LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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\SOM02.2-EPA-BM042516.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.369	282	286	295	rVB	69242	95115	3.21%	0.457%
2	5.857	533	539	549	rBV	105223	161792	5.46%	0.777%
3	6.851	691	708	712	rBV	43059	126120	4.26%	0.606%
4	6.957	721	726	734	rVB	49588	79553	2.69%	0.382%
5	7.122	749	754	763	rBV	133800	204377	6.90%	0.982%
6	7.240	769	774	782	rBV	46237	66846	2.26%	0.321%
7	7.322	782	788	796	rVB	159428	252675	8.53%	1.214%
8	7.404	796	802	810	rBV	107812	155063	5.23%	0.745%
9	7.793	858	868	874	rBB	134129	236781	7.99%	1.138%
10	8.492	960	987	992	rBV	294558	1217878	41.11%	5.852%
11	8.945	1058	1064	1078	rVB	172979	294423	9.94%	1.415%
12	9.098	1085	1090	1098	rVB2	24912	38550	1.30%	0.185%
13	9.269	1113	1119	1129	rBB	35373	55675	1.88%	0.268%
14	9.557	1163	1168	1175	rBV2	50467	76847	2.59%	0.369%
15	9.663	1180	1186	1193	rBV	148374	242479	8.18%	1.165%
16	9.939	1225	1233	1236	rVV	55327	117188	3.96%	0.563%
17	9.987	1236	1241	1258	rVB2	205997	392861	13.26%	1.888%
18	10.204	1272	1278	1284	rBV	232504	383469	12.94%	1.842%
19	10.581	1335	1342	1346	rBV	206197	363208	12.26%	1.745%
20	10.628	1346	1350	1356	rVB	248757	405953	13.70%	1.950%
21	10.998	1398	1413	1424	rBV3	6390	33689	1.14%	0.162%
22	11.169	1435	1442	1450	rBV	48624	83045	2.80%	0.399%
23	11.251	1450	1456	1465	rVB	36221	61113	2.06%	0.294%
24	11.351	1465	1473	1475	rBV3	20413	30754	1.04%	0.148%
25	11.410	1475	1483	1486	rVV	100483	200175	6.76%	0.962%
26	11.481	1486	1495	1535	rVB	1135752	2962667	100.00%	14.235%
27	11.951	1566	1575	1591	rVB	57935	134837	4.55%	0.648%
28	12.239	1618	1624	1631	rVB	27433	45101	1.52%	0.217%
29	12.463	1646	1662	1683	rVB4	64249	257425	8.69%	1.237%
30	12.816	1716	1722	1730	rBV	75886	125543	4.24%	0.603%
31	13.498	1820	1838	1851	rBV	404683	1048358	35.39%	5.037%
32	13.663	1857	1866	1875	rVB2	59662	152047	5.13%	0.731%
33	13.839	1890	1896	1914	rVB	448329	759046	25.62%	3.647%
34	14.039	1924	1930	1934	rBV	62186	91097	3.07%	0.438%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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\SOM02.2-EPA-BM042516.M
Title : SVOA CALIBRATION

35	14.122	1939	1944	1955	rVB	470537	715373	24.15%	3.437%
36	14.292	1965	1973	1981	rBV	81453	130124	4.39%	0.625%
37	14.427	1990	1996	2002	rBV2	341264	542324	18.31%	2.606%
38	14.486	2002	2006	2015	rVB2	118087	174832	5.90%	0.840%
39	14.639	2025	2032	2040	rBV3	56248	114656	3.87%	0.551%
40	14.827	2059	2064	2073	rBV2	17763	38058	1.28%	0.183%
41	14.910	2073	2078	2092	rVB	60552	103706	3.50%	0.498%
42	15.257	2132	2137	2142	rVB	32402	42278	1.43%	0.203%
43	15.421	2159	2165	2171	rBV	598657	913177	30.82%	4.388%
44	15.480	2171	2175	2180	rVB	27310	36409	1.23%	0.175%
45	15.545	2180	2186	2193	rBV	215015	298259	10.07%	1.433%
46	17.174	2456	2463	2468	rBV2	441028	635646	21.46%	3.054%
47	17.215	2468	2470	2475	rVV	53197	65471	2.21%	0.315%
48	17.274	2475	2480	2490	rVB2	657309	977221	32.98%	4.695%
49	18.062	2609	2614	2619	rBV4	35719	55988	1.89%	0.269%
50	18.139	2623	2627	2632	rVB	32249	37977	1.28%	0.182%
51	19.233	2810	2813	2819	rVB	34445	51344	1.73%	0.247%
52	19.351	2826	2833	2839	rBV3	33983	65478	2.21%	0.315%
53	19.574	2865	2871	2883	rVB	825589	1181196	39.87%	5.675%
54	20.321	2990	2998	3016	rBV	622090	1366679	46.13%	6.567%
55	21.174	3139	3143	3148	rBV2	30902	38533	1.30%	0.185%
56	21.274	3156	3160	3164	rBV	26692	30739	1.04%	0.148%
57	21.368	3171	3176	3181	rVV	575006	701659	23.68%	3.371%
58	23.503	3532	3539	3555	rVB2	455195	953231	32.17%	4.580%
59	23.650	3557	3564	3573	rVB	291127	557411	18.81%	2.678%
60	24.168	3647	3652	3660	rVB2	16405	33268	1.12%	0.160%

Sum of corrected areas: 20812787

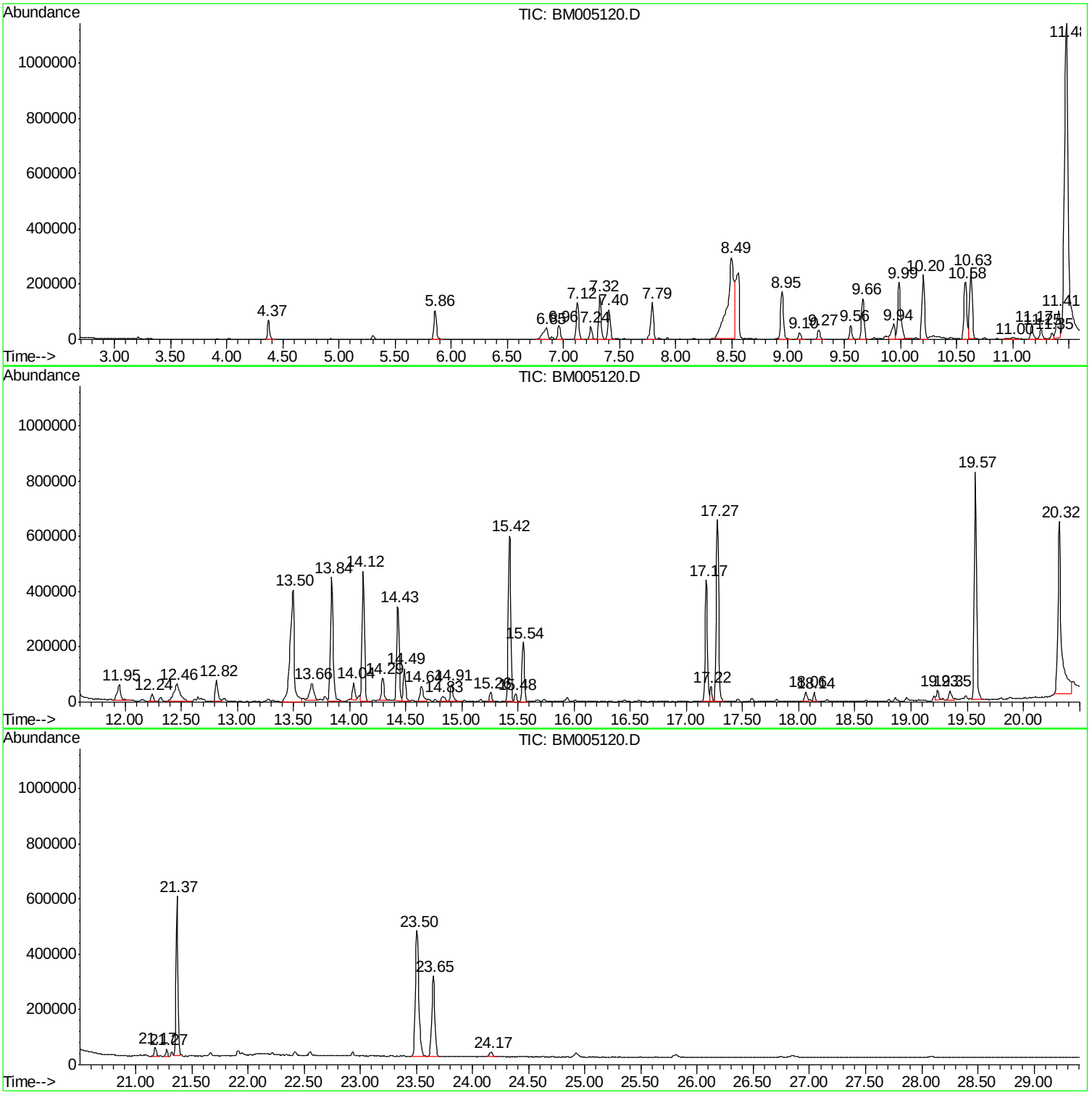
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

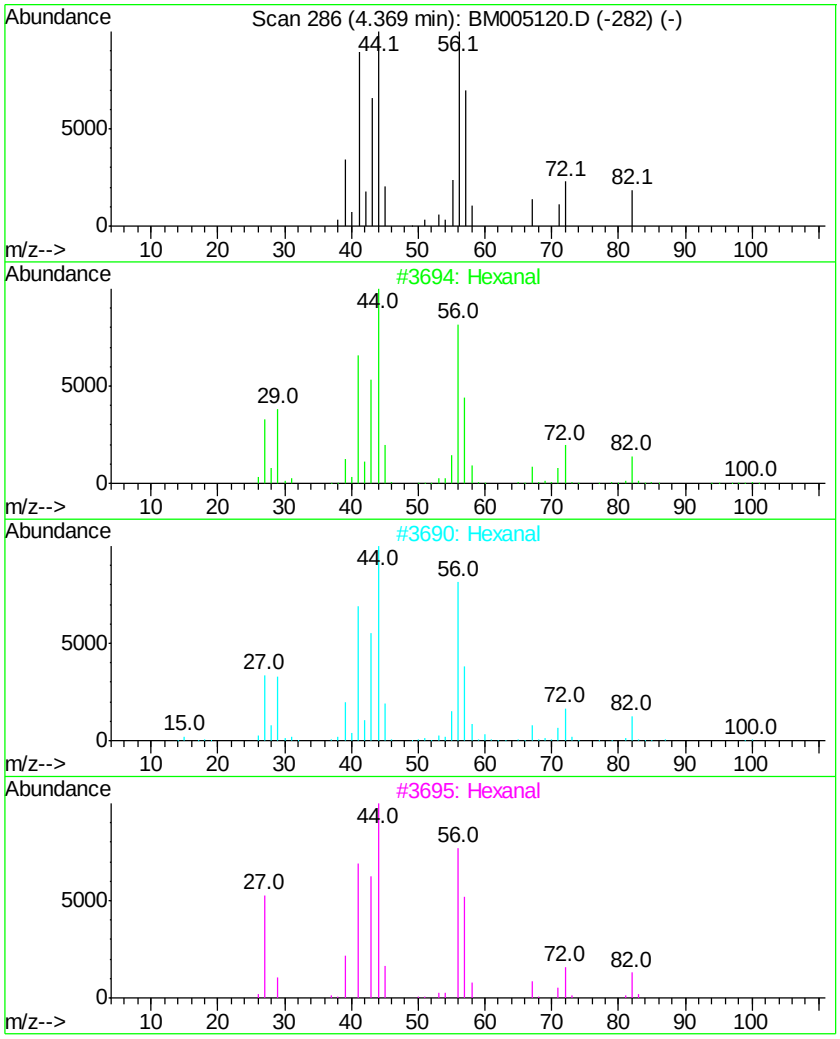
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

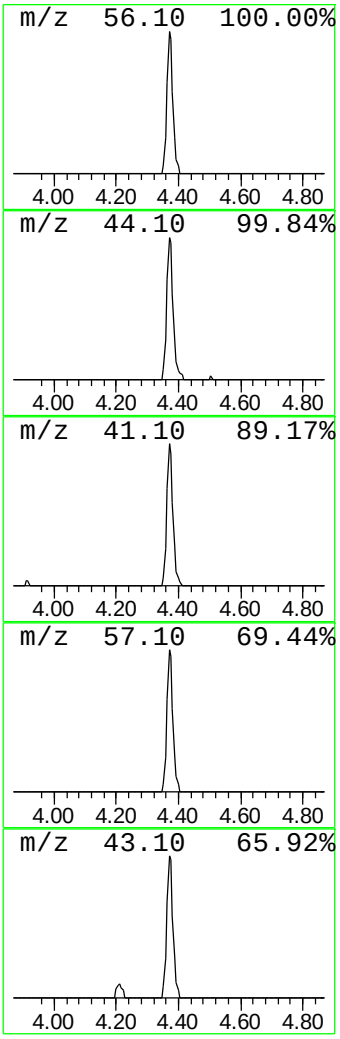
****

Peak Number 1 Hexanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	8.03 ng/ul	95115	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	90
3	Hexanal	100	C6H12O	000066-25-1	90
4	Hexanal	100	C6H12O	000066-25-1	90
5	1,5-Pentanediol	104	C5H12O2	000111-29-5	33





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

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

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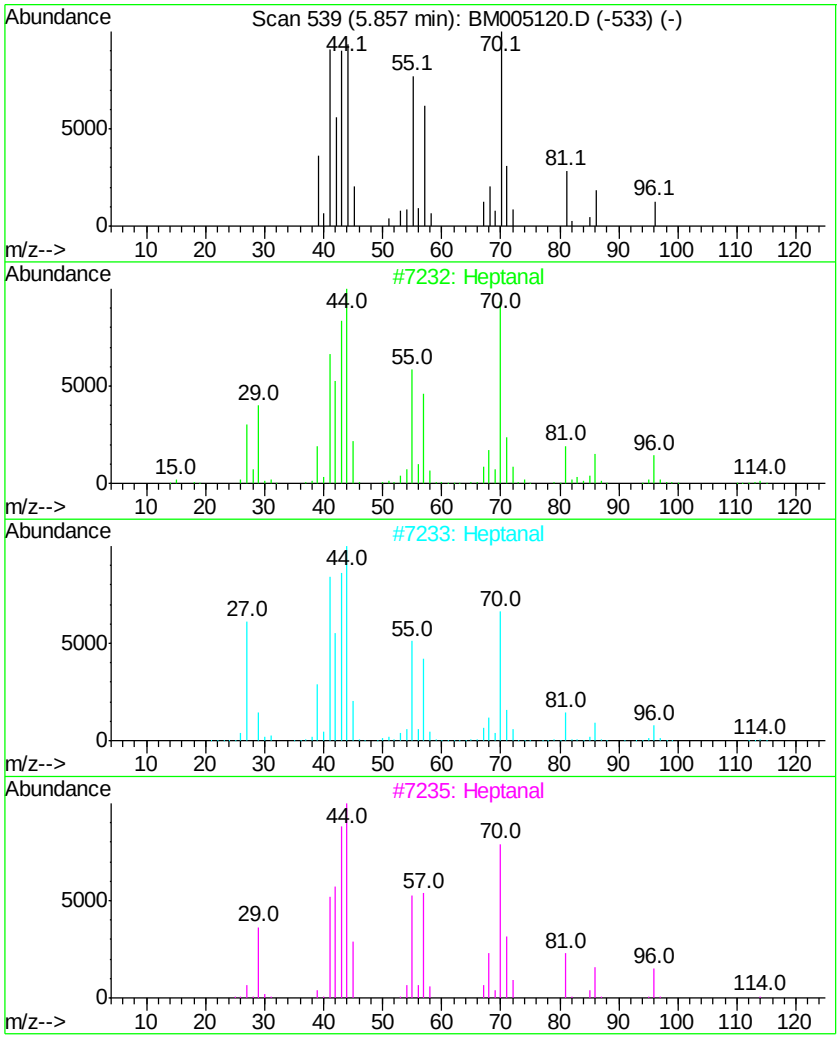
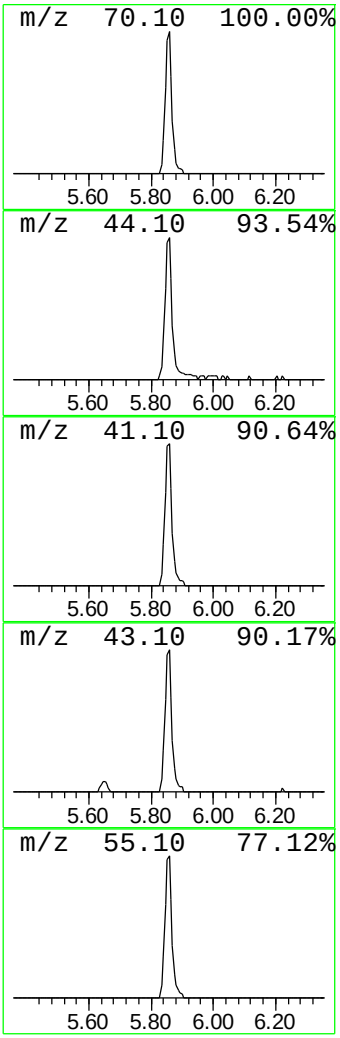
Peak Number 2 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	13.67 ng/ul	161792	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	91
2	Heptanal	114	C7H14O	000111-71-7	90
3	Heptanal	114	C7H14O	000111-71-7	80
4	Heptanal	114	C7H14O	000111-71-7	59
5	Hexanal, 3-methyl-	114	C7H14O	019269-28-4	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

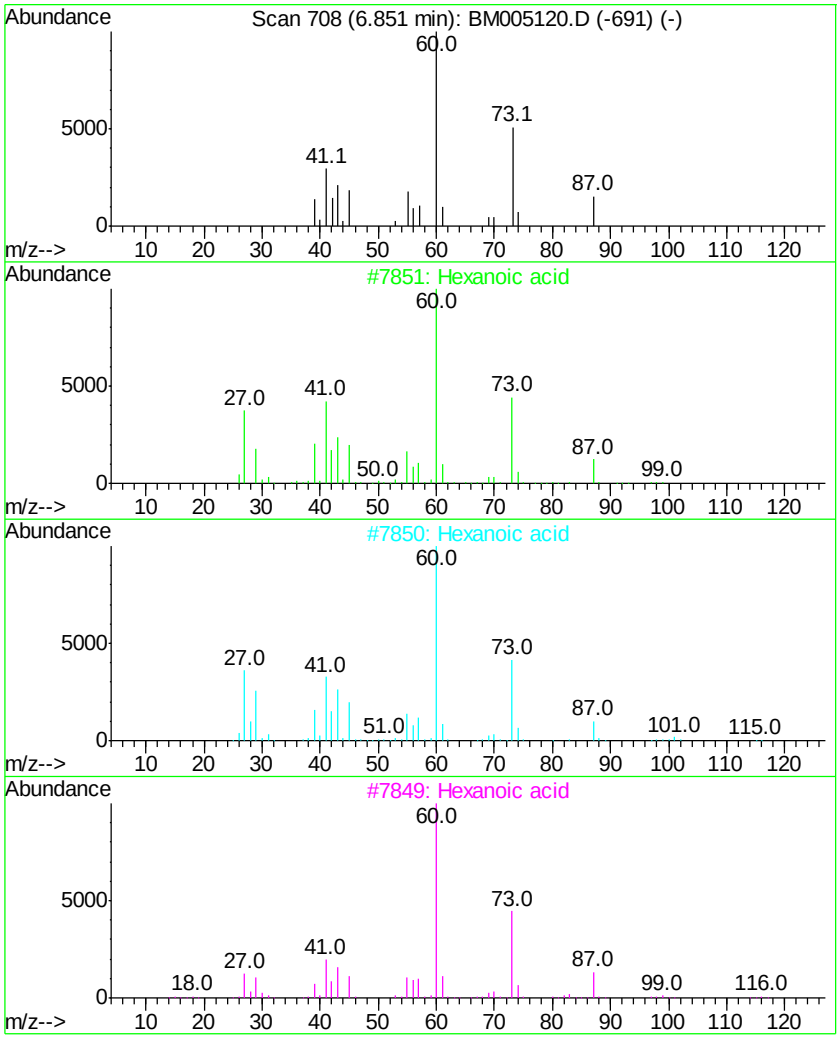
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

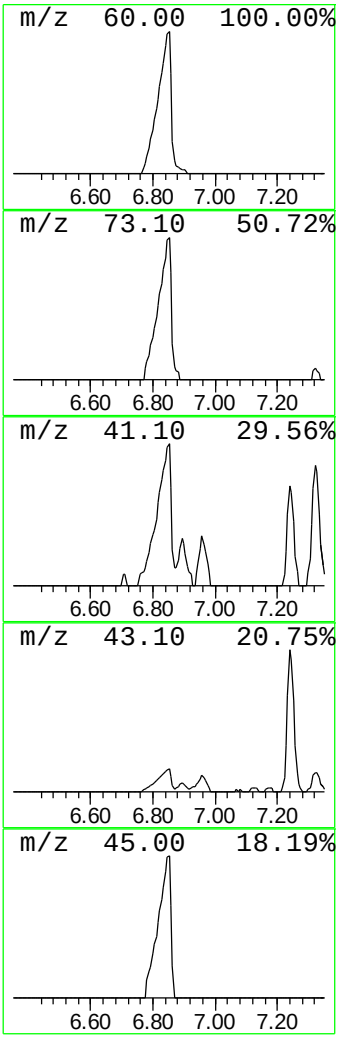
****

Peak Number 3 Hexanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	10.65 ng/ul	126120	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	90
2	Hexanoic acid	116	C6H12O2	000142-62-1	83
3	Hexanoic acid	116	C6H12O2	000142-62-1	83
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	64
5	Pentanoic acid	102	C5H10O2	000109-52-4	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

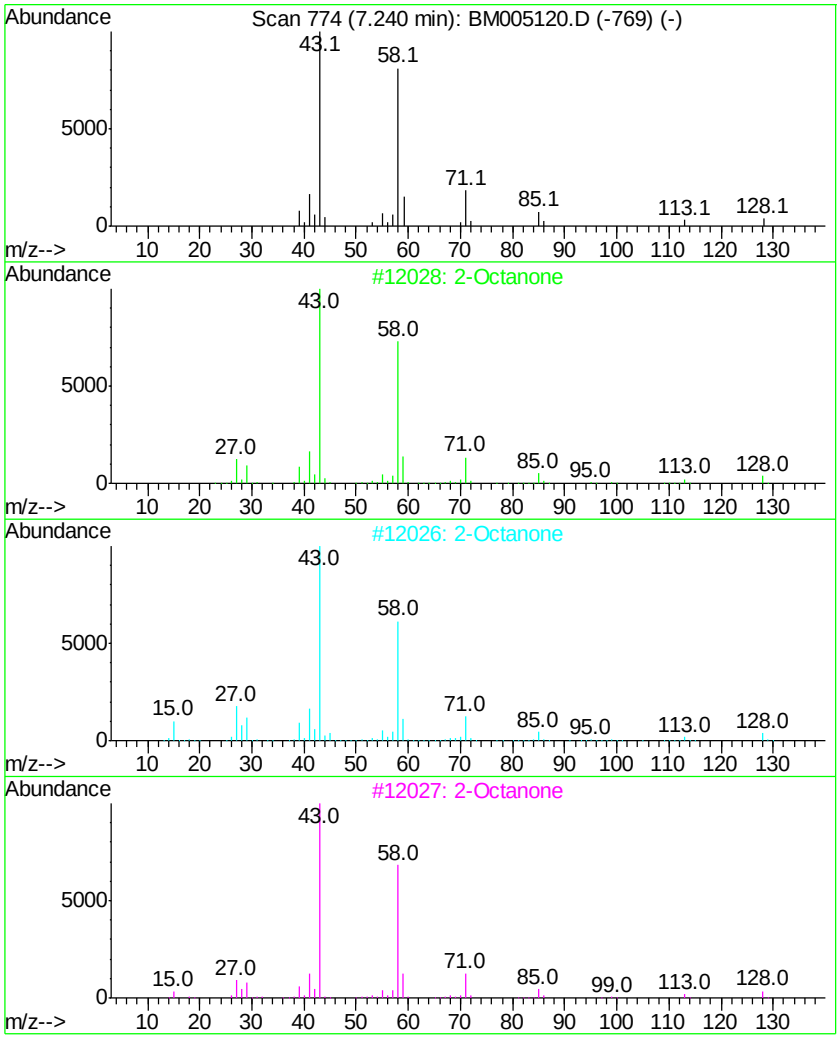
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

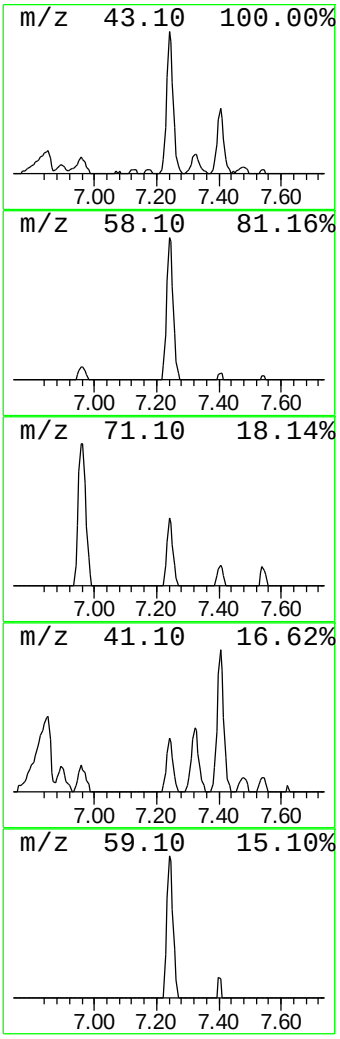
****

Peak Number 4 2-Octanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	5.65 ng/ul	66846	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanone	128	C8H16O	000111-13-7	91
2	2-Octanone	128	C8H16O	000111-13-7	91
3	2-Octanone	128	C8H16O	000111-13-7	91
4	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	90
5	2-Octanone	128	C8H16O	000111-13-7	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

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

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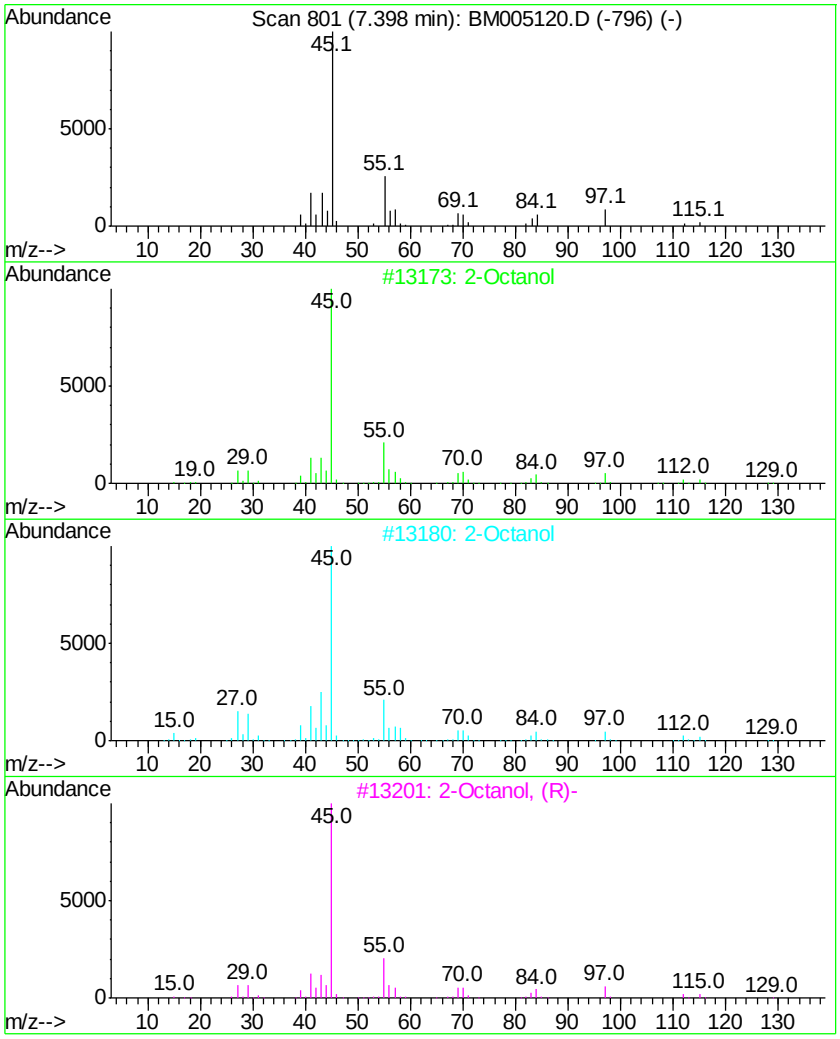
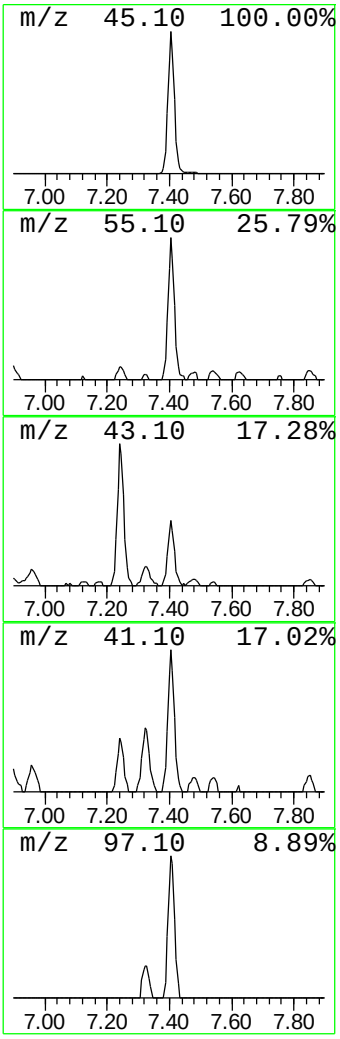
Peak Number 5 2-Octanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	13.10 ng/ul	155063	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanol	130	C8H18O	000123-96-6	83
2	2-Octanol	130	C8H18O	000123-96-6	83
3	2-Octanol, (R)-	130	C8H18O	005978-70-1	83
4	2-Octanol, (S)-	130	C8H18O	006169-06-8	83
5	2-Octanol, (R)-	130	C8H18O	005978-70-1	83





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

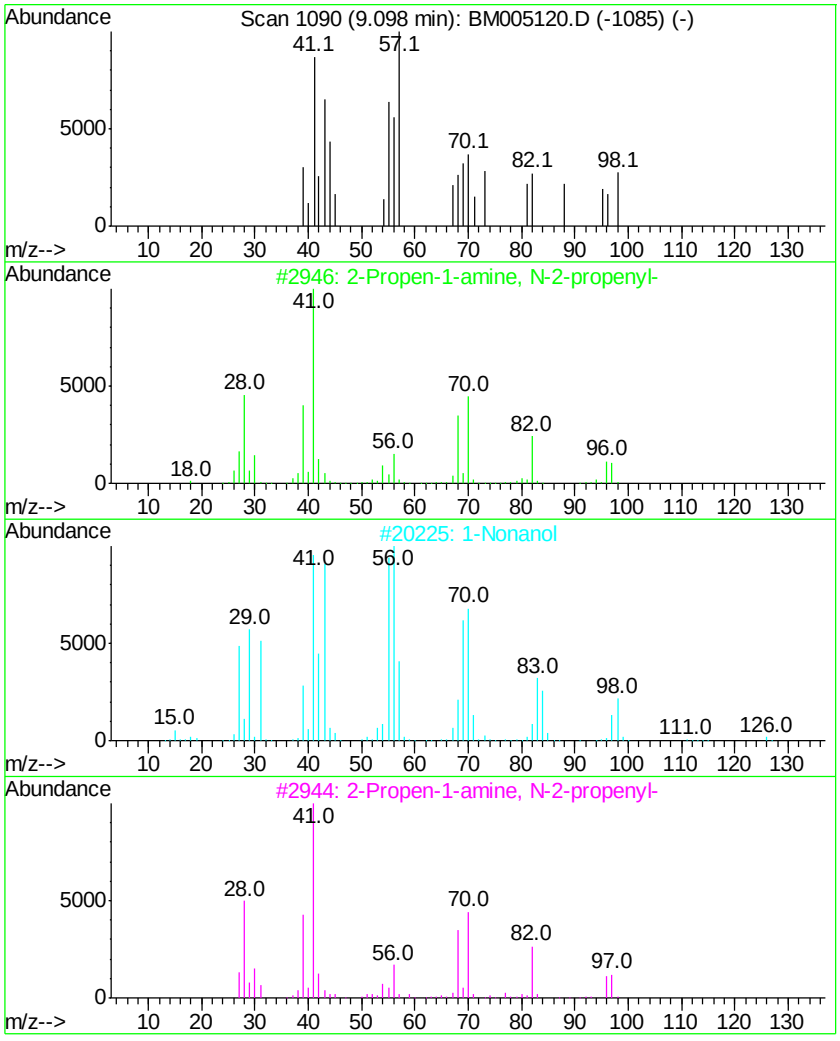
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

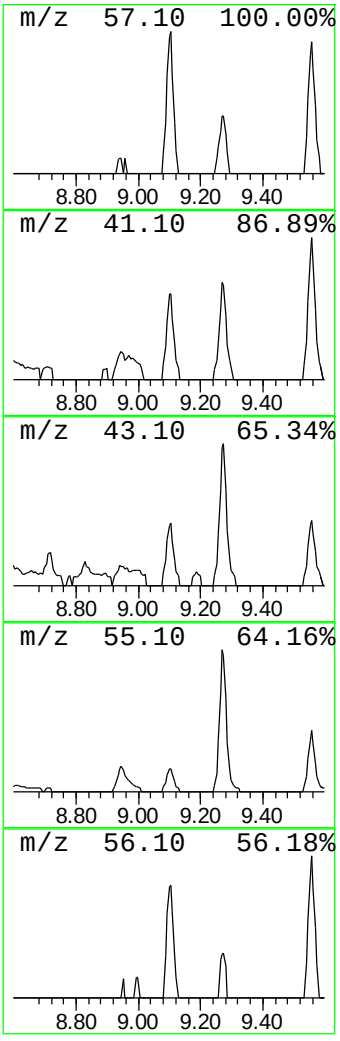
****

Peak Number 6 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	3.26 ng/ul	38550	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	22
2	1-Nonanol	144	C9H20O	000143-08-8	22
3	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	22
4	2-Heptene, (E)-	98	C7H14	014686-13-6	18
5	2-Heptene	98	C7H14	000592-77-8	18





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

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

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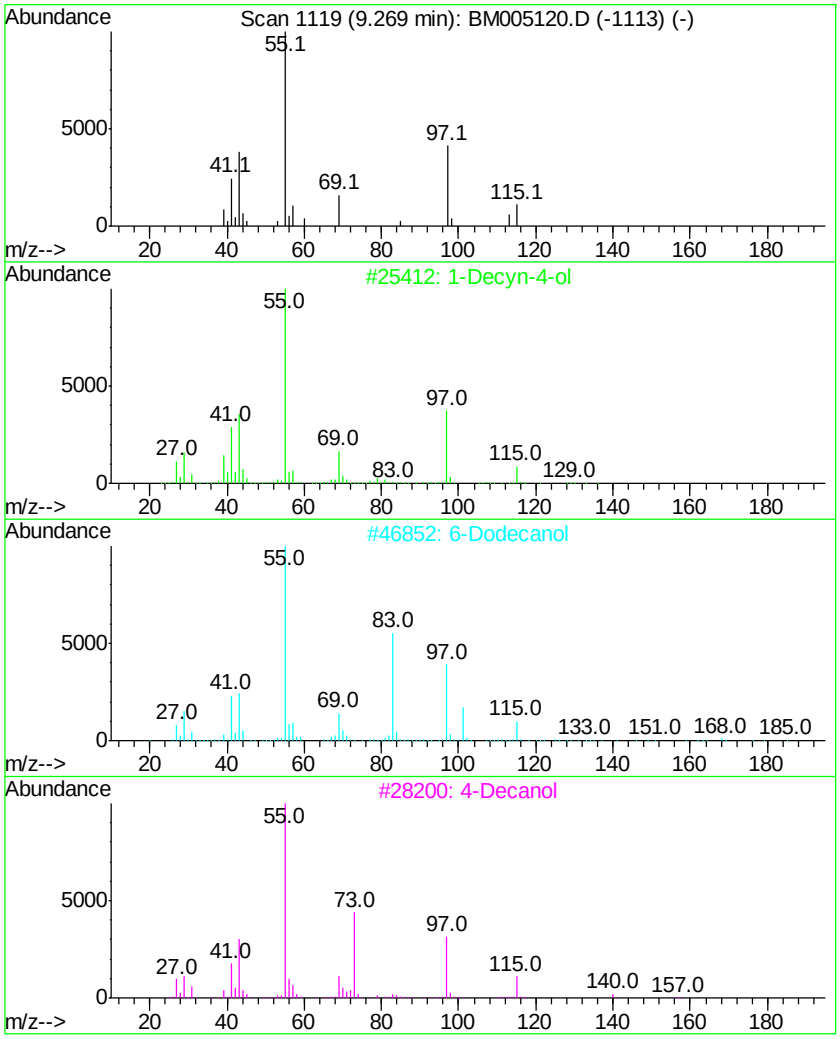
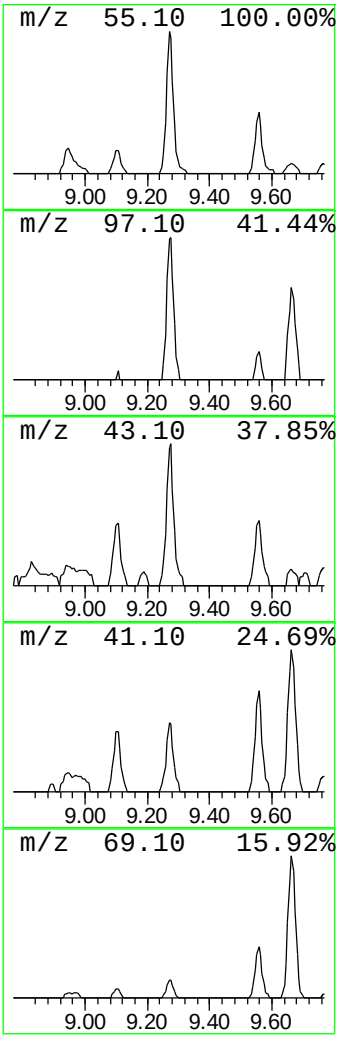
Peak Number 7 1-Decyn-4-ol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	3.07 ng/ul	55675	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decyn-4-ol	154	C10H18O	027907-00-2	72
2	6-Dodecanol	186	C12H26O	006836-38-0	56
3	4-Decanol	158	C10H22O	002051-31-2	56
4	4-Decanol	158	C10H22O	002051-31-2	53
5	3-Nonanol, 2-methyl-	158	C10H22O	026533-33-5	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

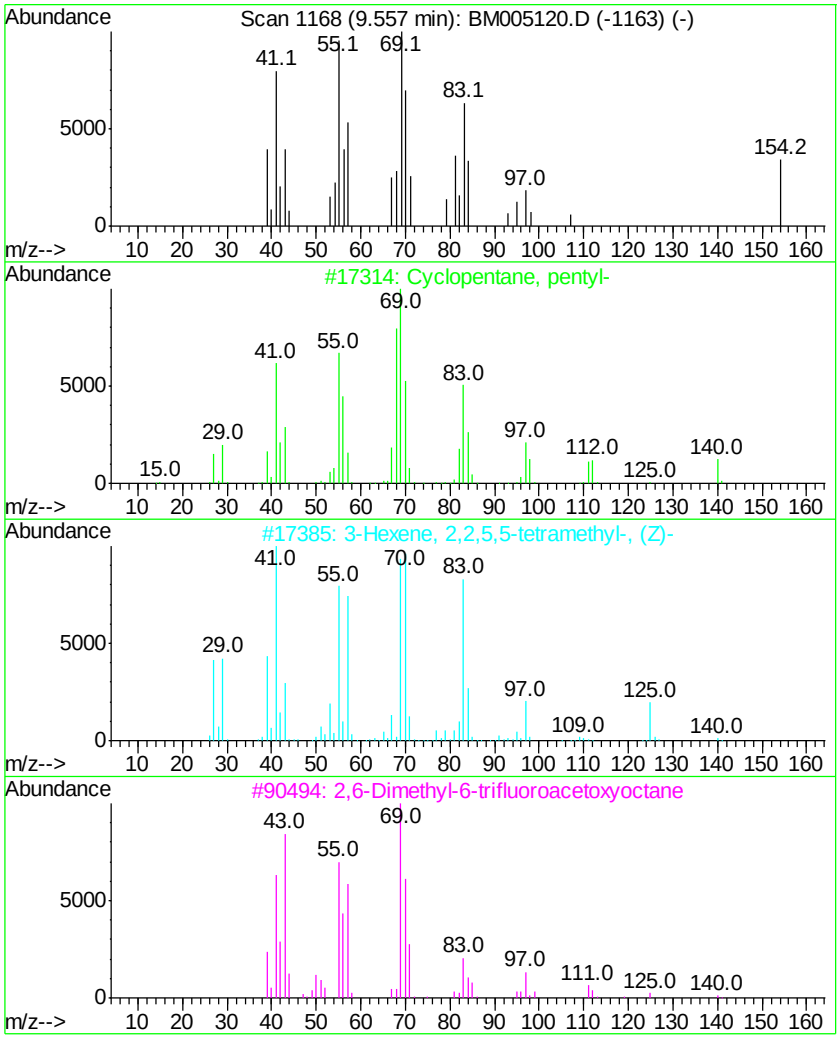
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

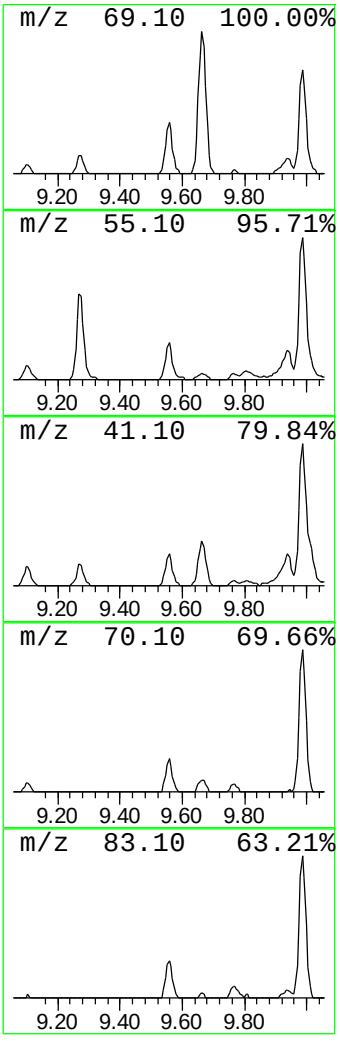
****

Peak Number 8 (DEL) Alkane: Cyclic-9.56 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	4.23 ng/ul	76847	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, pentyl-	140	C10H20	003741-00-2	59
2	3-Hexene, 2,2,5,5-tetramethyl-, ...	140	C10H20	000692-47-7	50
3	2,6-Dimethyl-6-trifluoroacetoxyo...	254	C12H21F3O2	061986-67-2	50
4	3-Undecene, (E)-	154	C11H22	001002-68-2	49
5	3-Undecene, (Z)-	154	C11H22	000821-97-6	49





Library Search Compound Report

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Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
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Instrument : BNA_M
ClientSampleId : BC7Q3

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Quant Title : SVOA CALIBRATION

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

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Peak Number 9 Octanoic Acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	6.45 ng/ul	117188	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic Acid	144	C8H16O2	000124-07-2	83
2	Octanoic Acid	144	C8H16O2	000124-07-2	83
3	Octanoic Acid	144	C8H16O2	000124-07-2	72
4	Heptanoic acid	130	C7H14O2	000111-14-8	53
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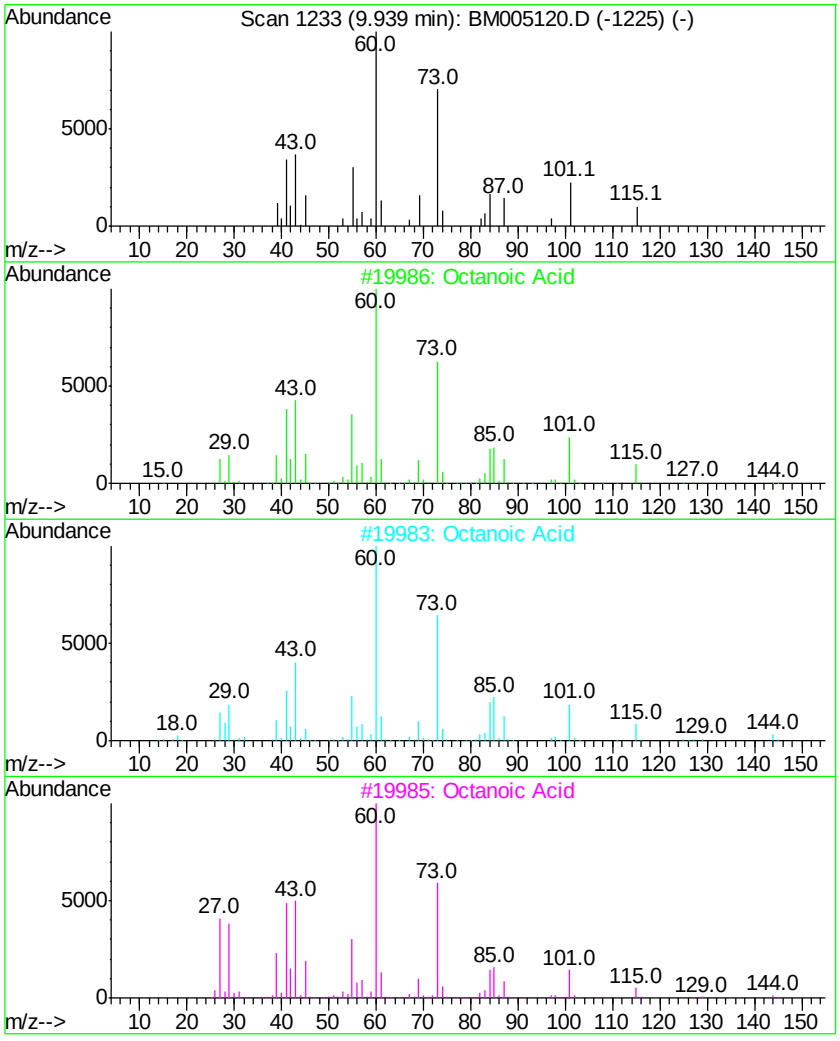

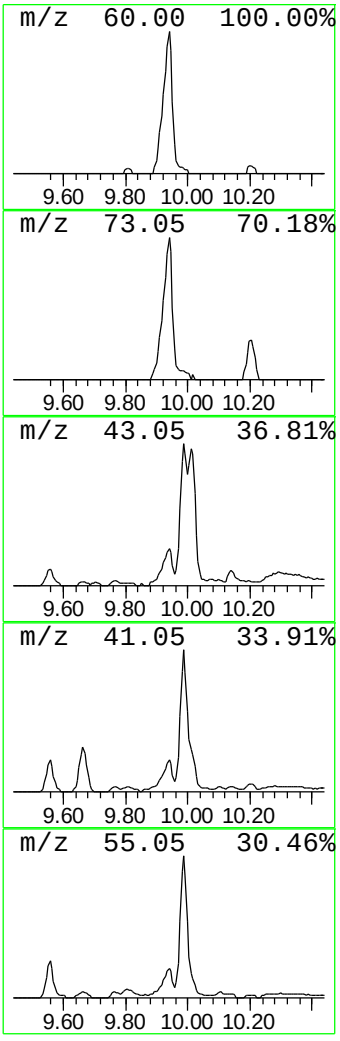

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Instrument : BNA_M
ClientSampleId : BC7Q3

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Quant Title : SVOA CALIBRATION

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

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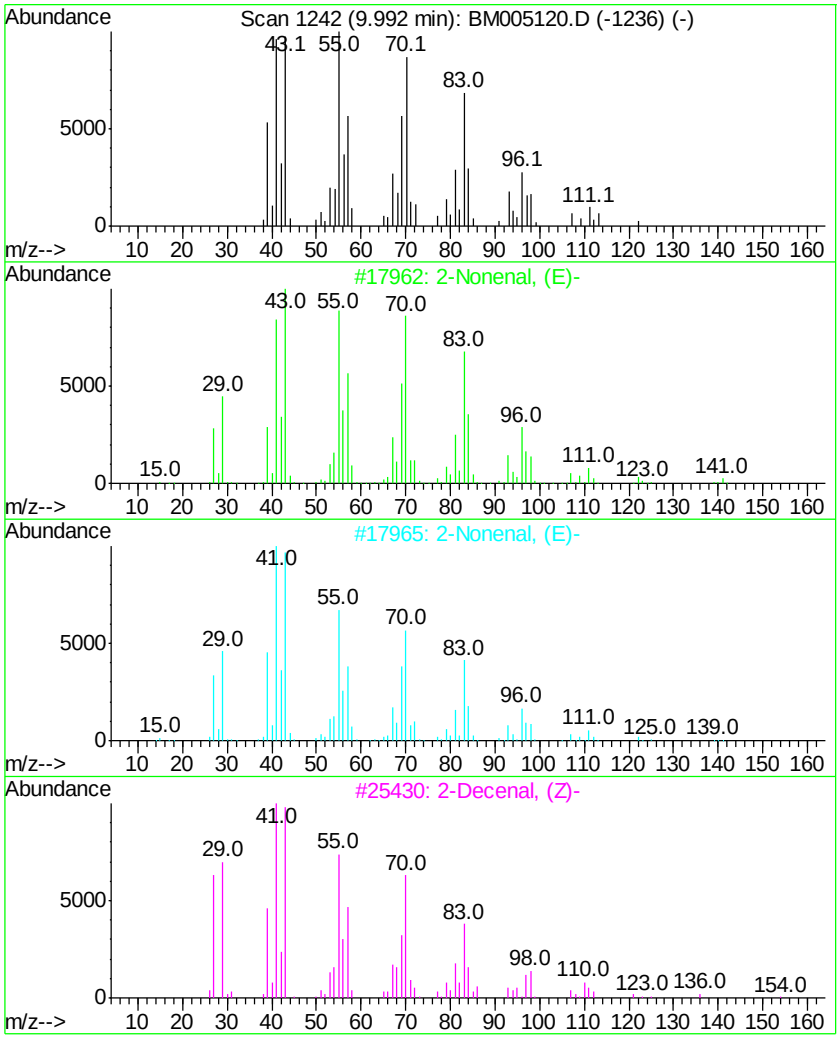
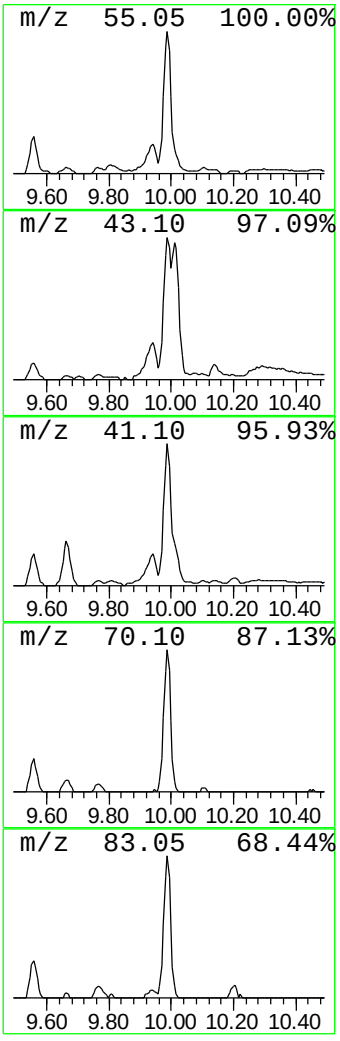
Peak Number 10 2-Nonenal, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	21.63 ng/ul	392861	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonenal, (E)-	140	C9H16O	018829-56-6	91
2	2-Nonenal, (E)-	140	C9H16O	018829-56-6	78
3	2-Decenal, (Z)-	154	C10H18O	002497-25-8	52
4	2-Methylene cyclopentanol	98	C6H10O	020461-31-8	43
5	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	43





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Misc :
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Instrument : BNA_M
ClientSampleId : BC7Q3

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Quant Title : SVOA CALIBRATION

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

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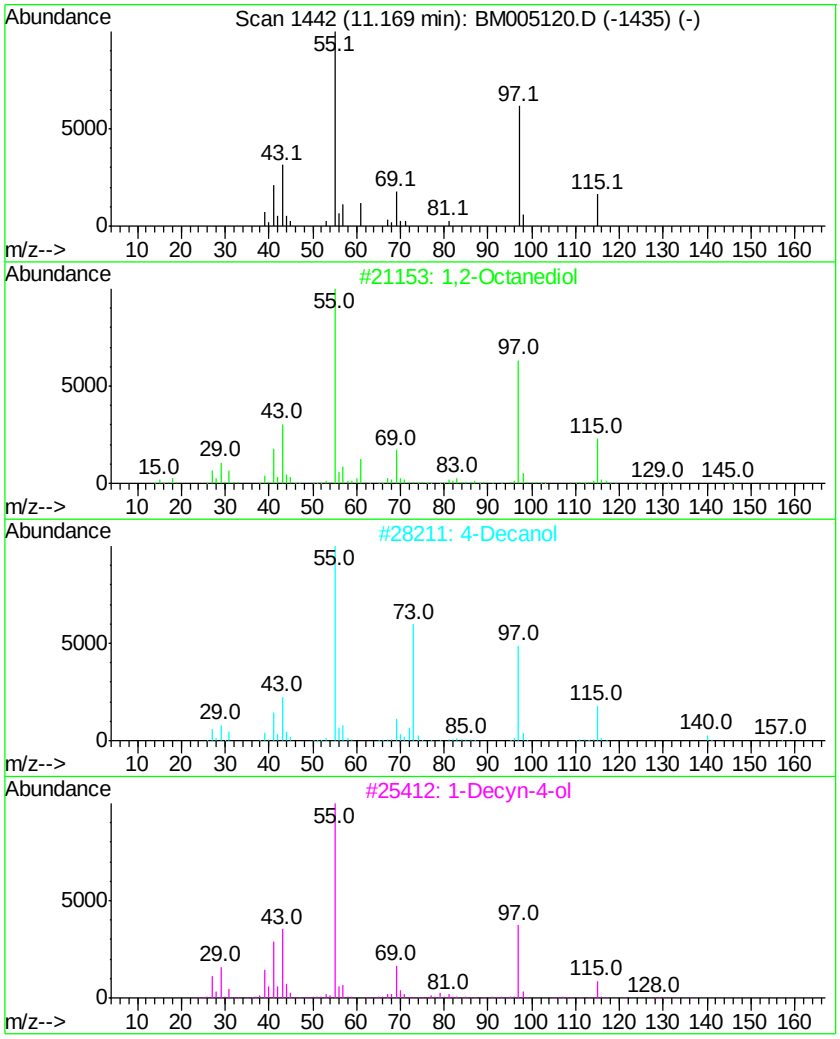
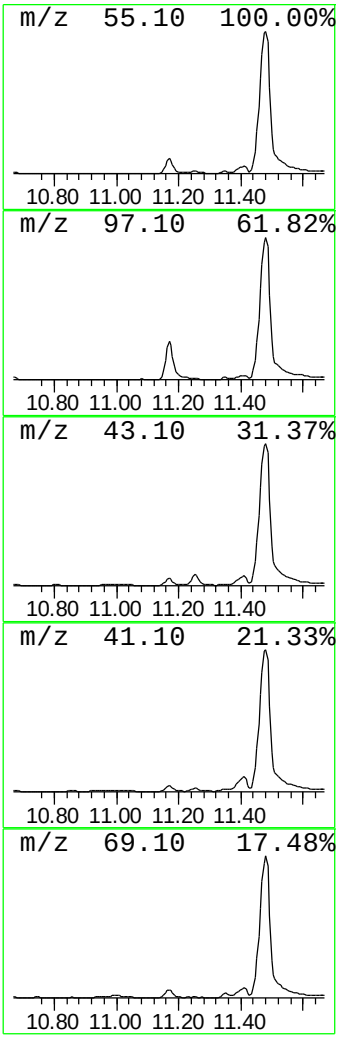
Peak Number 11 1,2-Octanediol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	4.57 ng/ul	83045	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Octanediol	146	C8H18O2	001117-86-8	56
2	4-Decanol	158	C10H22O	002051-31-2	56
3	1-Decyn-4-ol	154	C10H18O	027907-00-2	50
4	3-Nonanol, 2-methyl-	158	C10H22O	026533-33-5	50
5	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	50





Library Search Compound Report

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Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

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Quant Title : SVOA CALIBRATION

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

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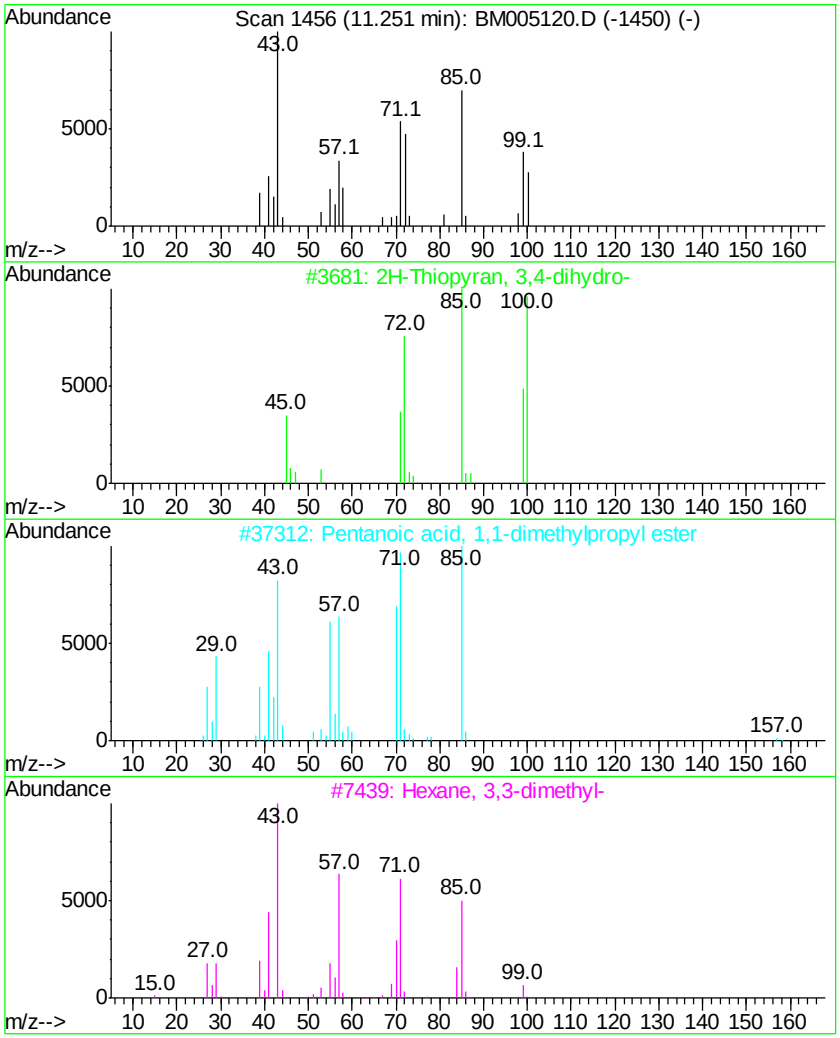
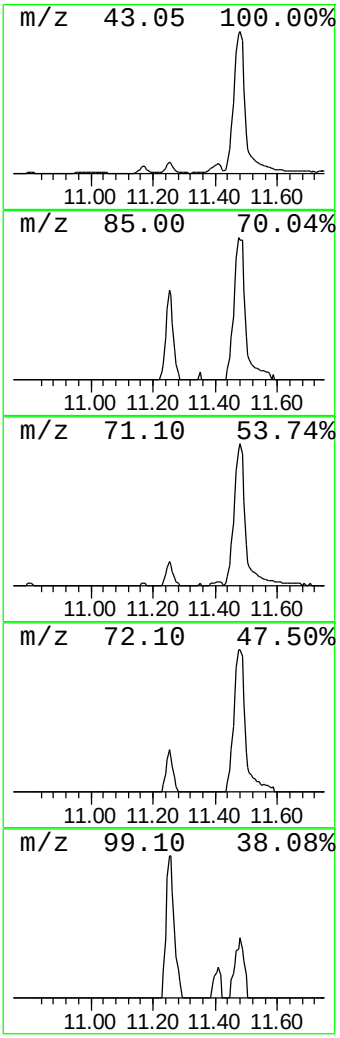
Peak Number 12 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	3.37 ng/ul	61113	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Thiopyran, 3,4-dihydro-	100	C5H8S	013042-80-3	47
2	Pentanoic acid, 1,1-dimethylprop...	172	C10H20O2	117421-32-6	25
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	25
4	Octane, 4-methyl-	128	C9H20	002216-34-4	25
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	22





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Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

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Quant Title : SVOA CALIBRATION

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

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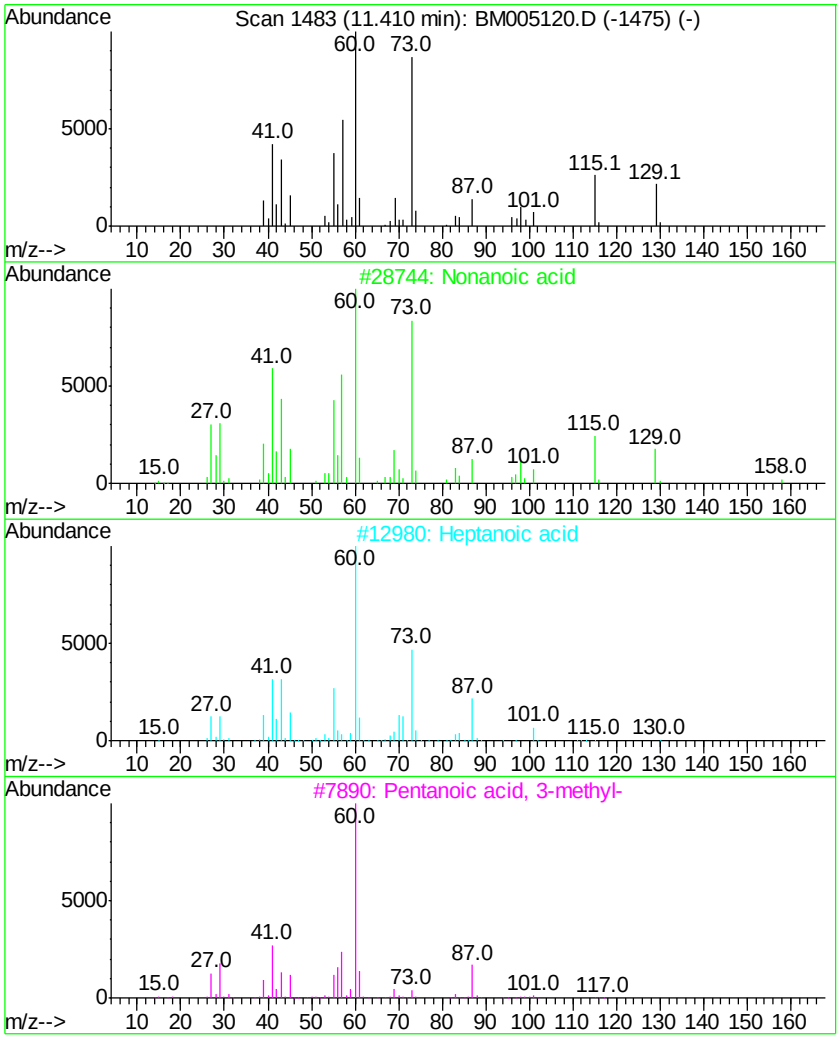
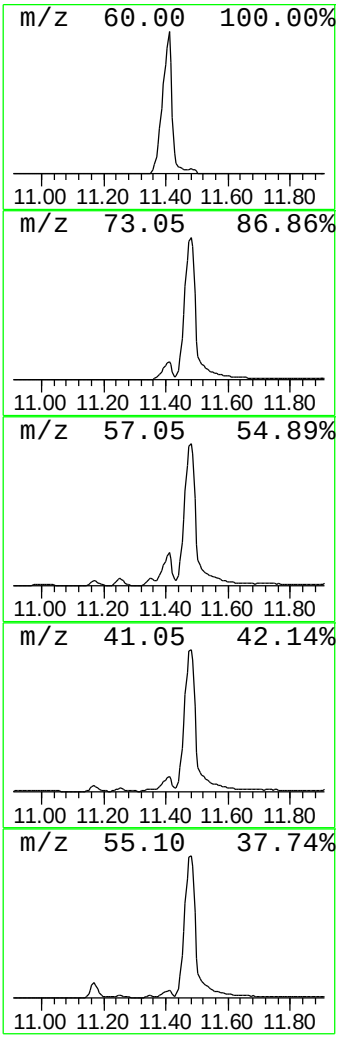
Peak Number 13 Nonanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	11.02 ng/ul	200175	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	86
2	Heptanoic acid	130	C7H14O2	000111-14-8	43
3	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43
4	Octanoic Acid	144	C8H16O2	000124-07-2	42
5	Heptanoic acid	130	C7H14O2	000111-14-8	40





Library Search Compound Report

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Sample : H2639-03
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Instrument : BNA_M
ClientSampleId : BC7Q3

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Quant Title : SVOA CALIBRATION

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

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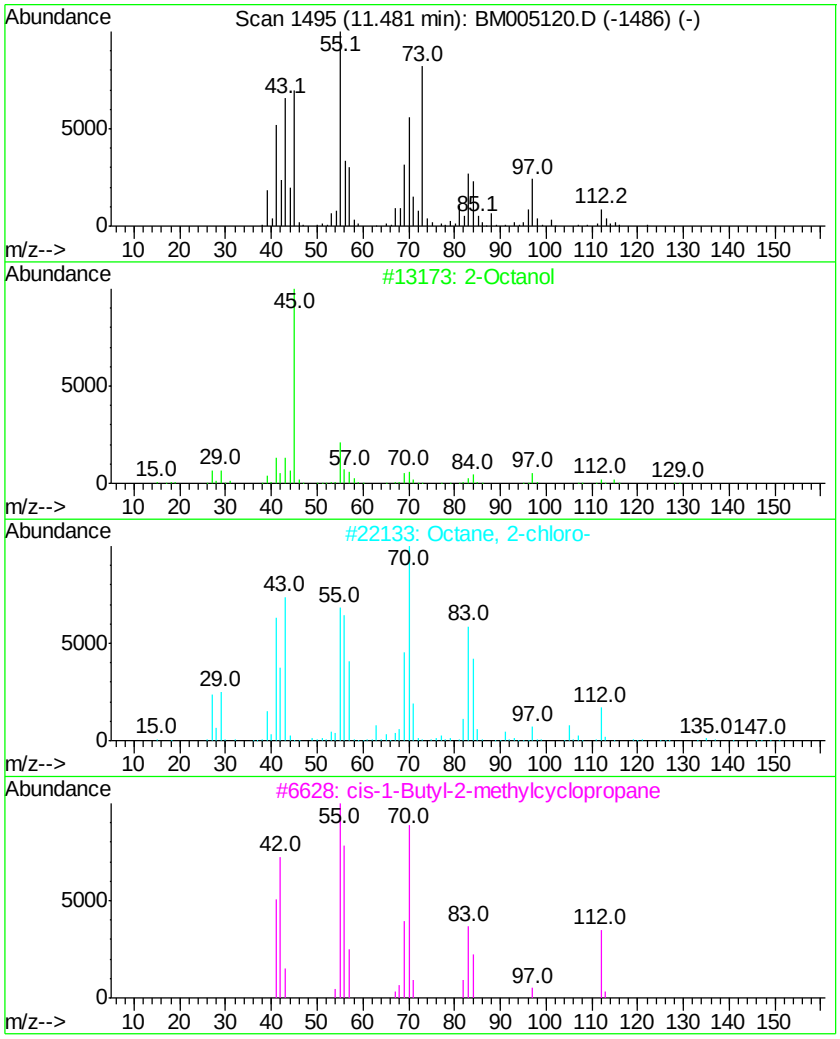
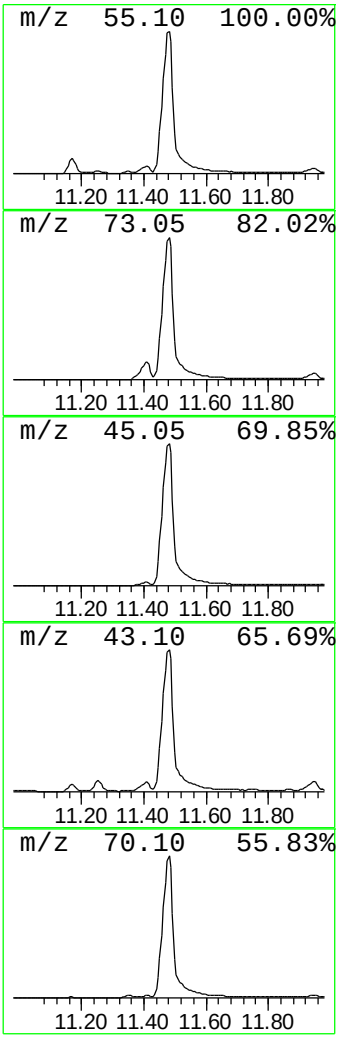
Peak Number 14 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	163.14 ng/ul	2962670	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanol	130	C8H18O	000123-96-6	43
2	Octane, 2-chloro-	148	C8H17Cl	000628-61-5	38
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	38
4	Octane, 4-chloro-	148	C8H17Cl	000999-07-5	38
5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	38





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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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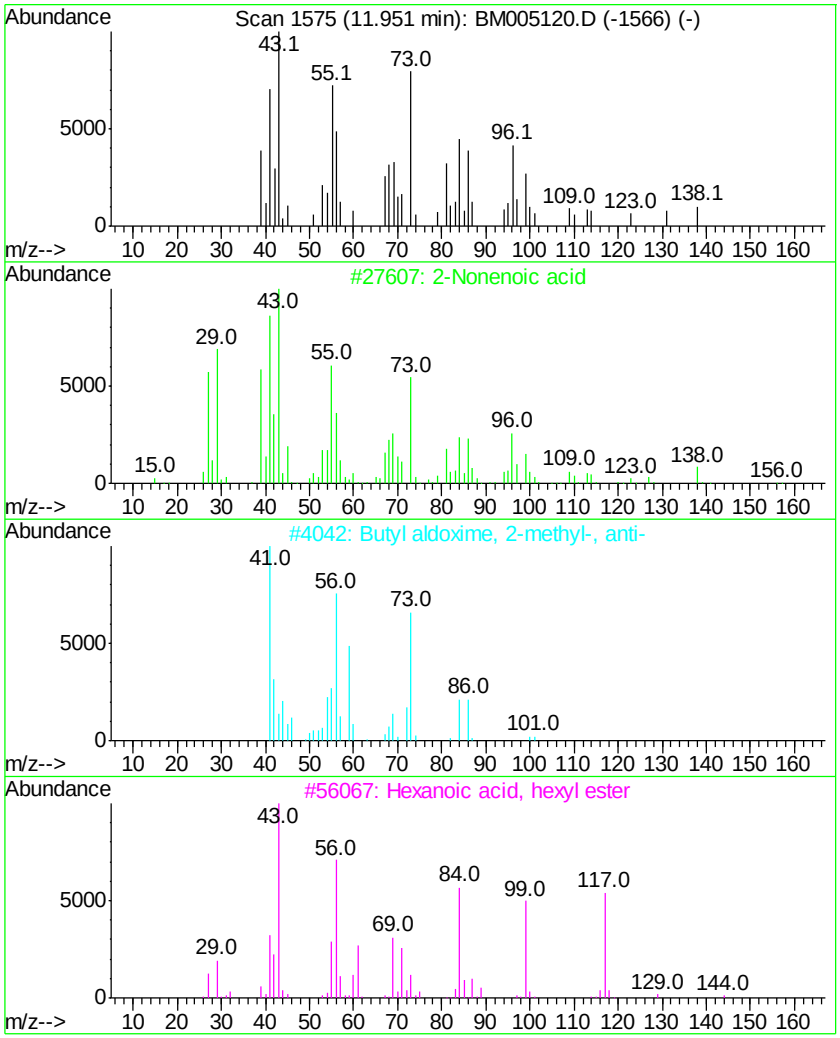
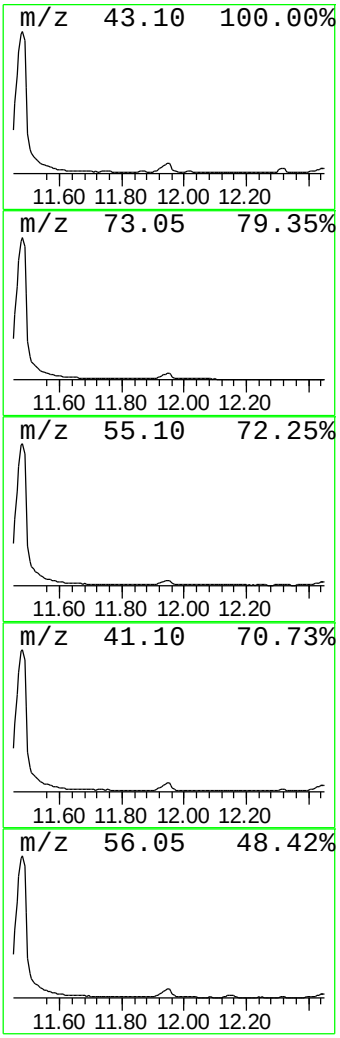
Peak Number 15 2-Nonenoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	7.42 ng/ul	134837	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonenoic acid	156	C9H16O2	003760-11-0	78
2	Butyl aldoxime, 2-methyl-, anti-	101	C5H11NO	049805-55-2	38
3	Hexanoic acid, hexyl ester	200	C12H24O2	006378-65-0	35
4	2-Hexene	84	C6H12	000592-43-8	22
5	2-Heptenoic acid	128	C7H12O2	018999-28-5	22





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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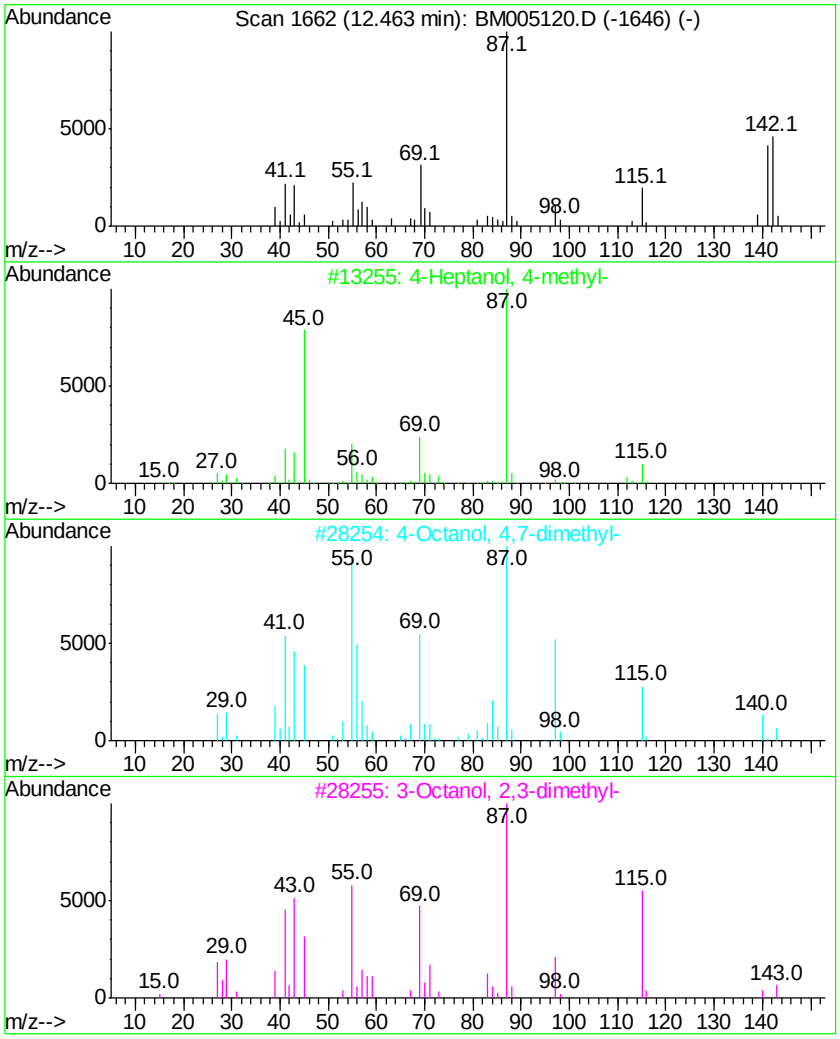
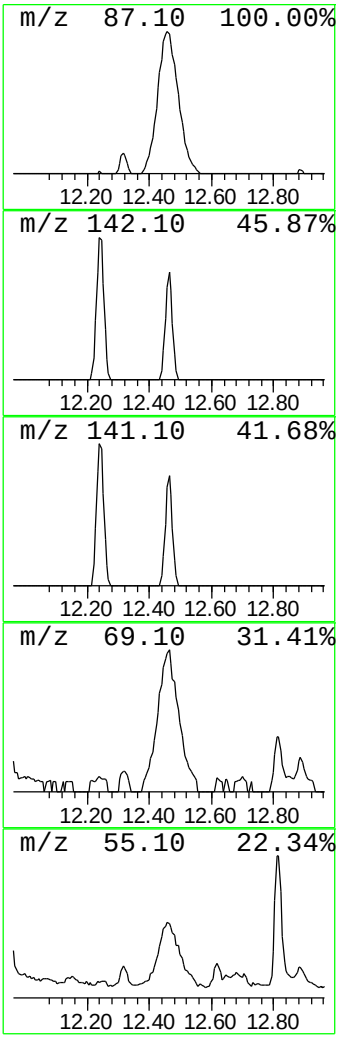
Peak Number 16 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	14.18 ng/ul	257425	Naphthalene-d8	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanol, 4-methyl-	130	C8H18O	000598-01-6	25
2	4-Octanol, 4,7-dimethyl-	158	C10H22O	019781-13-6	23
3	3-Octanol, 2,3-dimethyl-	158	C10H22O	019781-10-3	23
4	4-Nonanol, 4-methyl-	158	C10H22O	023418-38-4	22
5	4-Heptanol, 4-methyl-	130	C8H18O	000598-01-6	17





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Instrument : BNA_M
ClientSampleId : BC7Q3

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Quant Title : SVOA CALIBRATION

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

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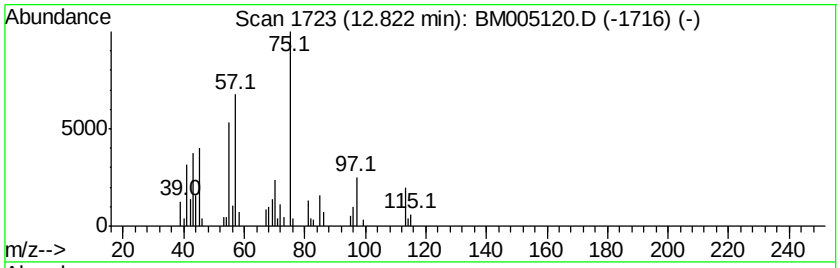
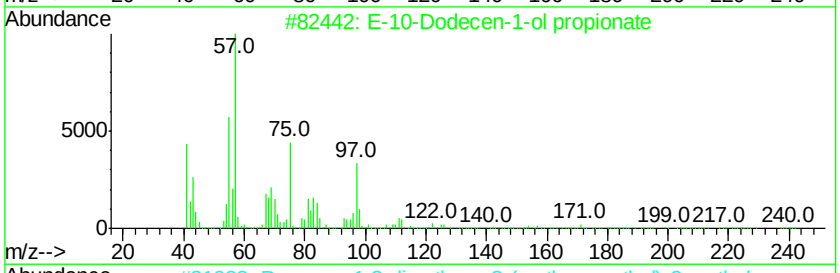
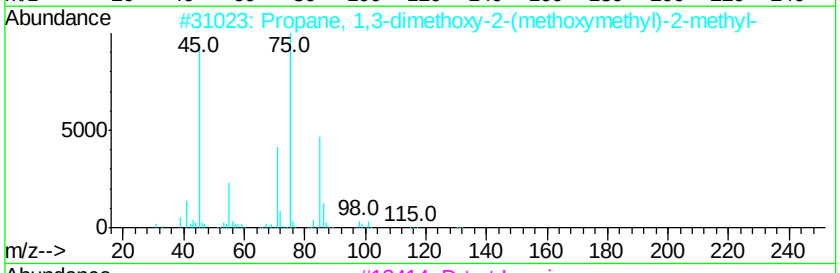
Peak Number 17 unknown-05 Concentration Rank 16

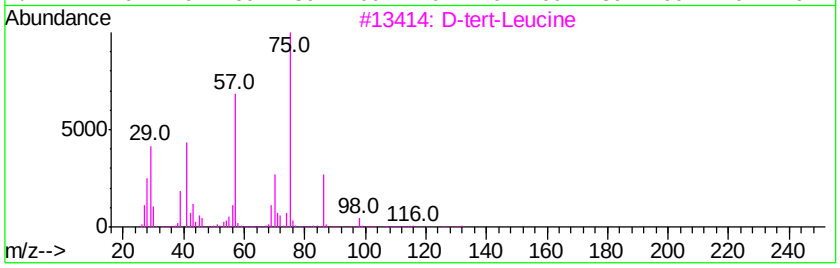
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	4.63 ng/ul	125543	Acenaphthene-d10	14.43

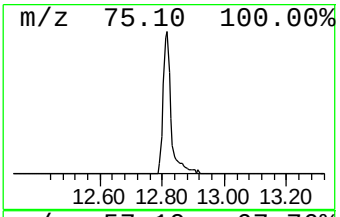
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-10-Dodecen-1-ol propionate	240	C15H28O2	1000130-97-6	33
2	Propane, 1,3-dimethoxy-2-(methox...	162	C8H18O3	015476-20-7	17
3	D-tert-Leucine	131	C6H13NO2	026782-71-8	14
4	1,3-Pentanediol, 2-methyl-, 1-pr...	174	C9H18O3	055109-53-0	12
5	2-Propenoic acid	72	C3H4O2	000079-10-7	10

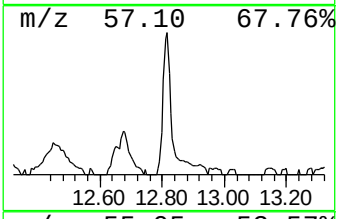


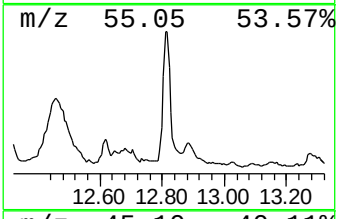


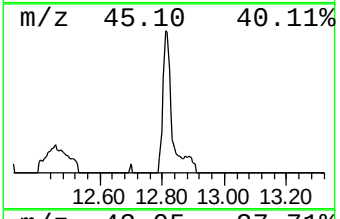


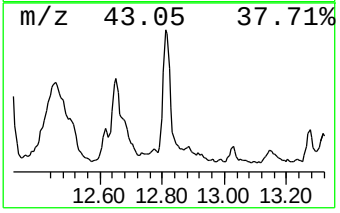












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Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

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Quant Title : SVOA CALIBRATION

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

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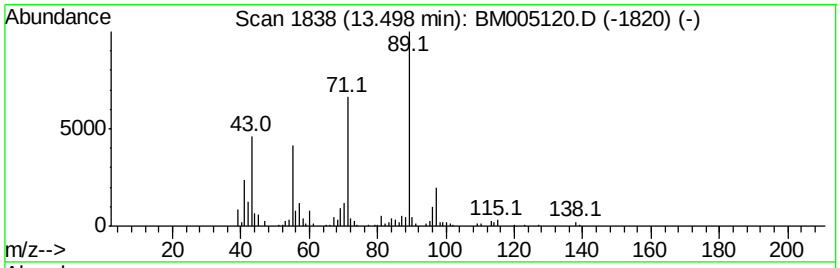
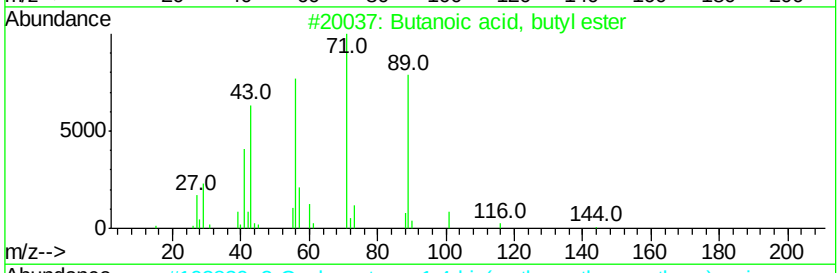
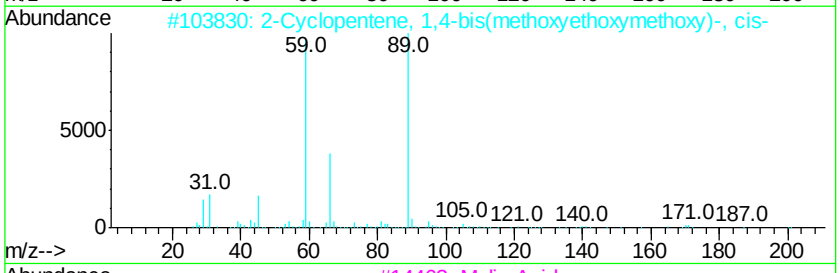
Peak Number 18 Butanoic acid, butyl ester Concentration Rank 3

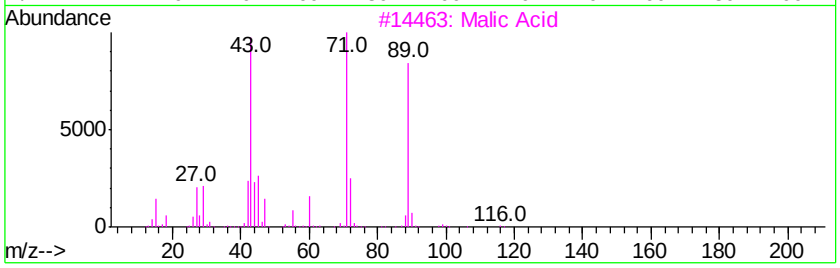
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	38.66 ng/ul	1048360	Acenaphthene-d10	14.43

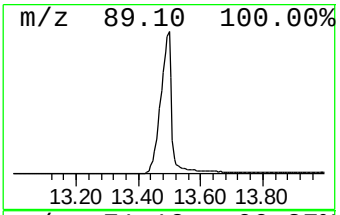
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	72
2	2-Cyclopentene, 1,4-bis(methoxye...	276	C13H24O6	1000156-00-3	45
3	Malic Acid	134	C4H6O5	006915-15-7	40
4	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	39
5	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	9

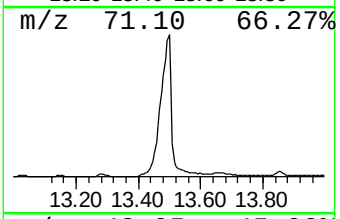


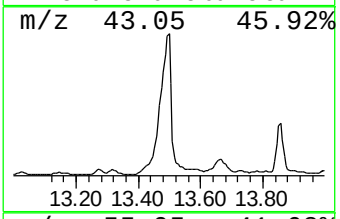


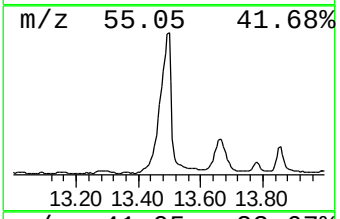


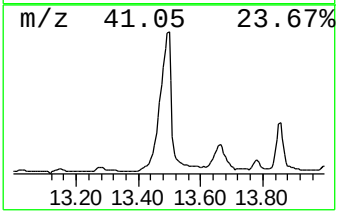












Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

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

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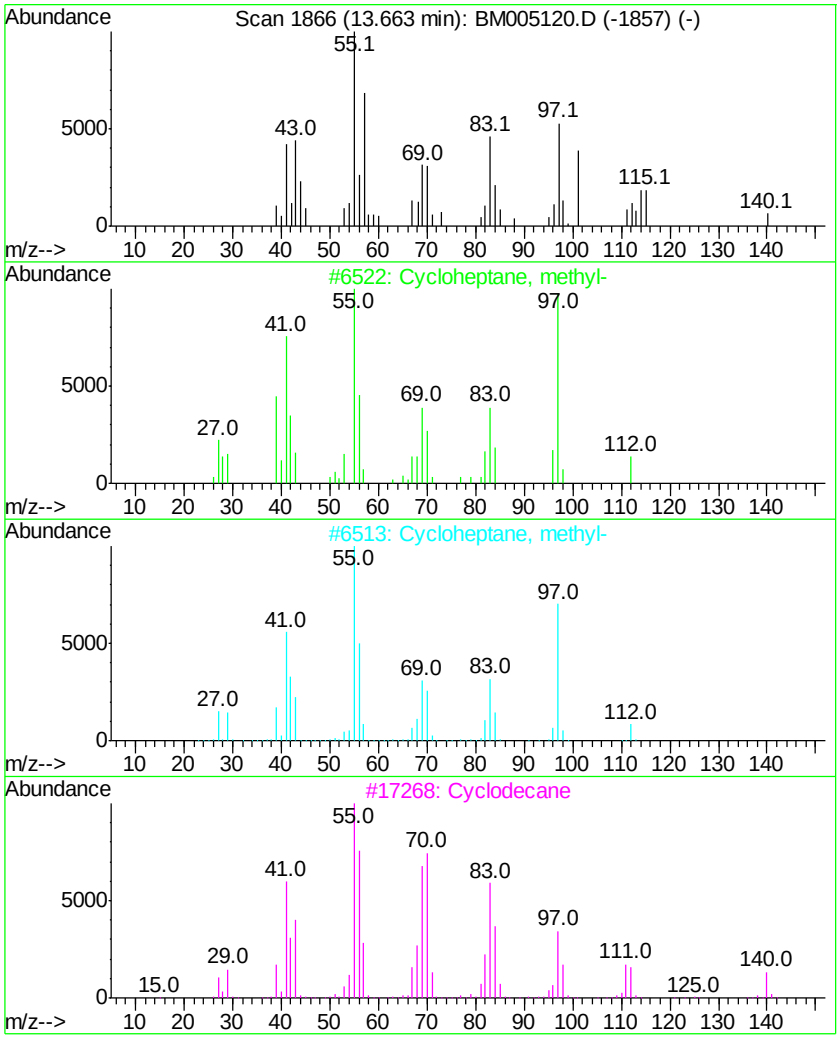
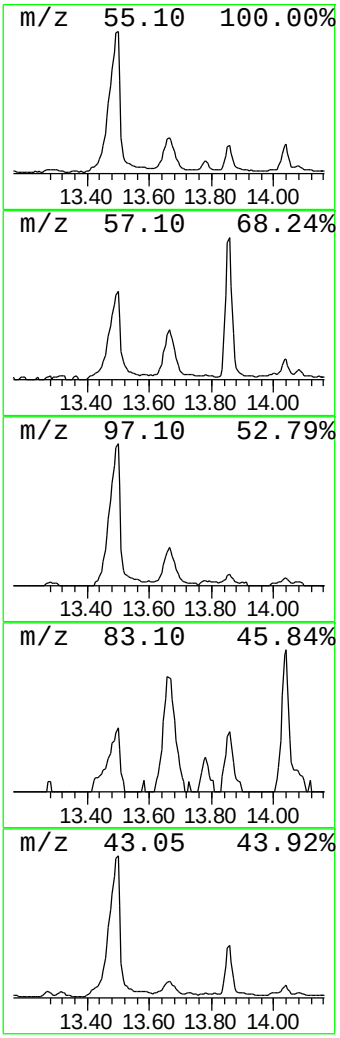
Peak Number 19 (DEL) Alkane: Cyclic-13.66 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	5.61 ng/ul	152047	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	46
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	41
3	Cyclodecane	140	C10H20	000293-96-9	38
4	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	30
5	2-Cyclohexen-1-ol, 1-methyl-	112	C7H12O	023758-27-2	30





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

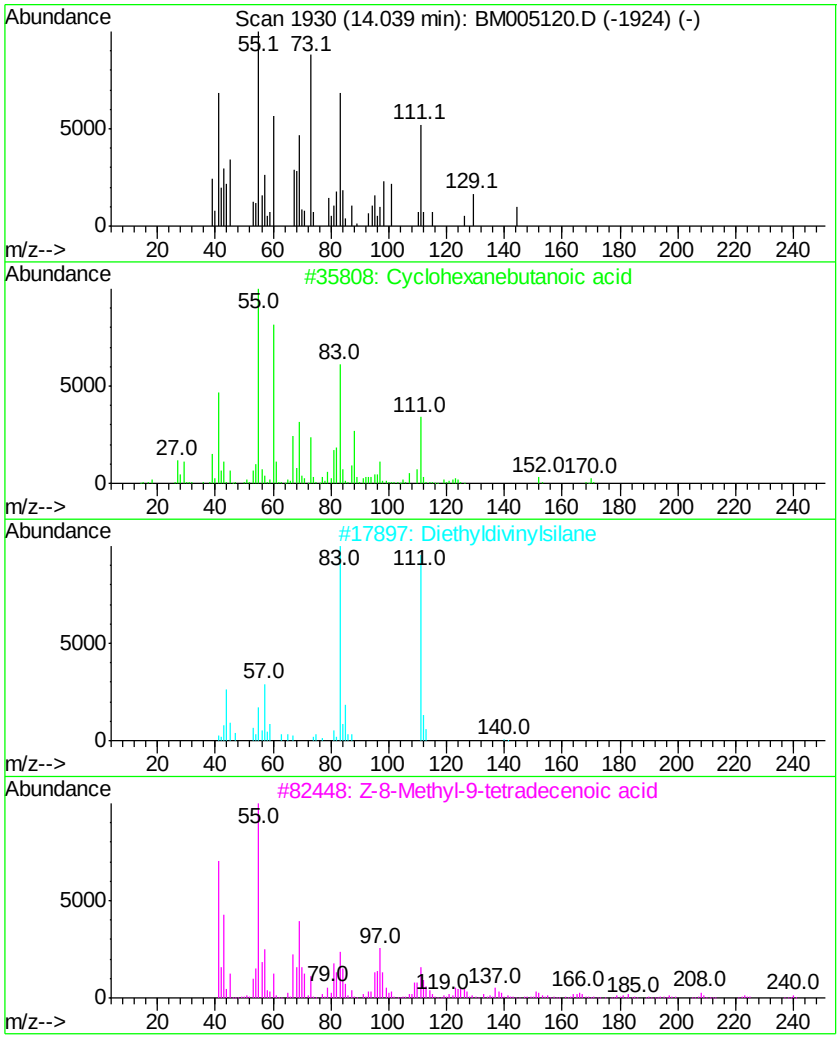
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

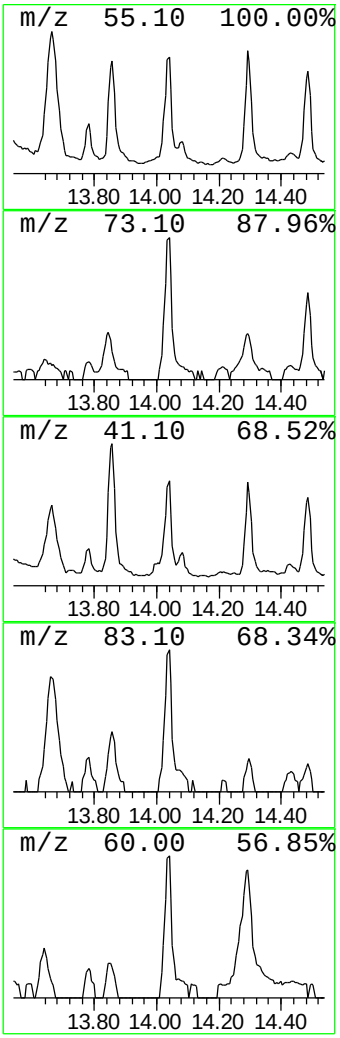
****

Peak Number 20 unknown-06 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	3.36 ng/ul	91097	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanebutanoic acid	170	C10H18O2	004441-63-8	43
2	Diethyldivinylsilane	140	C8H16Si	018270-16-1	22
3	Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	22
4	Furan, 2,5-dihydro-2,5-dimethyl-	98	C6H10O	059242-27-2	18
5	3-Pentenal, 4-methyl-	98	C6H10O	005362-50-5	11





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

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

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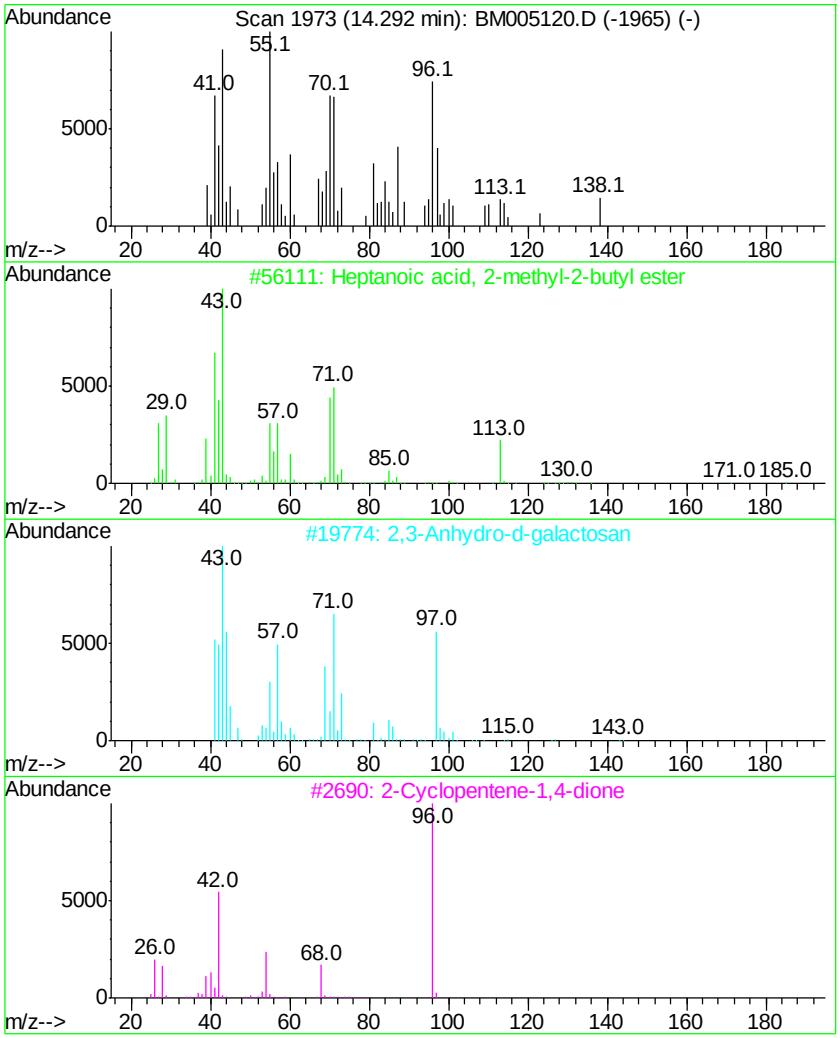
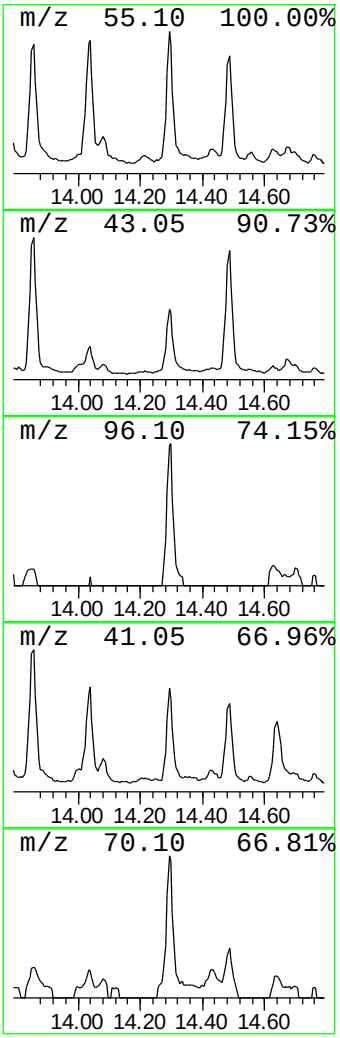
Peak Number 21 unknown-07 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	4.80 ng/ul	130124	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid, 2-methyl-2-butyl...	200	C12H24O2	1000160-11-4	35
2	2,3-Anhydro-d-galactosan	144	C6H8O4	1000129-98-9	27
3	2-Cyclopentene-1,4-dione	96	C5H4O2	000930-60-9	25
4	Muscimol	114	C4H6N2O2	002763-96-4	22
5	3-Dimethylaminoacrylonitrile	96	C5H8N2	002407-68-3	22





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

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

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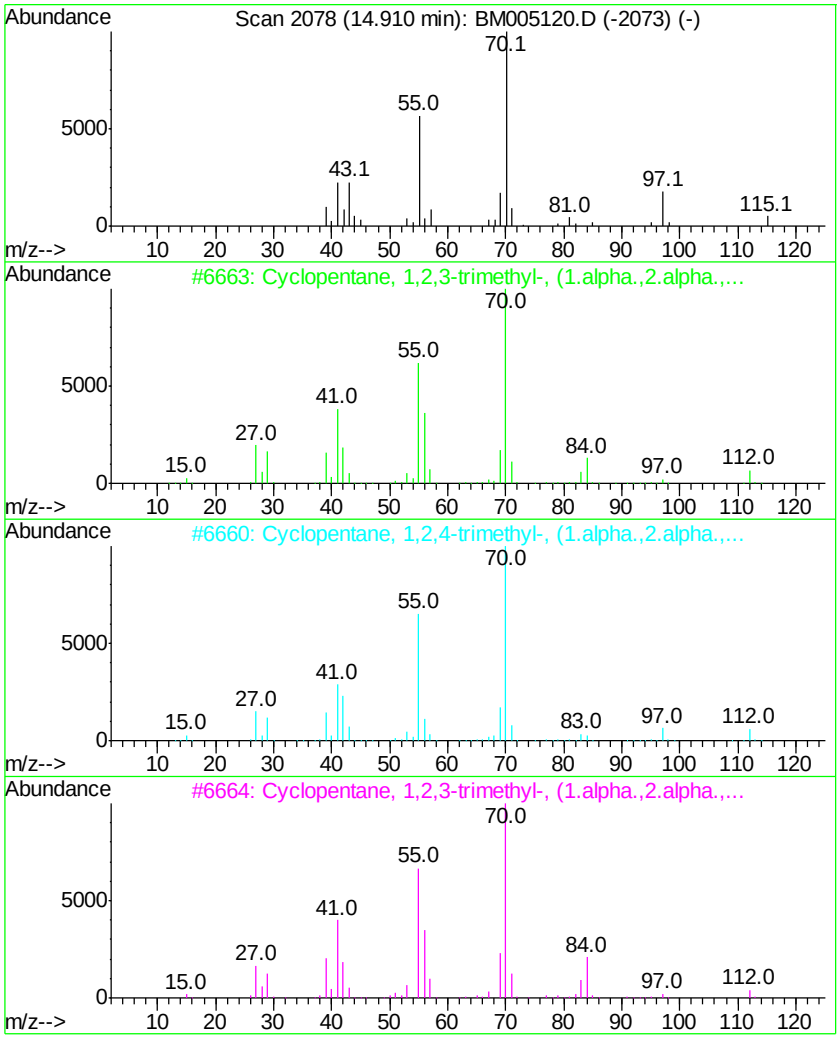
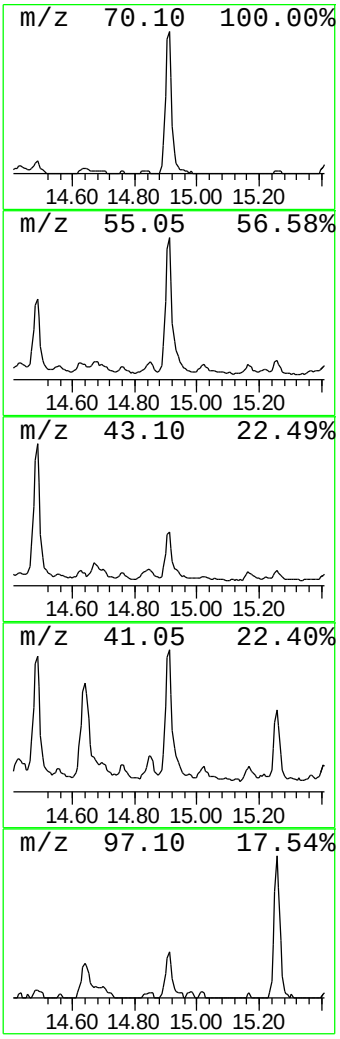
Peak Number 22 (DEL) Alkane: Cyclic-14.91 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.82 ng/ul	103706	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	50
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	50
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	50
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	50
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

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

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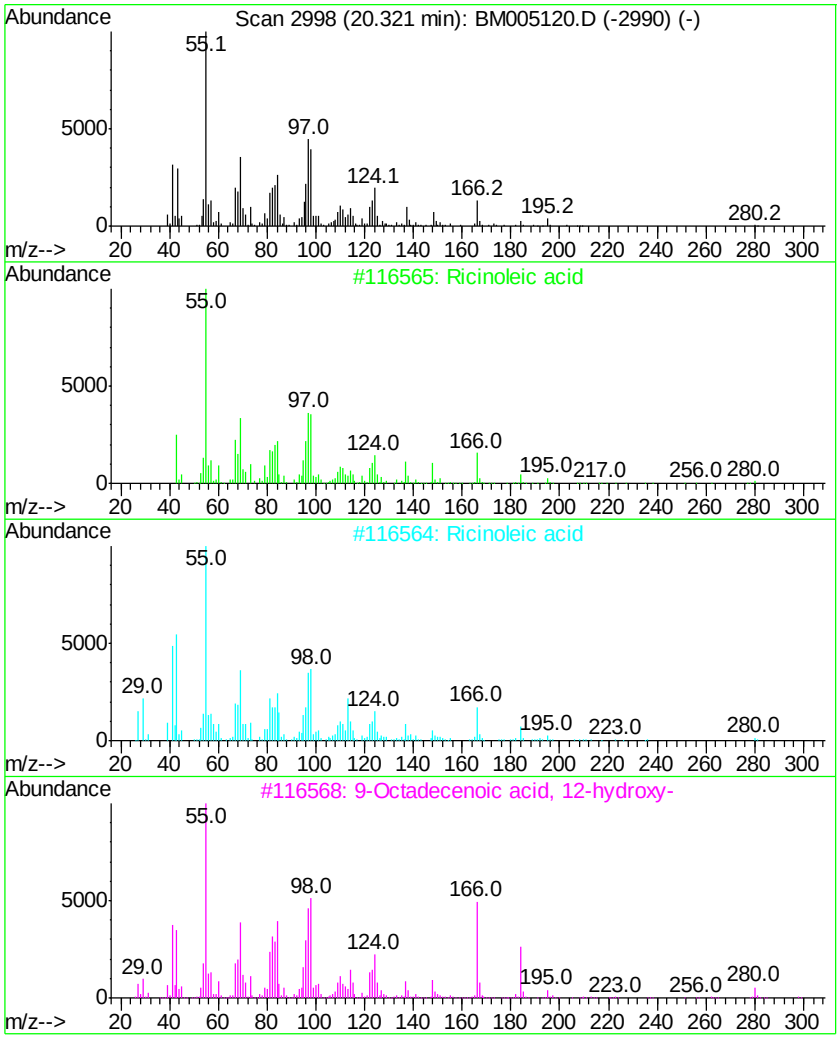
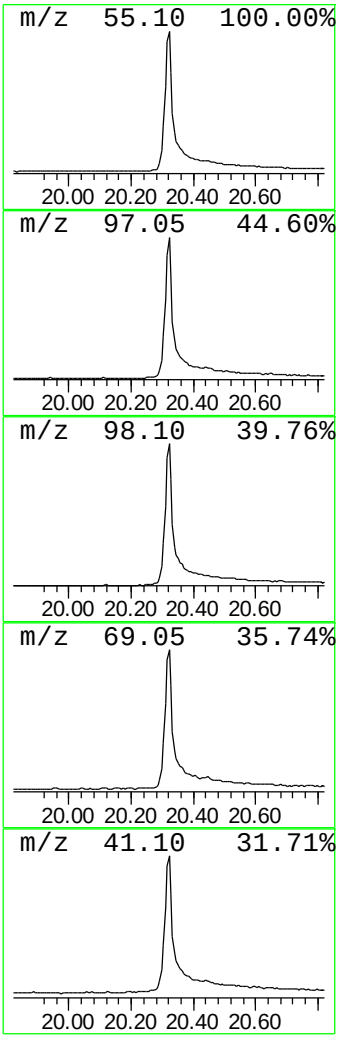
Peak Number 23 Ricinoleic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	38.96 ng/ul	1366680	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ricinoleic acid	298	C18H34O3	000141-22-0	91
2	Ricinoleic acid	298	C18H34O3	000141-22-0	87
3	9-Octadecenoic acid, 12-hydroxy-	298	C18H34O3	007431-95-0	68
4	Methyl ricinoleate	312	C19H36O3	000141-24-2	58
5	Ricinoleic acid	298	C18H34O3	000141-22-0	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042816\
Data File : BM005120.D
Acq On : 28 Apr 2016 19:03
Operator : UM/SJ
Sample : H2639-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Q3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA 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
Hexanal	4.37	8.0	ng/ul	95115	1	7.79	236781	20.0
Heptanal	5.86	13.7	ng/ul	161792	1	7.79	236781	20.0
Hexanoic acid	6.85	10.7	ng/ul	126120	1	7.79	236781	20.0
2-Octanone	7.24	5.7	ng/ul	66846	1	7.79	236781	20.0
2-Octanol	7.40	13.1	ng/ul	155063	1	7.79	236781	20.0
unknown-01	9.10	3.3	ng/ul	38550	1	7.79	236781	20.0
1-Decyn-4-ol	9.27	3.1	ng/ul	55675	2	10.58	363208	20.0
(DEL) Alkane: Cyc...	9.56	4.2	ng/ul	76847	2	10.58	363208	20.0
Octanoic Acid	9.94	6.5	ng/ul	117188	2	10.58	363208	20.0
2-Nonenal, (E)-	9.99	21.6	ng/ul	392861	2	10.58	363208	20.0
1,2-Octanediol	11.17	4.6	ng/ul	83045	2	10.58	363208	20.0
unknown-02	11.25	3.4	ng/ul	61113	2	10.58	363208	20.0
Nonanoic acid	11.41	11.0	ng/ul	200175	2	10.58	363208	20.0
unknown-03	11.48	163.1	ng/ul	2962670	2	10.58	363208	20.0
2-Nonenoic acid	11.95	7.4	ng/ul	134837	2	10.58	363208	20.0
unknown-04	12.46	14.2	ng/ul	257425	2	10.58	363208	20.0
unknown-05	12.82	4.6	ng/ul	125543	3	14.43	542324	20.0
Butanoic acid, bu...	13.50	38.7	ng/ul	1048360	3	14.43	542324	20.0
(DEL) Alkane: Cyc...	13.66	5.6	ng/ul	152047	3	14.43	542324	20.0
unknown-06	14.04	3.4	ng/ul	91097	3	14.43	542324	20.0
unknown-07	14.29	4.8	ng/ul	130124	3	14.43	542324	20.0
(DEL) Alkane: Cyc...	14.91	3.8	ng/ul	103706	3	14.43	542324	20.0
Ricinoleic acid	20.32	39.0	ng/ul	1366680	5	21.37	701659	20.0