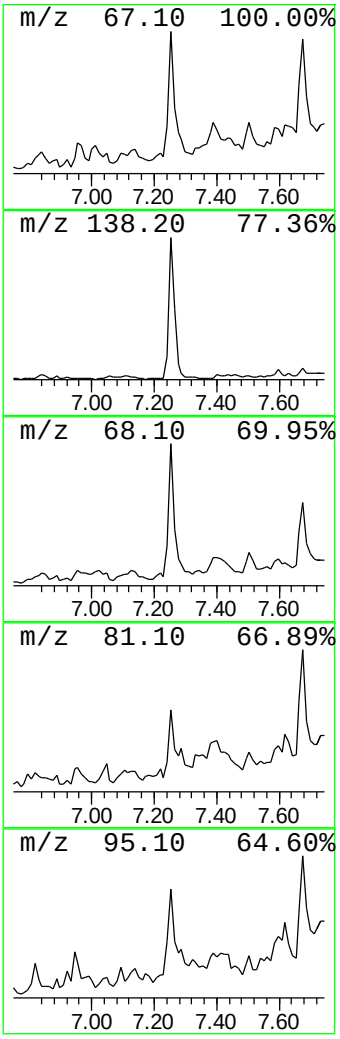
Peak Number 10 Naphthalene, decahydro-, tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	34.41 ng	1100480	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	90
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	87
4	Cyclodecene	138	C10H18	003618-12-0	87
5	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	80





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Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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

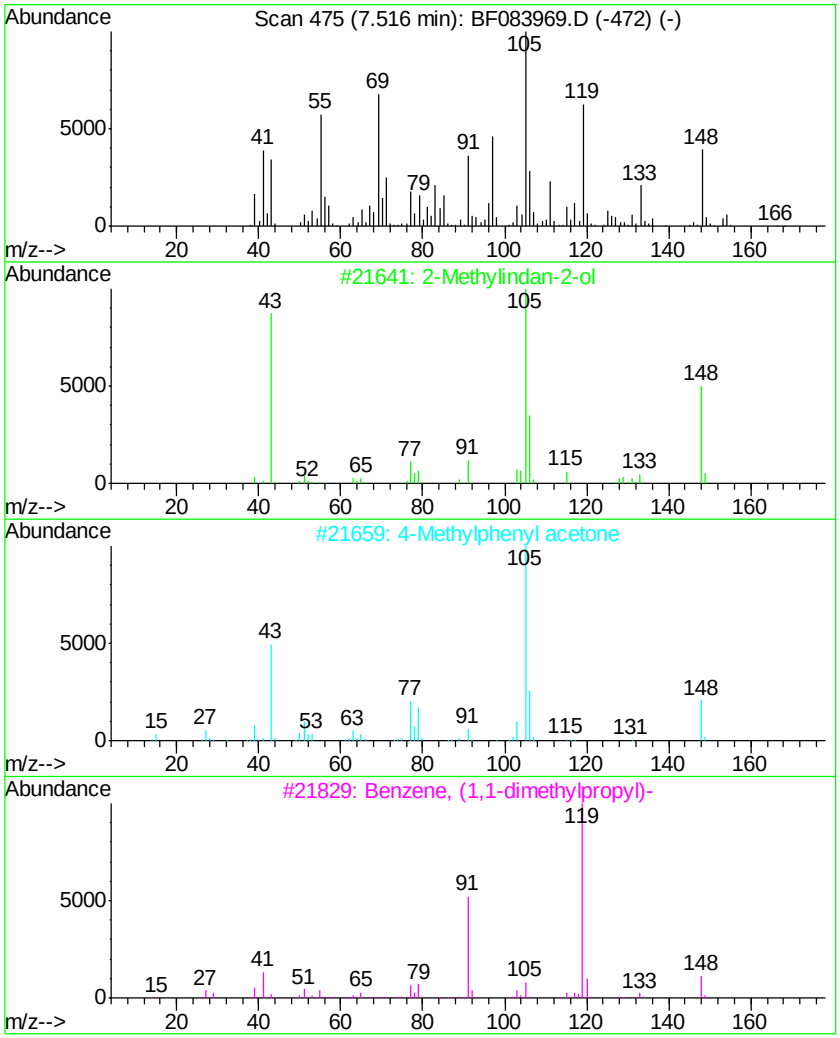
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

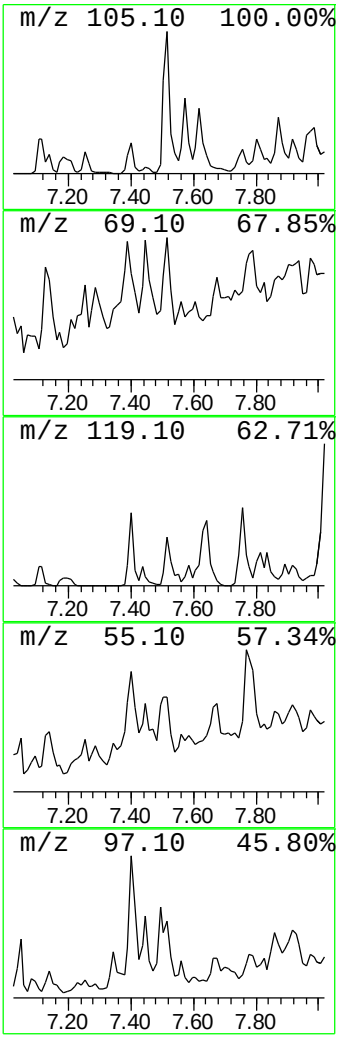
****

Peak Number 11 unknown7.52 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	23.78 ng	1905100	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	38
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	38
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	30
4	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	27
5	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	25





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Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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

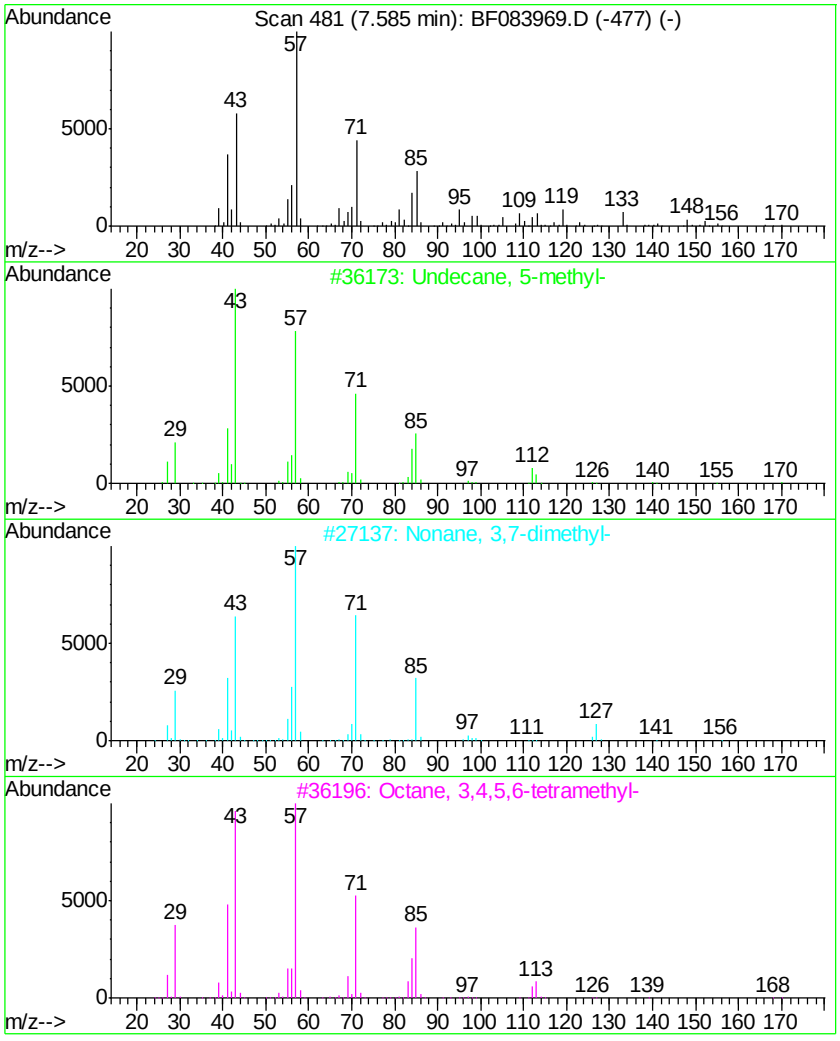
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

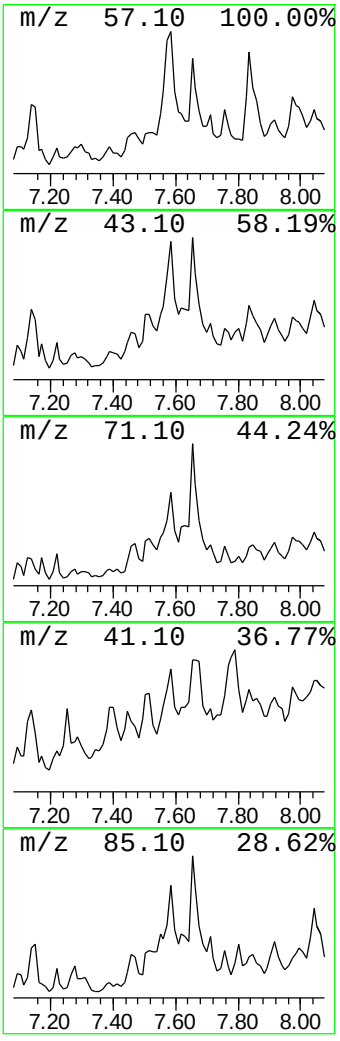
****

Peak Number 12 Undecane, 5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	20.95 ng	1678780	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	68
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59
4	Tridecane	184	C13H28	000629-50-5	59
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	58





Library Search Compound Report

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Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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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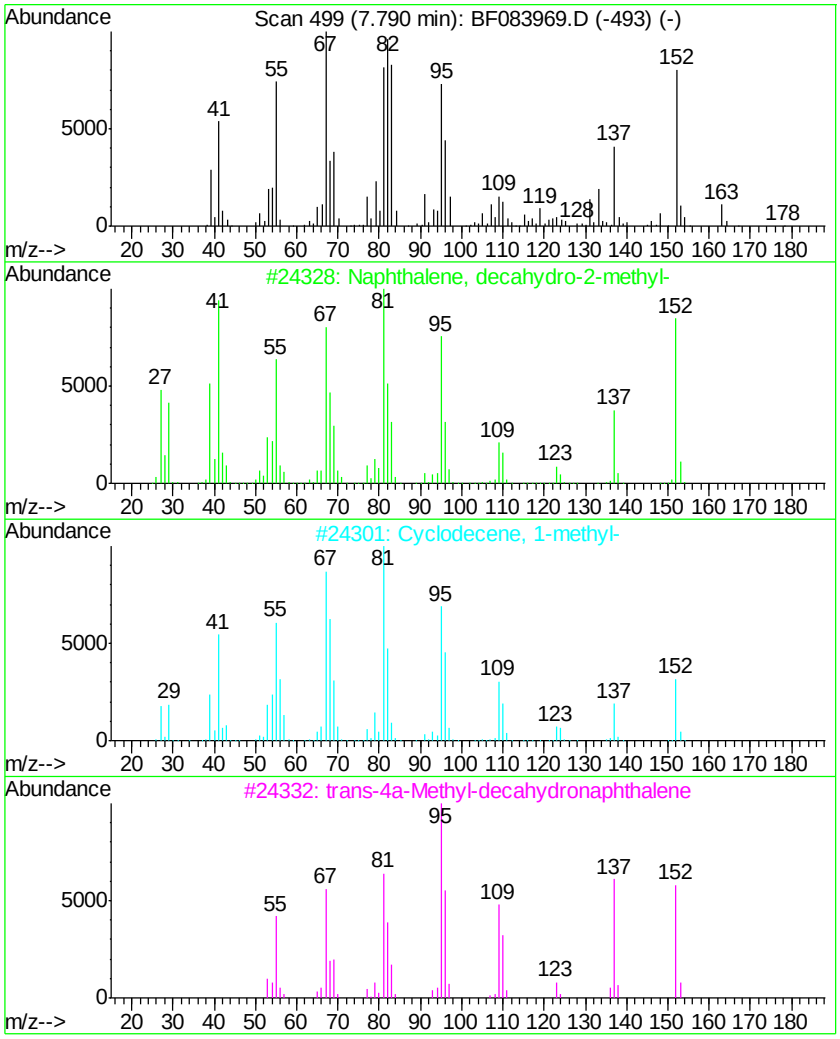
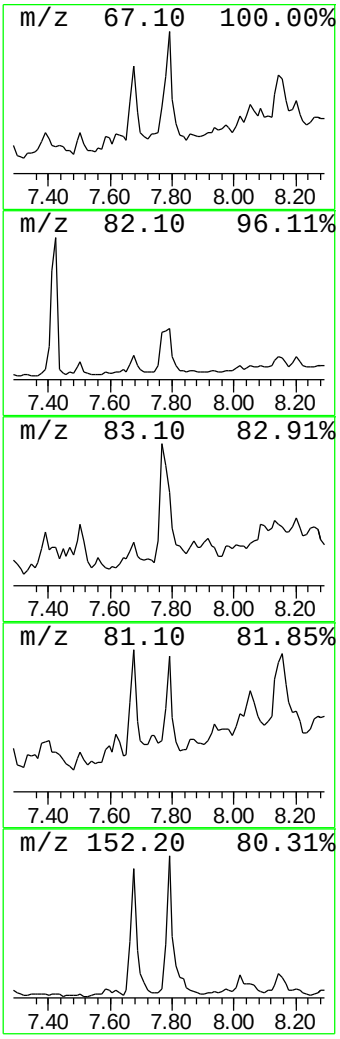
Peak Number 14 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	51.25 ng	4106720	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	68
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	55
4	Cyclopentylcyclohexane	152	C11H20	001606-08-2	53
5	Furan, 2-hexyl-	152	C10H16O	003777-70-6	50





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Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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

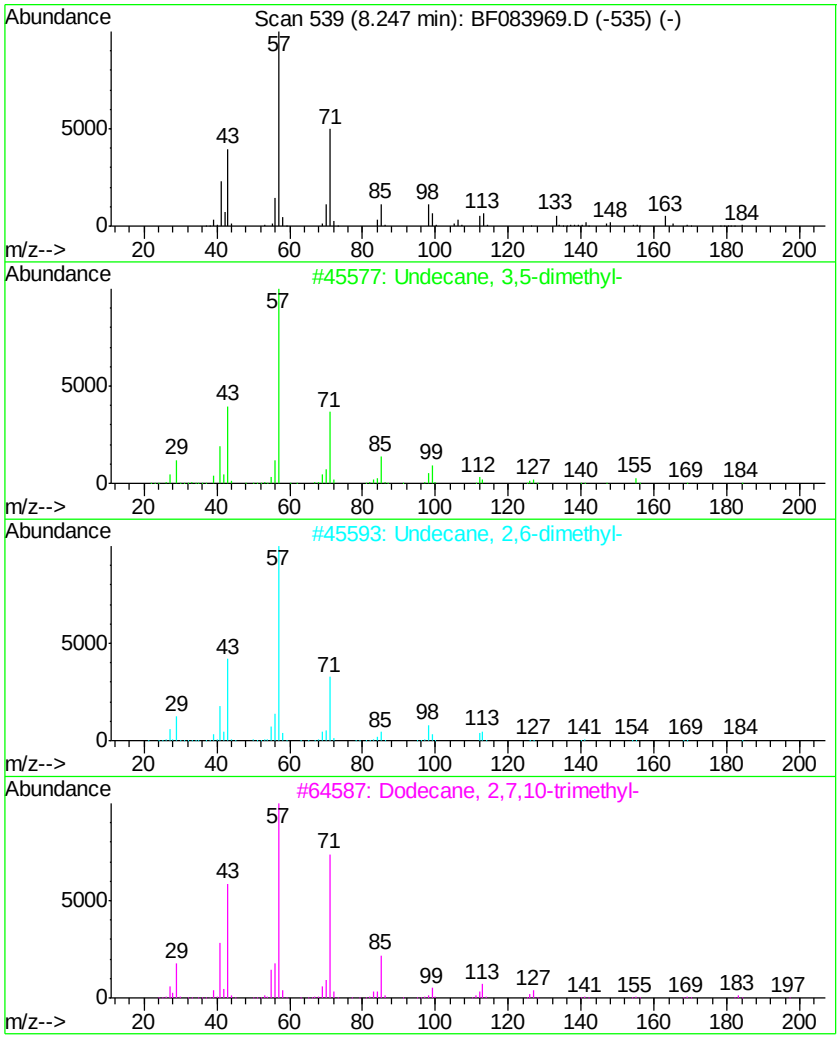
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

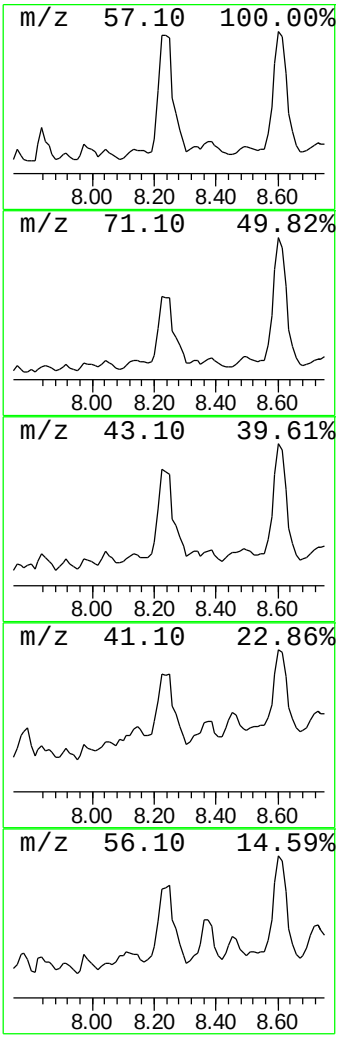
****

Peak Number 15 Undecane, 3,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	72.73 ng	5827480	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	59
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59





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Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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

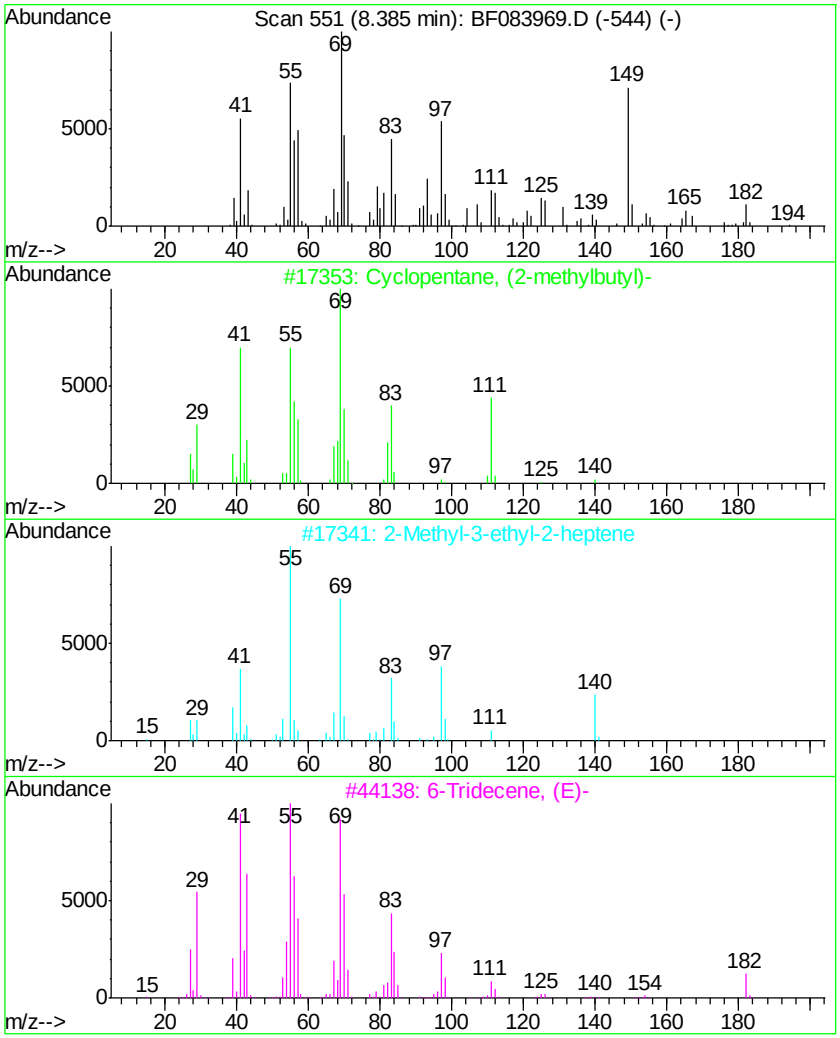
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

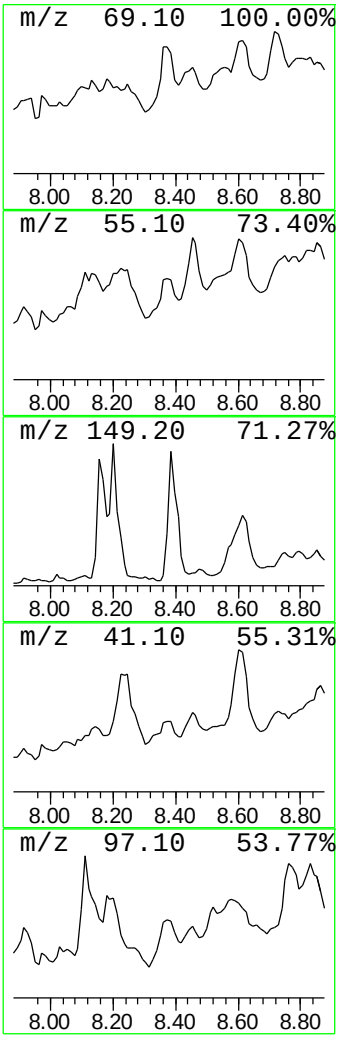
****

Peak Number 16 unknown8.38 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	37.46 ng	3001270	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	49
2	2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	49
3	6-Tridecene, (E)-	182	C13H26	006434-76-0	38
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	38
5	Cyclotridecane	182	C13H26	000295-02-3	38





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Acq On : 19 Dec 2015 22:02
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Sample : G4869-07
Misc :
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Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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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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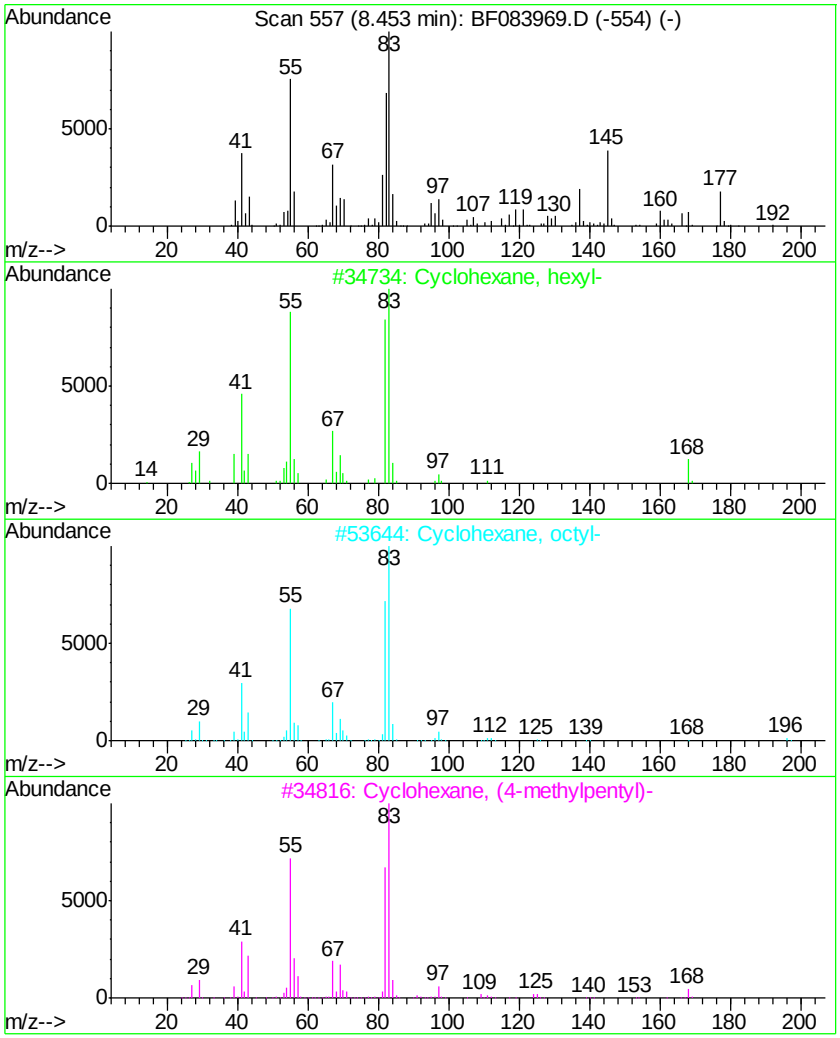
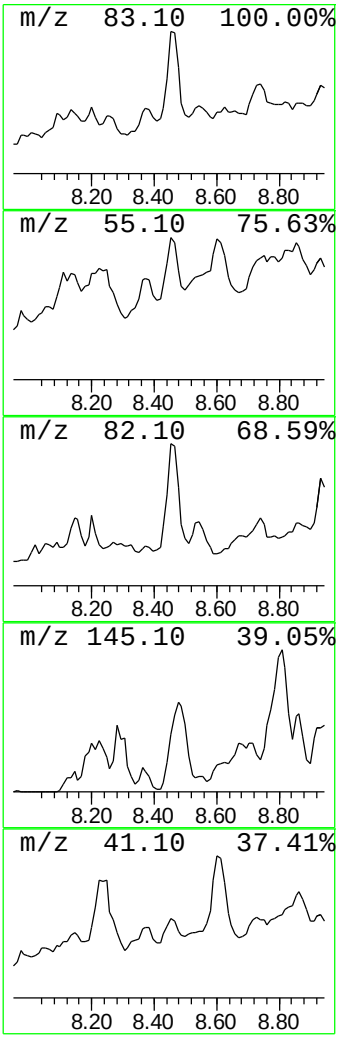
Peak Number 17 Cyclohexane, hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	25.68 ng	2057480	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
4	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	50
5	Heptylcyclohexane	182	C13H26	005617-41-4	50





Library Search Compound Report

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Sample : G4869-07
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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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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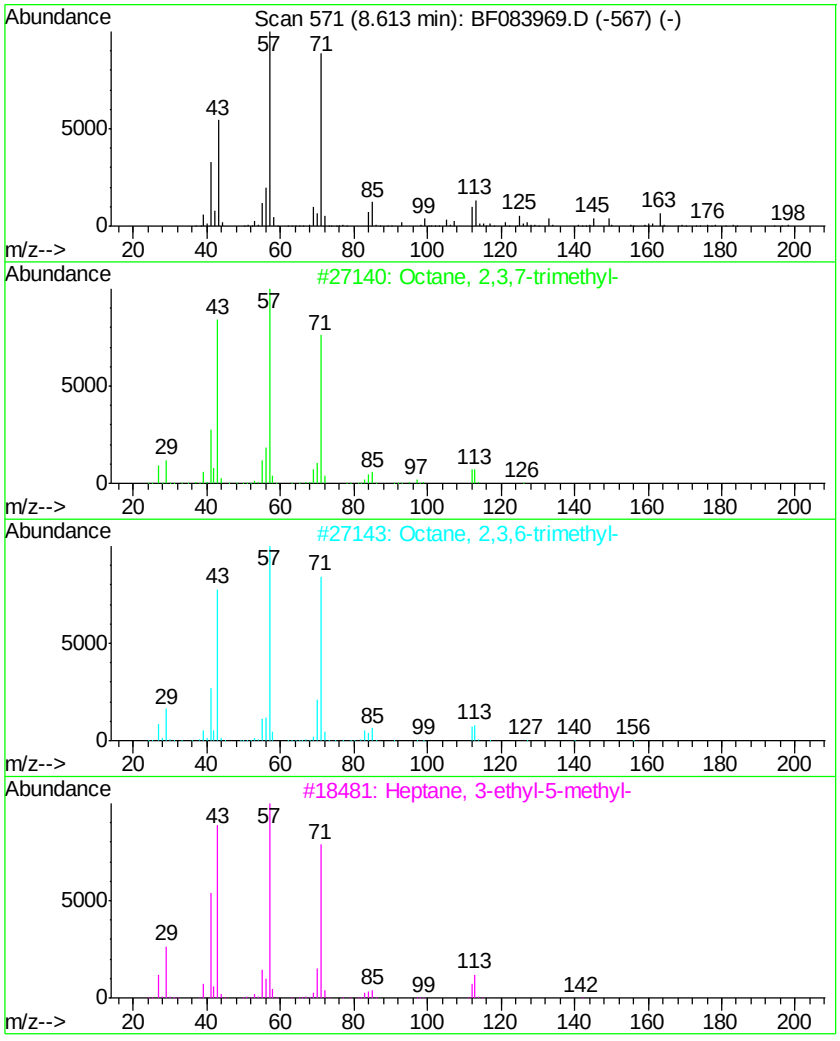
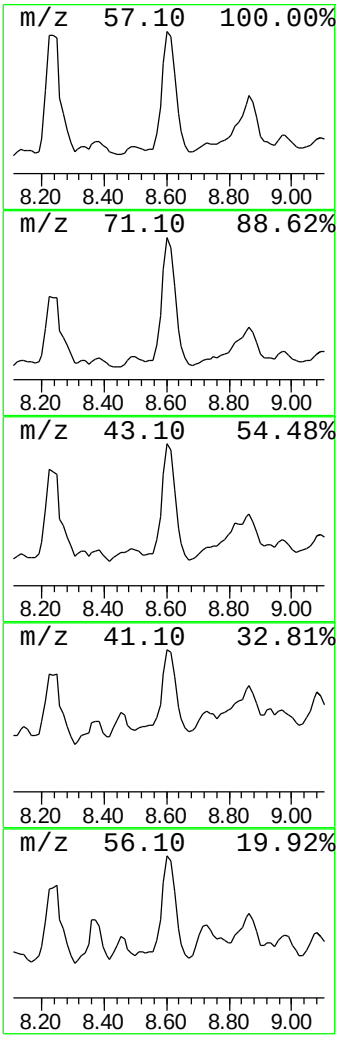
Peak Number 18 Octane, 2,3,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	56.24 ng	4506290	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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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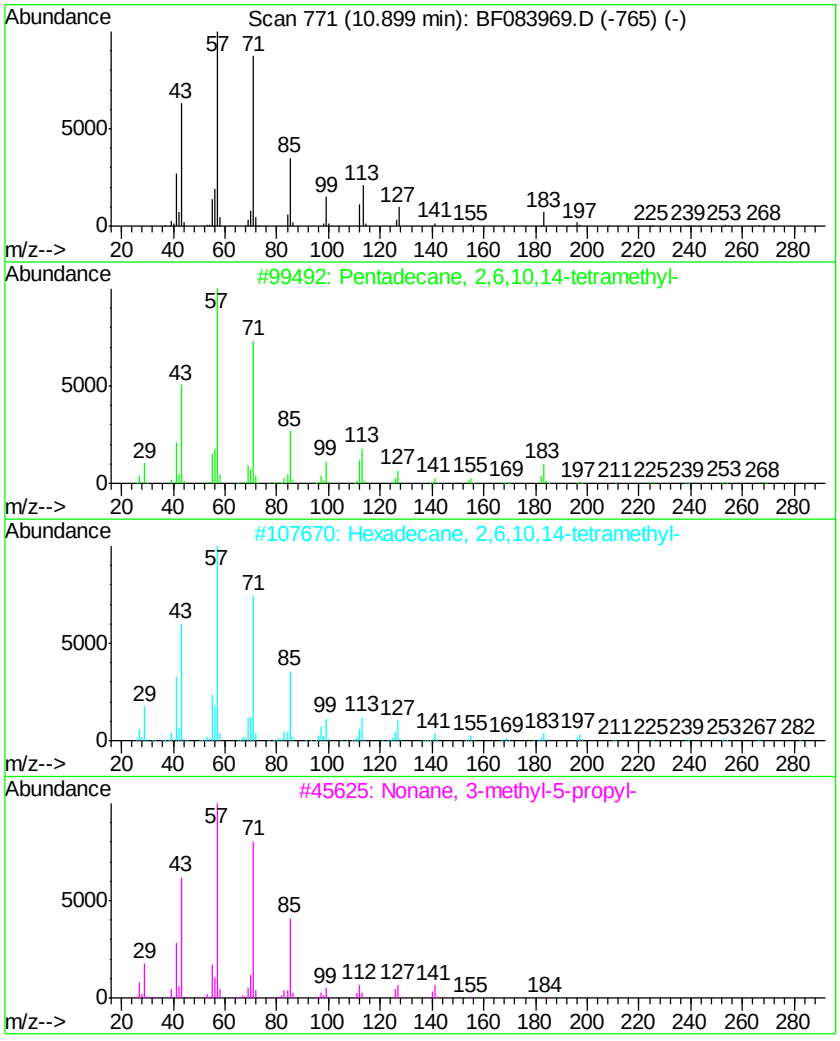
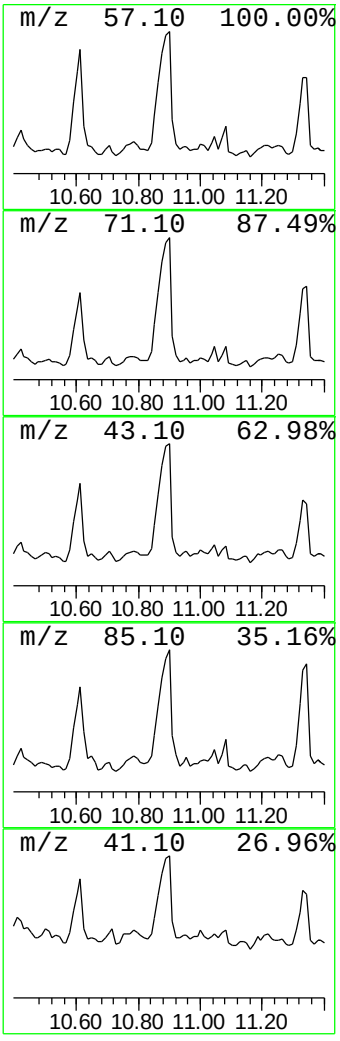
Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	33.67 ng	6695660	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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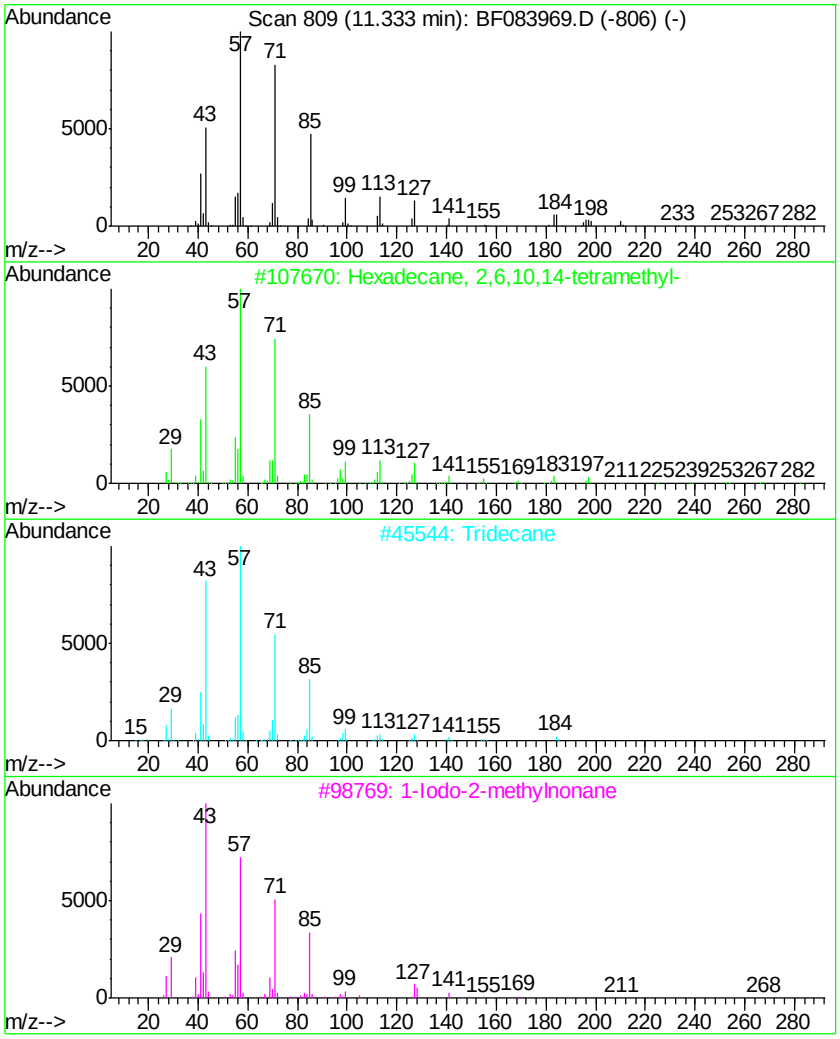
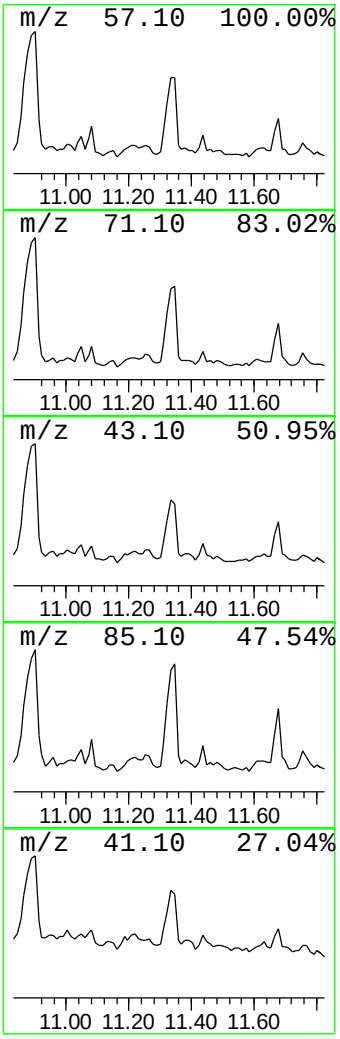
Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	20.00 ng	3977460	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Tridecane	184	C13H28	000629-50-5	87
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74





Tentatively Identified Compound (LSC) summary

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Data File : BF083969.D
Acq On : 19 Dec 2015 22:02
Operator : UM/SJ
Sample : G4869-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LTCWC-TANK1

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
2-Pentanone, 4-hy...	5.04	22.5	ng	720061	1	6.85	639709	20.0
Nonane, 3-methyl-	6.10	15.2	ng	486194	1	6.85	639709	20.0
2-Octene, 2,6-dim...	6.38	12.3	ng	393978	1	6.85	639709	20.0
unknown6.62	6.62	94.2	ng	3012430	1	6.85	639709	20.0
Cyclohexane, 1-me...	6.72	11.8	ng	376936	1	6.85	639709	20.0
Dodecane, 2,6,10-...	6.92	12.5	ng	398460	1	6.85	639709	20.0
Benzene, 1,3-diet...	7.10	24.4	ng	780865	1	6.85	639709	20.0
Cyclopropane, 1-b...	7.14	30.3	ng	968856	1	6.85	639709	20.0
Naphthalene, deca...	7.25	34.4	ng	1100480	1	6.85	639709	20.0
unknown7.52	7.52	23.8	ng	1905100	2	8.14	1602530	20.0
Undecane, 5-methyl-	7.58	20.9	ng	1678780	2	8.14	1602530	20.0
Naphthalene, deca...	7.79	51.3	ng	4106720	2	8.14	1602530	20.0
Undecane, 3,5-dim...	8.25	72.7	ng	5827480	2	8.14	1602530	20.0
unknown8.38	8.38	37.5	ng	3001270	2	8.14	1602530	20.0
Cyclohexane, hexyl-	8.45	25.7	ng	2057480	2	8.14	1602530	20.0
Octane, 2,3,7-tri...	8.61	56.2	ng	4506290	2	8.14	1602530	20.0
Pentadecane, 2,6,...	10.90	33.7	ng	6695660	4	11.42	3977460	20.0
Hexadecane, 2,6,1...	11.33	20.0	ng	3977460	4	11.42	3977460	20.0