LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

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-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.584	128	131	135	rBV	64340	123383	2.35%	0.221%
2	4.967	250	252	255	rVB	775332	829205	15.76%	1.484%
3	5.413	289	291	294	rBV	1967123	2067068	39.30%	3.700%
4	6.453	380	382	385	rVB	1485053	1432252	27.23%	2.564%
5	6.579	390	393	395	rBV	4512083	4070645	77.39%	7.287%
6	6.796	410	412	415	rBV	1043835	1180448	22.44%	2.113%
7	6.876	417	419	422	rVV	1807664	2040862	38.80%	3.653%
8	6.956	424	426	428	rVB	3214401	3553538	67.56%	6.361%
9	7.025	428	432	434	rBV2	45712	83064	1.58%	0.149%
10	7.150	440	443	446	rVB2	57399	104858	1.99%	0.188%
11	7.207	446	448	450	rBV2	59149	106493	2.02%	0.191%
12	7.242	450	451	455	rVB3	46482	73077	1.39%	0.131%
13	7.322	455	458	460	rBV2	92168	153196	2.91%	0.274%
14	7.367	460	462	464	rVB	3132803	3028878	57.58%	5.422%
15	7.527	471	476	477	rBV4	34927	90513	1.72%	0.162%
16	7.630	482	485	487	rBV3	75592	96908	1.84%	0.173%
17	7.676	487	489	490	rVB2	62304	80034	1.52%	0.143%
18	7.768	494	497	502	rBV4	45411	111012	2.11%	0.199%
19	7.836	502	503	505	rBV2	94614	110595	2.10%	0.198%
20	7.893	507	508	511	rVB3	46502	75228	1.43%	0.135%
21	8.030	511	520	523	rBV6	200502	552159	10.50%	0.988%
22	8.088	523	525	529	rVB	1729307	1588266	30.20%	2.843%
23	8.145	529	530	533	rVB2	73183	131021	2.49%	0.235%
24	8.213	533	536	538	rBV2	264082	437882	8.32%	0.784%
25	8.316	540	545	546	rBV2	180097	458990	8.73%	0.822%
26	8.339	546	547	548	rVB	147585	101170	1.92%	0.181%
27	8.385	550	551	555	rVB2	139095	230903	4.39%	0.413%
28	8.453	555	557	559	rBV	191000	331998	6.31%	0.594%
29	8.510	559	562	566	rBV5	204389	640393	12.17%	1.146%
30	8.568	566	567	569	rBV2	141955	163289	3.10%	0.292%
31	8.613	569	571	573	rVB2	320858	530939	10.09%	0.950%
32	8.670	573	576	577	rBV	242537	414276	7.88%	0.742%
33	8.716	577	580	582	rVB3	231794	359135	6.83%	0.643%
34	8.762	582	584	587	rBV3	125459	191476	3.64%	0.343%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

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-BF110715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.830	587	590	591	rBV2	249740	497464	9.46%	0.890%
36	8.853	591	592	594	rBV	156488	194394	3.70%	0.348%
37	8.888	594	595	597	rBV2	197986	352225	6.70%	0.631%
38	8.968	600	602	603	rBV2	201130	340450	6.47%	0.609%
39	9.002	603	605	608	rVB	532037	911310	17.33%	1.631%
40	9.048	608	609	611	rBV2	166543	217435	4.13%	0.389%
41	9.105	611	614	615	rBV3	408710	705417	13.41%	1.263%
42	9.139	615	617	618	rBV2	256674	372979	7.09%	0.668%
43	9.173	618	620	622	rBV	6085433	5260009	100.00%	9.416%
44	9.253	625	627	628	rBV	127588	181237	3.45%	0.324%
45	9.299	628	631	632	rBV3	189881	435566	8.28%	0.780%
46	9.333	632	634	638	rBV5	433044	664743	12.64%	1.190%
47	9.402	638	640	645	rBV4	405989	657485	12.50%	1.177%
48	9.482	645	647	651	rBV2	695056	1791000	34.05%	3.206%
49	9.539	651	652	654	rVB2	415577	456640	8.68%	0.817%
50	9.585	654	656	659	rBV4	189113	332156	6.31%	0.595%
51	9.733	665	669	670	rBV3	346715	631152	12.00%	1.130%
52	9.848	675	679	681	rBV	1967707	2579438	49.04%	4.617%
53	9.916	683	685	689	rVV4	353974	636519	12.10%	1.139%
54	9.985	689	691	694	rBV3	201082	404437	7.69%	0.724%
55	10.168	705	707	708	rBV	342798	428477	8.15%	0.767%
56	10.248	711	714	716	rBV3	400258	761341	14.47%	1.363%
57	10.454	731	732	734	rBV2	392826	421793	8.02%	0.755%
58	10.636	746	748	751	rBV2	2171008	3048061	57.95%	5.456%
59	10.705	752	754	757	rBV3	223327	402401	7.65%	0.720%
60	11.334	807	809	811	rVB	1495819	1336121	25.40%	2.392%
61	11.905	857	859	861	rVB	362380	362023	6.88%	0.648%
62	12.682	925	927	929	rBV	330878	337835	6.42%	0.605%
63	12.922	946	948	951	rVB	3746317	3677360	69.91%	6.583%
64	13.974	1037	1040	1042	rVB	911815	961900	18.29%	1.722%
65	15.391	1161	1164	1167	rVB	806634	961330	18.28%	1.721%

Sum of corrected areas: 55863852

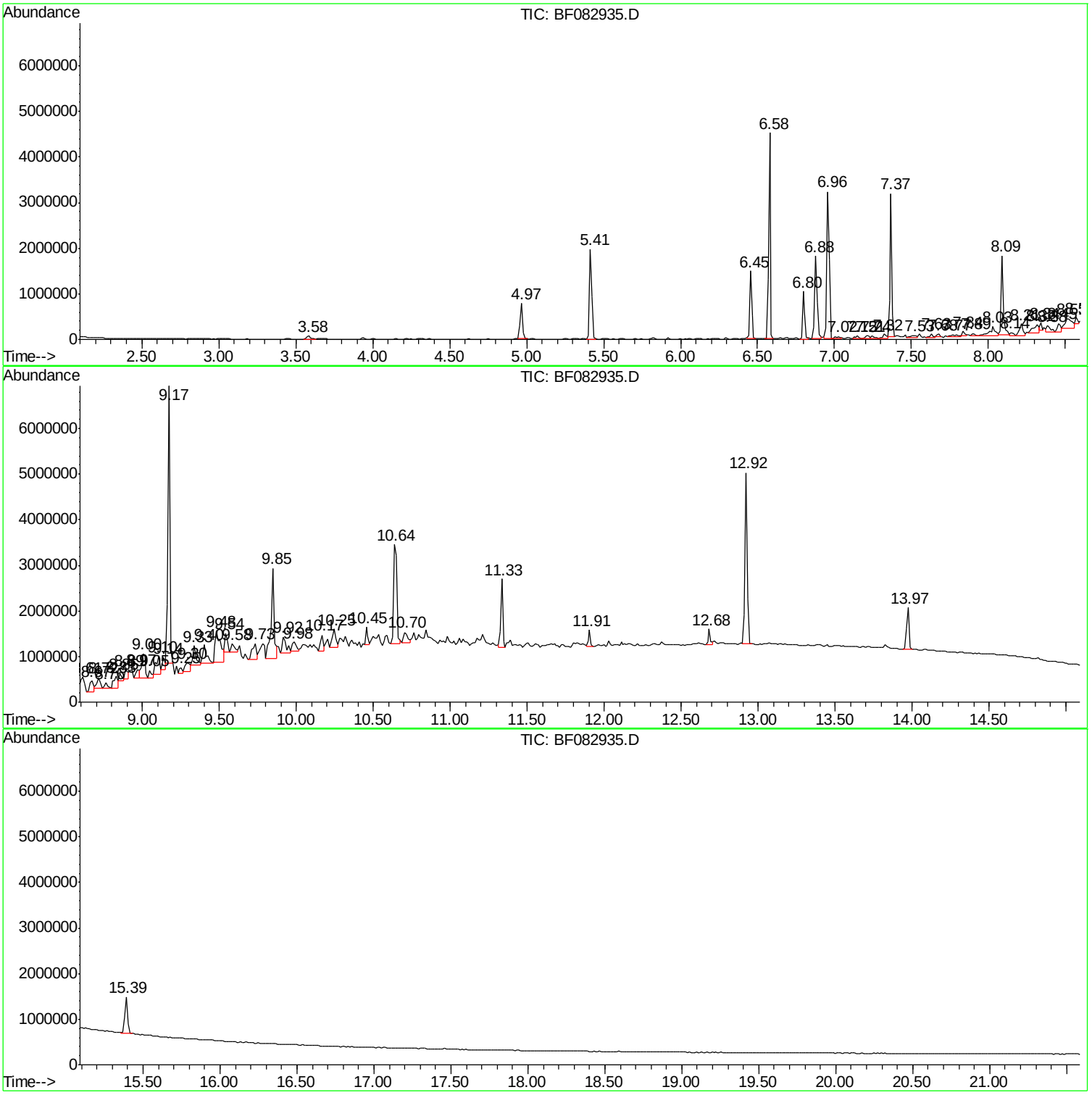
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

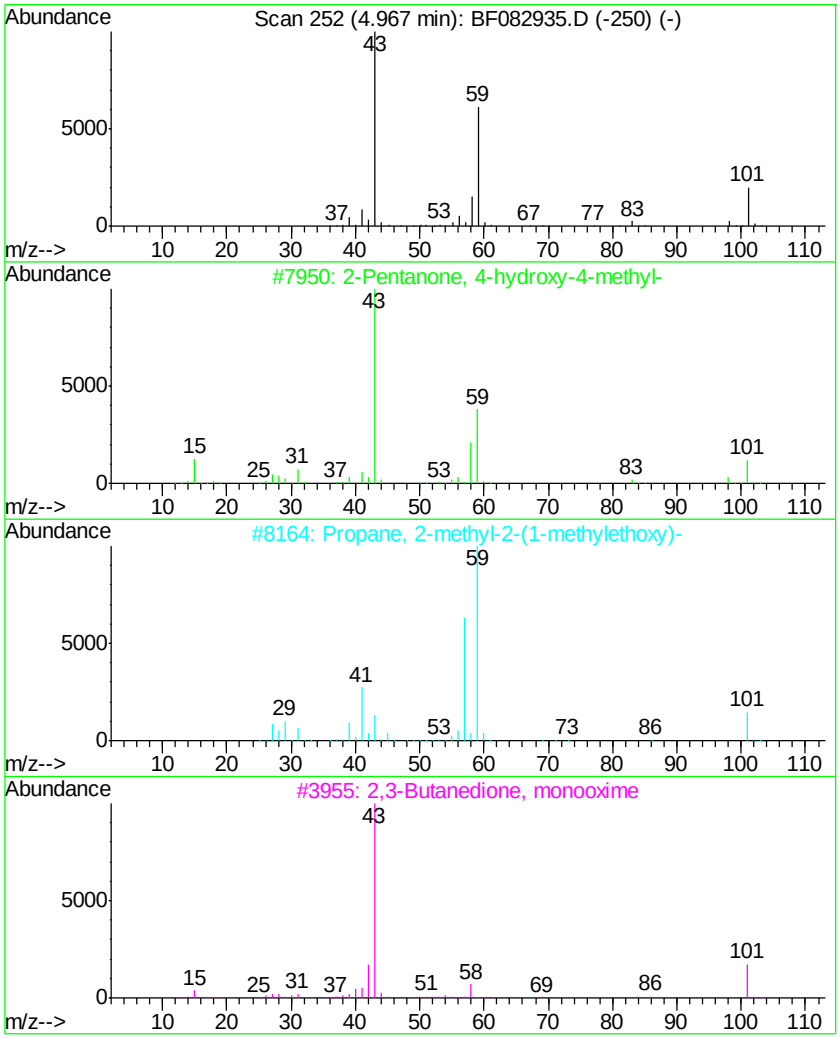
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

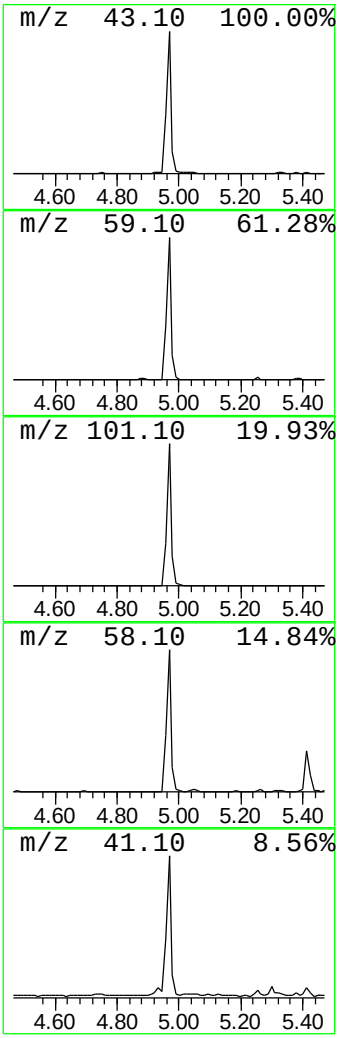
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	14.05 ng	829205	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

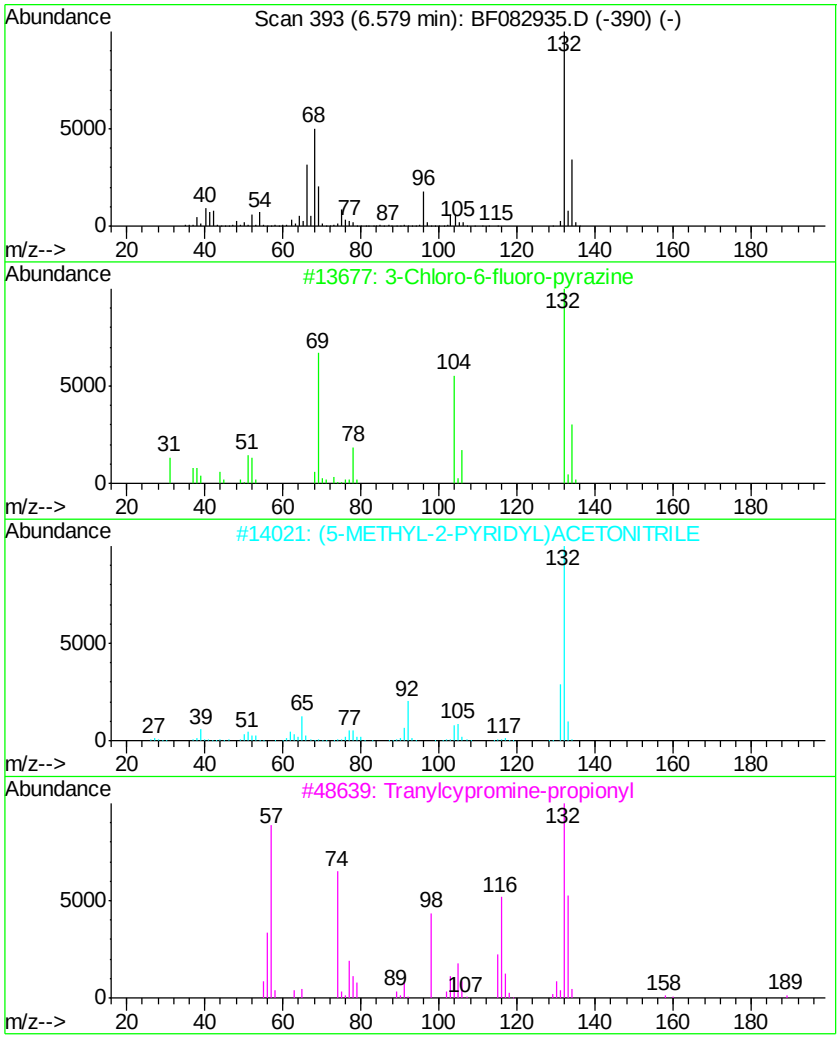
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

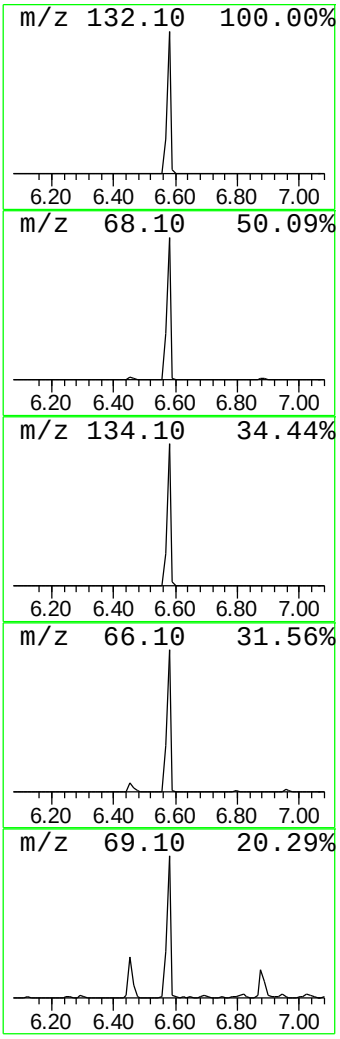
****

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	68.97 ng	4070650	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

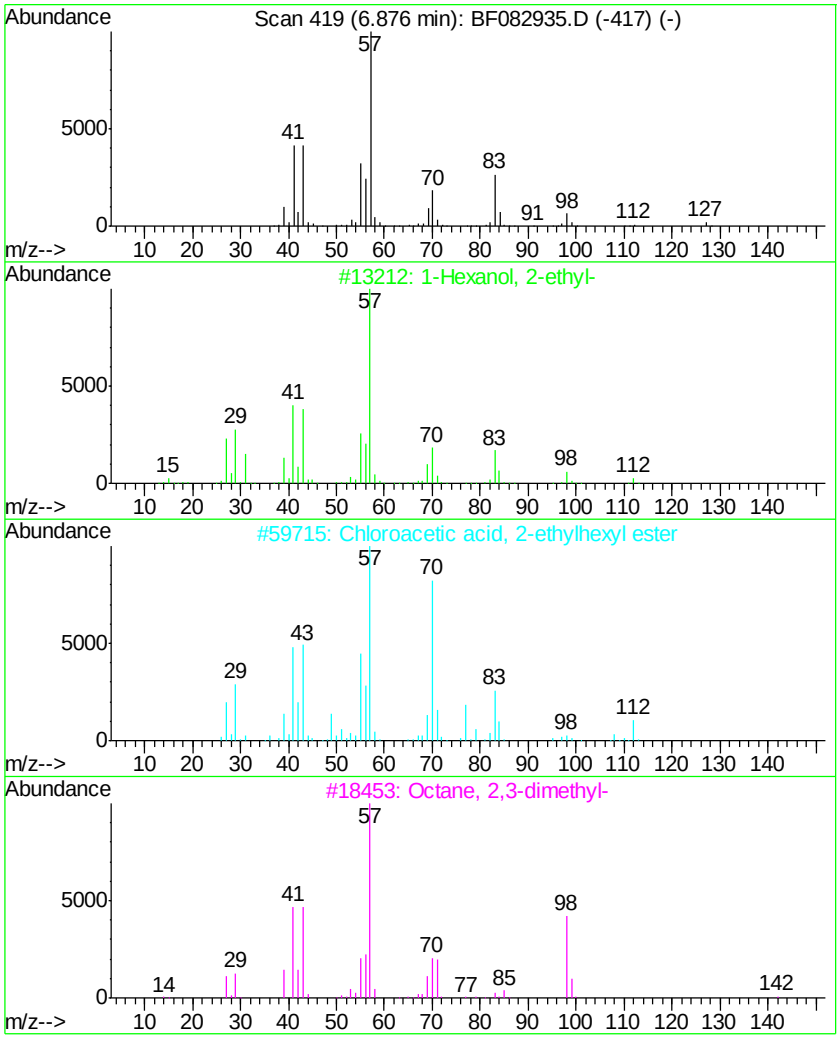
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

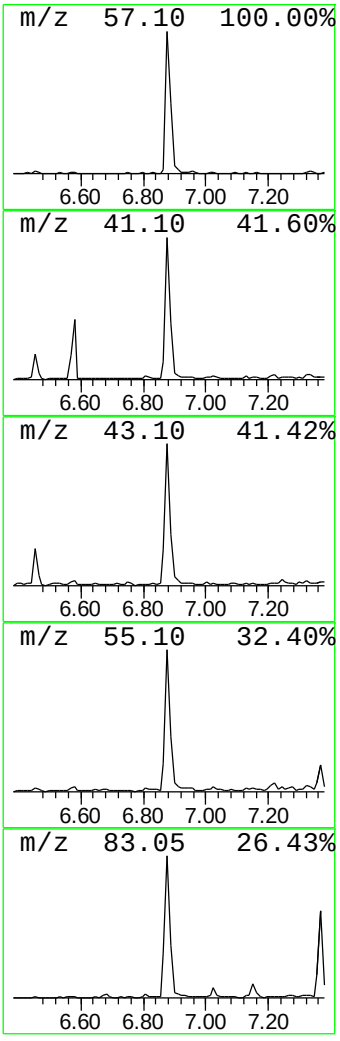
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	34.58 ng	2040860	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	50
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
4	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	42
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

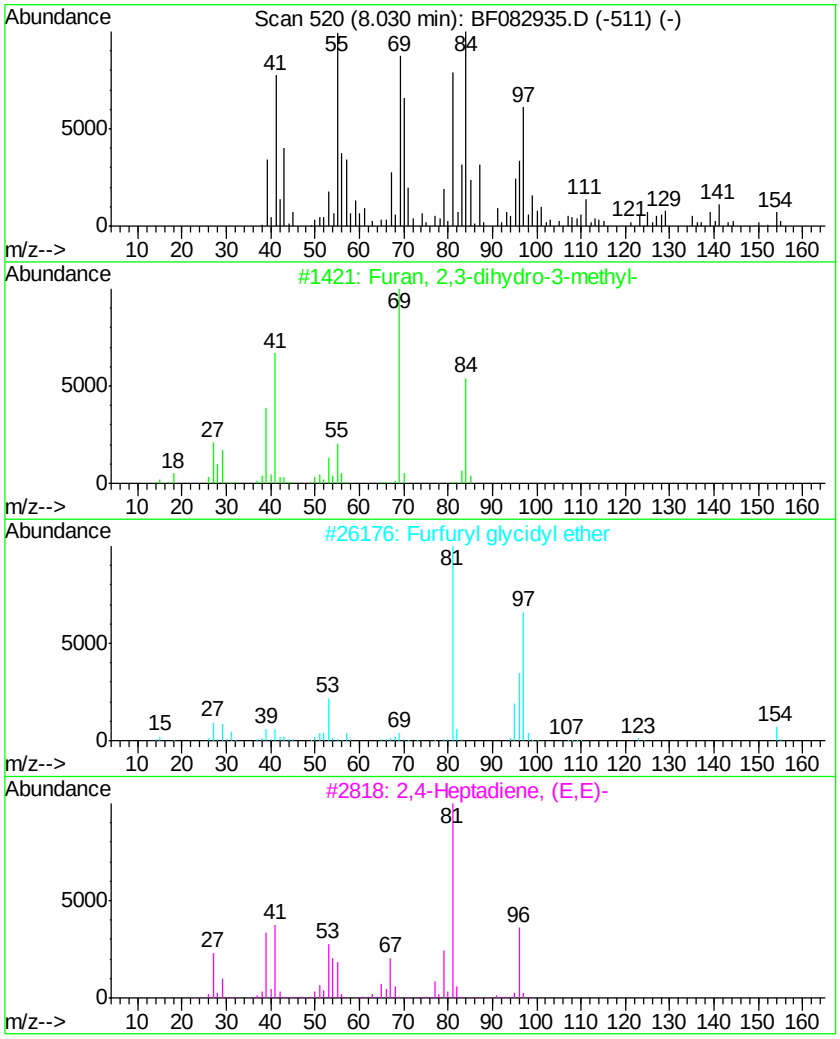
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

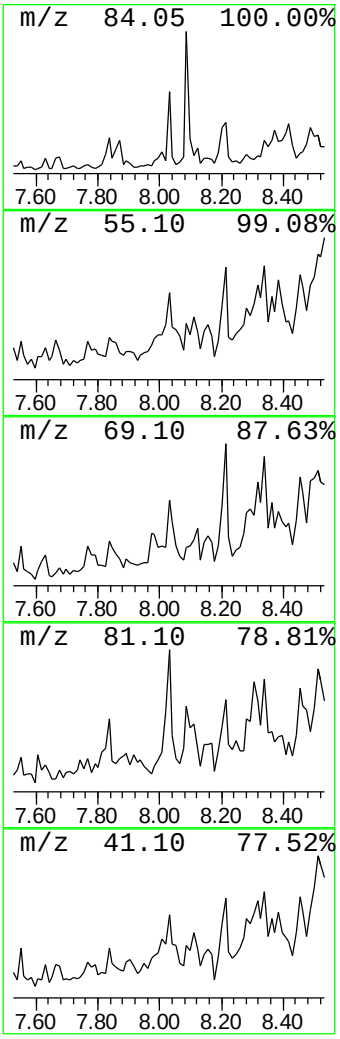
****

Peak Number 5 unknown8.03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	6.95 ng	552159	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	30
2	Furfuryl glycidyl ether	154	C8H10O3	005380-87-0	30
3	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	15
4	1-Nonen-3-one, 2-methyl-	154	C10H18O	051756-19-5	14
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

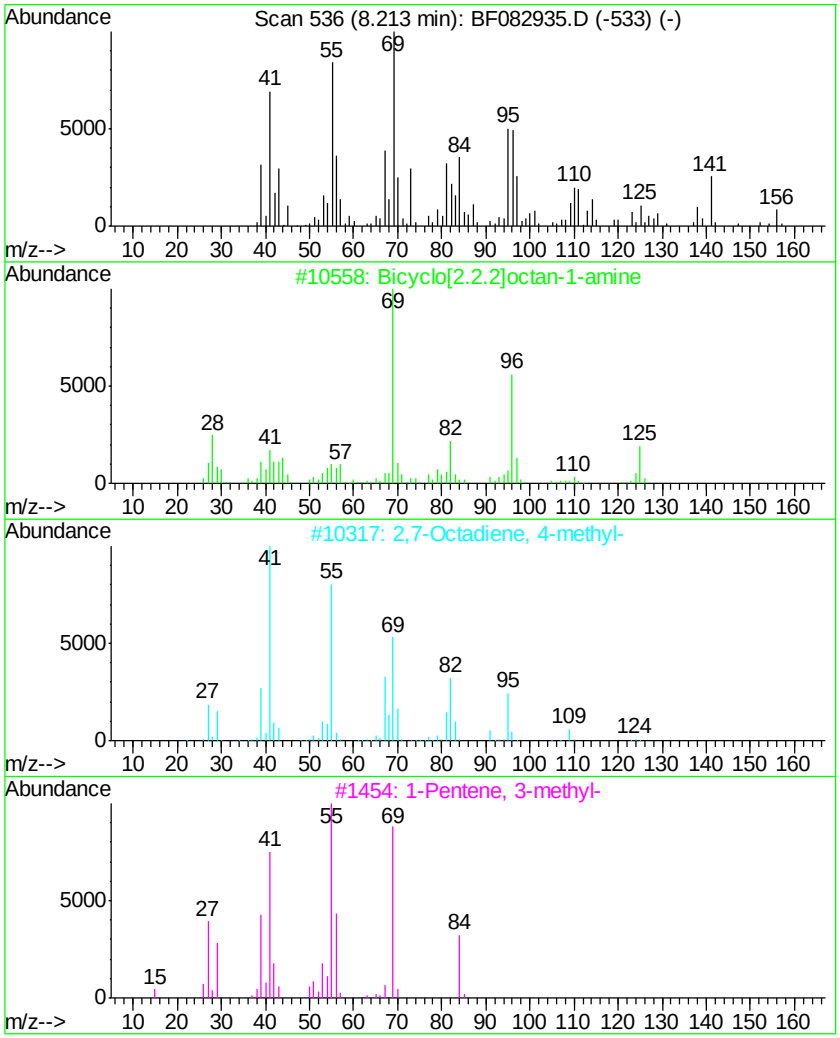
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

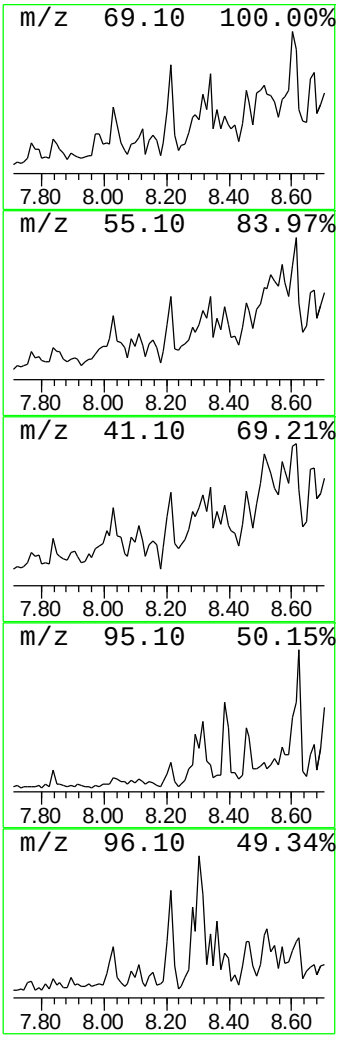
****

Peak Number 6 unknown8.21 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	5.51 ng	437882	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octan-1-amine	125	C8H15N	001193-42-6	38
2	2,7-Octadiene, 4-methyl-	124	C9H16	1000061-78-0	30
3	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	30
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	25
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

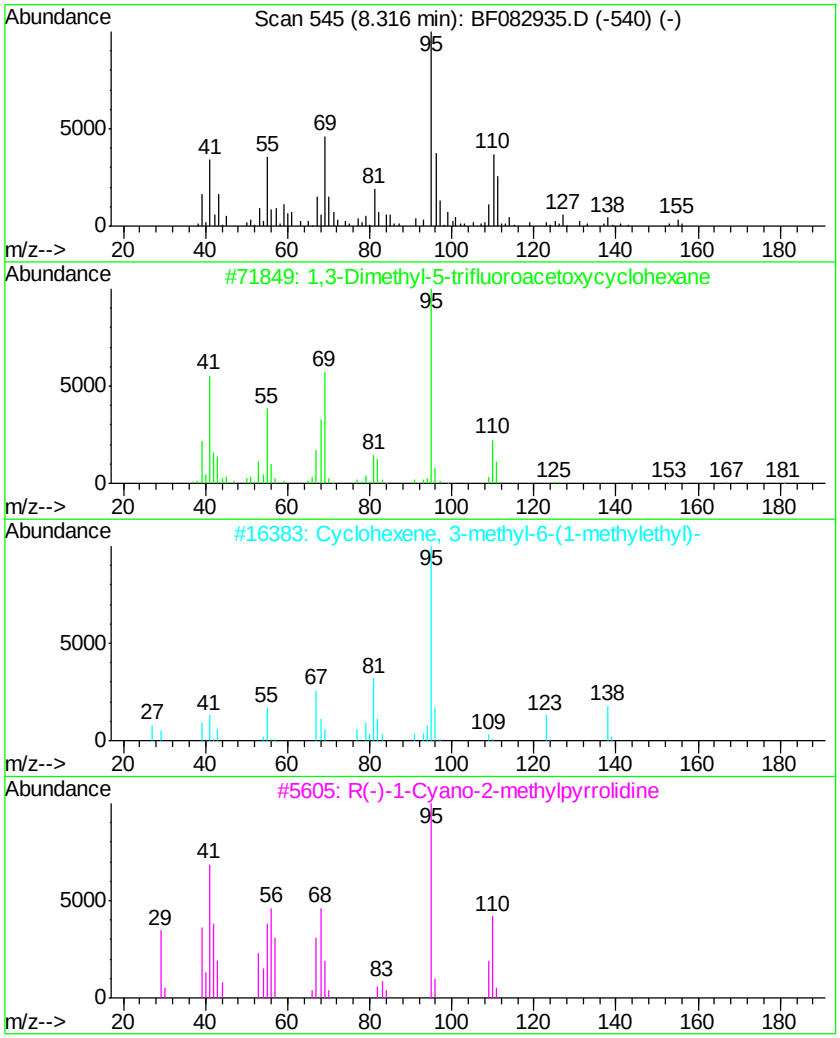
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

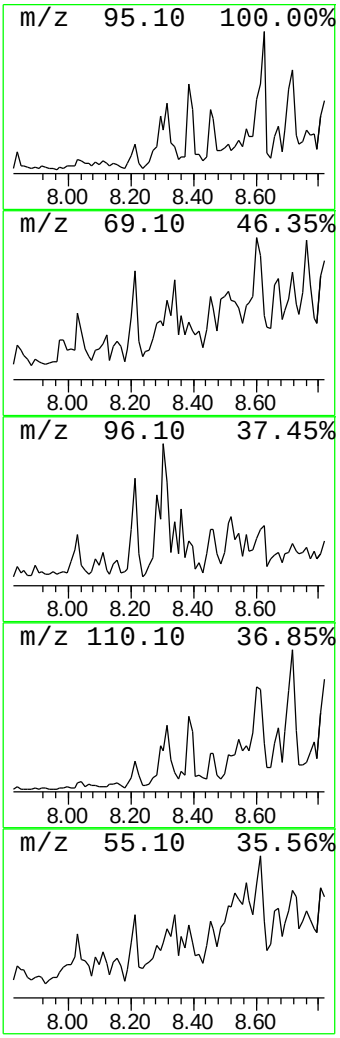
****

Peak Number 7 unknown8.32 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	5.78 ng	458990	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	40
2	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	38
3	R(-)-1-Cyano-2-methylpyrrolidine	110	C6H10N2	1000145-01-8	38
4	Cyclopropane, 2-(1,1-dimethyl-2-...	166	C12H22	074663-76-6	38
5	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

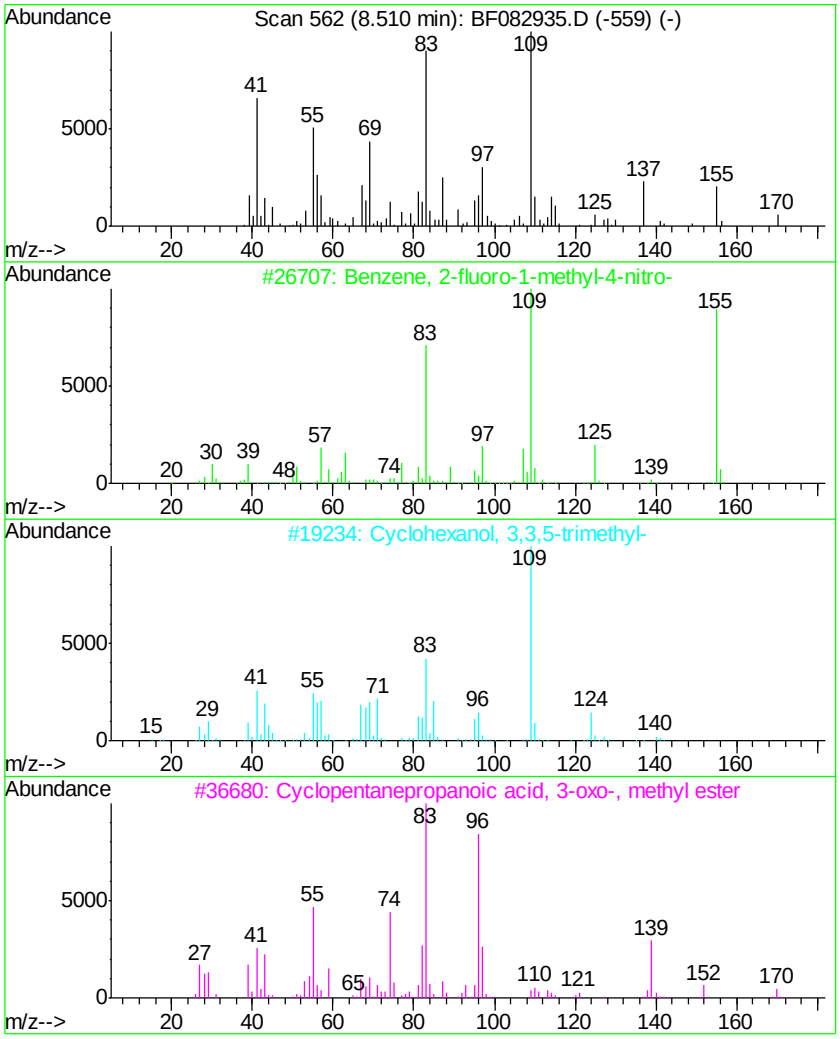
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

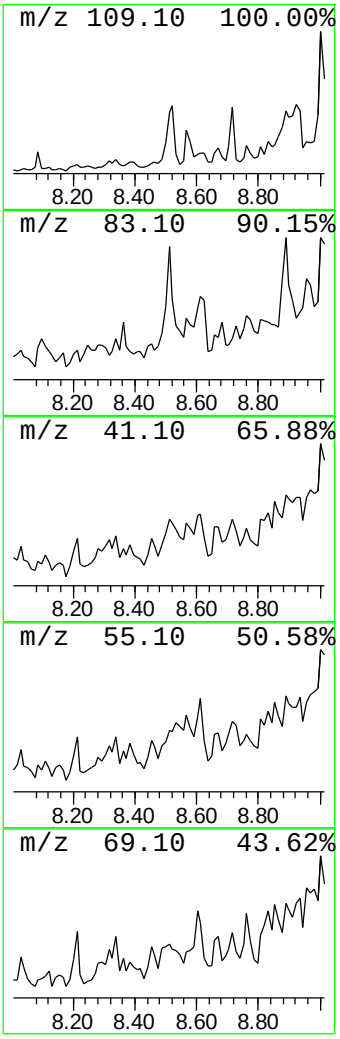
****

Peak Number 8 Benzene, 2-fluoro-1-methyl-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	8.06 ng	640393	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-fluoro-1-methyl-4-nitro-	155	C7H6FNO2	001427-07-2	59
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	38
3	Cyclopentanepropanoic acid, 3-ox...	170	C9H14O3	034399-78-5	27
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	27
5	2-Pentene, 5-bromo-2,3-dimethyl-	176	C7H13Br	056312-52-8	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

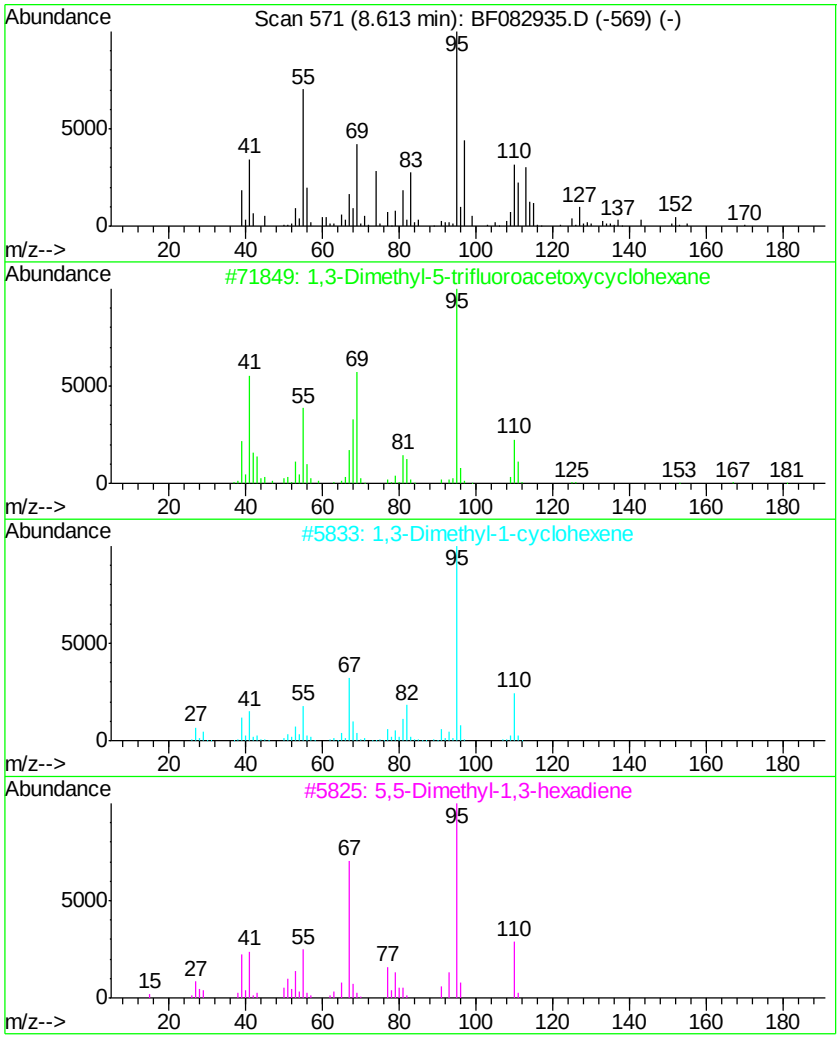
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

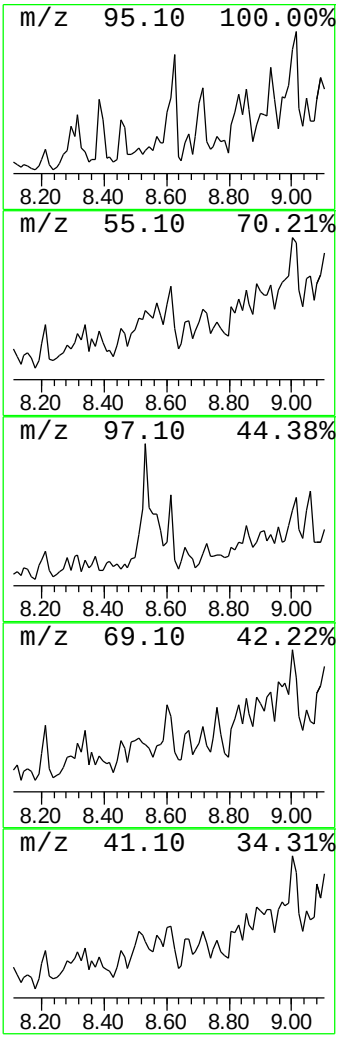
****

Peak Number 9 unknown8.61 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	6.69 ng	530939	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	38
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	35
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	35
4	2-Isopropylimidazole	110	C6H10N2	036947-68-9	35
5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

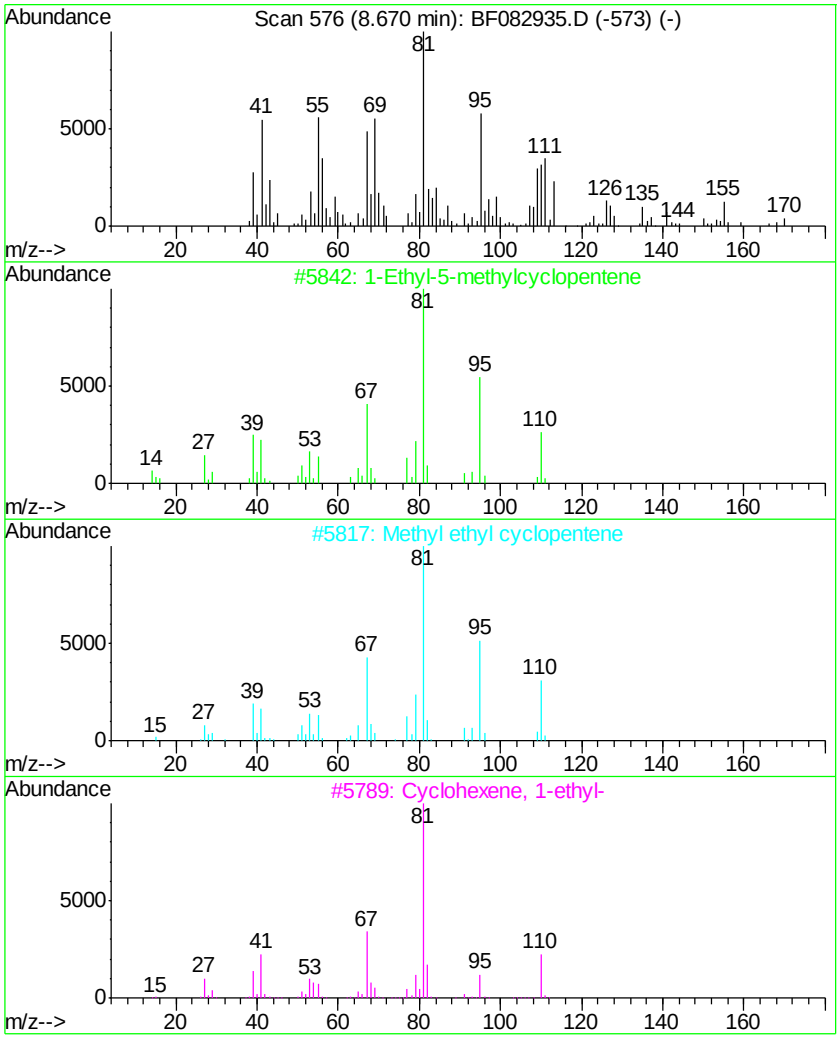
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

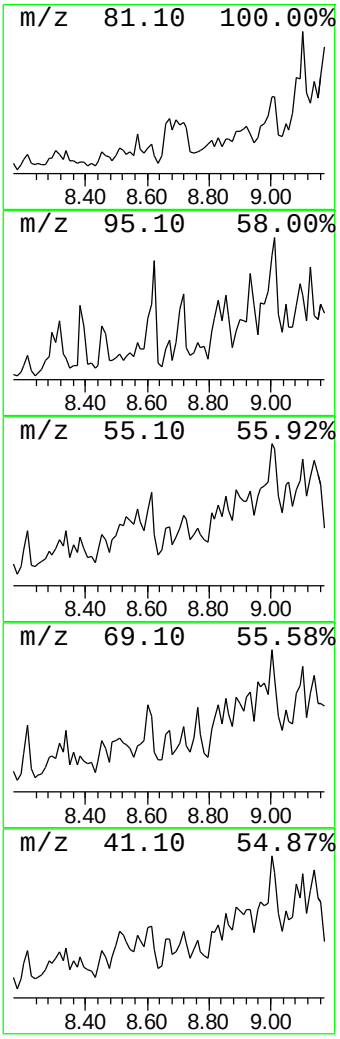
****

Peak Number 10 1-Ethyl-5-methylcyclopentene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	5.22 ng	414276	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	58
2	Methyl ethyl cyclopentene	110	C8H14	019780-56-4	52
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	49
4	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	49
5	Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

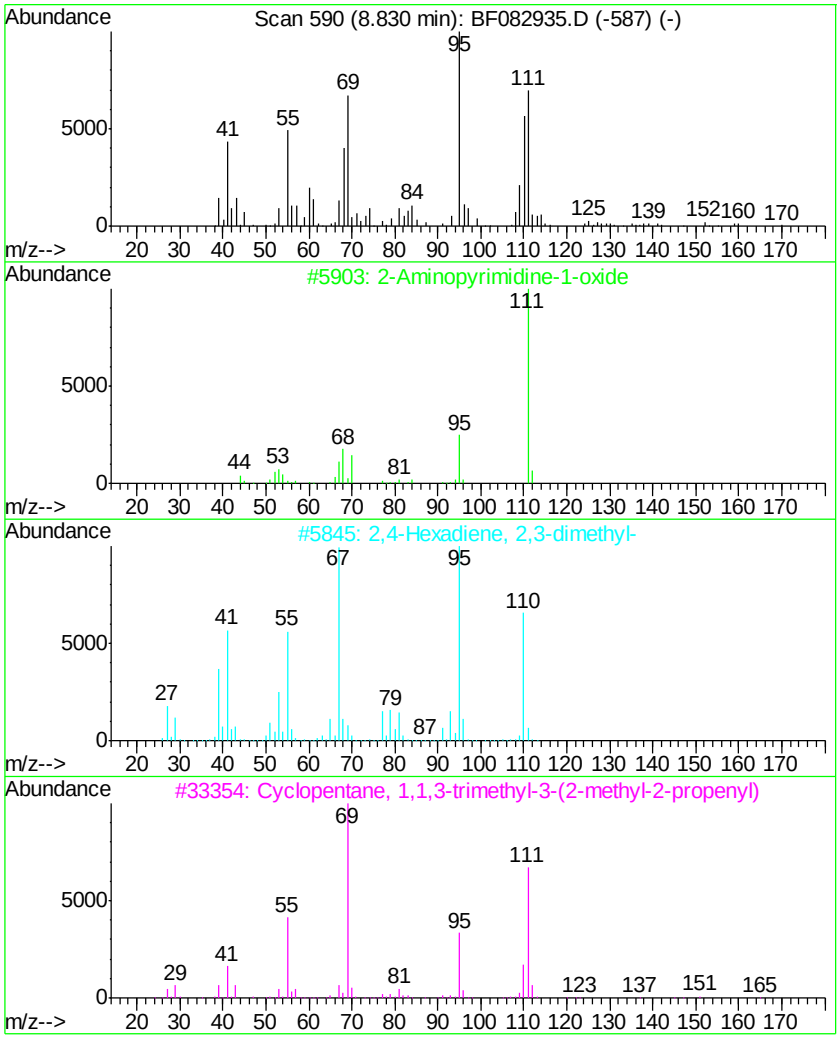
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

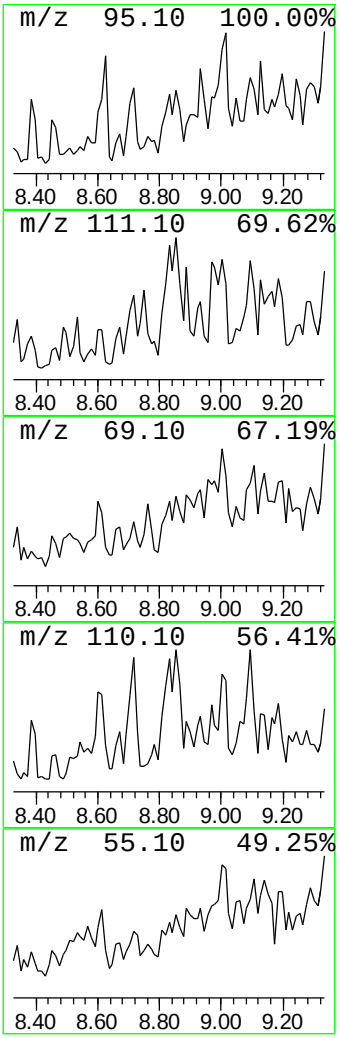
****

Peak Number 11 unknown8.83 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	6.26 ng	497464	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	47
2	2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	38
3	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	38
4	2-Hexanoylfuran	166	C10H14O2	014360-50-0	38
5	2-Furancarboxylic acid, pentadec...	322	C20H34O3	220876-47-1	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

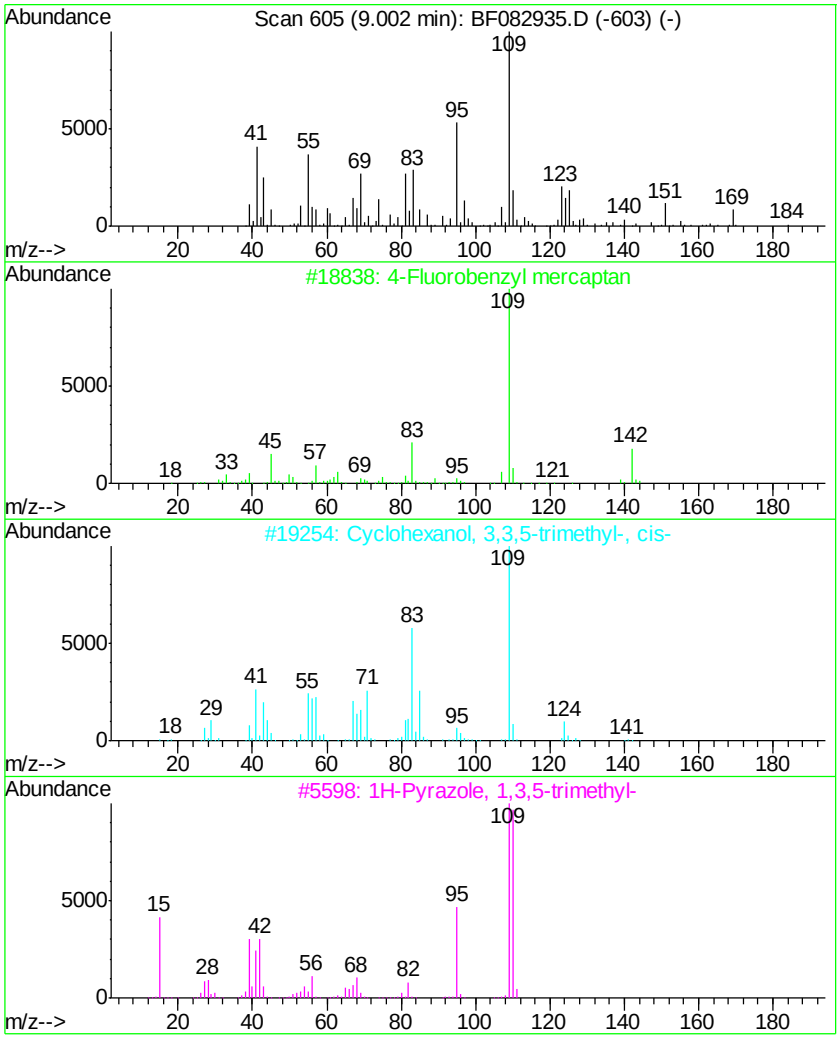
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

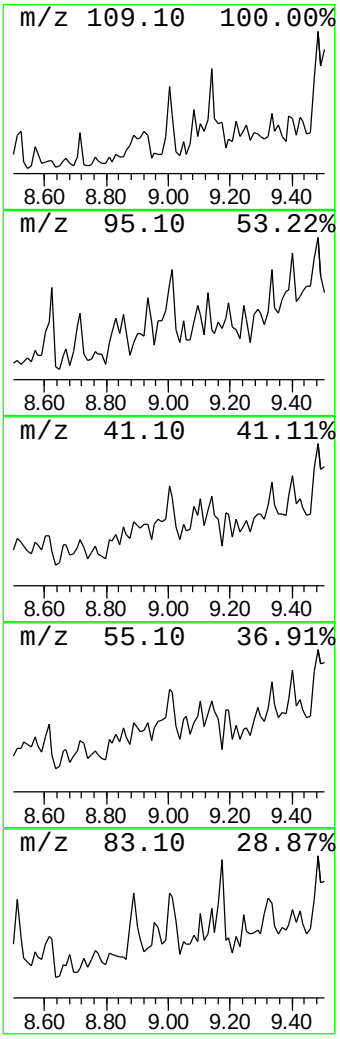
****

Peak Number 12 unknown9.00 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	7.07 ng	911310	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluorobenzyl mercaptan	142	C7H7FS	015894-04-9	38
2	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	37
3	1H-Pyrazole, 1,3,5-trimethyl-	110	C6H10N2	001072-91-9	37
4	Ketone, isopropylidenecyclopropy...	124	C8H12O	029765-67-1	37
5	3,3,5-Trimethylcyclohexyl methyl...	222	C10H20FO2P	1000298-38-1	32





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

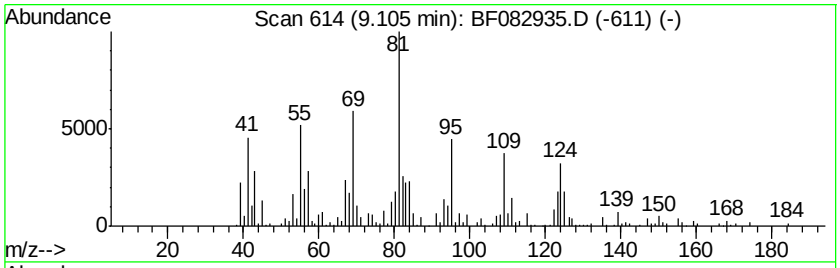
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

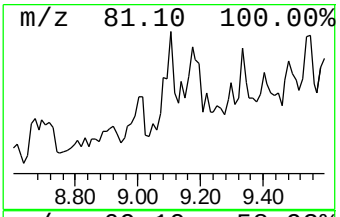
****

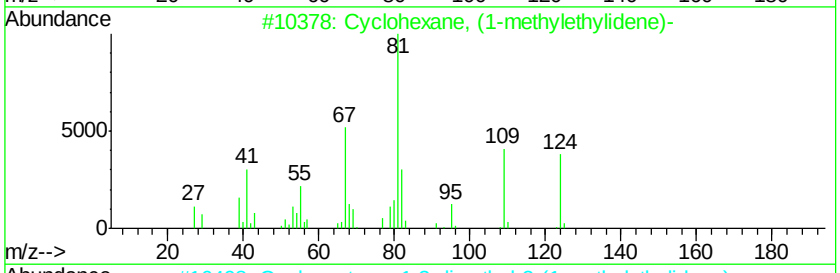
Peak Number 13 unknown9.10 Concentration Rank 16

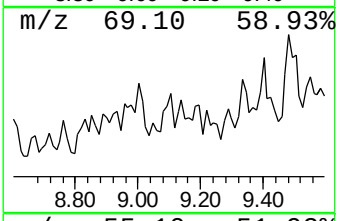
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	5.47 ng	705417	Acenaphthene-d10	9.85

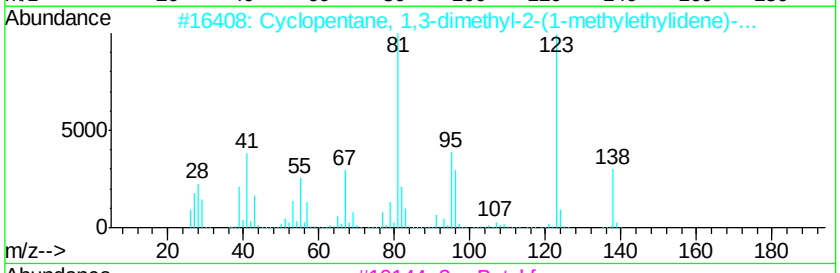
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	46
2	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-30-1	43
3	2-n-Butyl furan	124	C8H12O	004466-24-4	35
4	4-Ethylcyclohexanol	128	C8H16O	004534-74-1	35
5	5-Methyl-2-ethenyl-cyclohexane-1...	168	C10H16O2	1000144-53-6	35

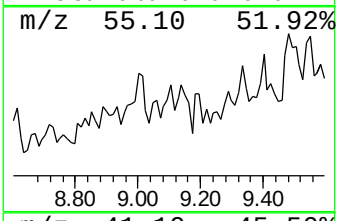


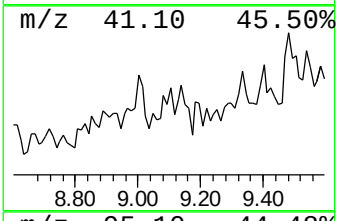


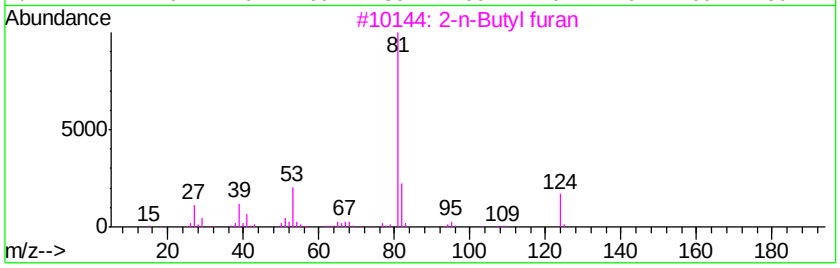


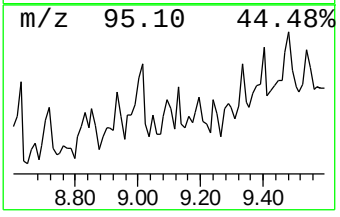












Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

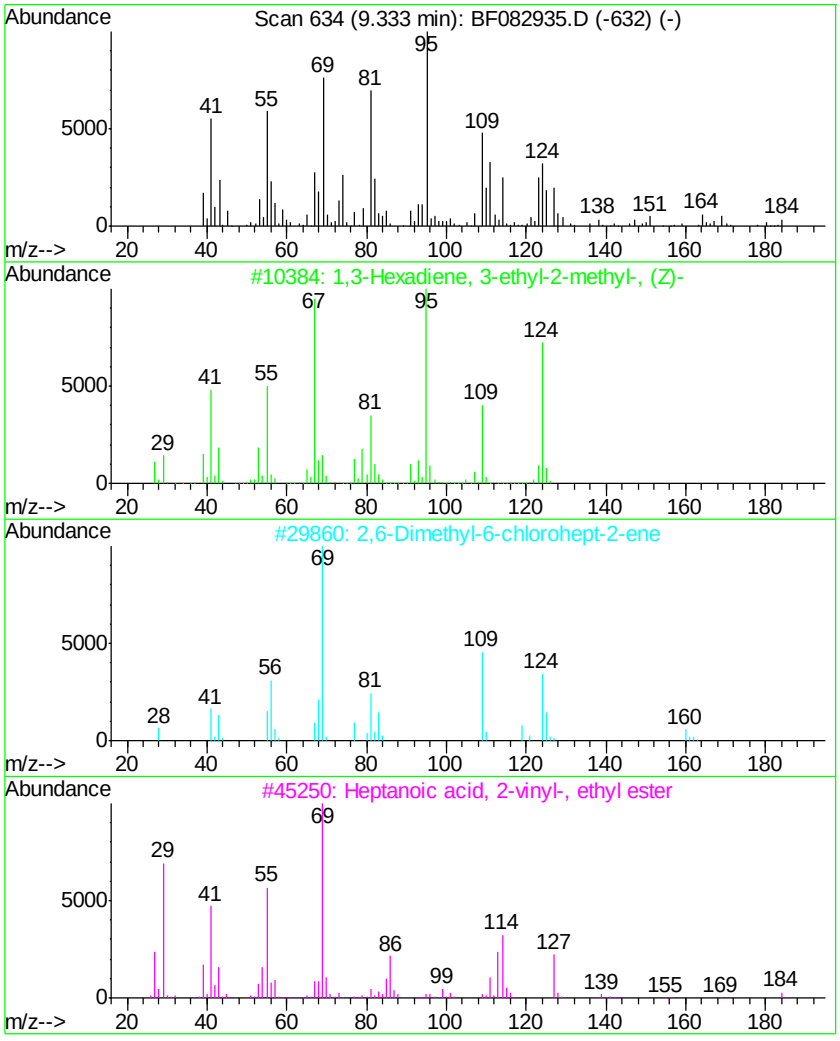
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

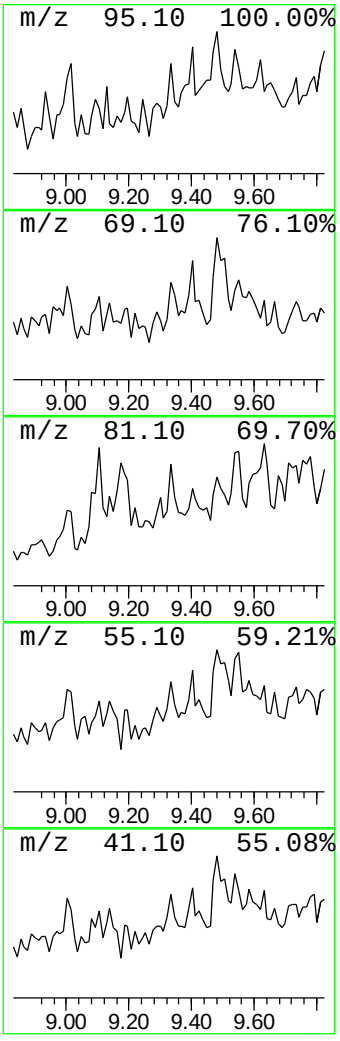
****

Peak Number 14 unknown9.33 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	5.15 ng	664743	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	35
2	2,6-Dimethyl-6-chlorohept-2-ene	160	C9H17Cl	006076-48-8	25
3	Heptanoic acid, 2-vinyl-, ethyl ...	184	C11H20O2	091213-09-1	25
4	2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	18
5	dl-6-Methyl-5-hepten-2-ol	128	C8H16O	004630-06-2	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

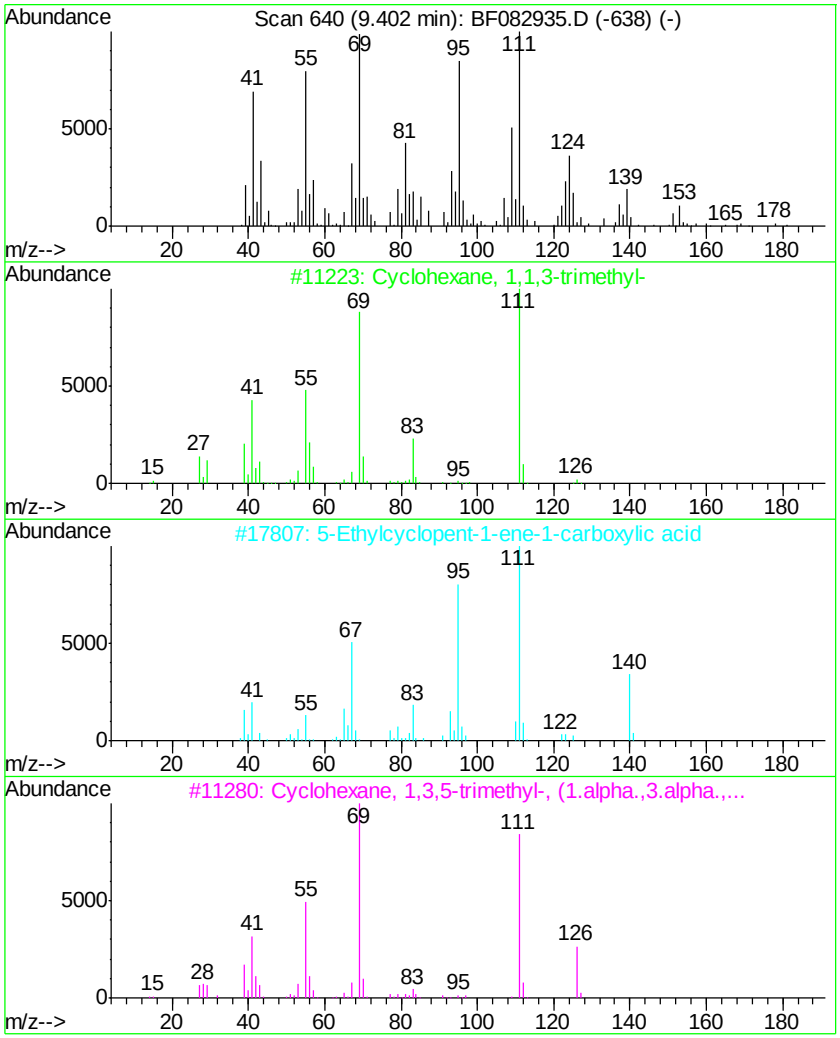
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

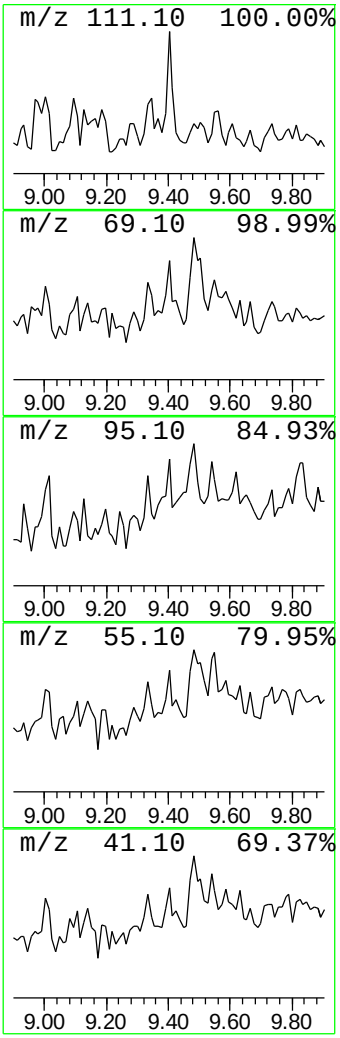
****

Peak Number 15 unknown9.40 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	5.10 ng	657485	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	46
2	5-Ethylcyclopent-1-ene-1-carboxy...	140	C8H12O2	036258-07-8	41
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	35
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	35
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

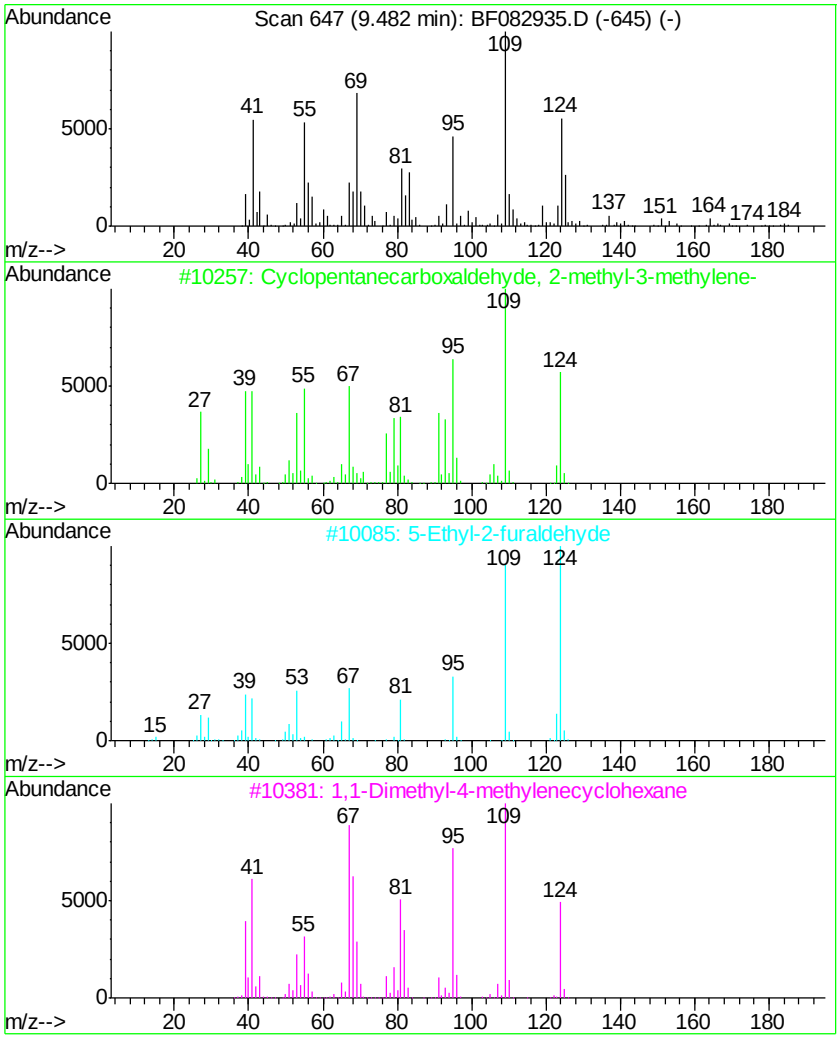
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

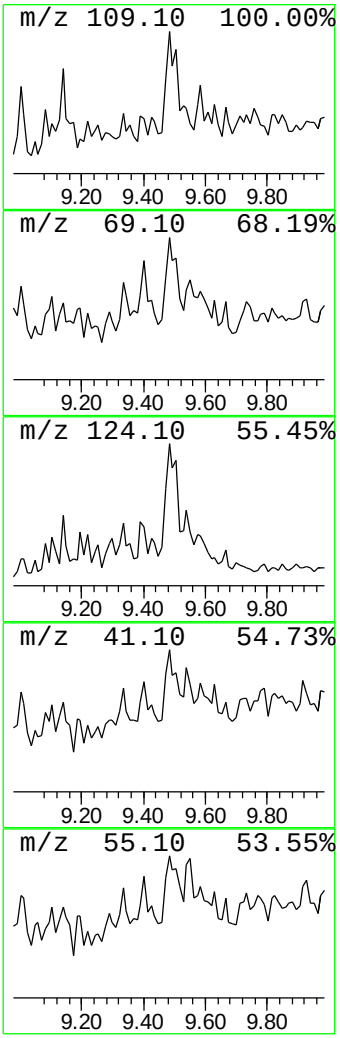
****

Peak Number 16 Cyclopentanecarboxaldehyde,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	13.89 ng	1791000	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	53
2	5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	53
3	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	53
4	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	49
5	(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

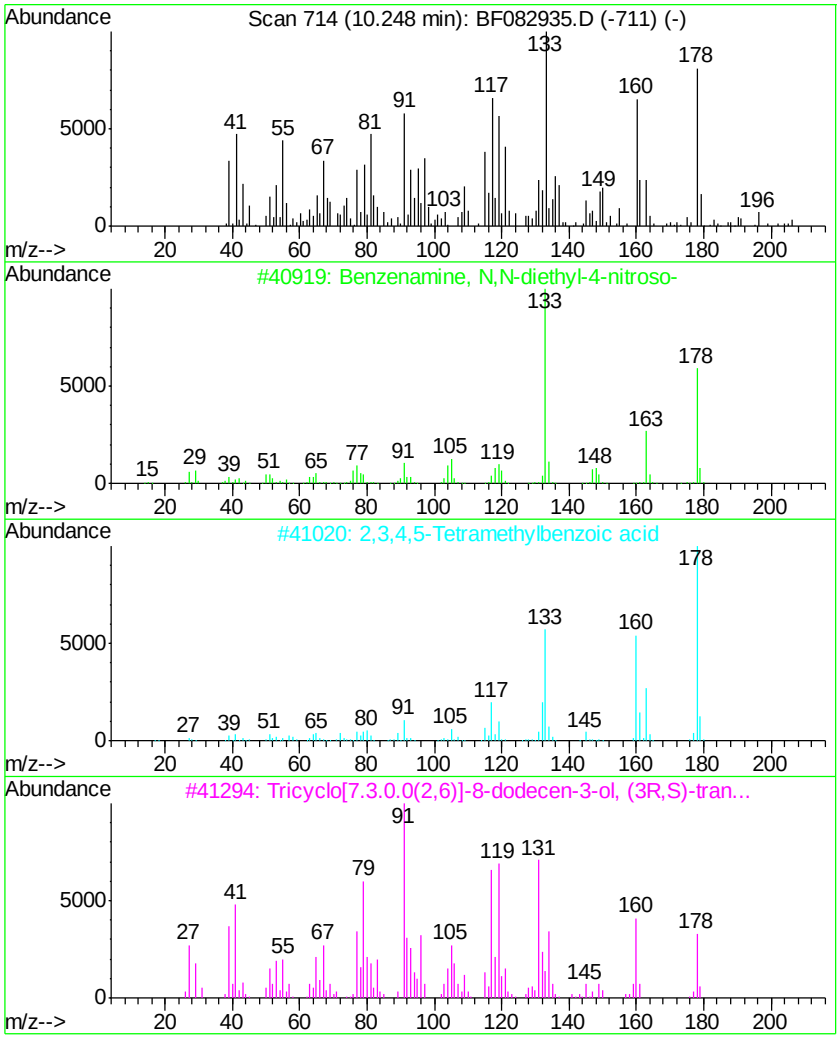
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

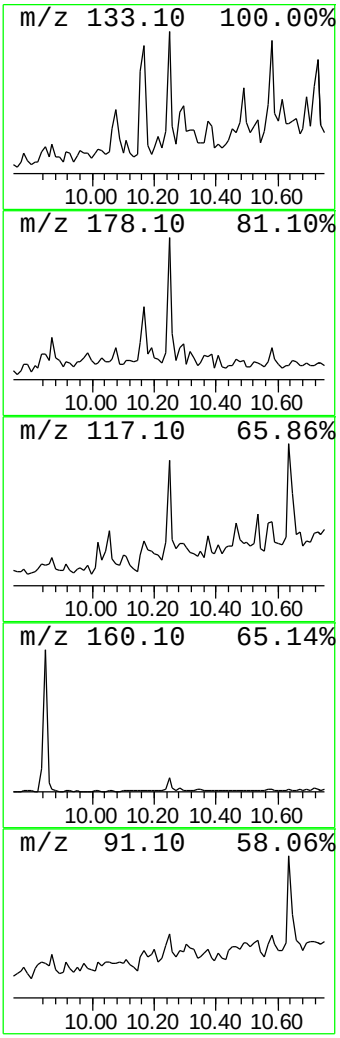
****

Peak Number 17 unknown10.25 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	5.90 ng	761341	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N,N-diethyl-4-nitroso-	178	C10H14N2O	000120-22-9	43
2	2,3,4,5-Tetramethylbenzoic acid	178	C11H14O2	002529-39-7	43
3	Tricyclo[7.3.0.0(2,6)]-8-dodecen...	178	C12H18O	1000099-25-3	43
4	1H-Inden-1-one, 2,3-dihydro-4,7-...	160	C11H12O	005037-60-5	25
5	2-Benzothiazolamine, 5,6-dimethyl-	178	C9H10N2S	029927-08-0	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

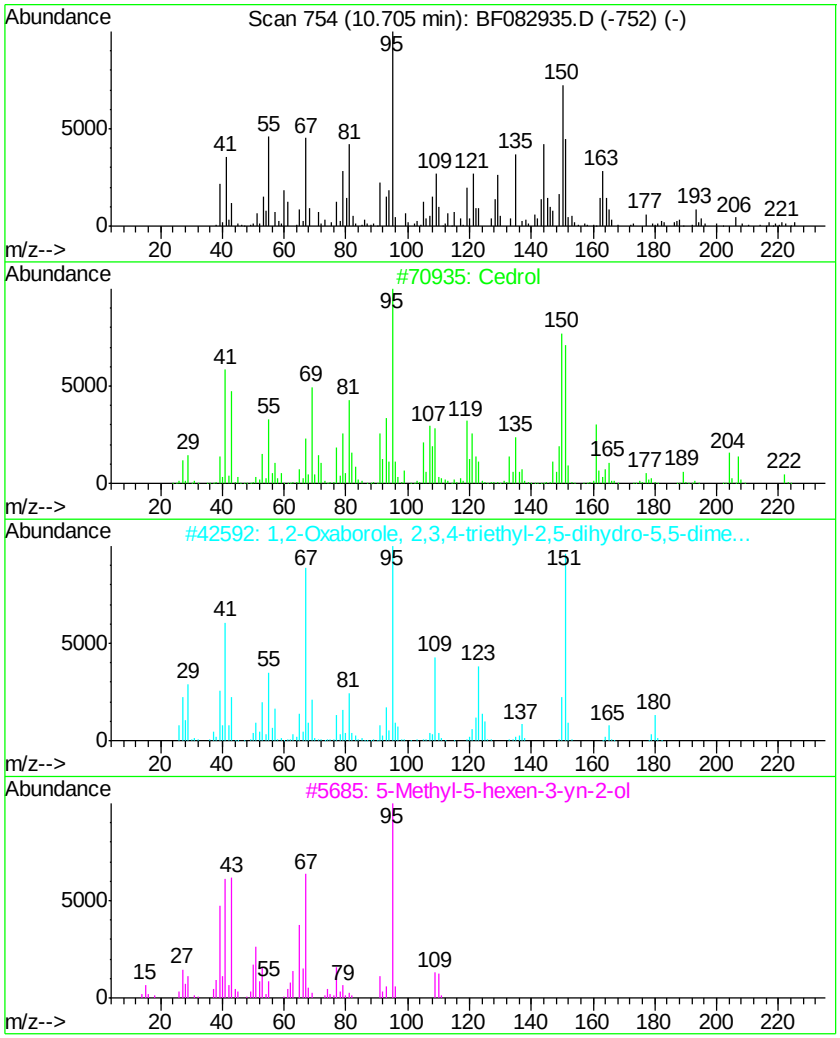
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

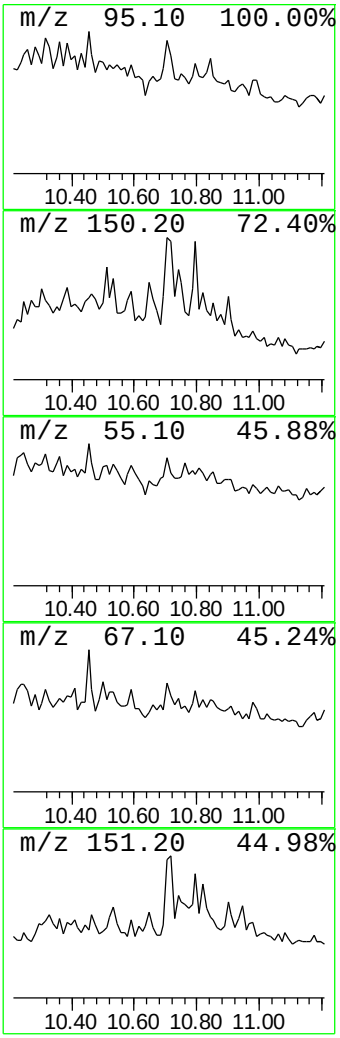
****

Peak Number 18 unknown10.71 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	6.02 ng	402401	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrol	222	C15H26O	000077-53-2	32
2	1,2-Oxaborole, 2,3,4-triethyl-2,...	180	C11H21BO	061142-64-1	27
3	5-Methyl-5-hexen-3-yn-2-ol	110	C7H10O	068017-33-4	22
4	Sorbic acid vinyl ester	138	C8H10O2	042739-26-4	22
5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

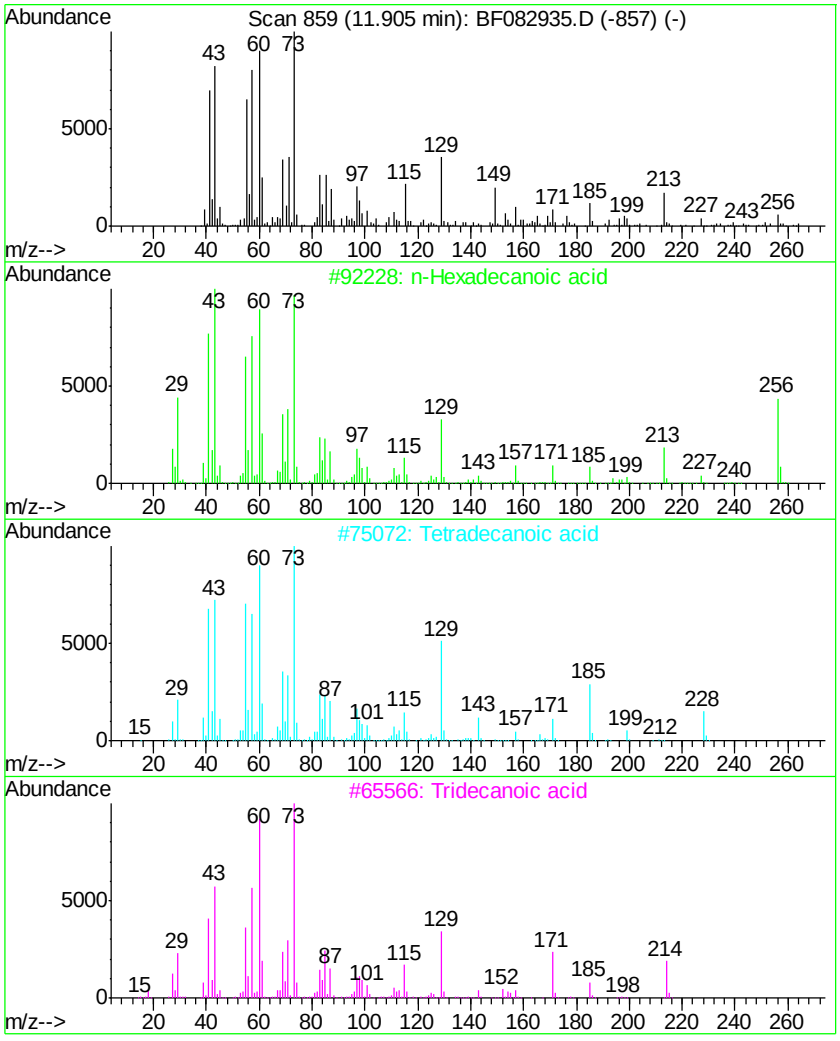
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

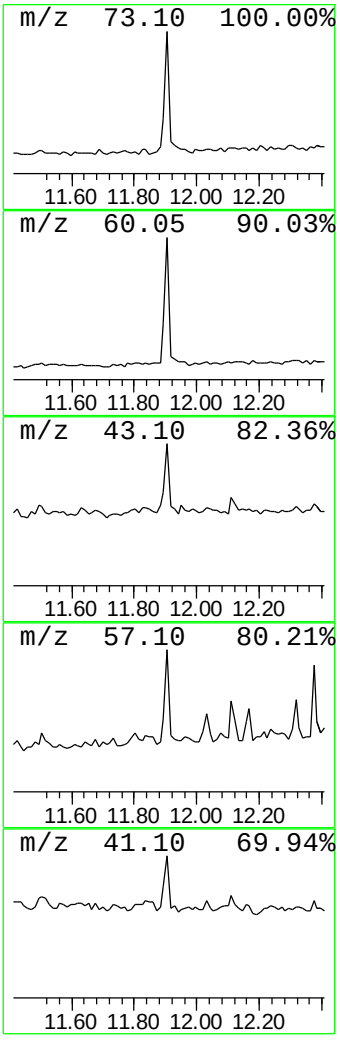
****

Peak Number 19 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.42 ng	362023	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

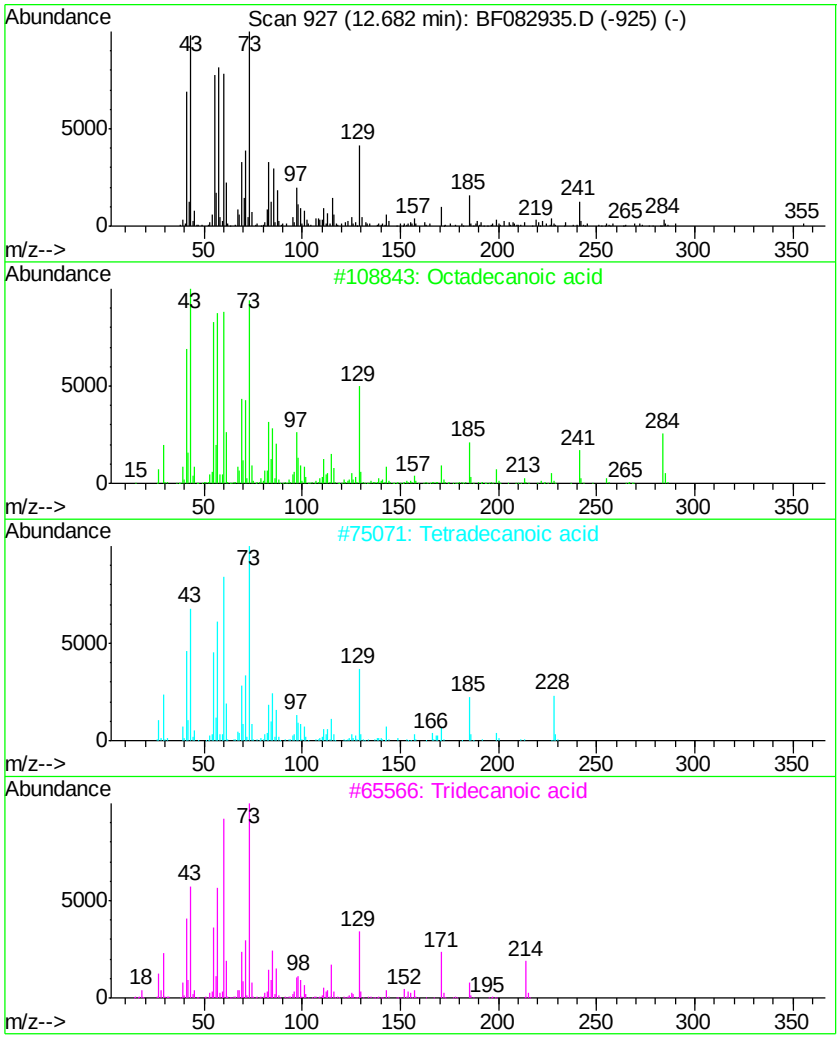
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

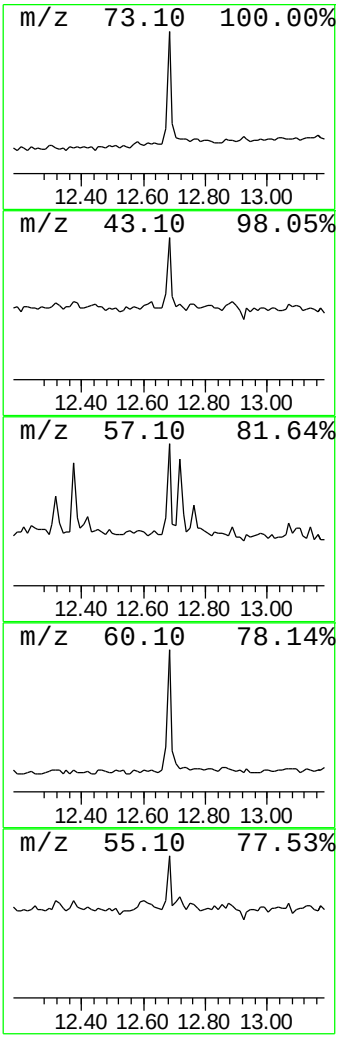
****

Peak Number 20 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	7.02 ng	337835	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	30
5	Butanoic acid	88	C4H8O2	000107-92-6	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082935.D
Acq On : 14 Nov 2015 10:35
Operator : UM/IZ
Sample : G4382-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : URS MW-07

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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...	4.97	14.1	ng	829205	1	6.80	1180450	20.0
unknown6.58	6.58	69.0	ng	4070650	1	6.80	1180450	20.0
1-Hexanol, 2-ethyl-	6.88	34.6	ng	2040860	1	6.80	1180450	20.0
unknown8.03	8.03	7.0	ng	552159	2	8.09	1588270	20.0
unknown8.21	8.21	5.5	ng	437882	2	8.09	1588270	20.0
unknown8.32	8.32	5.8	ng	458990	2	8.09	1588270	20.0
Benzene, 2-fluoro...	8.51	8.1	ng	640393	2	8.09	1588270	20.0
unknown8.61	8.61	6.7	ng	530939	2	8.09	1588270	20.0
1-Ethyl-5-methylc...	8.67	5.2	ng	414276	2	8.09	1588270	20.0
unknown8.83	8.83	6.3	ng	497464	2	8.09	1588270	20.0
unknown9.00	9.00	7.1	ng	911310	3	9.85	2579440	20.0
unknown9.10	9.10	5.5	ng	705417	3	9.85	2579440	20.0
unknown9.33	9.33	5.2	ng	664743	3	9.85	2579440	20.0
unknown9.40	9.40	5.1	ng	657485	3	9.85	2579440	20.0
Cyclopentanecarbo...	9.48	13.9	ng	1791000	3	9.85	2579440	20.0
unknown10.25	10.25	5.9	ng	761341	3	9.85	2579440	20.0
unknown10.71	10.71	6.0	ng	402401	4	11.33	1336120	20.0
n-Hexadecanoic acid	11.91	5.4	ng	362023	4	11.33	1336120	20.0
Octadecanoic acid	12.68	7.0	ng	337835	5	13.97	961900	20.0