LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

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-BF040216.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	4.098	130	176	178	rBV	68570	928186	8.44%	1.948%
2	4.761	189	234	236	rBV	180529	2376932	21.62%	4.988%
3	4.933	247	249	258	rVB	109011	143080	1.30%	0.300%
4	5.253	261	277	278	rBV	118066	712289	6.48%	1.495%
5	5.378	279	288	289	rVV	263773	1219449	11.09%	2.559%
6	5.413	289	291	292	rVV	256458	376552	3.43%	0.790%
7	5.550	292	303	306	rVB	264486	1467802	13.35%	3.080%
8	5.779	312	323	328	rBV	203331	877053	7.98%	1.841%
9	6.373	353	375	378	rBV	396236	2369131	21.55%	4.972%
10	6.430	378	380	385	rVV2	233975	335013	3.05%	0.703%
11	6.533	385	389	395	rVB2	156578	370715	3.37%	0.778%
12	6.773	408	410	412	rBV	678108	606593	5.52%	1.273%
13	7.196	444	447	449	rBV	976654	983316	8.94%	2.064%
14	7.344	456	460	466	rBV2	92624	172682	1.57%	0.362%
15	7.824	496	502	513	rBV2	82385	176545	1.61%	0.371%
16	8.053	520	522	525	rBV	762773	793644	7.22%	1.666%
17	8.384	544	551	555	rBV	728119	1844093	16.77%	3.870%
18	8.704	577	579	581	rBV	495471	405819	3.69%	0.852%
19	8.922	590	598	600	rBV	1202403	3239492	29.47%	6.798%
20	9.527	649	651	655	rBV	190704	206669	1.88%	0.434%
21	9.733	667	669	672	rBV2	312241	386250	3.51%	0.811%
22	9.813	672	676	678	rVV2	759830	1096693	9.98%	2.302%
23	10.236	712	713	715	rVB	121864	148210	1.35%	0.311%
24	10.716	753	755	758	rVV	162846	193925	1.76%	0.407%
25	10.968	776	777	782	rVB	219472	232310	2.11%	0.488%
26	11.288	803	805	808	rBV	873330	837795	7.62%	1.758%
27	11.768	842	847	850	rBV	944223	1544406	14.05%	3.241%
28	11.859	850	855	858	rVV2	2935361	6332574	57.60%	13.290%
29	12.568	910	917	921	rBV2	3283608	10993757	100.00%	23.072%
30	12.636	921	923	927	rVV	2142484	2696113	24.52%	5.658%
31	12.705	927	929	934	rVB2	185678	356499	3.24%	0.748%
32	12.876	941	944	946	rVB	81110	111305	1.01%	0.234%
33	13.265	975	978	983	rVV3	134443	275154	2.50%	0.577%
34	13.345	983	985	989	rVV	592332	788920	7.18%	1.656%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

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-BF040216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.779	1021	1023	1032	rVB	187625	247086	2.25%	0.519%
36	13.928	1032	1036	1038	rBV	707250	701869	6.38%	1.473%
37	15.334	1156	1159	1162	rVB	448648	548737	4.99%	1.152%
38	16.134	1225	1229	1241	rBV2	201757	553576	5.04%	1.162%

Sum of corrected areas: 47650234

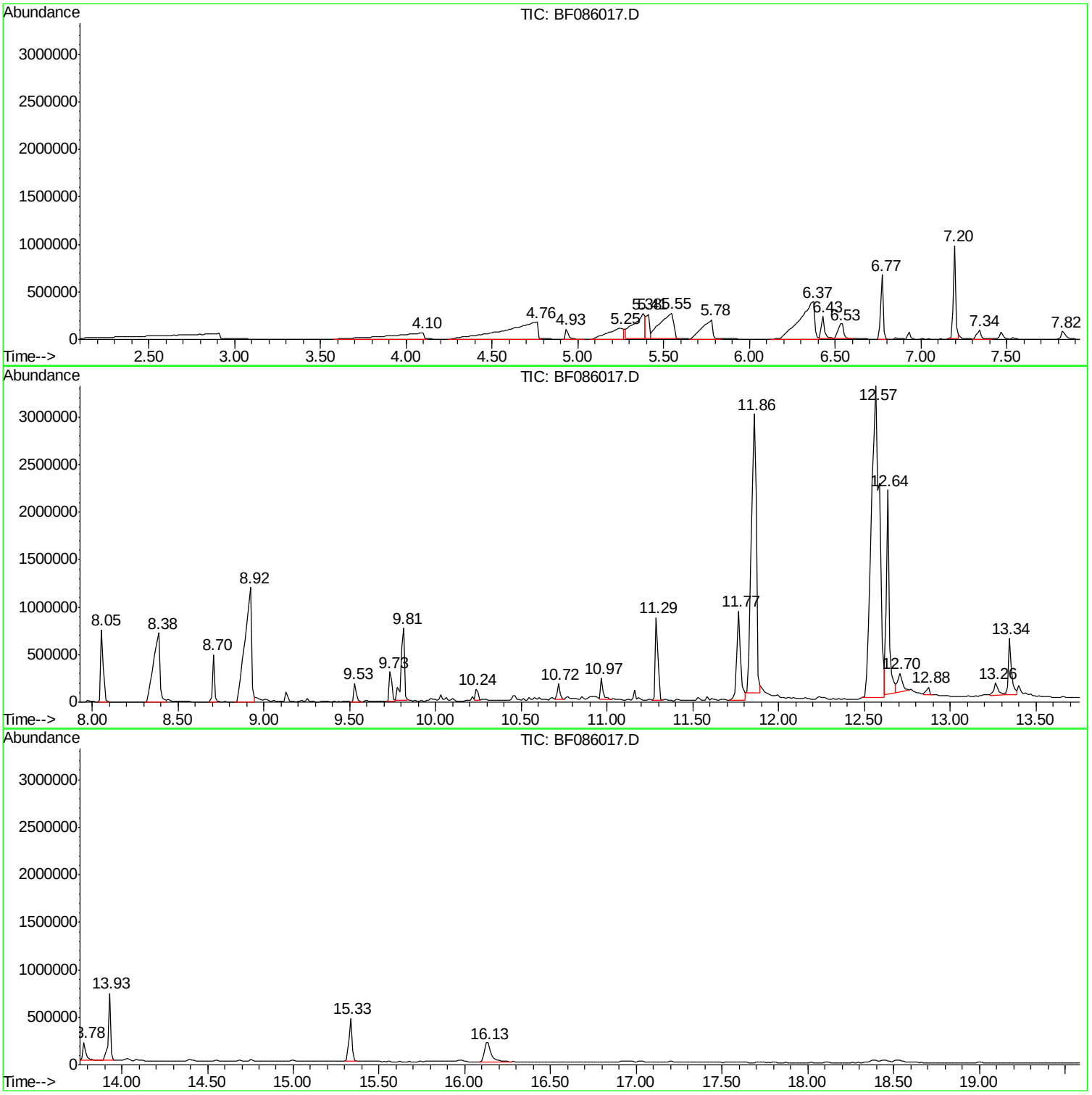
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

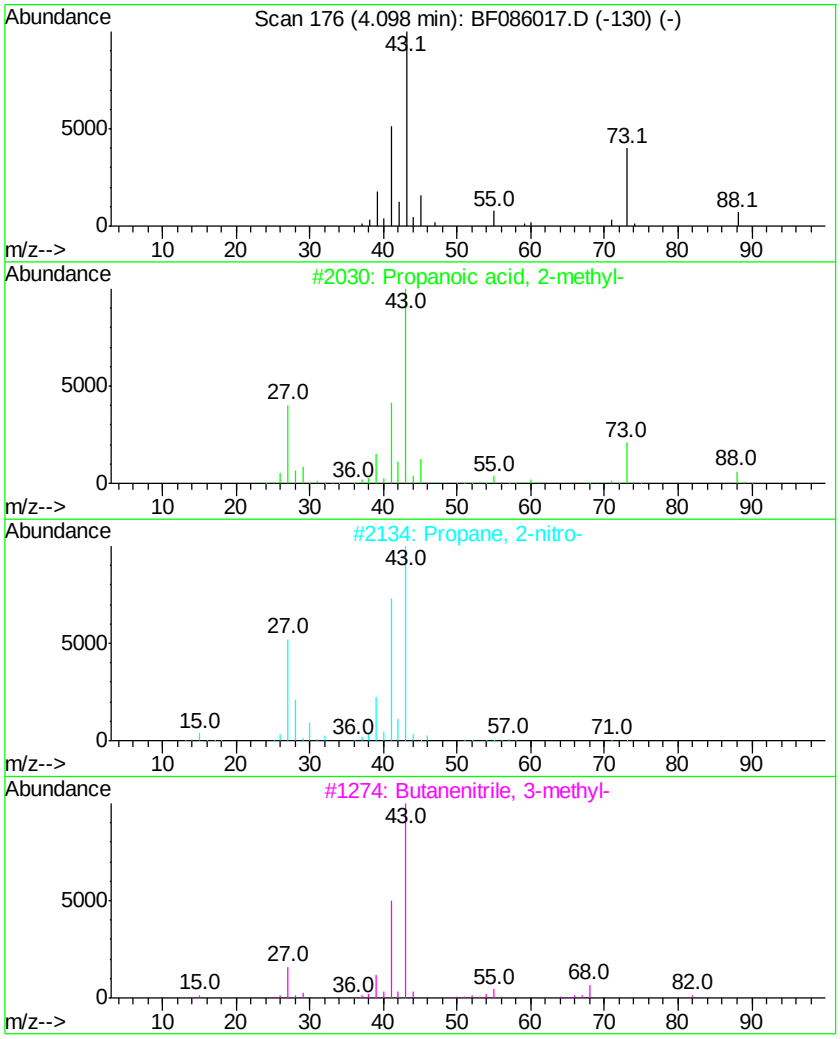
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

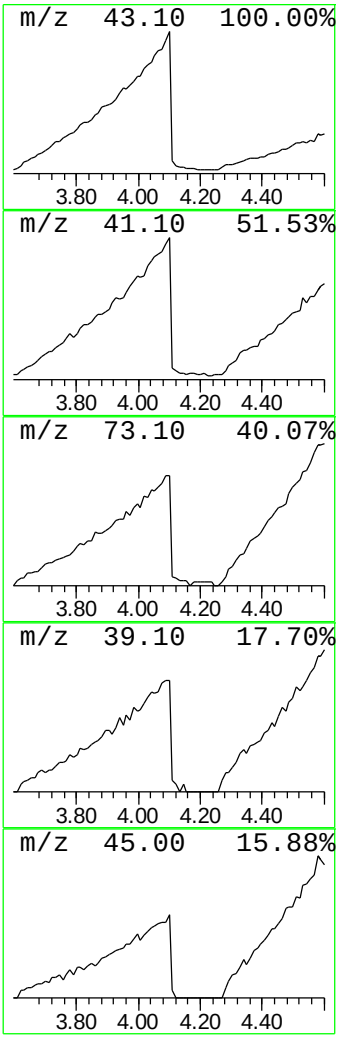
****

Peak Number 1 Propanoic acid, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	30.60 ng	928186	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	90
2	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	25
3	Butanenitrile, 3-methyl-	83	C5H9N	000625-28-5	9
4	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	9
5	2-Oxo-n-valeric acid	116	C5H8O3	001821-02-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

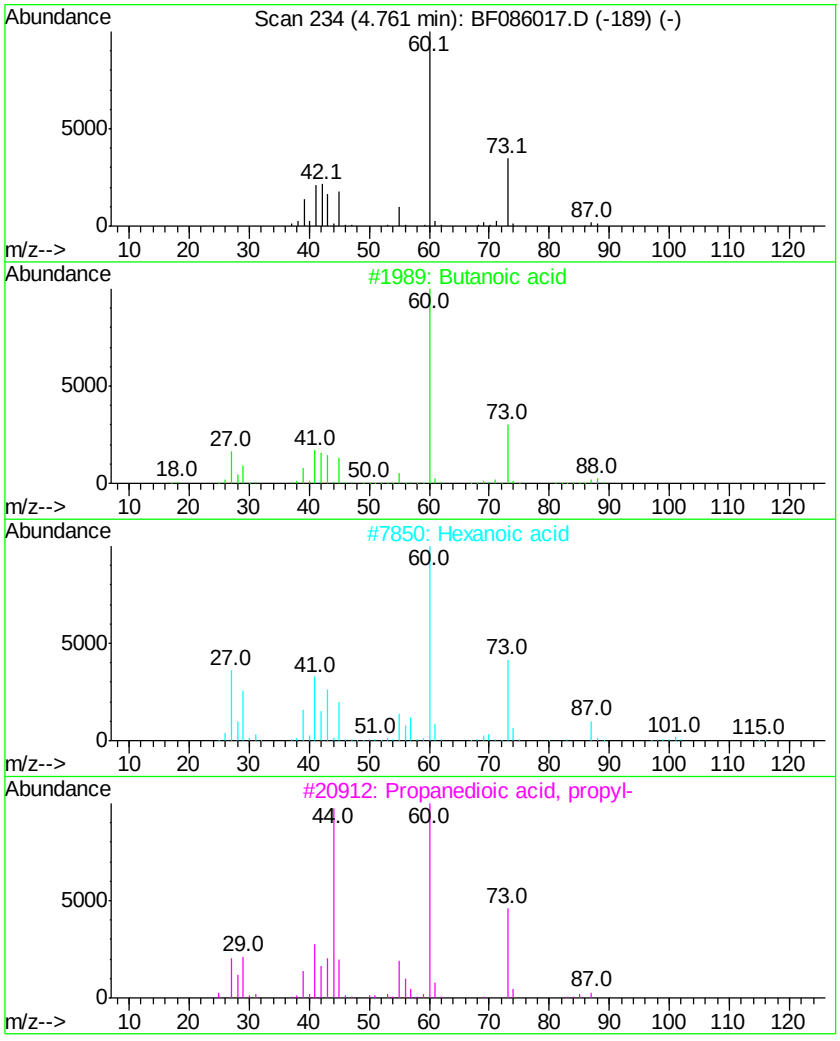
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

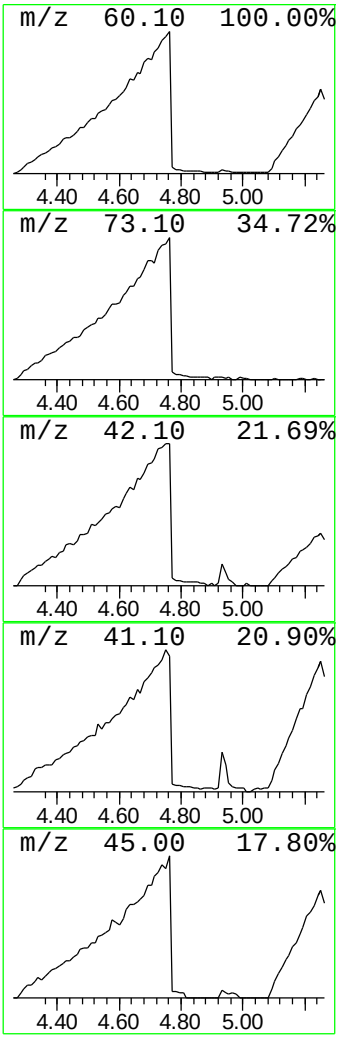
****

Peak Number 2 Butanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	78.37 ng	2376930	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	86
2	Hexanoic acid	116	C6H12O2	000142-62-1	9
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	9
4	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	9
5	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

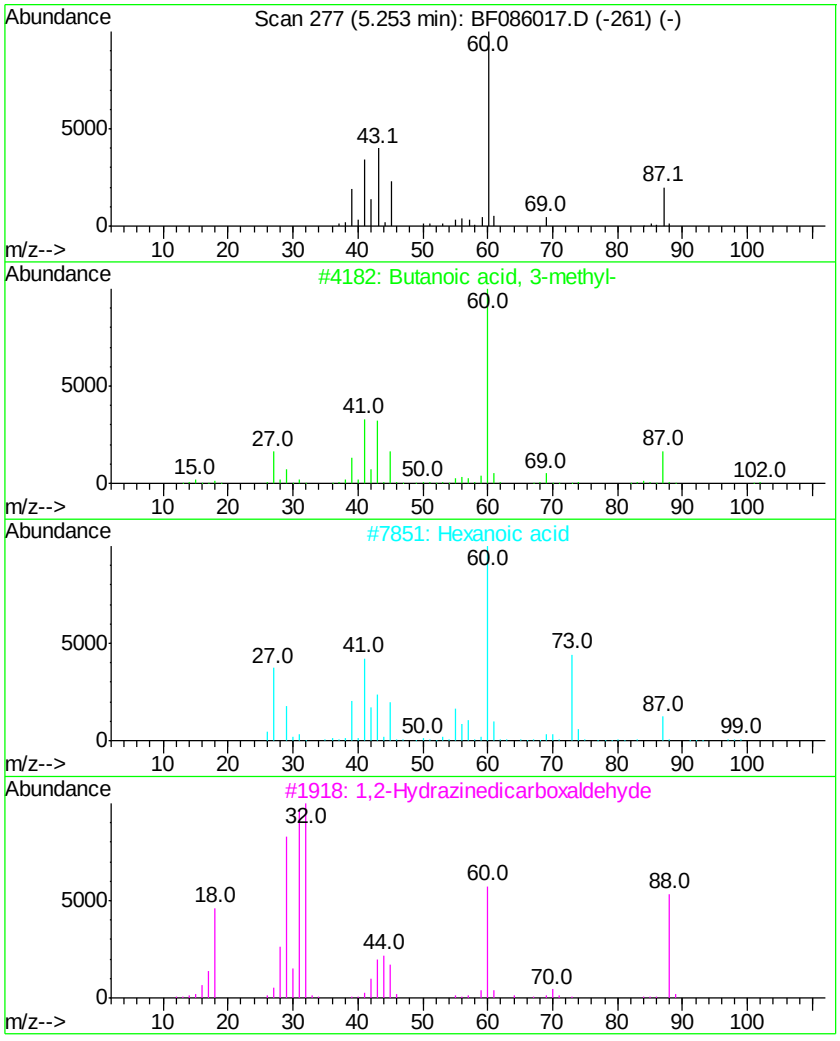
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

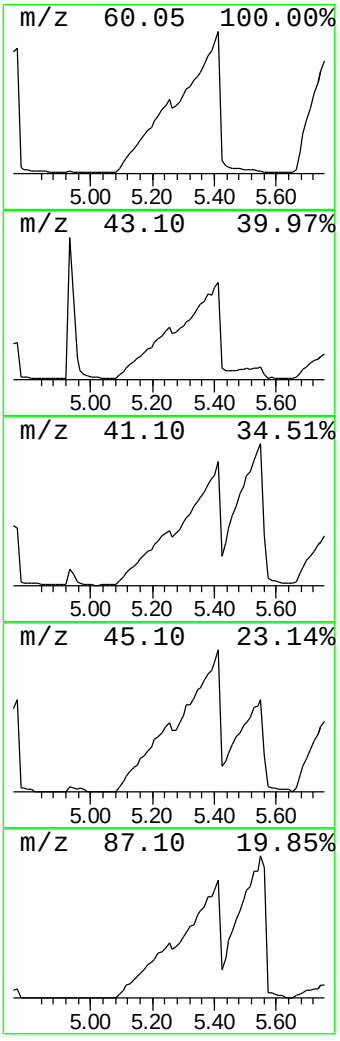
****

Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	23.48 ng	712289	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
2	Hexanoic acid	116	C6H12O2	000142-62-1	39
3	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	38
4	Pentanoic acid	102	C5H10O2	000109-52-4	36
5	1,5-Pentanediol	104	C5H12O2	000111-29-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

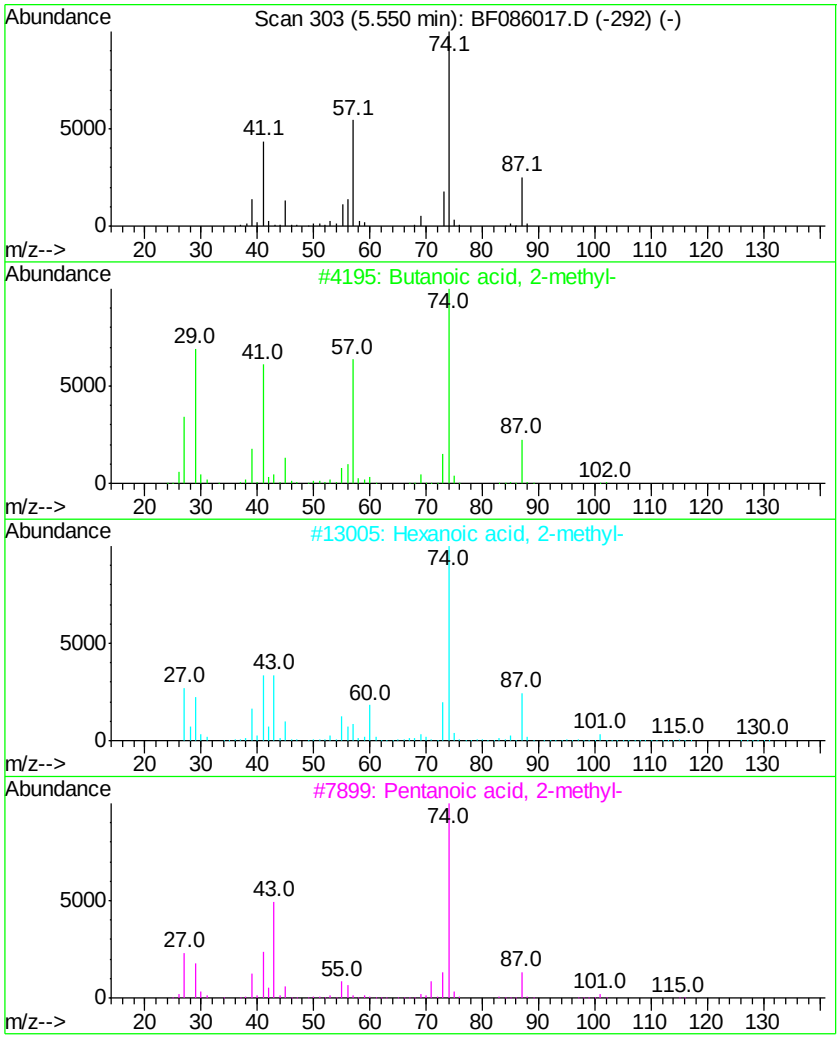
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

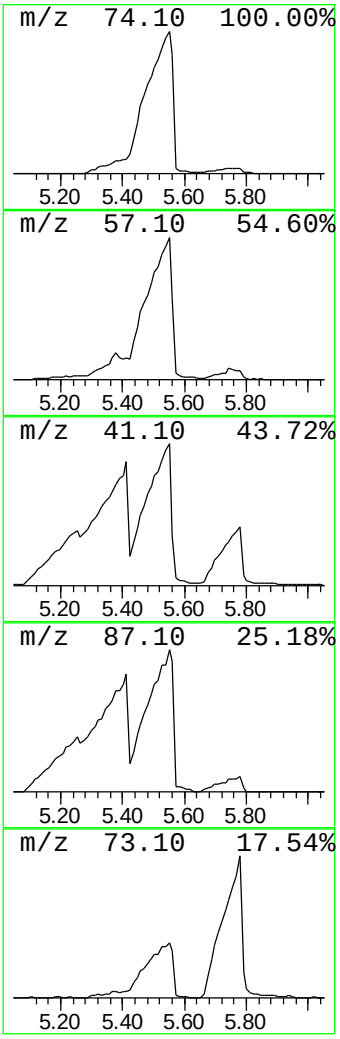
****

Peak Number 4 Butanoic acid, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	48.40 ng	1467800	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	83
2	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	72
3	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	50
4	1,2-Butanediol, 3,3-dimethyl-	118	C6H14O2	059562-82-2	12
5	Morpholine	87	C4H9NO	000110-91-8	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

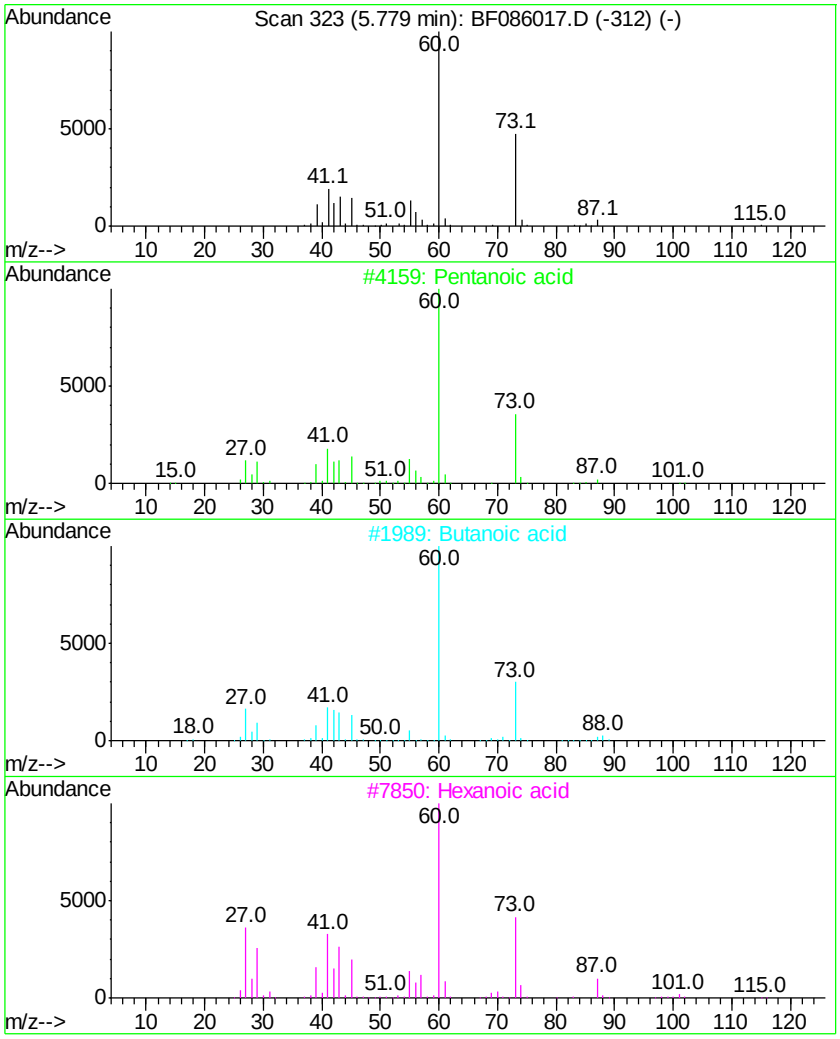
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

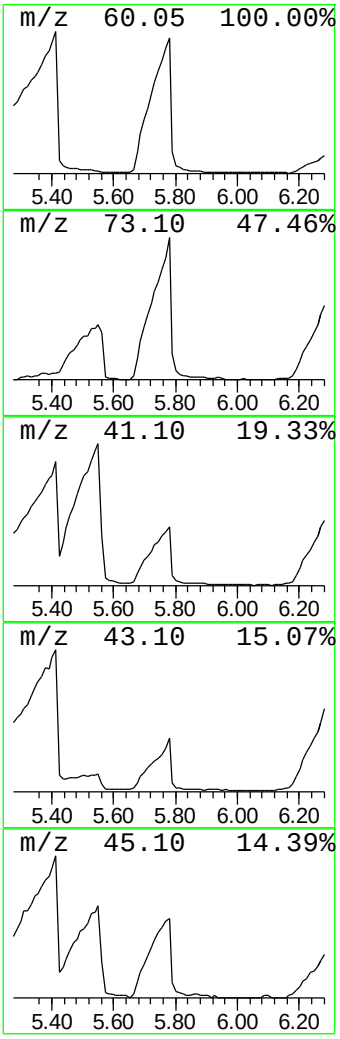
****

Peak Number 5 Pentanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	28.92 ng	877053	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	90
2	Butanoic acid	88	C4H8O2	000107-92-6	64
3	Hexanoic acid	116	C6H12O2	000142-62-1	64
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	59
5	Octanoic Acid	144	C8H16O2	000124-07-2	40





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

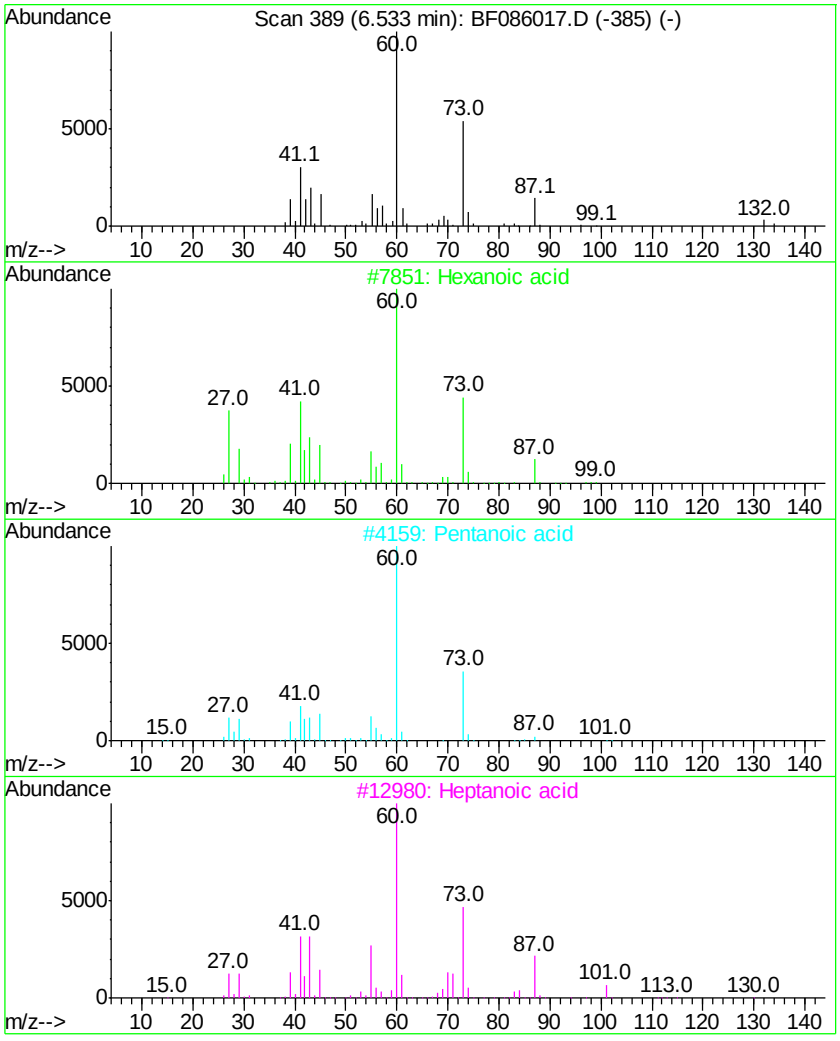
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

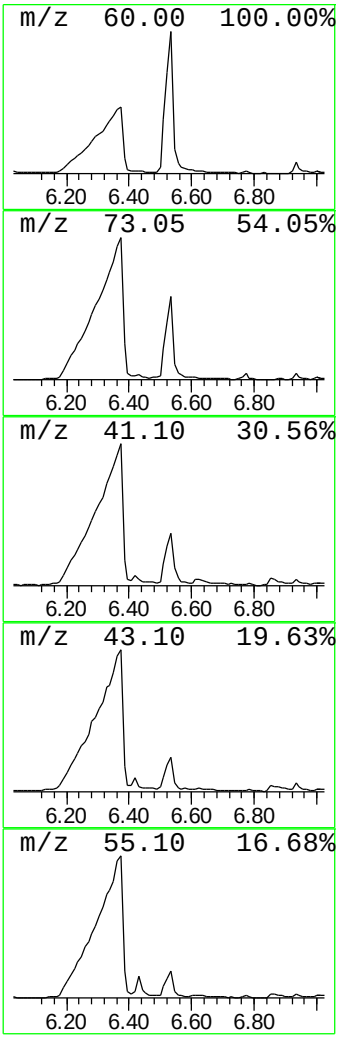
****

Peak Number 6 Hexanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	12.22 ng	370715	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	90
2	Pentanoic acid	102	C5H10O2	000109-52-4	78
3	Heptanoic acid	130	C7H14O2	000111-14-8	78
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	72
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

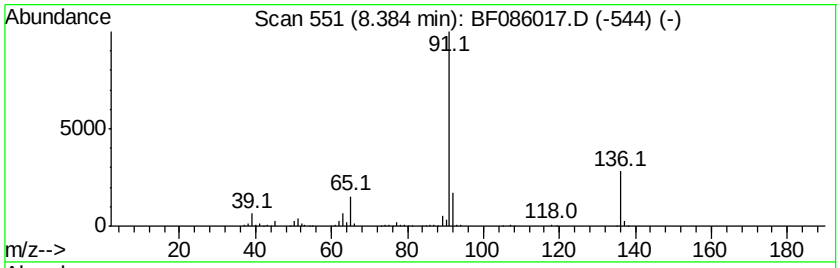
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

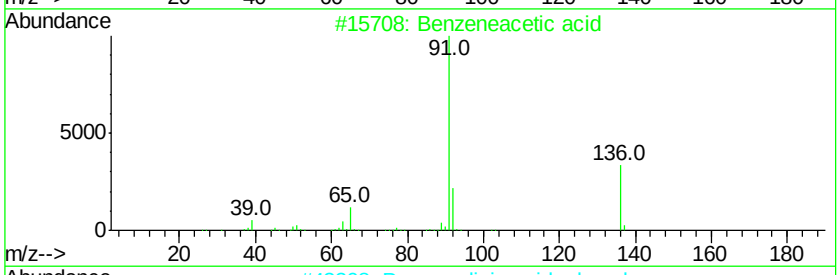
****

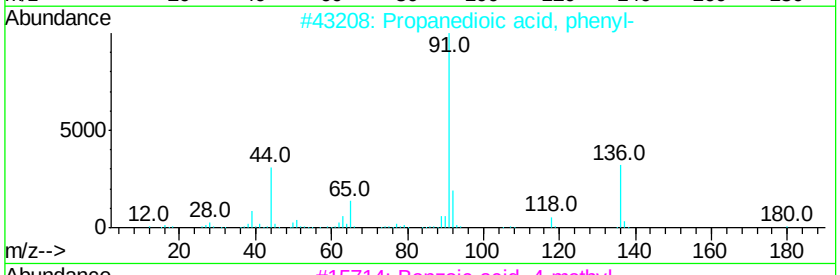
Peak Number 7 Benzeneacetic acid Concentration Rank 7

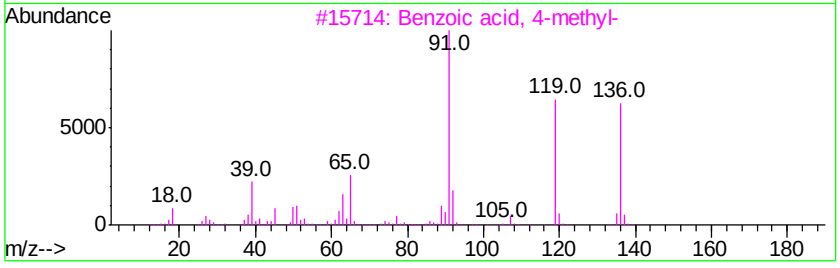
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	46.47 ng	1844090	Naphthalene-d8	8.05

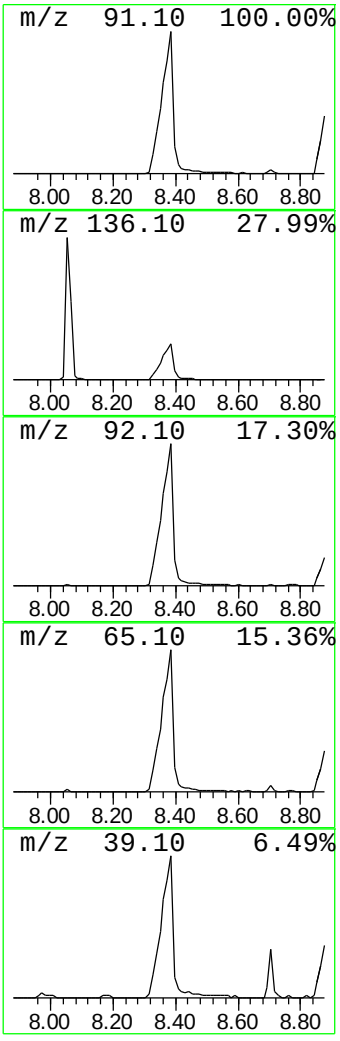
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	90
2	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	78
3	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	58
4	Benzene, (iodomethyl)-	218	C7H7I	000620-05-3	53
5	Thiocyanic acid, phenylmethyl ester	149	C8H7NS	003012-37-1	50











Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

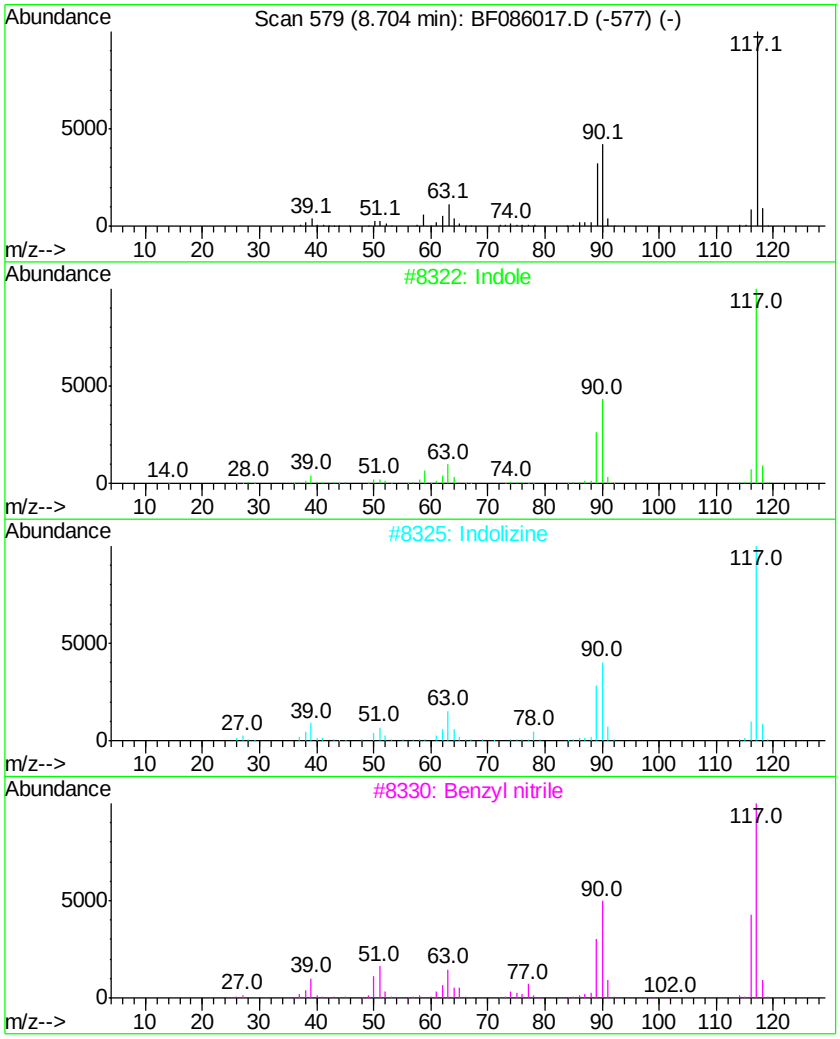
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

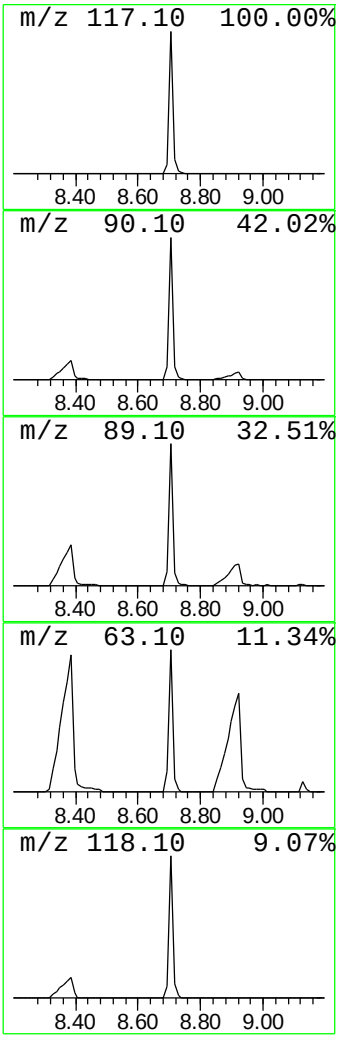
****

Peak Number 8 Indole Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	10.23 ng	405819	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole	117	C8H7N	000120-72-9	95
2	Indolizine	117	C8H7N	000274-40-8	91
3	Benzyl nitrile	117	C8H7N	000140-29-4	91
4	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	87
5	5H-1-Pyrindine	117	C8H7N	000270-91-7	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

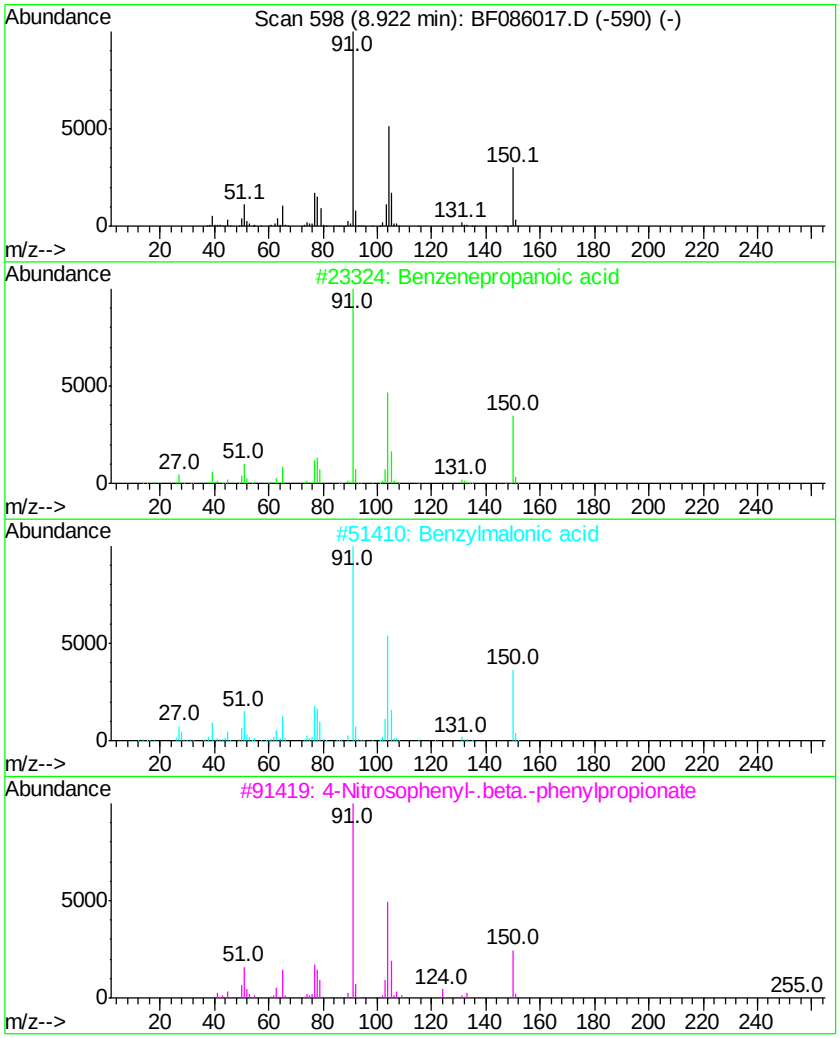
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

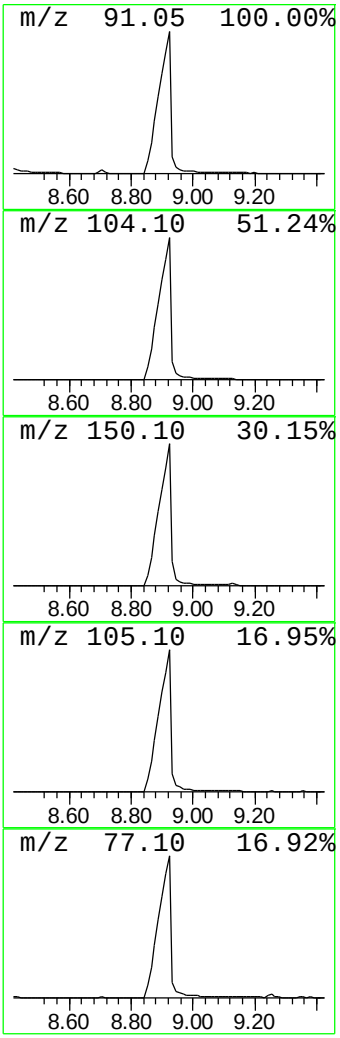
****

Peak Number 9 Benzenepropanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	81.64 ng	3239490	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid	150	C9H10O2	000501-52-0	93
2	Benzylmalonic acid	194	C10H10O4	000616-75-1	91
3	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	86
4	3-Phenyl-propionic acid, isoprop...	192	C12H16O2	022767-95-9	72
5	.beta.-Phenylethyl butyrate	192	C12H16O2	000103-52-6	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

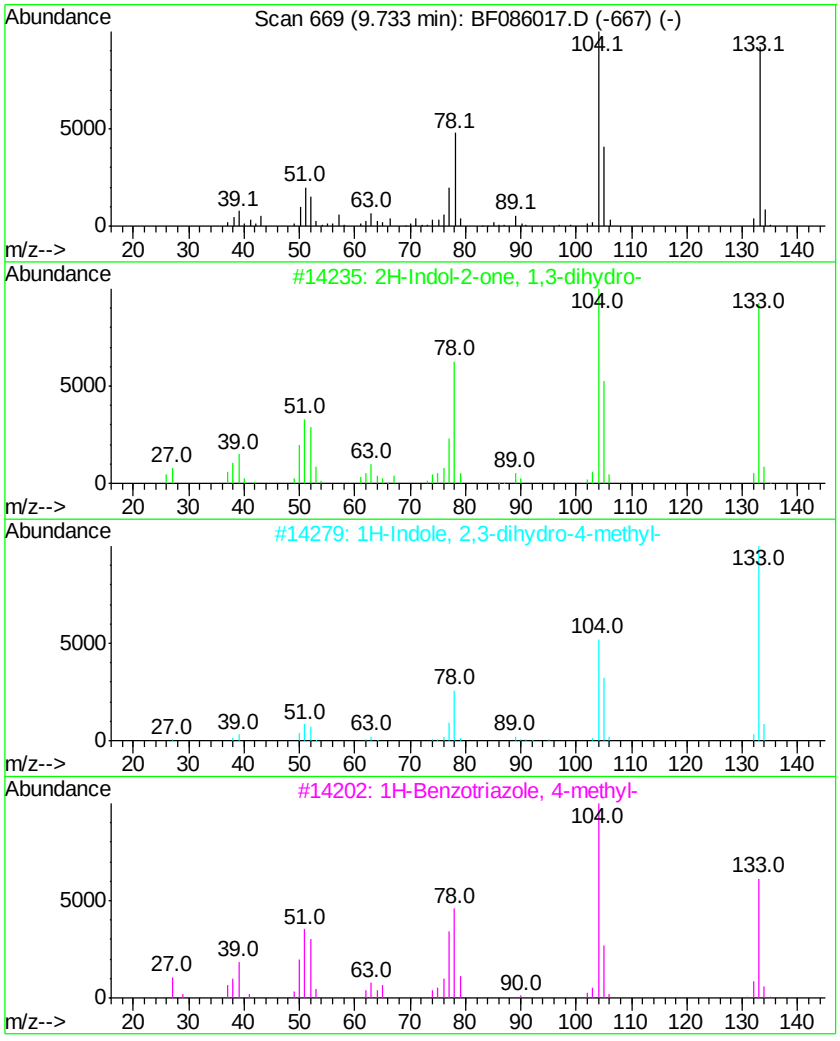
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

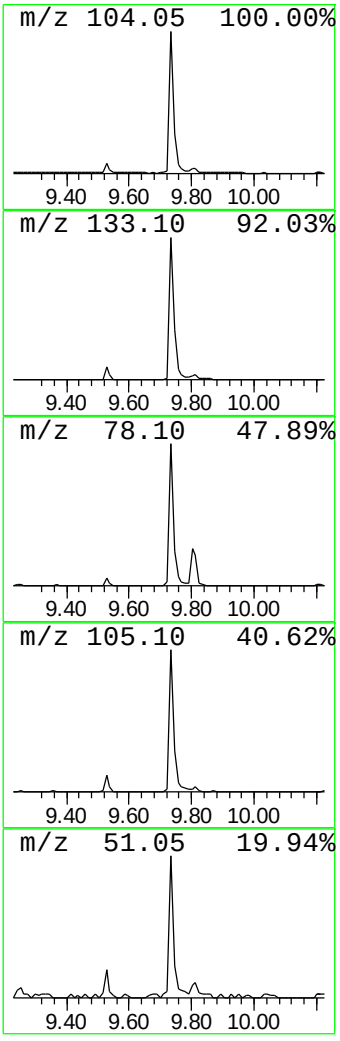
****

Peak Number 10 2H-Indol-2-one, 1,3-dihydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	7.04 ng	386250	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	94
2	1H-Indole, 2,3-dihydro-4-methyl-	133	C9H11N	062108-16-1	94
3	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	87
4	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	83
5	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

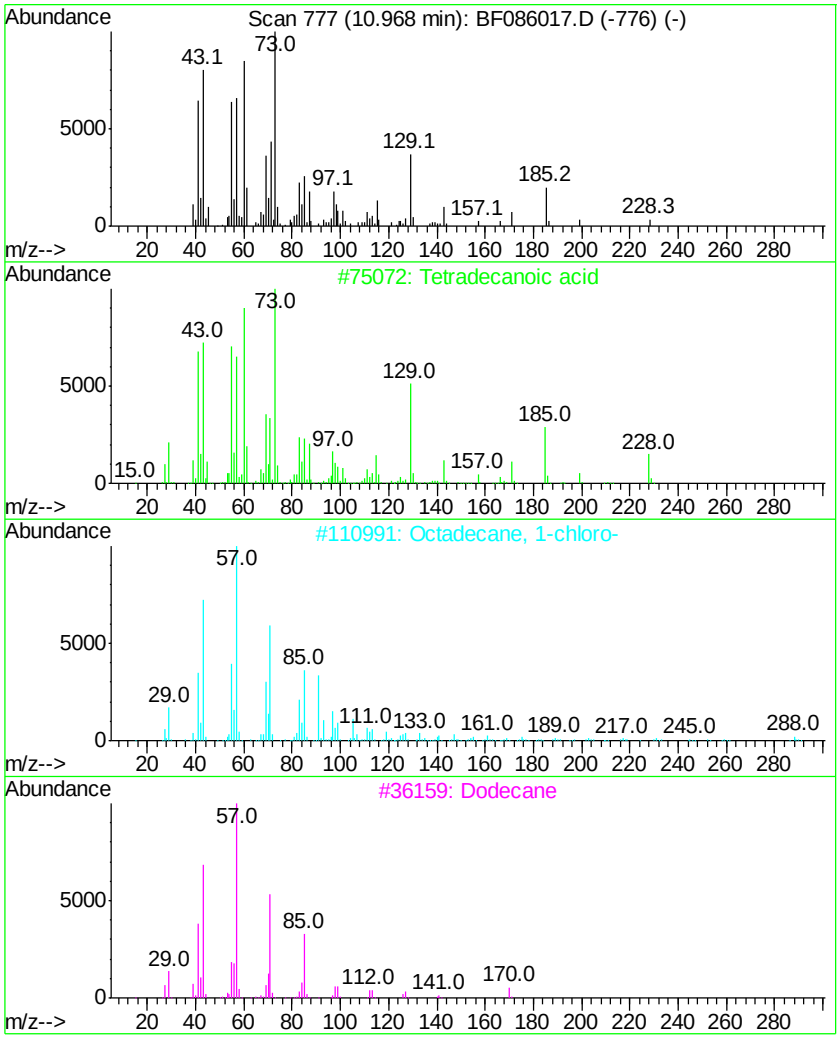
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

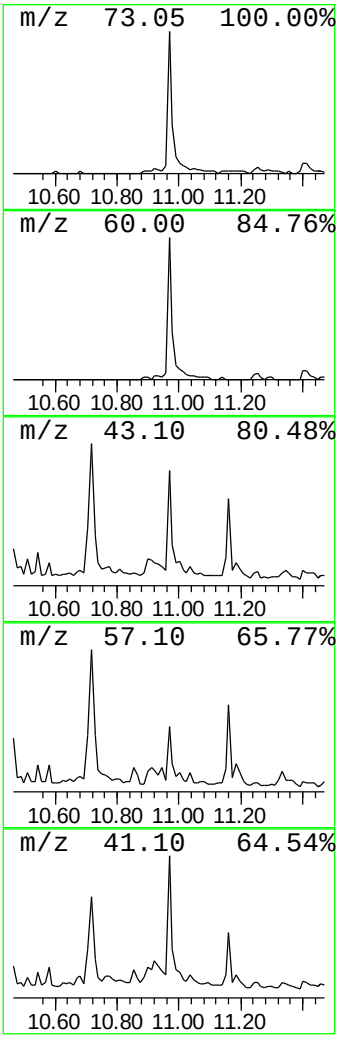
****

Peak Number 11 Tetradecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	5.55 ng	232310	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	18
3	Dodecane	170	C12H26	000112-40-3	11
4	Tridecane	184	C13H28	000629-50-5	11
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

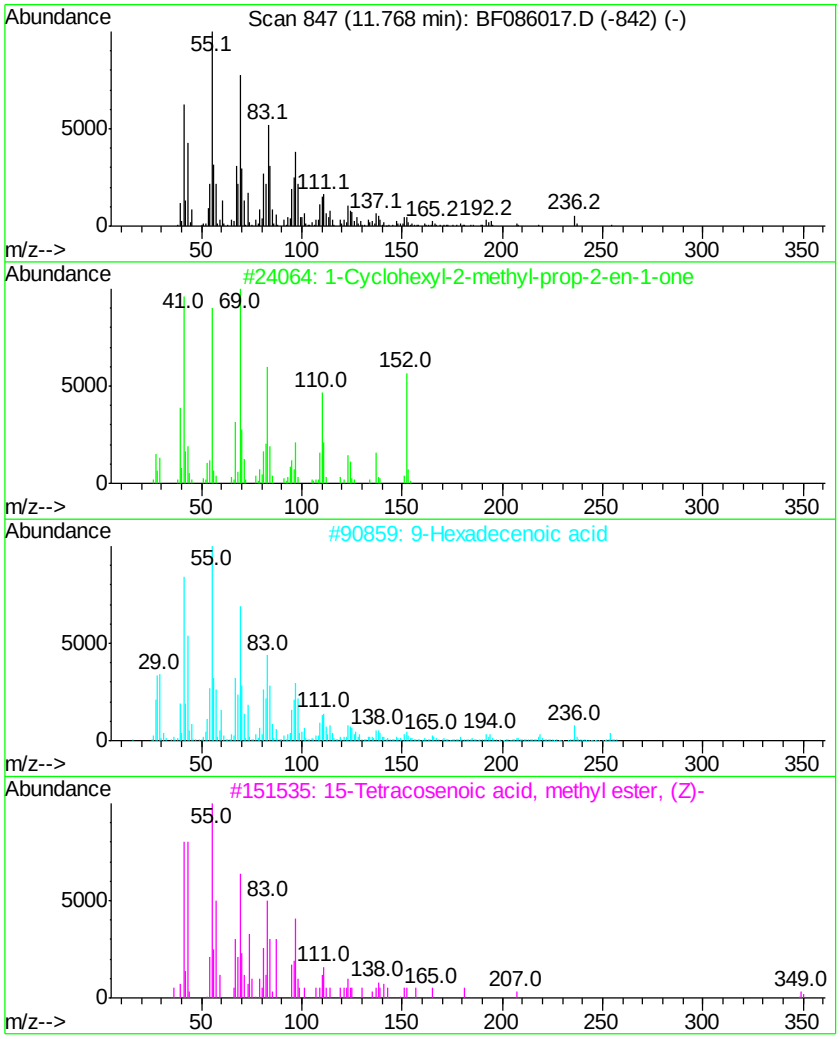
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

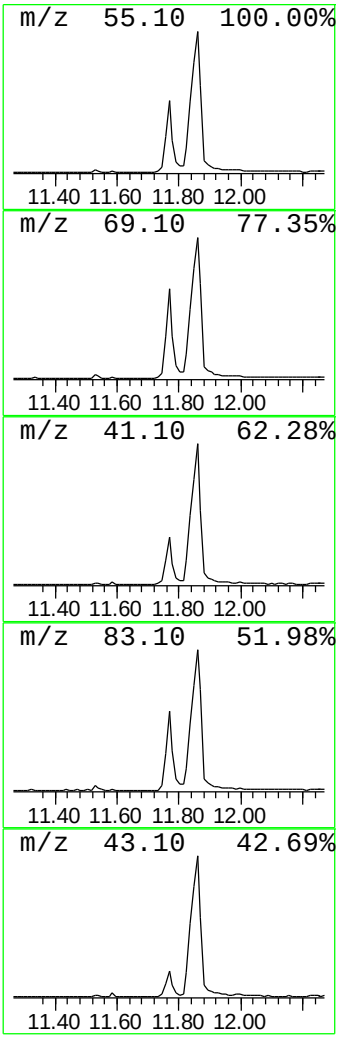
****

Peak Number 12 1-Cyclohexyl-2-methyl-prop-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	36.87 ng	1544410	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	70
2	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	60
3	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	49
4	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	46
5	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	46





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

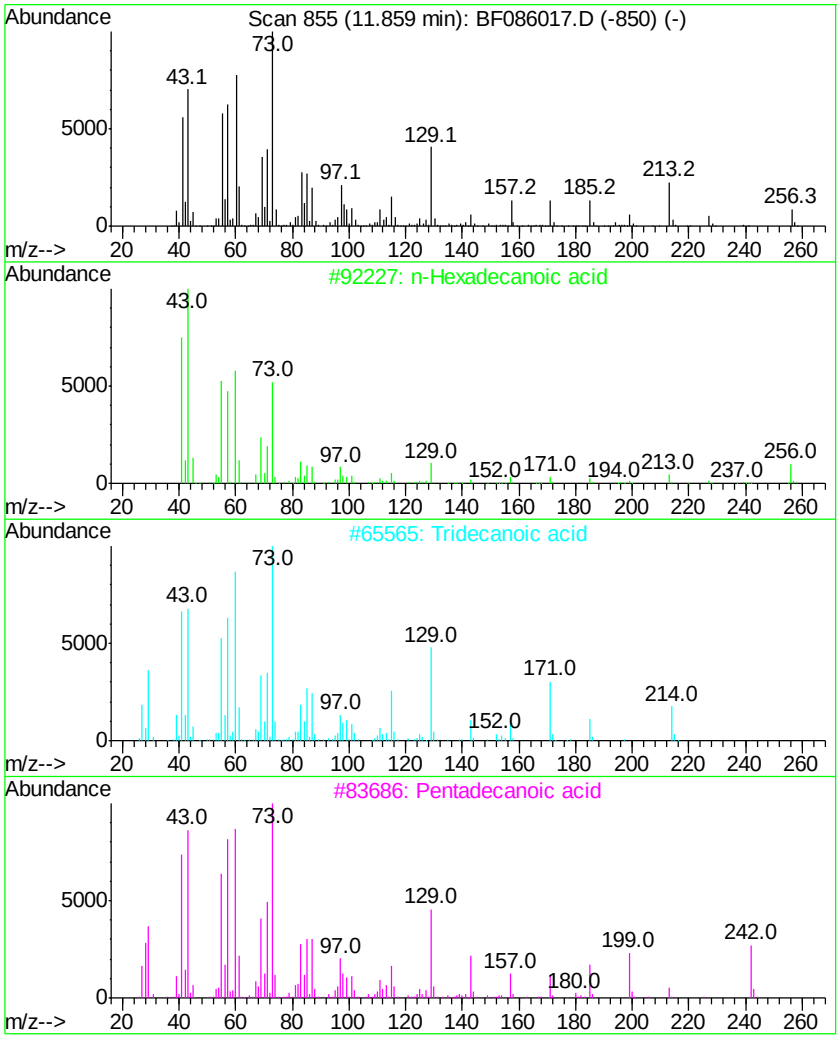
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

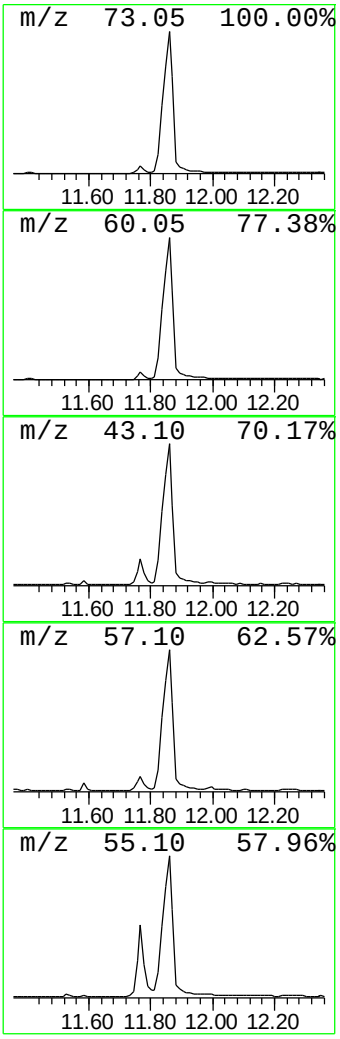
****

Peak Number 13 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	151.17 ng	6332570	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

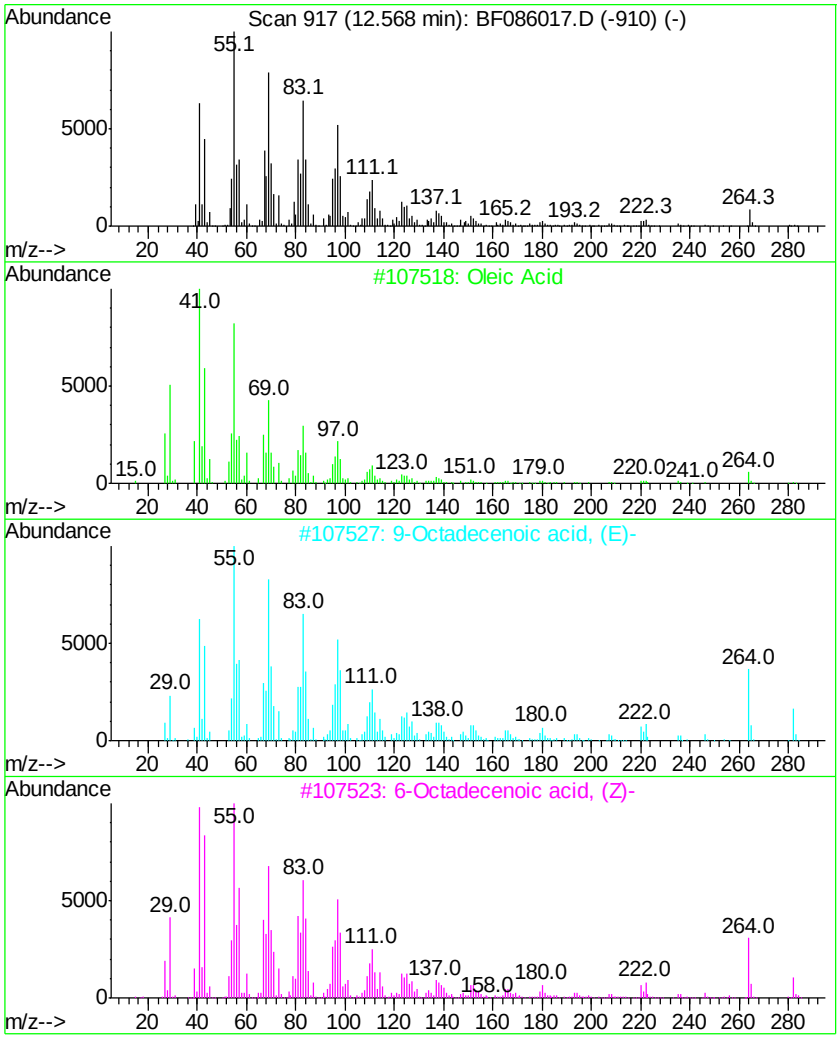
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

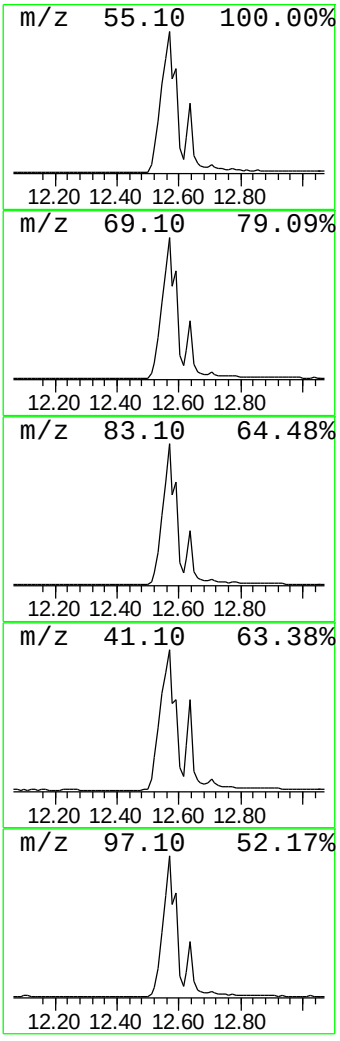
****

Peak Number 14 Oleic Acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	262.45 ng	10993800	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	86
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	81
3	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	70
4	Cyclododecanemethanol	198	C13H26O	001892-12-2	64
5	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

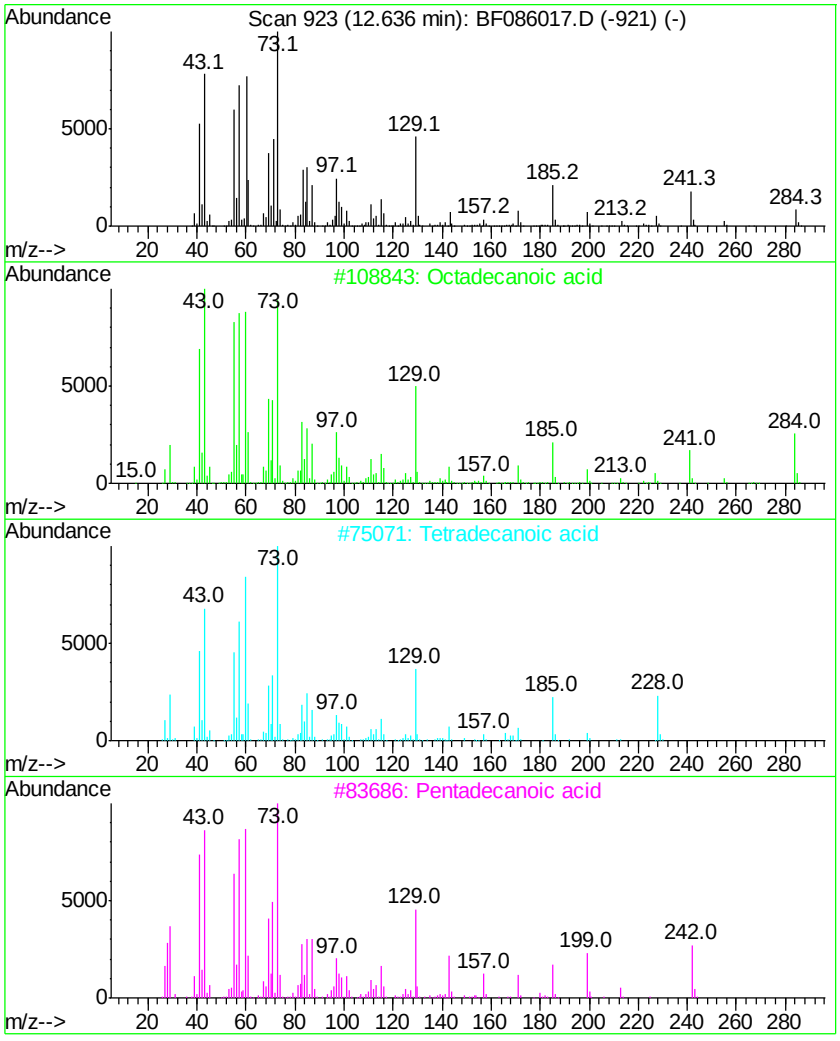
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

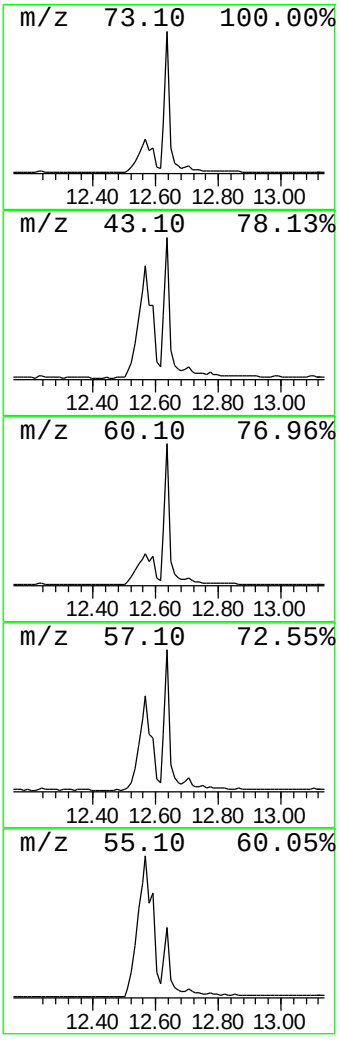
****

Peak Number 15 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	76.83 ng	2696110	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

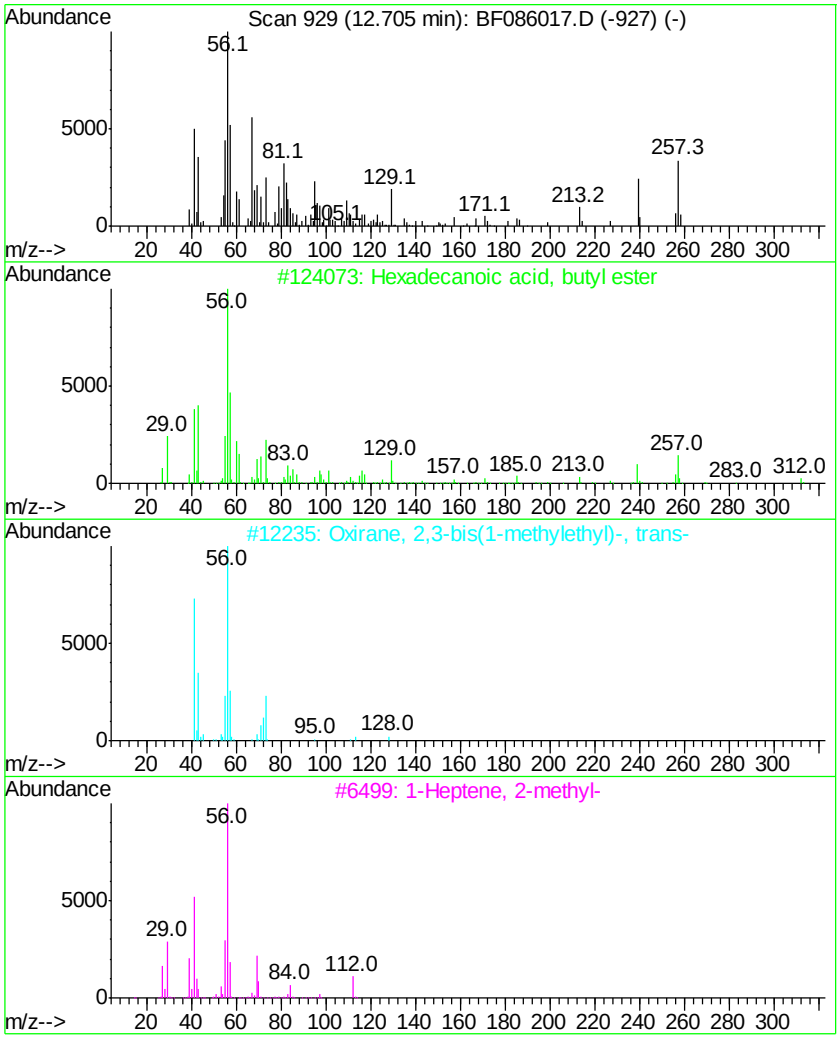
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

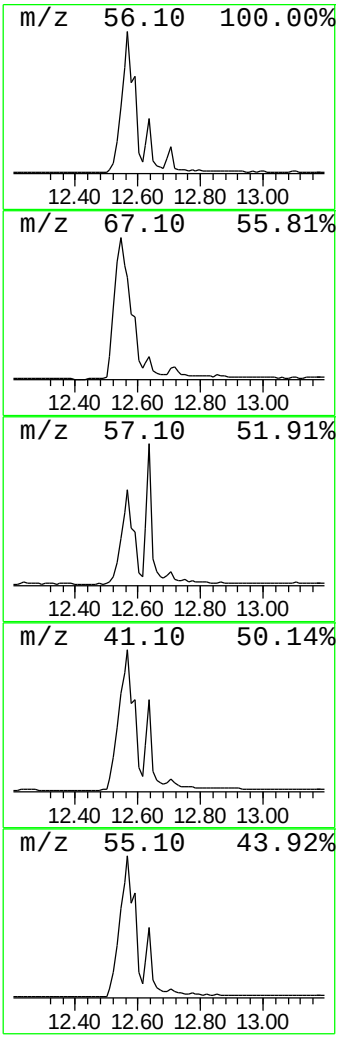
****

Peak Number 16 unknown12.70 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	10.16 ng	356499	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	49
2	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	27
3	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	25
4	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	22
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

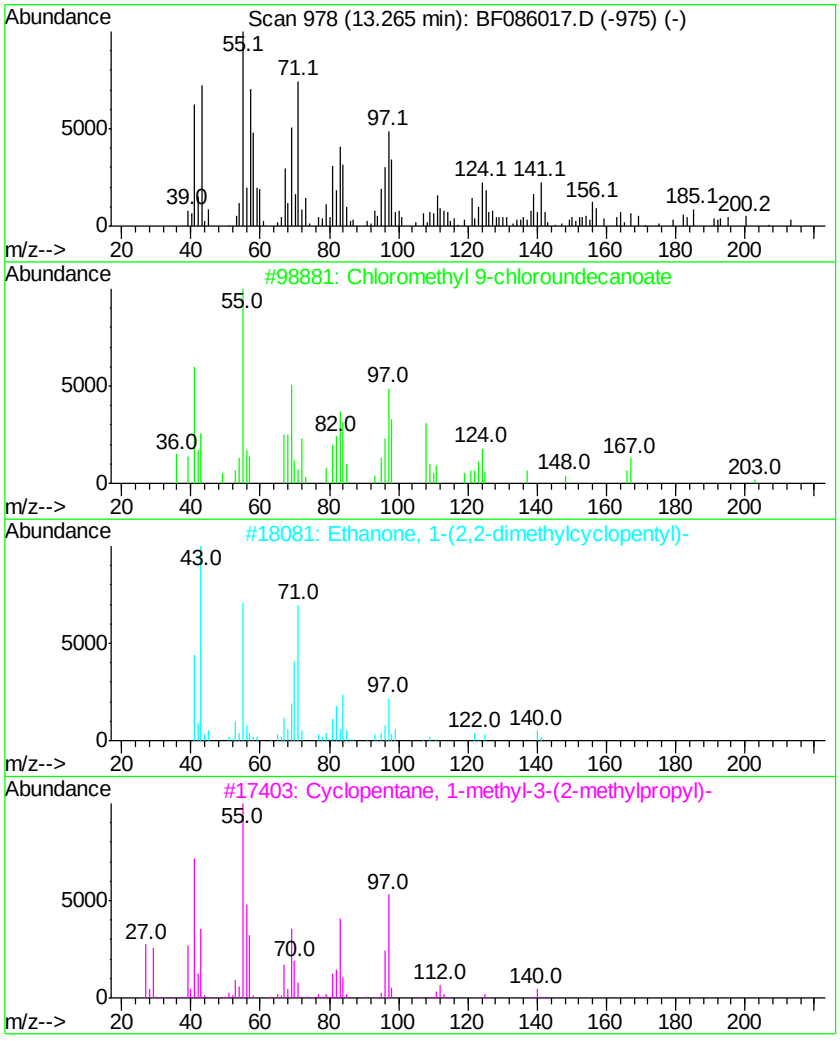
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

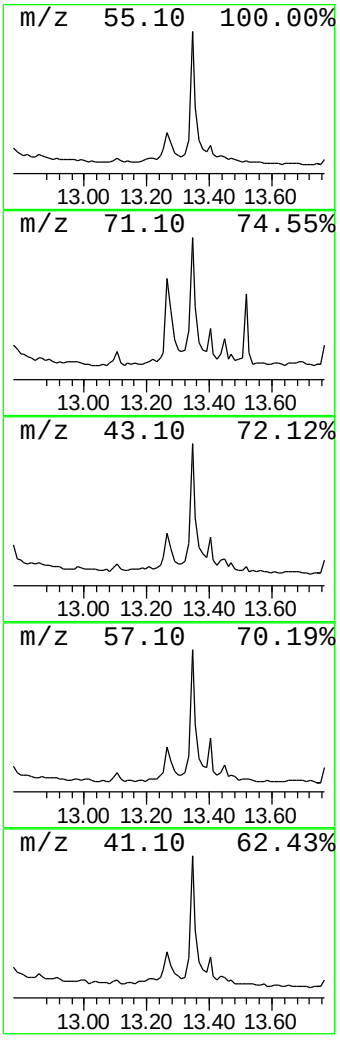
****

Peak Number 17 unknown13.27 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	7.84 ng	275154	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloromethyl 9-chloroundecanoate	268	C12H22Cl2O2	080418-95-7	43
2	Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	38
3	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	38
4	1-Decene	140	C10H20	000872-05-9	38
5	Oxacyclotetradecan-2-one	212	C13H24O2	001725-04-8	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

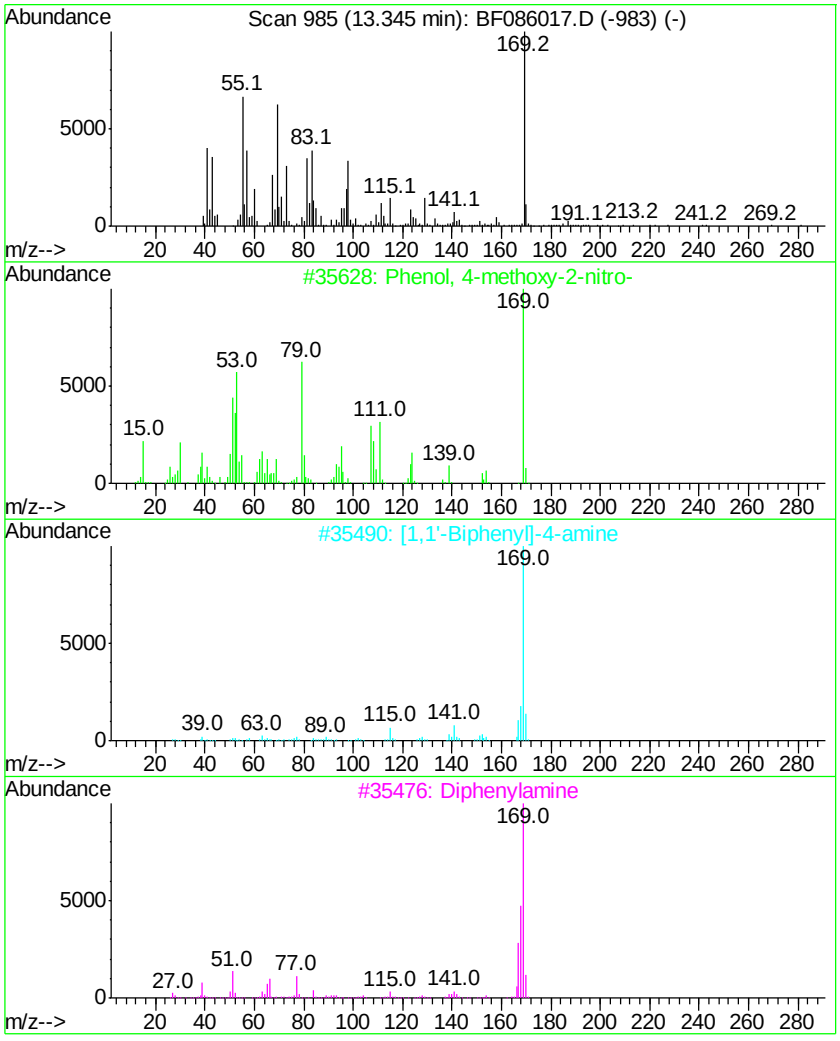
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

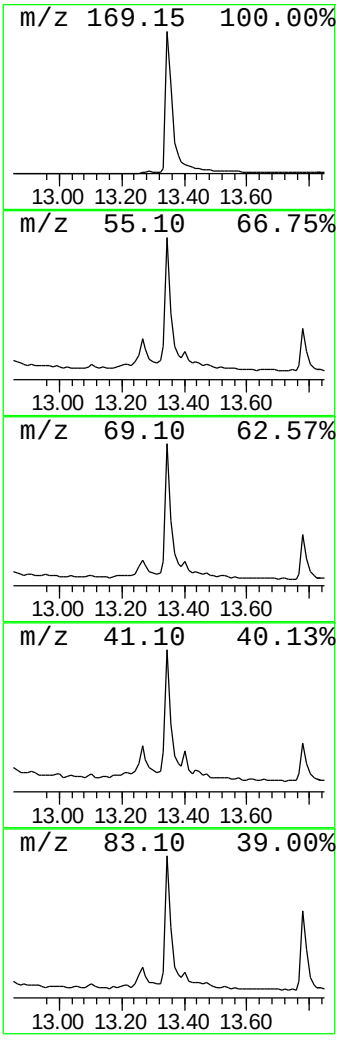
****

Peak Number 18 unknown13.35 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	22.48 ng	788920	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-methoxy-2-nitro-	169	C7H7NO4	001568-70-3	30
2	[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	30
3	Diphenylamine	169	C12H11N	000122-39-4	27
4	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	27
5	4-Amino-3-mercaptobenzoic acid	169	C7H7NO2S	014543-45-4	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

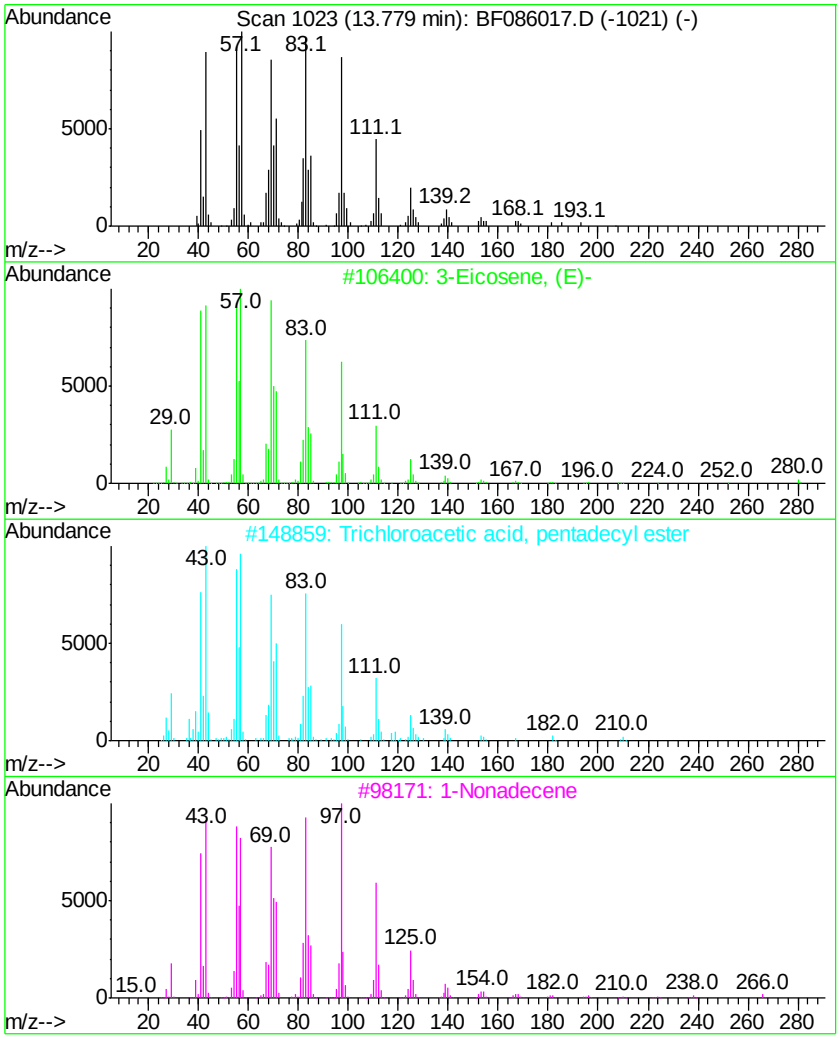
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

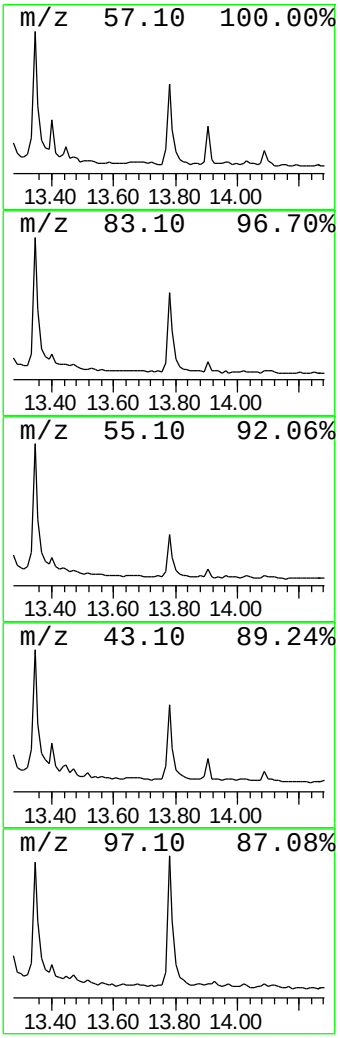
****

Peak Number 19 3-Eicosene, (E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	7.04 ng	247086	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

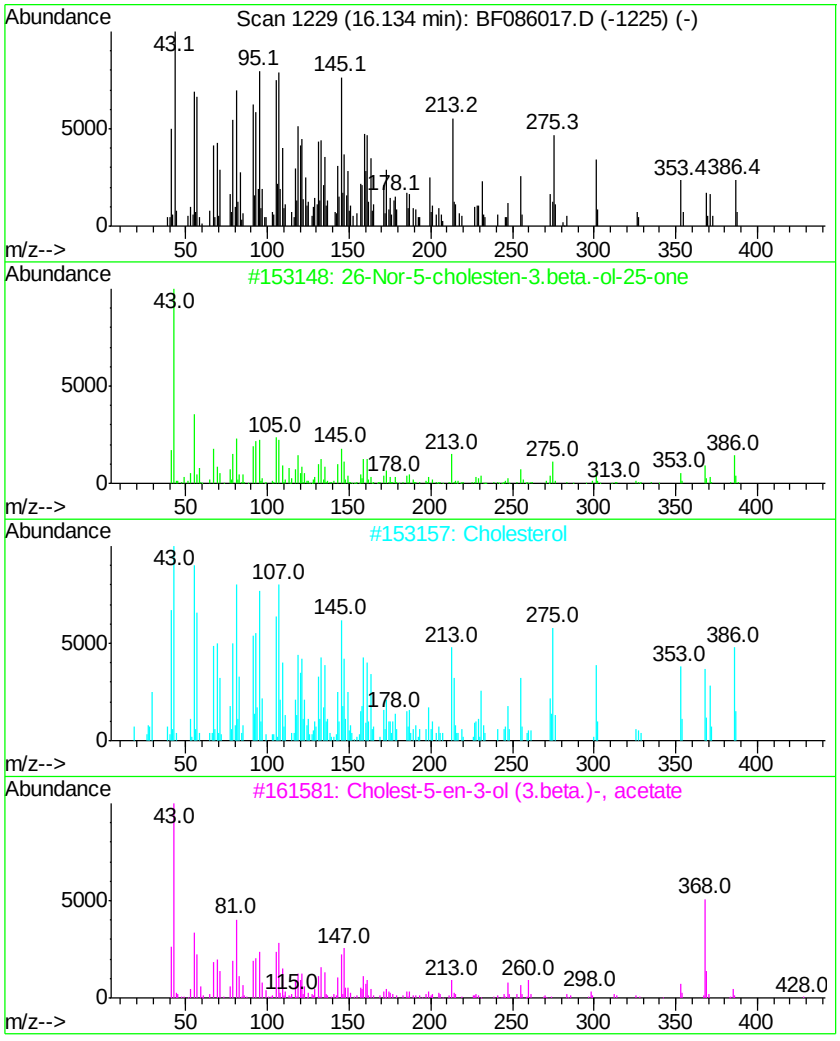
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

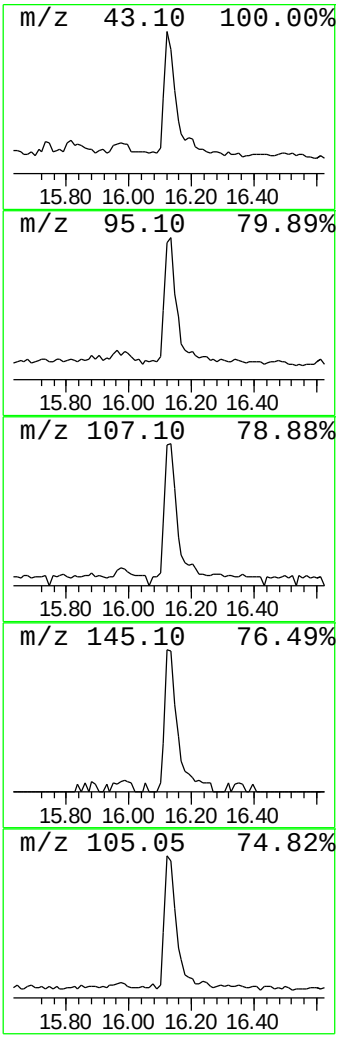
****

Peak Number 20 26-Nor-5-cholesten-3.beta.-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	20.18 ng	553576	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
2	Cholesterol	386	C27H46O	000057-88-5	95
3	Cholest-5-en-3-ol (3.beta.)-, ac...	428	C29H48O2	000604-35-3	50
4	Cholestane, 4,5-epoxy-, (4.alpha...	386	C27H46O	006079-19-2	49
5	Cholesta-3,5-diene	368	C27H44	000747-90-0	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
Data File : BF086017.D
Acq On : 2 Apr 2016 17:50
Operator : UM/SJ
Sample : H2028-01
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W1DAY1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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
Propanoic acid, 2...	4.10	30.6	ng	928186	1	6.77	606593	20.0
Butanoic acid	4.76	78.4	ng	2376930	1	6.77	606593	20.0
Butanoic acid, 3-...	5.25	23.5	ng	712289	1	6.77	606593	20.0
Butanoic acid, 2-...	5.55	48.4	ng	1467800	1	6.77	606593	20.0
Pentanoic acid	5.78	28.9	ng	877053	1	6.77	606593	20.0
Hexanoic acid	6.53	12.2	ng	370715	1	6.77	606593	20.0
Benzeneacetic acid	8.38	46.5	ng	1844090	2	8.05	793644	20.0
Indole	8.70	10.2	ng	405819	2	8.05	793644	20.0
Benzenepropanoic ...	8.92	81.6	ng	3239490	2	8.05	793644	20.0
2H-Indol-2-one, 1...	9.73	7.0	ng	386250	3	9.81	1096690	20.0
Tetradecanoic acid	10.97	5.5	ng	232310	4	11.29	837795	20.0
1-Cyclohexyl-2-me...	11.77	36.9	ng	1544410	4	11.29	837795	20.0
n-Hexadecanoic acid	11.86	151.2	ng	6332570	4	11.29	837795	20.0
Oleic Acid	12.57	262.4	ng	10993800	4	11.29	837795	20.0
Octadecanoic acid	12.64	76.8	ng	2696110	5	13.93	701869	20.0
unknown12.70	12.70	10.2	ng	356499	5	13.93	701869	20.0
unknown13.27	13.27	7.8	ng	275154	5	13.93	701869	20.0
unknown13.35	13.35	22.5	ng	788920	5	13.93	701869	20.0
3-Eicosene, (E)-	13.78	7.0	ng	247086	5	13.93	701869	20.0
26-Nor-5-choleste...	16.13	20.2	ng	553576	6	15.33	548737	20.0