LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003802.D
Acq On : 25 Dec 2015 06:17
Operator : UM/SJ
Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

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_M\METHODS\8270-BM120915.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	3.887	113	136	138	rBV	100070	387559	1.66%	0.276%
2	5.275	350	372	378	rBV2	363710	843732	3.61%	0.601%
3	6.898	640	648	653	rBV	219638	519566	2.22%	0.370%
4	7.222	696	703	710	rBV	603712	1041223	4.45%	0.742%
5	7.686	769	782	787	rBV	163976	316521	1.35%	0.225%
6	7.851	797	810	815	rBV	5633779	16716116	71.46%	11.904%
7	7.998	827	835	851	rVB2	1647429	3401130	14.54%	2.422%
8	8.445	896	911	912	rVV	340457	967627	4.14%	0.689%
9	8.533	912	926	930	rVB3	4047373	16591759	70.93%	11.816%
10	8.851	974	980	988	rVB2	442541	913506	3.91%	0.651%
11	8.928	988	993	1007	rVB	191060	394958	1.69%	0.281%
12	9.075	1007	1018	1024	rBV3	110543	358666	1.53%	0.255%
13	9.169	1024	1034	1043	rBV3	326524	777224	3.32%	0.554%
14	9.386	1065	1071	1073	rBV2	247378	404987	1.73%	0.288%
15	9.498	1084	1090	1100	rVB4	118666	271217	1.16%	0.193%
16	9.892	1139	1157	1162	rBV	763814	1702123	7.28%	1.212%
17	9.998	1171	1175	1177	rBV	174185	299984	1.28%	0.214%
18	10.345	1226	1234	1239	rBV	1215240	2141948	9.16%	1.525%
19	10.386	1239	1241	1250	rVB3	136977	242377	1.04%	0.173%
20	10.475	1250	1256	1260	rBV	210779	359441	1.54%	0.256%
21	10.545	1260	1268	1273	rBV	1953643	3608527	15.43%	2.570%
22	10.586	1273	1275	1285	rVB3	298422	624024	2.67%	0.444%
23	10.686	1285	1292	1301	rBV3	458831	1069306	4.57%	0.762%
24	10.863	1306	1322	1333	rBV	4170046	14456595	61.80%	10.295%
25	10.986	1333	1343	1355	rVB6	197221	683128	2.92%	0.486%
26	11.310	1391	1398	1403	rBV	414862	693428	2.96%	0.494%
27	11.827	1426	1486	1489	rBV	2231583	23392954	100.00%	16.659%
28	11.933	1497	1504	1510	rBV4	180804	371507	1.59%	0.265%
29	12.080	1519	1529	1533	rVB3	383237	792274	3.39%	0.564%
30	12.227	1545	1554	1564	rBV2	481180	1174949	5.02%	0.837%
31	12.551	1603	1609	1617	rBV	480515	940435	4.02%	0.670%
32	12.757	1629	1644	1653	rBV	861591	2542098	10.87%	1.810%
33	12.951	1671	1677	1682	rBV	1134170	1808680	7.73%	1.288%
34	13.016	1682	1688	1692	rVV	558379	1232771	5.27%	0.878%

LSC Area Percent Report

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Operator : UM/SJ
Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

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_M\METHODS\8270-BM120915.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.074	1692	1698	1702	rVB	674190	1200571	5.13%	0.855%
36	13.216	1713	1722	1729	rVB	706632	1431099	6.12%	1.019%
37	13.386	1740	1751	1755	rBV	808834	1899530	8.12%	1.353%
38	13.551	1774	1779	1787	rVB2	166671	332414	1.42%	0.237%
39	13.827	1822	1826	1830	rVB	252970	336369	1.44%	0.240%
40	14.092	1857	1871	1874	rBV3	1009826	3824620	16.35%	2.724%
41	14.163	1878	1883	1886	rVV	1253256	2087861	8.93%	1.487%
42	14.204	1886	1890	1896	rVB	356429	604086	2.58%	0.430%
43	14.286	1896	1904	1908	rBV	1069854	1920289	8.21%	1.368%
44	14.339	1908	1913	1920	rVB3	306131	528582	2.26%	0.376%
45	14.433	1920	1929	1936	rBV2	1226248	2573743	11.00%	1.833%
46	14.880	1989	2005	2009	rBV2	1766090	5117367	21.88%	3.644%
47	15.021	2016	2029	2031	rBV4	1021825	2351394	10.05%	1.675%
48	15.092	2036	2041	2051	rVB	843563	1287648	5.50%	0.917%
49	15.204	2056	2060	2066	rVB	437616	656939	2.81%	0.468%
50	15.339	2078	2083	2087	rBV	405598	518456	2.22%	0.369%
51	15.451	2098	2102	2108	rVB2	326607	478144	2.04%	0.341%
52	15.551	2116	2119	2131	rVB2	187979	375918	1.61%	0.268%
53	15.721	2142	2148	2152	rBV	584802	867478	3.71%	0.618%
54	15.768	2152	2156	2162	rVB	301200	499139	2.13%	0.355%
55	15.839	2162	2168	2173	rBV2	748583	1269634	5.43%	0.904%
56	15.892	2173	2177	2181	rVB	308635	398365	1.70%	0.284%
57	16.021	2191	2199	2205	rBV	1072299	2105893	9.00%	1.500%
58	16.339	2249	2253	2261	rVB2	248981	491490	2.10%	0.350%
59	16.521	2281	2284	2290	rVB2	283808	402860	1.72%	0.287%
60	16.798	2324	2331	2341	rBV5	201623	559344	2.39%	0.398%
61	17.086	2376	2380	2386	rVB	360614	546310	2.34%	0.389%
62	19.721	2823	2828	2840	rVB	1559570	2018974	8.63%	1.438%
63	20.974	3037	3041	3053	rVB	338800	448068	1.92%	0.319%
64	21.286	3089	3094	3102	rVB	476433	613689	2.62%	0.437%
65	23.521	3468	3474	3483	rVB2	332224	630535	2.70%	0.449%

Sum of corrected areas: 140419149

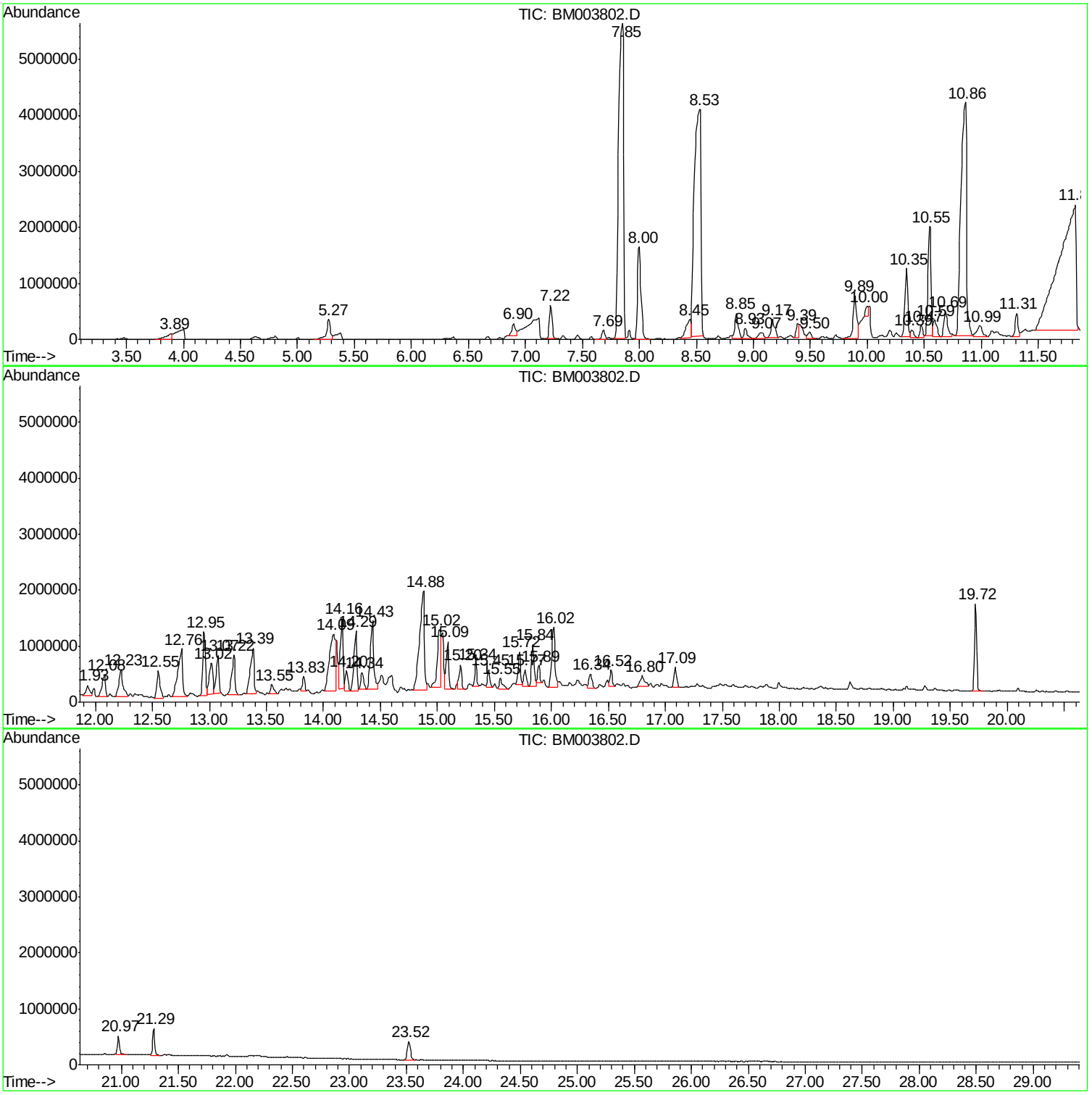
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003802.D
Acq On : 25 Dec 2015 06:17
Operator : UM/SJ
Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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 M\DATA\BM122515\
Data File : BM003802.D
Acq On : 25 Dec 2015 06:17
Operator : UM/SJ
Sample : G4952-02
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Instrument : BNA_M
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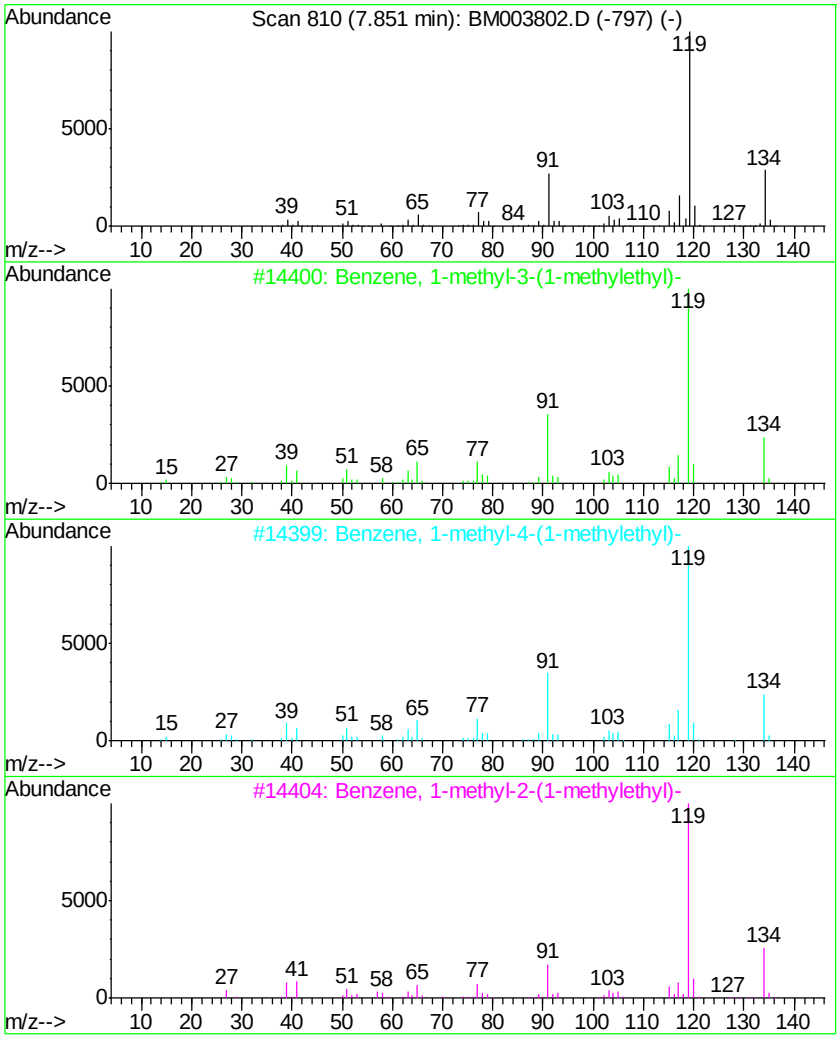
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

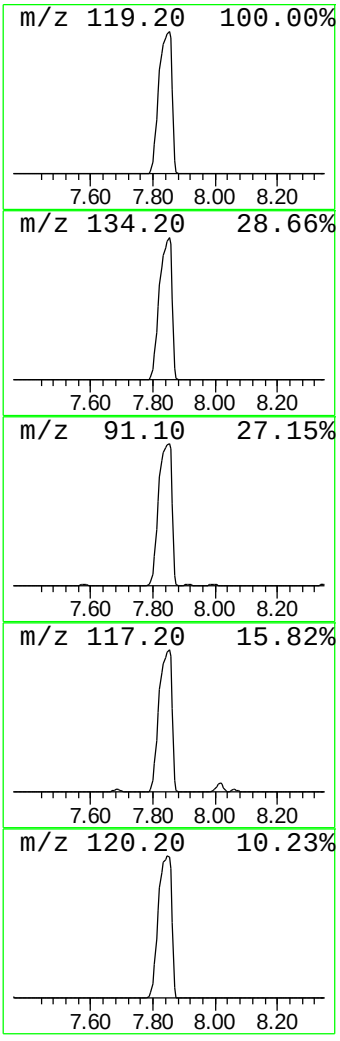
****

Peak Number 2 Benzene, 1-methyl-3-(1-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	1056.24 ng	16716100	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003802.D
Acq On : 25 Dec 2015 06:17
Operator : UM/SJ
Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

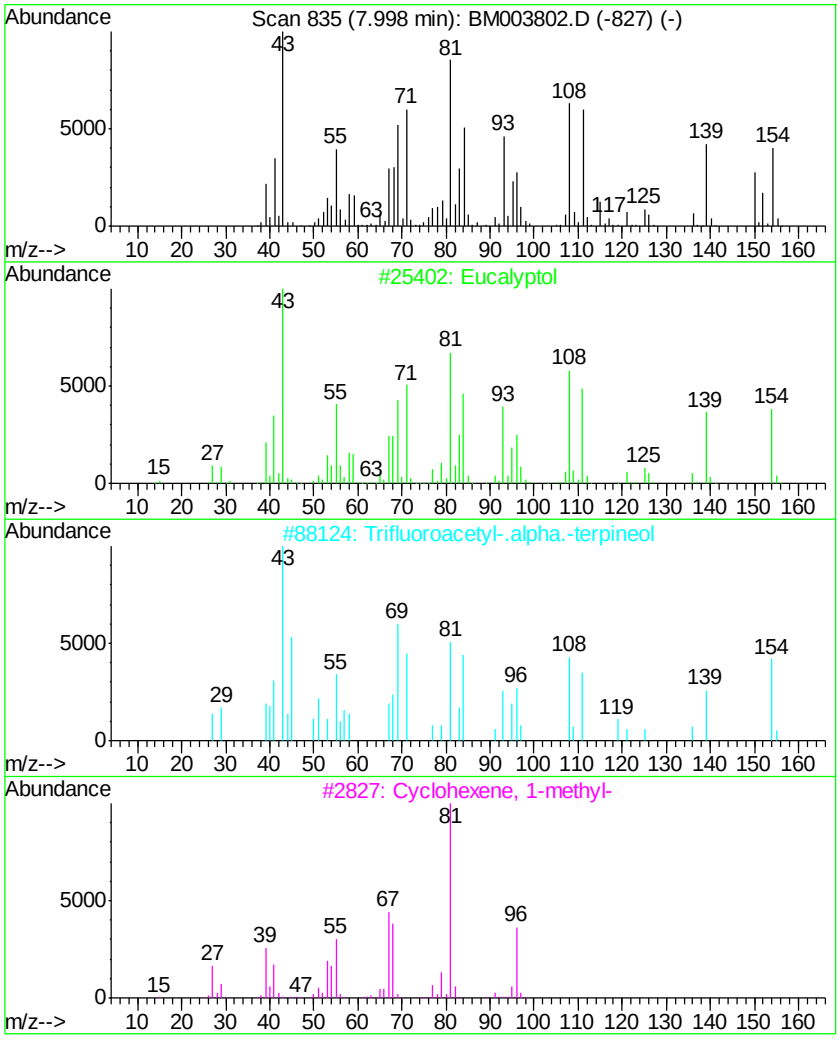
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

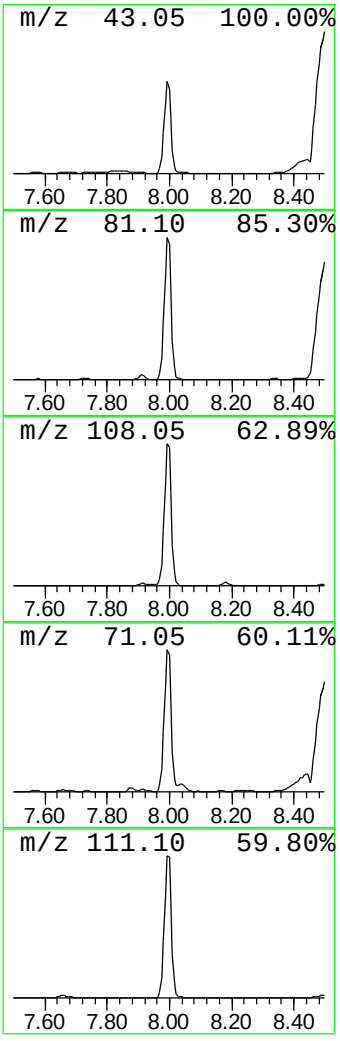
****

Peak Number 3 Eucalyptol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	214.91 ng	3401130	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	99
2	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	43
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	25
4	3-Hepten-2-one, 3-propyl-	154	C10H18O	032064-69-0	25
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003802.D
Acq On : 25 Dec 2015 06:17
Operator : UM/SJ
Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
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TIC Library : C:\DATABASE\NIST02.L
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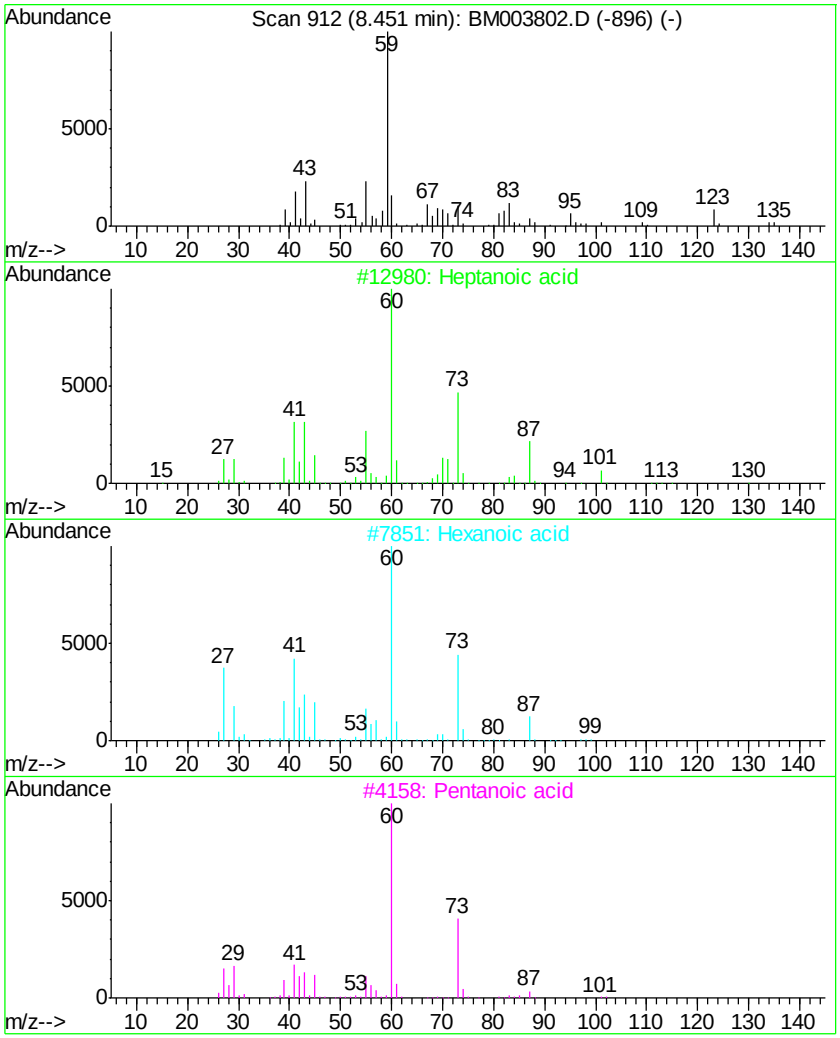
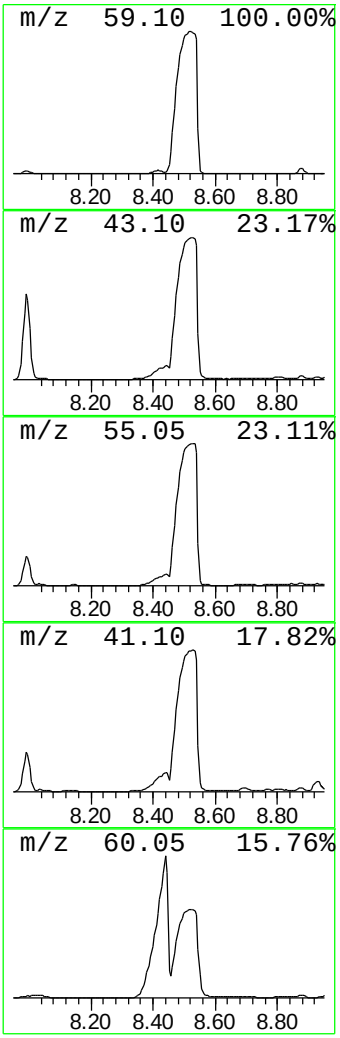
Peak Number 4 Heptanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	61.14 ng	967627	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	64
2	Hexanoic acid	116	C6H12O2	000142-62-1	47
3	Pentanoic acid	102	C5H10O2	000109-52-4	46
4	Octanoic Acid	144	C8H16O2	000124-07-2	43
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	43





Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003802.D
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Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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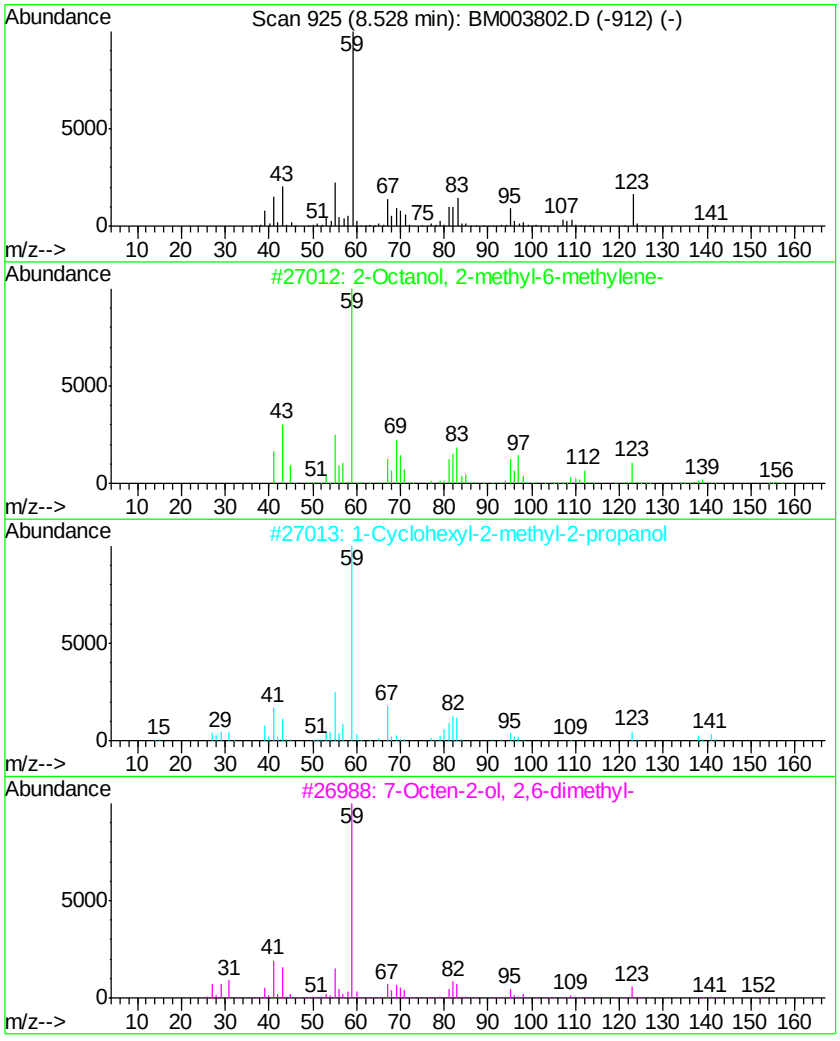
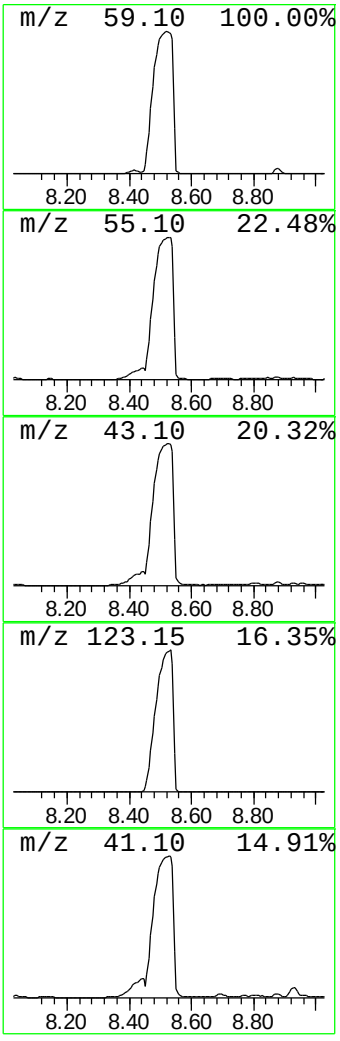
****

Peak Number 5 2-Octanol, 2-methyl-6-methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	1048.38 ng	16591800	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	72
2	1-Cyclohexyl-2-methyl-2-propanol	156	C10H20O	005531-30-6	64
3	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	64
4	Silane, (chloromethyl)dimethyl-	108	C3H9ClSi	003144-74-9	59
5	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	43





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Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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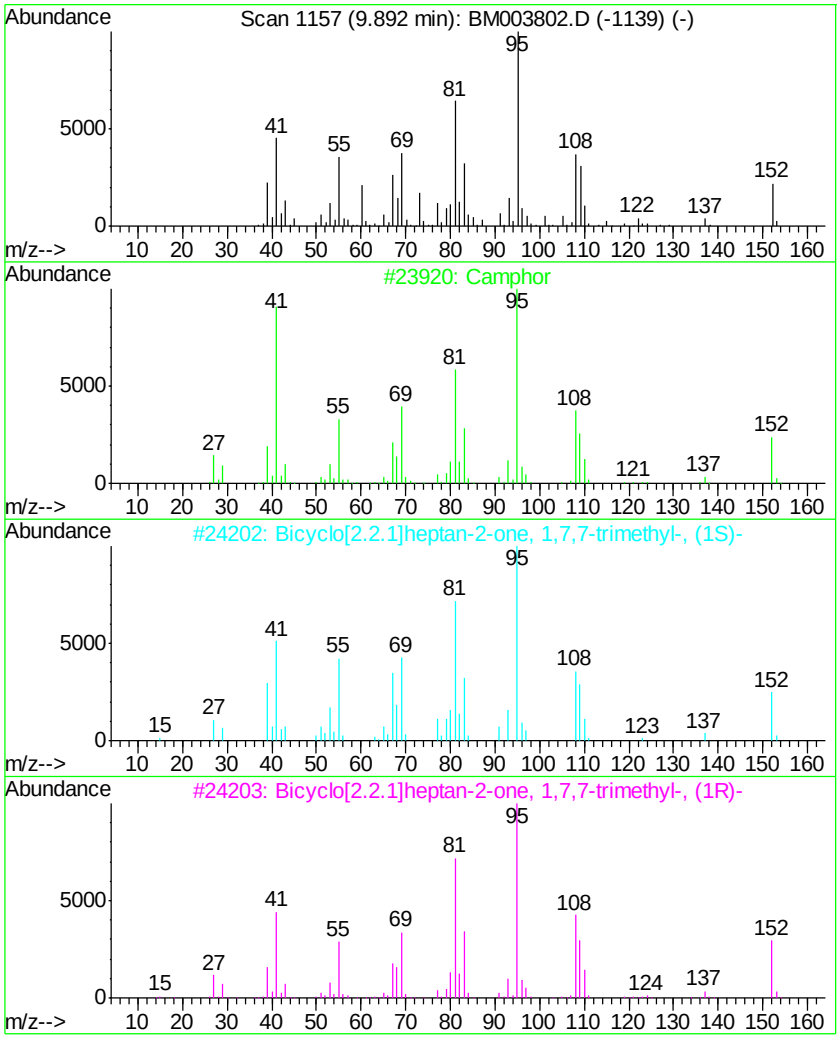
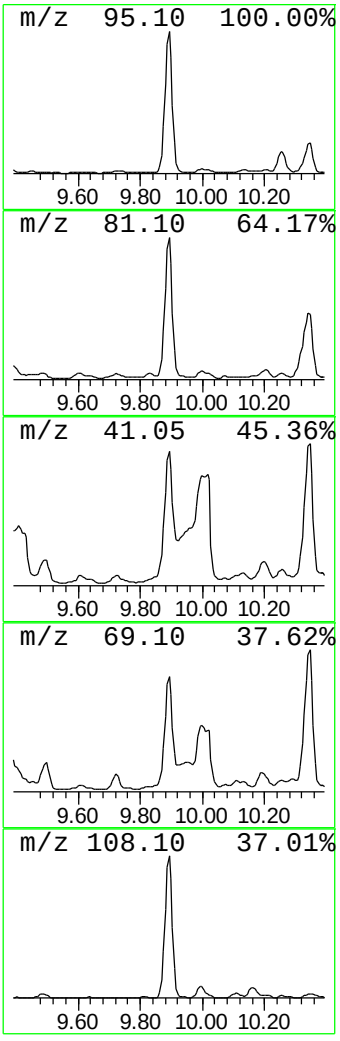
Peak Number 6 Camphor Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	94.71 ng	1702120	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	98
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	97
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	97
5	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	006752-80-3	49





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Sample : G4952-02
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Instrument : BNA_M
ClientSampleId : MW-24

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

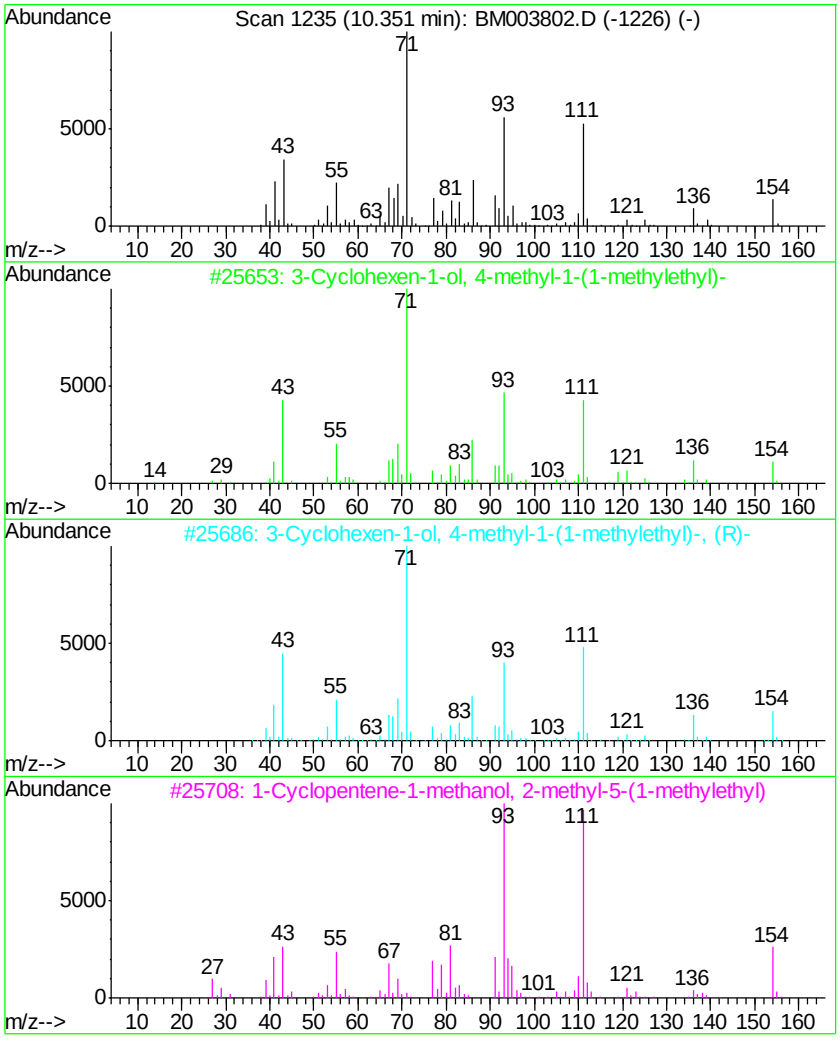
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

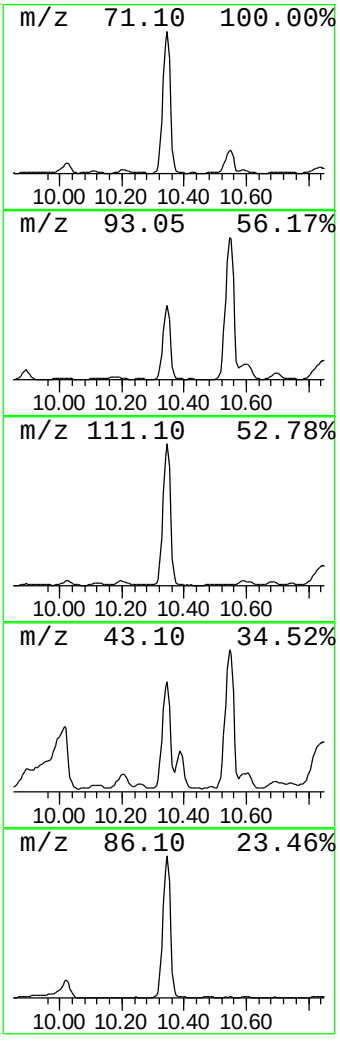
****

Peak Number 7 3-Cyclohexen-1-ol, 4-methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	119.18 ng	2141950	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	000562-74-3	93
2	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	93
3	1-Cyclopentene-1-methanol, 2-met...	154	C10H18O	080113-82-2	41
4	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	38
5	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003802.D
Acq On : 25 Dec 2015 06:17
Operator : UM/SJ
Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

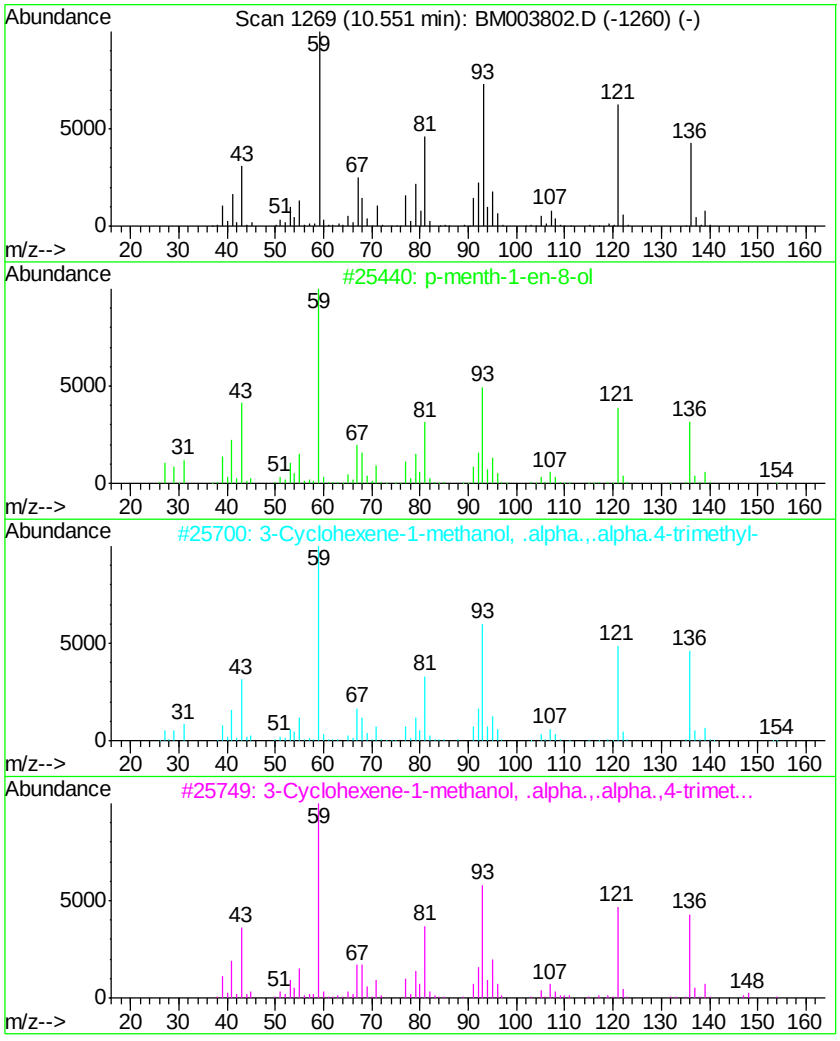
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

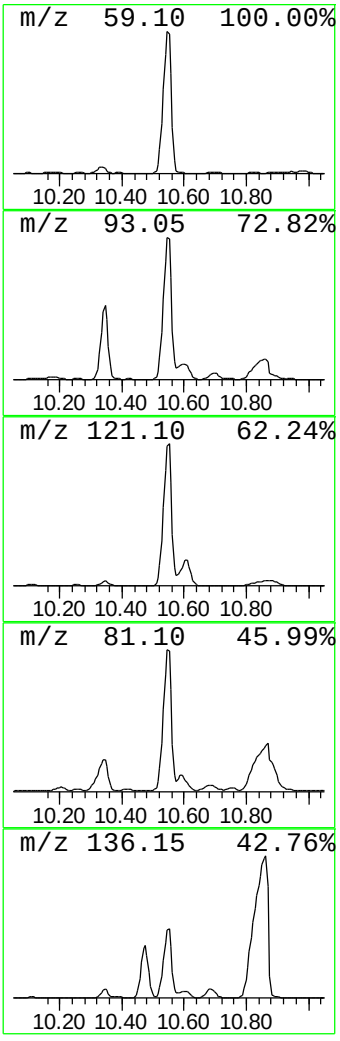
****

Peak Number 8 p-menth-1-en-8-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	200.79 ng	3608530	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-menth-1-en-8-ol	154	C10H18O	1000157-89-9	91
2	3-Cyclohexene-1-methanol, .alpha...	154	C10H18O	000098-55-5	80
3	3-Cyclohexene-1-methanol, .alpha...	154	C10H18O	010482-56-1	72
4	(+)-4-Carene	136	C10H16	029050-33-7	64
5	1R-.alpha.-Pinene	136	C10H16	007785-70-8	50





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Data File : BM003802.D
Acq On : 25 Dec 2015 06:17
Operator : UM/SJ
Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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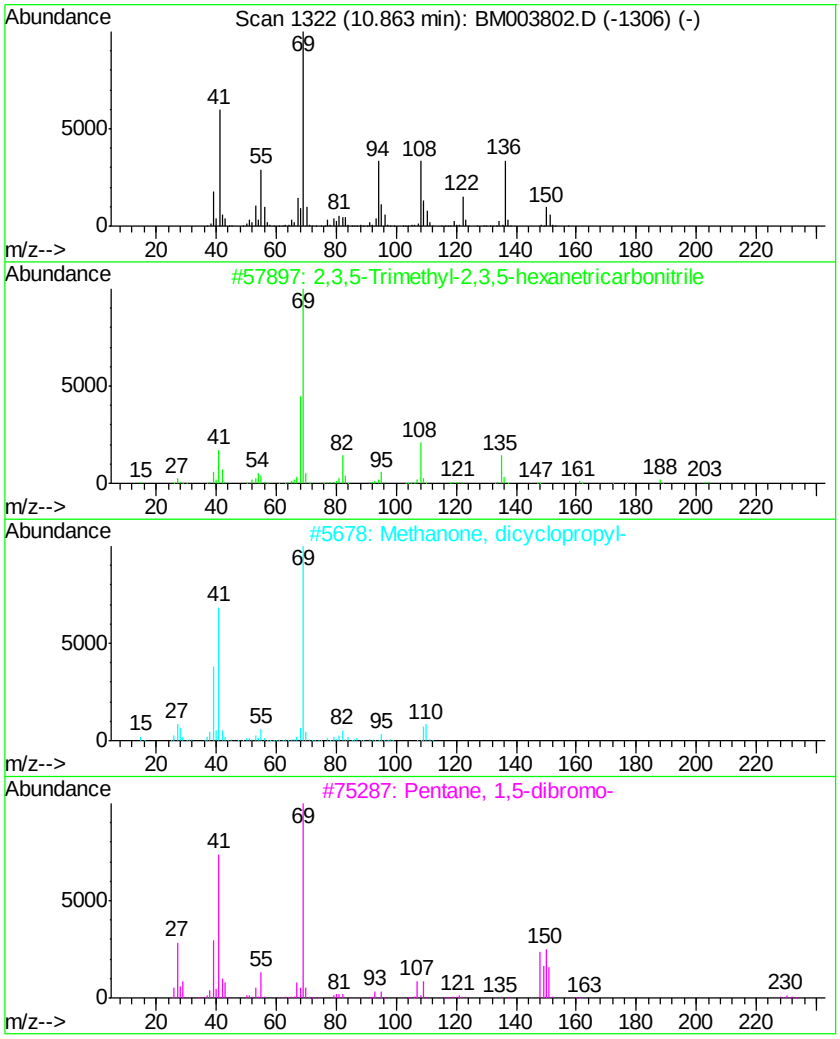
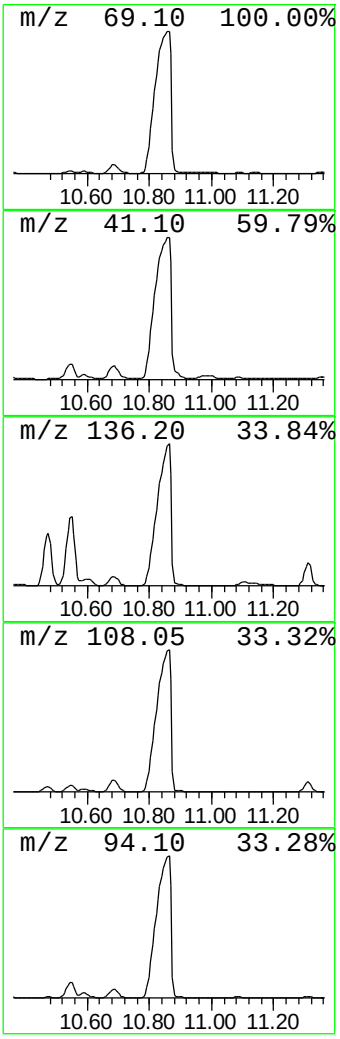
Peak Number 9 unknown10.86 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	804.39 ng	14456600	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	47
2	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	38
3	Pentane, 1,5-dibromo-	228	C5H10Br2	000111-24-0	37
4	1,5-Heptadiene, 2,3,6-trimethyl-	138	C10H18	033501-88-1	35
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	35





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Sample : G4952-02
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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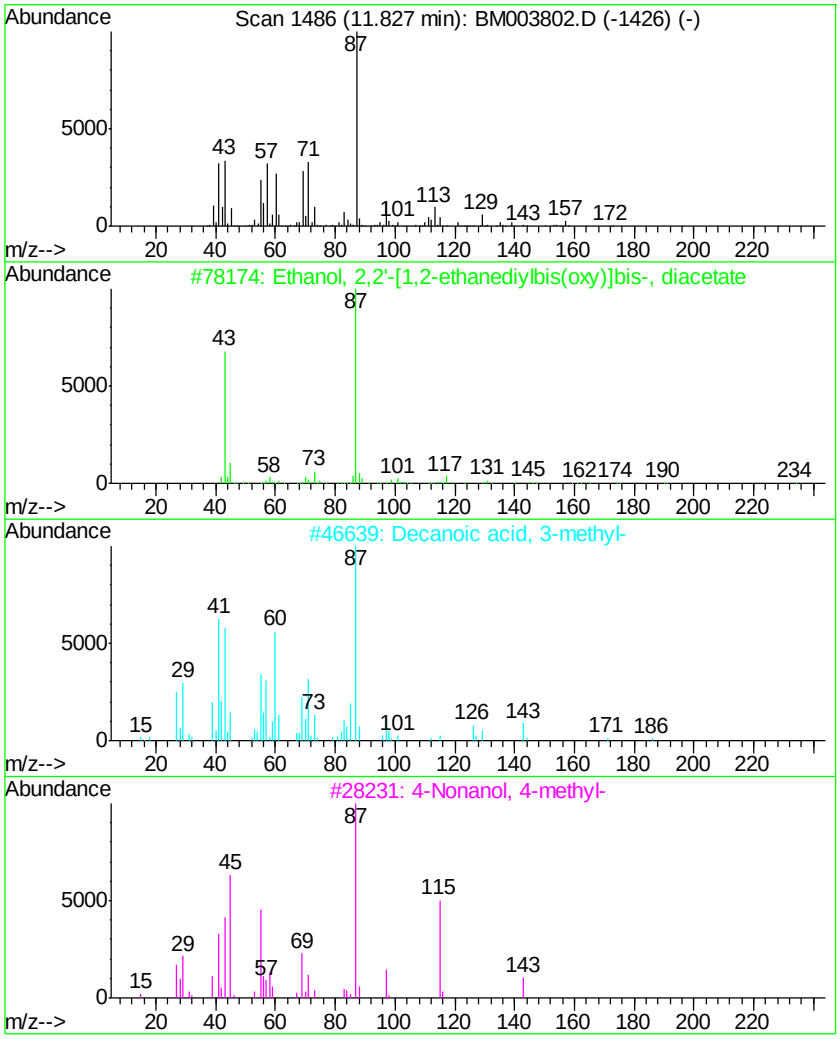
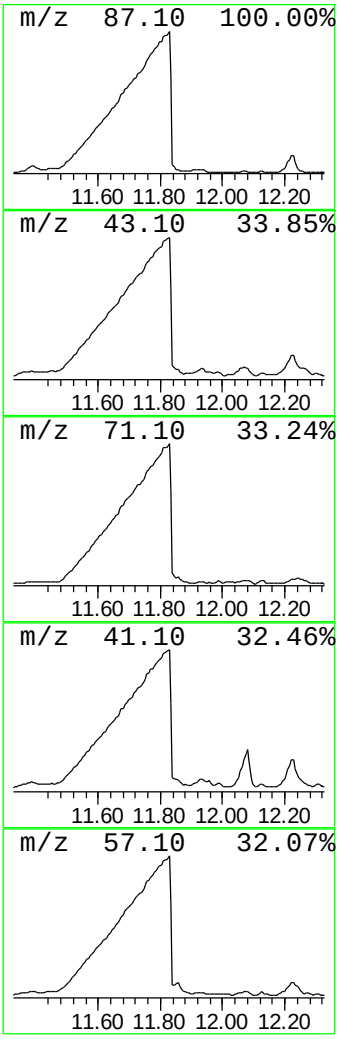
Peak Number 10 unknown11.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	1301.63 ng	23393000	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2'-[1,2-ethanediylbis...	234	C10H18O6	000111-21-7	43
2	Decanoic acid, 3-methyl-	186	C11H22O2	060308-82-9	43
3	4-Nonanol, 4-methyl-	158	C10H22O	023418-38-4	38
4	3-Pentanol, 2,2,4,4-tetramethyl-	144	C9H20O	014609-79-1	38
5	3-[(1-Trichloromethyl)but-3-enyl...	274	C9H13Cl3O3	112463-35-1	37





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Sample : G4952-02
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

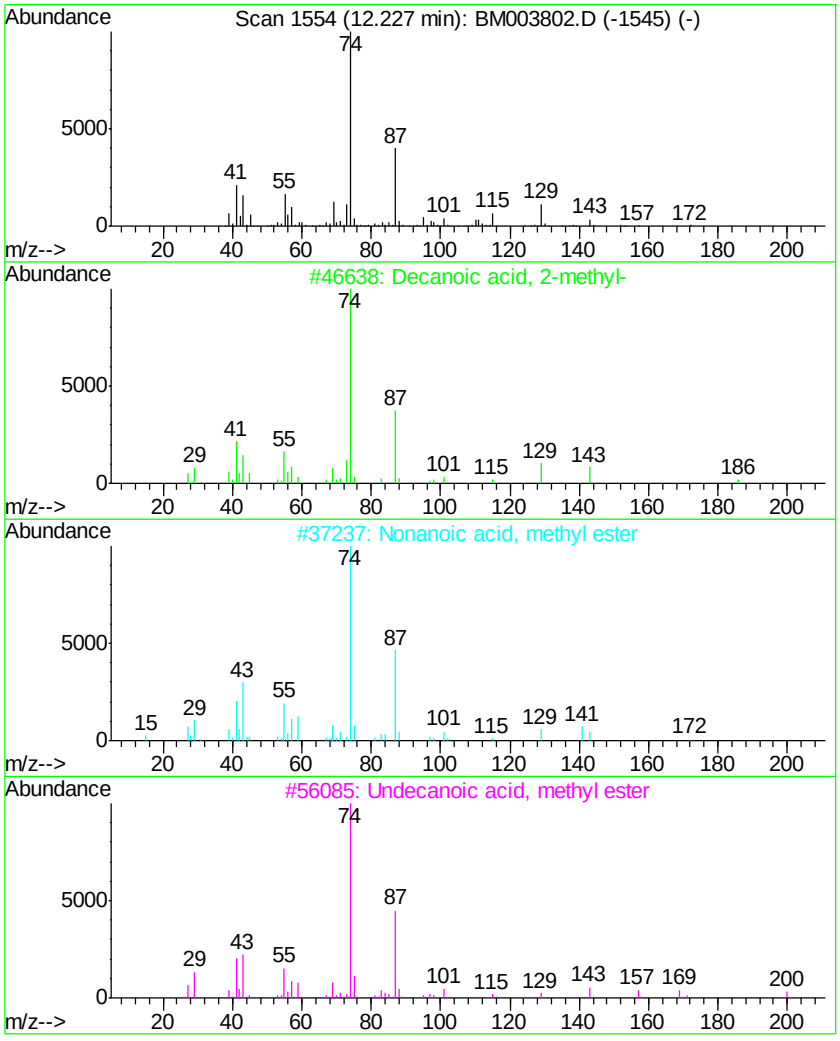
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

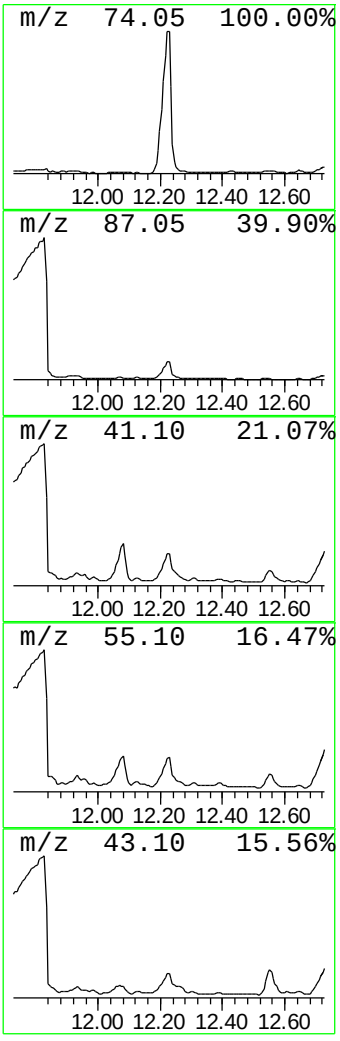
****

Peak Number 11 Decanoic acid, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	65.38 ng	1174950	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, 2-methyl-	186	C11H22O2	024323-23-7	86
2	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	64
3	Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	59
4	Dodecanoic acid, 2-methyl-	214	C13H26O2	002874-74-0	56
5	Undecanoic acid, 2-methyl-	200	C12H24O2	024323-25-9	42





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Acq On : 25 Dec 2015 06:17
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Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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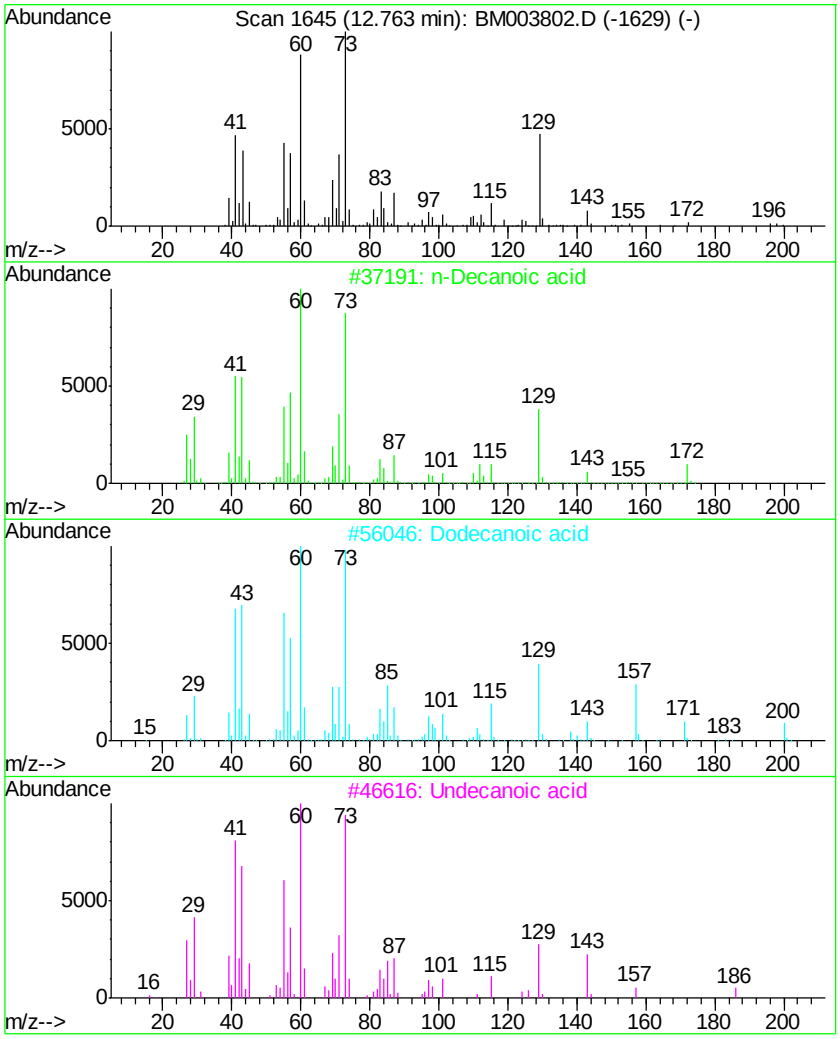
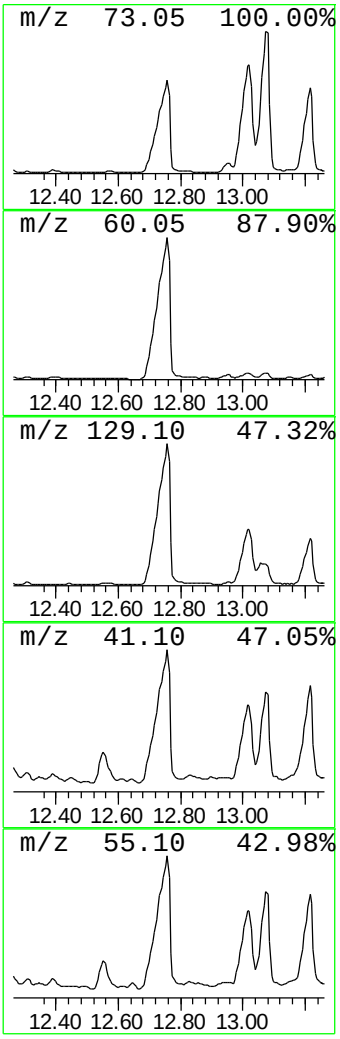
Peak Number 12 n-Decanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	96.19 ng	2542100	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	93
2	Dodecanoic acid	200	C12H24O2	000143-07-7	64
3	Undecanoic acid	186	C11H22O2	000112-37-8	50
4	Heptanoic acid	130	C7H14O2	000111-14-8	50
5	Octanoic Acid	144	C8H16O2	000124-07-2	49





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Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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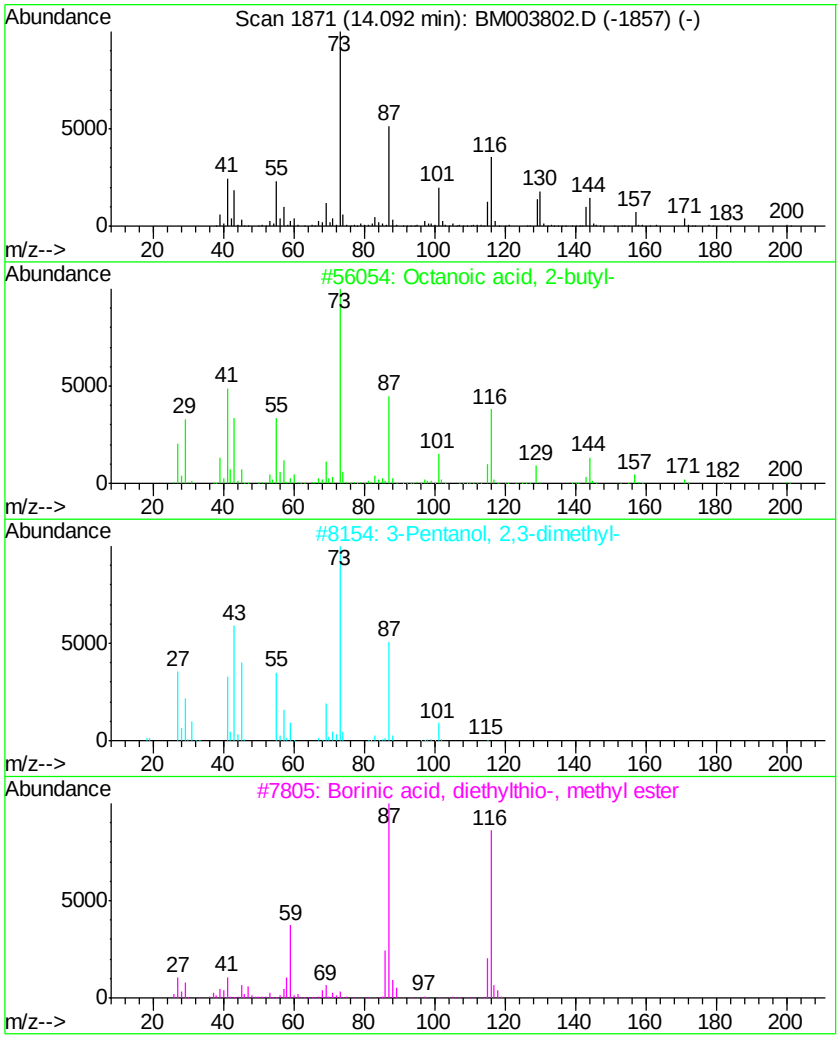
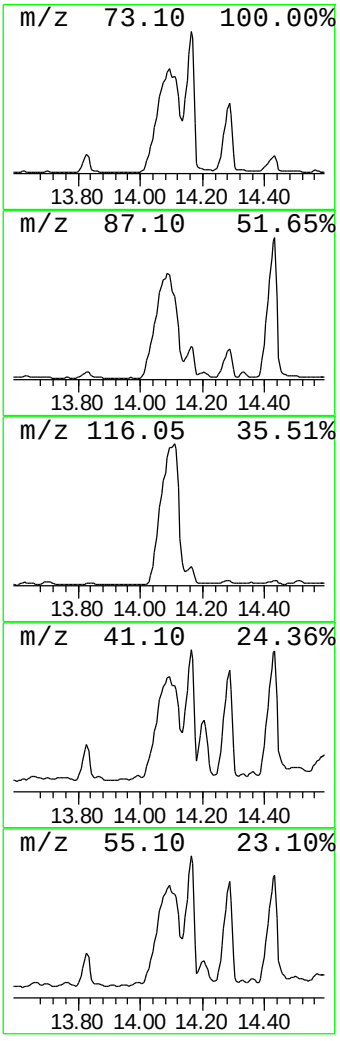
Peak Number 14 Octanoic acid, 2-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	144.71 ng	3824620	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 2-butyl-	200	C12H24O2	027610-92-0	95
2	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	35
3	Borinic acid, diethylthio-, meth...	116	C5H13BS	092276-84-1	27
4	Thiepane	116	C6H12S	004753-80-4	27
5	Pivaloin	172	C10H20O2	000815-66-7	25





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Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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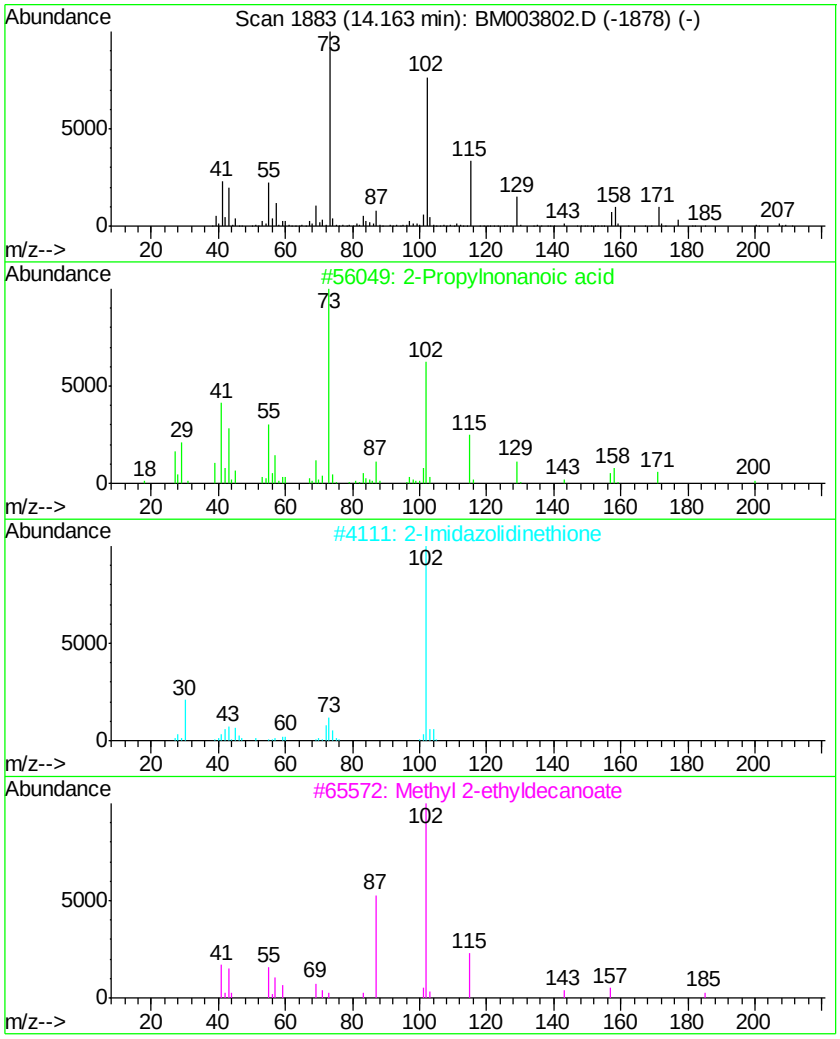
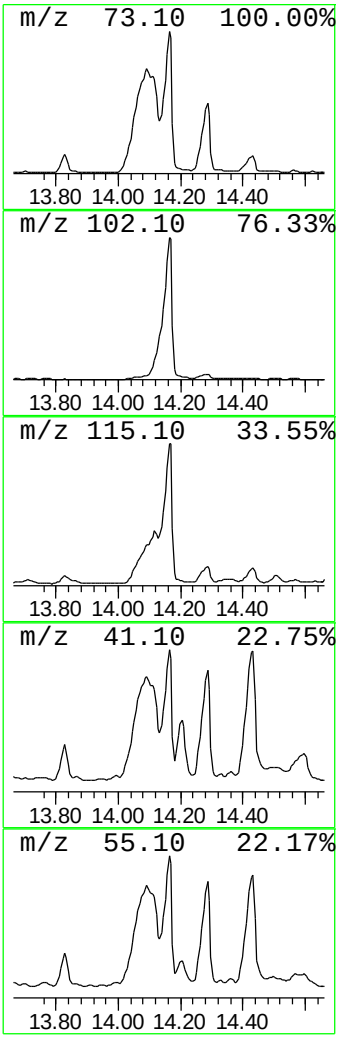
Peak Number 15 2-Propylnonanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	79.00 ng	2087860	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propylnonanoic acid	200	C12H24O2	065185-82-2	64
2	2-Imidazolidinethione	102	C3H6N2S	000096-45-7	43
3	Methyl 2-ethyldecanoate	214	C13H26O2	020483-47-0	40
4	Valproic Acid	144	C8H16O2	000099-66-1	40
5	2-Propyloctanoic acid	186	C11H22O2	031080-41-8	39





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Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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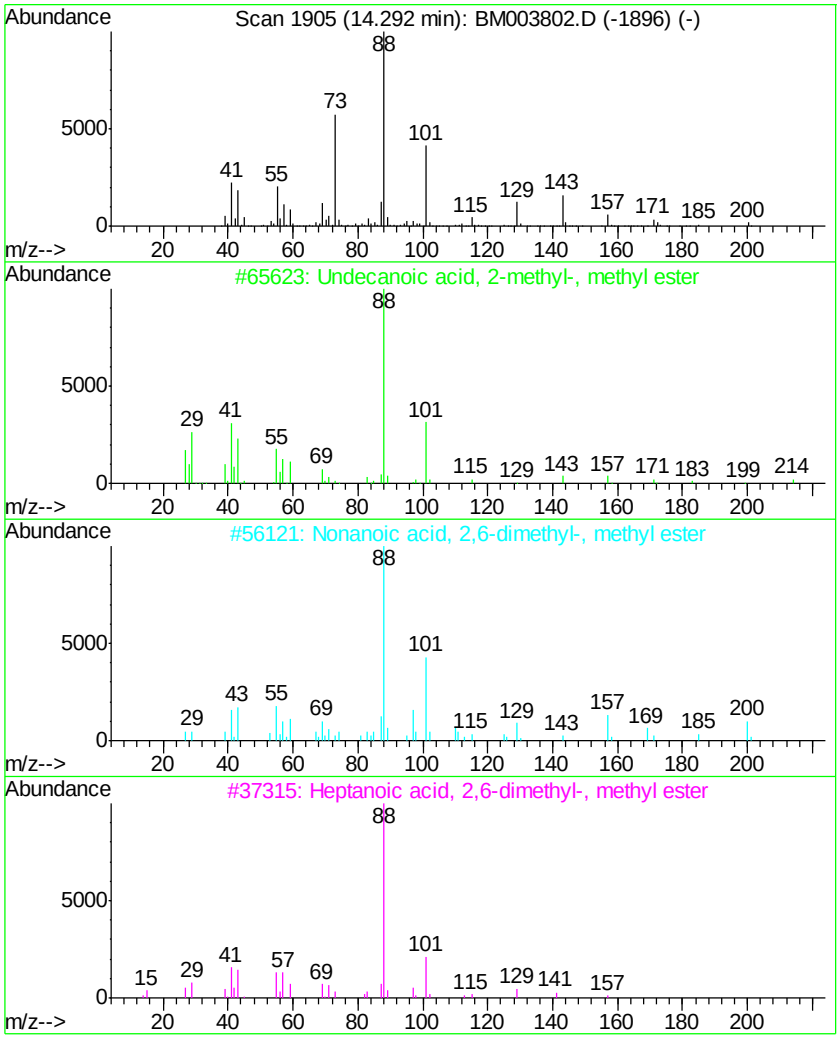
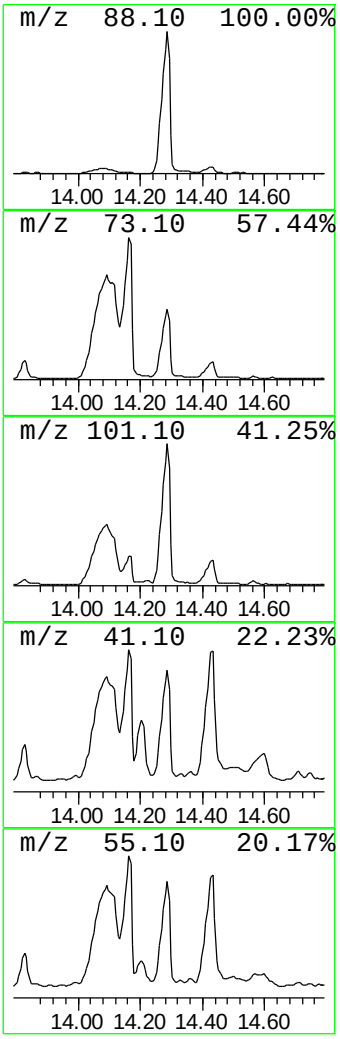
Peak Number 16 Undecanoic acid, 2-methyl-,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	72.66 ng	1920290	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid, 2-methyl-, meth...	214	C13H26O2	055955-69-6	64
2	Nonanoic acid, 2,6-dimethyl-, me...	200	C12H24O2	055955-67-4	56
3	Heptanoic acid, 2,6-dimethyl-, m...	172	C10H20O2	033315-72-9	53
4	Nonanoic acid, 2,4-dimethyl-, me...	200	C12H24O2	054889-61-1	53
5	Heptanoic acid, 2,4-dimethyl-, m...	172	C10H20O2	018450-78-7	50





Library Search Compound Report

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Operator : UM/SJ
Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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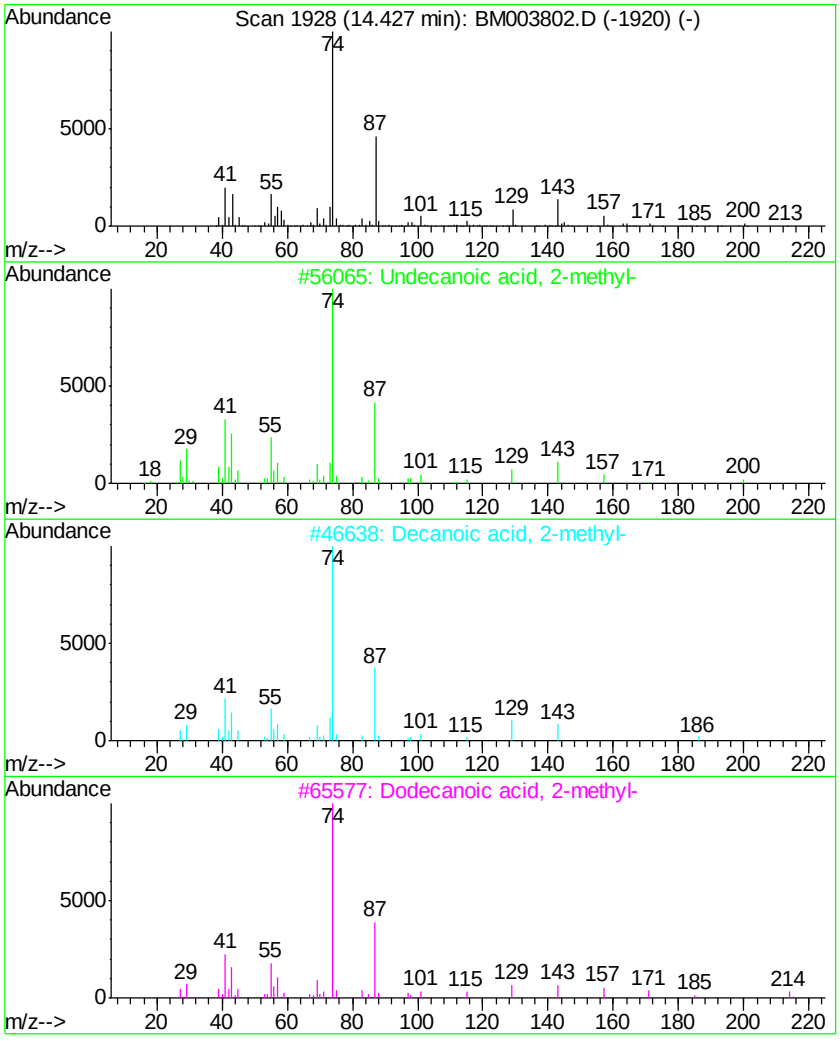
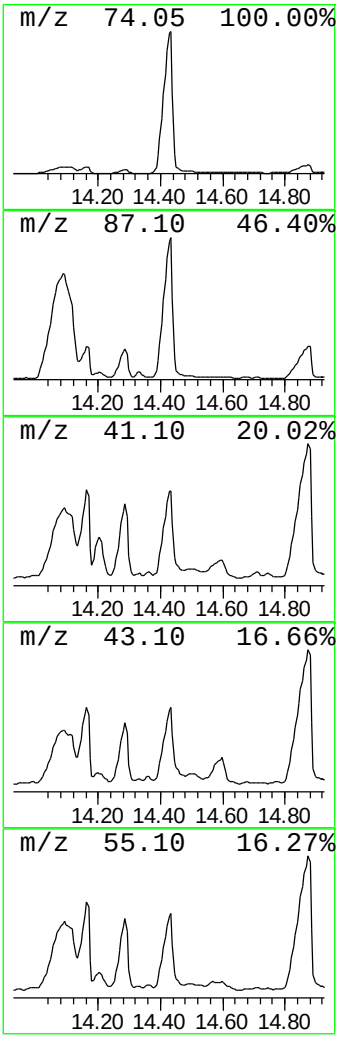
Peak Number 17 Undecanoic acid, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	97.38 ng	2573740	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid, 2-methyl-	200	C12H24O2	024323-25-9	93
2	Decanoic acid, 2-methyl-	186	C11H22O2	024323-23-7	64
3	Dodecanoic acid, 2-methyl-	214	C13H26O2	002874-74-0	64
4	Pentanoic acid, methyl ester	116	C6H12O2	000624-24-8	50
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	50





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
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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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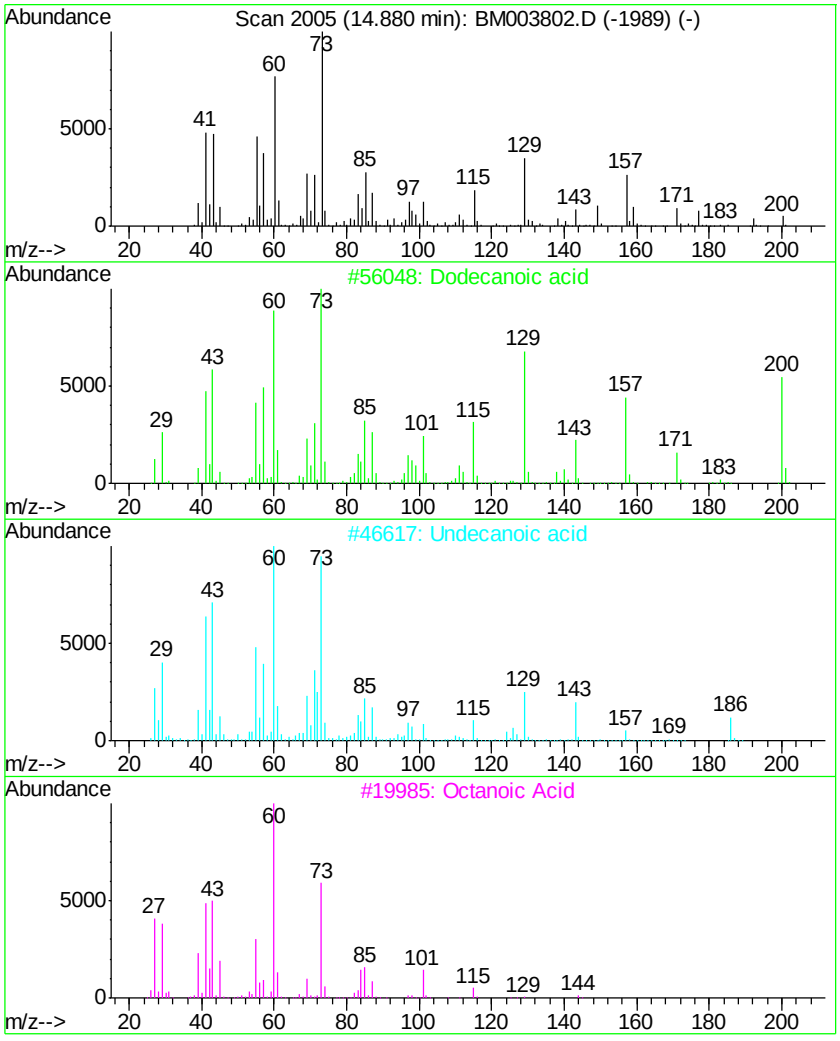
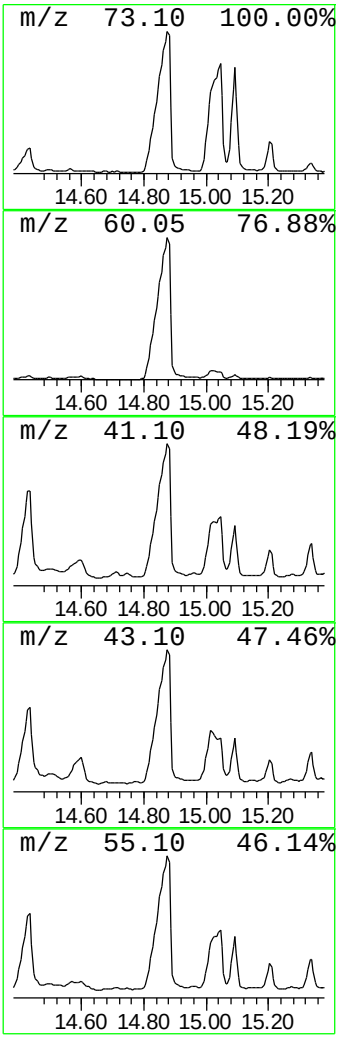
Peak Number 18 Dodecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	193.63 ng	5117370	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	95
2	Undecanoic acid	186	C11H22O2	000112-37-8	50
3	Octanoic Acid	144	C8H16O2	000124-07-2	46
4	d-Glucohexodialdose	178	C6H10O6	1000149-19-1	43
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





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Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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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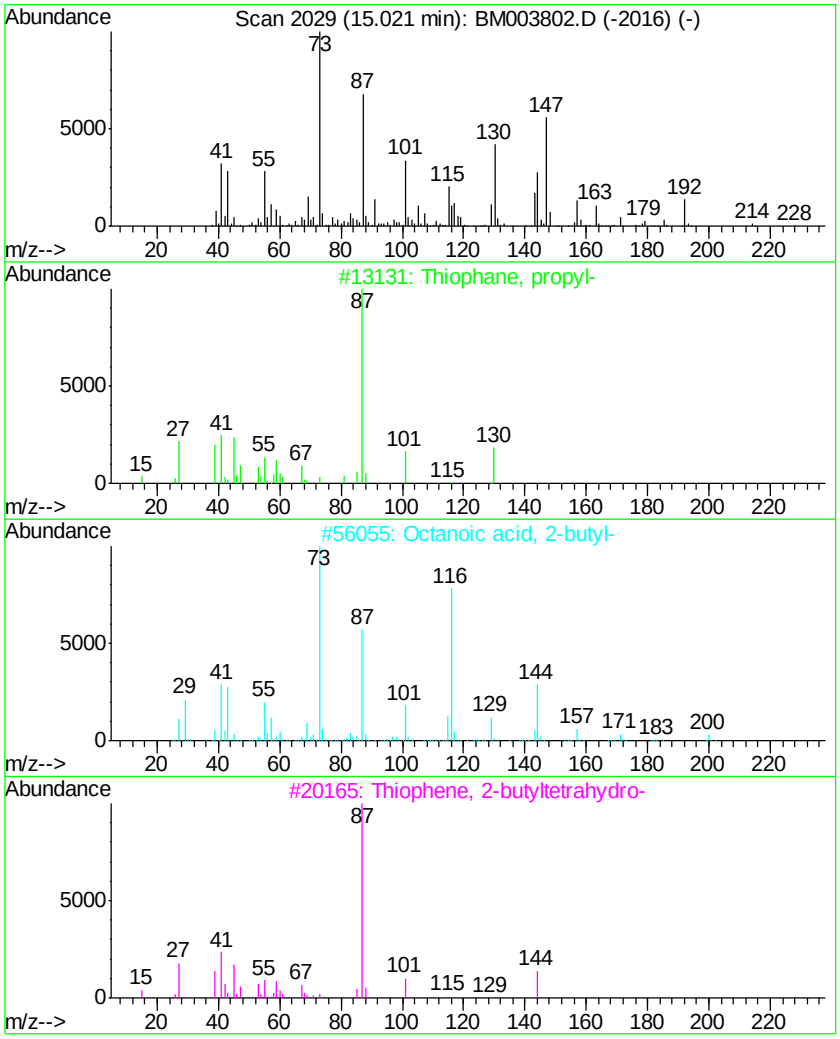
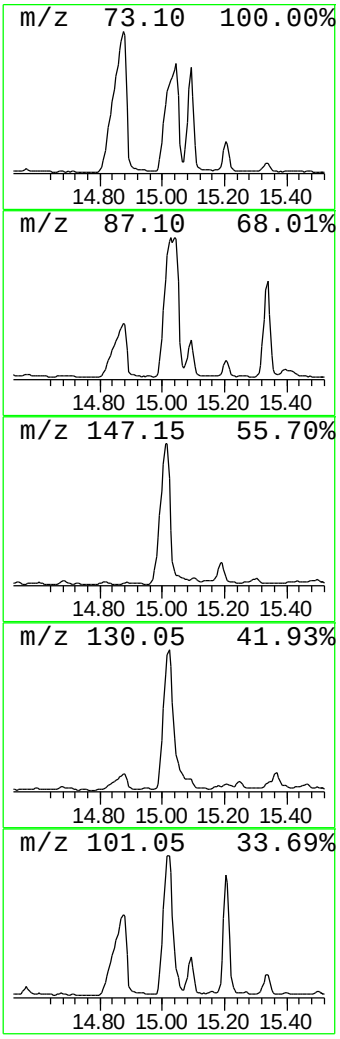
Peak Number 19 unknown15.02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	88.97 ng	2351390	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophane, propyl-	130	C7H14S	001551-34-4	30
2	Octanoic acid, 2-butyl-	200	C12H24O2	027610-92-0	25
3	Thiophene, 2-butyltetrahydro-	144	C8H16S	001613-49-6	14
4	1,3-Dioxolane, 2-methyl-2-(5-phe...	232	C15H20O2	055282-92-3	12
5	2-Indolizinemethanol	147	C9H9NO	022320-21-4	12





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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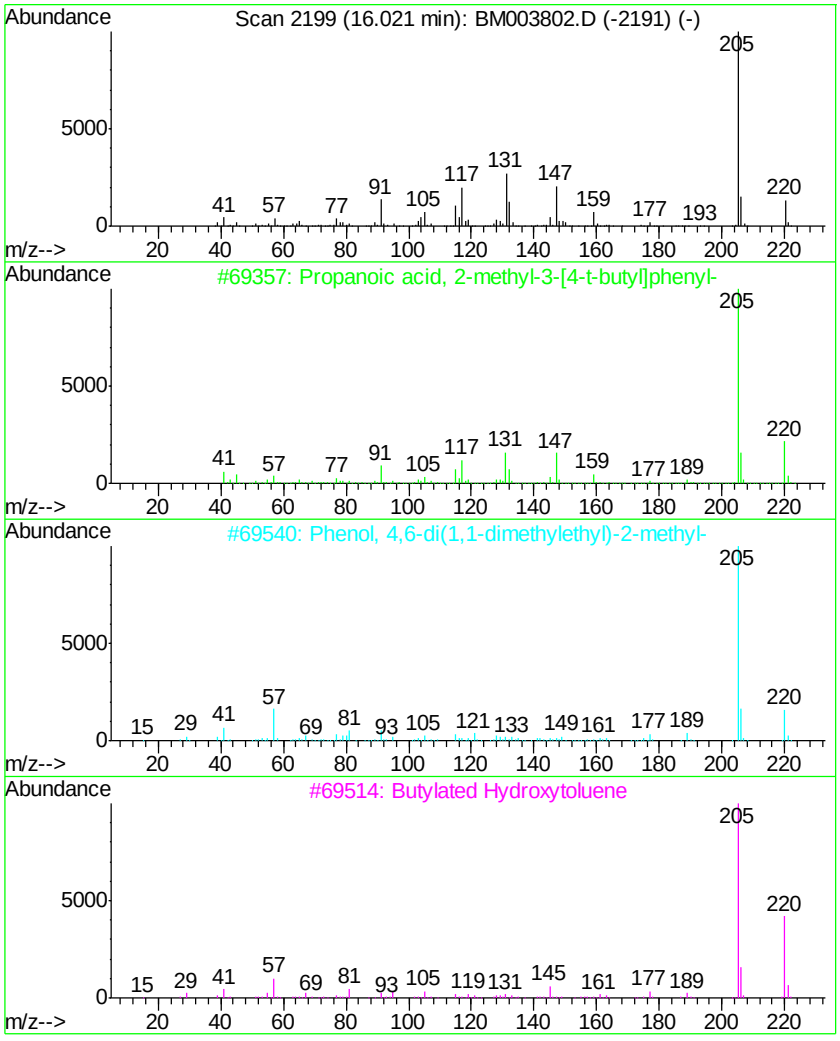
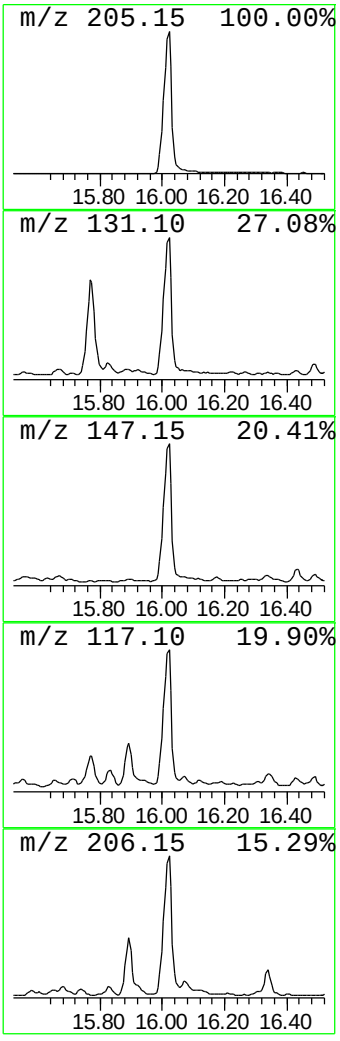
Peak Number 20 Propanoic acid, 2-methyl-3-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	77.10 ng	2105890	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-3-[4-t-...	220	C14H20O2	1000131-87-0	93
2	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	43
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	43
4	2-Amino-4-hydroxy-6,7,8-trimethy...	205	C9H11N5O	013045-86-8	38
5	Stypticin	237	C12H15NO4	059760-32-6	36





Tentatively Identified Compound (LSC) summary

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Data File : BM003802.D
Acq On : 25 Dec 2015 06:17
Operator : UM/SJ
Sample : G4952-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.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
Benzene, 1-methyl...	7.85	1056.2	ng	16716100	1	7.69	316521	20.0
Eucalyptol	8.00	214.9	ng	3401130	1	7.69	316521	20.0
Heptanoic acid	8.45	61.1	ng	967627	1	7.69	316521	20.0
2-Octanol, 2-meth...	8.53	1048.4	ng	16591800	1	7.69	316521	20.0
Camphor	9.89	94.7	ng	1702120	2	10.47	359441	20.0
3-Cyclohexen-1-ol...	10.35	119.2	ng	2141950	2	10.47	359441	20.0
p-menth-1-en-8-ol	10.55	200.8	ng	3608530	2	10.47	359441	20.0
unknown10.86	10.86	804.4	ng	14456600	2	10.47	359441	20.0
unknown11.83	11.83	1301.6	ng	23393000	2	10.47	359441	20.0
Decanoic acid, 2-...	12.23	65.4	ng	1174950	2	10.47	359441	20.0
n-Decanoic acid	12.76	96.2	ng	2542100	3	14.34	528582	20.0
Octanoic acid, 2-...	14.09	144.7	ng	3824620	3	14.34	528582	20.0
2-Propylnonanoic ...	14.16	79.0	ng	2087860	3	14.34	528582	20.0
Undecanoic acid, ...	14.29	72.7	ng	1920290	3	14.34	528582	20.0
Undecanoic acid, ...	14.43	97.4	ng	2573740	3	14.34	528582	20.0
Dodecanoic acid	14.88	193.6	ng	5117370	3	14.34	528582	20.0
unknown15.02	15.02	89.0	ng	2351390	3	14.34	528582	20.0
Propanoic acid, 2...	16.02	77.1	ng	2105890	4	17.09	546310	20.0