LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005578.D
Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

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-BM052016.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	3.110	61	89	95	rVB	143089	724080	1.76%	0.318%
2	3.698	166	189	192	rBV	120165	453114	1.10%	0.199%
3	4.098	226	257	260	rBV	206150	1118105	2.71%	0.492%
4	4.869	356	388	391	rBV2	214348	1196712	2.90%	0.526%
5	5.034	394	416	419	rVB	191546	790898	1.92%	0.348%
6	5.492	463	494	497	rBV	233087	1179074	2.86%	0.518%
7	6.945	711	741	745	rBV	180046	748130	1.82%	0.329%
8	7.828	883	891	897	rBV	490218	802516	1.95%	0.353%
9	8.592	1016	1021	1033	rVB	1013026	1653057	4.01%	0.727%
10	10.239	1295	1301	1313	rVB	301256	522268	1.27%	0.230%
11	10.616	1357	1365	1374	rBV	709560	1218942	2.96%	0.536%
12	11.263	1449	1475	1499	rBV	658972	2872876	6.97%	1.263%
13	12.116	1612	1620	1629	rBV	1003381	1688406	4.10%	0.742%
14	12.486	1668	1683	1693	rBV	603459	1695764	4.11%	0.746%
15	13.868	1911	1918	1922	rBV	521716	748918	1.82%	0.329%
16	13.915	1922	1926	1933	rVB	380980	530154	1.29%	0.233%
17	14.151	1960	1966	1973	rVB	576005	882945	2.14%	0.388%
18	14.286	1979	1989	1996	rBV	495674	892334	2.17%	0.392%
19	14.457	2005	2018	2032	rBV3	1050246	1836576	4.46%	0.808%
20	15.451	2181	2187	2193	rBV	797778	1184434	2.87%	0.521%
21	16.615	2378	2385	2392	rBV	882059	1397594	3.39%	0.615%
22	17.203	2480	2485	2490	rVB	1295087	1921785	4.66%	0.845%
23	17.298	2495	2501	2508	rVV2	874000	1322561	3.21%	0.582%
24	17.386	2510	2516	2528	rVV	1000355	1587215	3.85%	0.698%
25	17.515	2532	2538	2543	rVB	899635	1325596	3.22%	0.583%
26	17.580	2543	2549	2555	rBV	745474	978370	2.37%	0.430%
27	18.174	2632	2650	2667	rBV	7048211	25409275	61.66%	11.173%
28	18.774	2748	2752	2757	rBV	530526	768417	1.86%	0.338%
29	18.950	2778	2782	2789	rVB	531744	659871	1.60%	0.290%
30	19.327	2828	2846	2854	rBV3	2345094	12448646	30.21%	5.474%
31	19.450	2854	2867	2878	rVV	8693739	26856677	65.17%	11.809%
32	19.556	2882	2885	2887	rVV	424148	499572	1.21%	0.220%
33	19.592	2887	2891	2896	rVB	889293	1263502	3.07%	0.556%
34	20.333	3013	3017	3021	rBV	3435061	4138636	10.04%	1.820%

LSC Area Percent Report

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Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

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-BM052016.M
Title : SVOA CALIBRATION

35	20.480	3036	3042	3054	rVB3	1180796	2351339	5.71%	1.034%
36	20.827	3098	3101	3105	rBV	292812	451244	1.09%	0.198%
37	21.086	3143	3145	3149	rVB	562204	577519	1.40%	0.254%
38	21.215	3162	3167	3175	rVB2	2733427	3706666	8.99%	1.630%
39	21.386	3192	3196	3203	rVB	1749299	3136133	7.61%	1.379%
40	22.574	3394	3398	3408	rVB	397017	633601	1.54%	0.279%
41	23.527	3555	3560	3572	rVB2	667509	1510209	3.66%	0.664%
42	23.674	3579	3585	3592	rBV2	1091685	2123346	5.15%	0.934%
43	24.132	3657	3663	3673	rVB	693259	1506478	3.66%	0.662%
44	24.774	3753	3772	3789	rVB2	10552714	41210766	100.00%	18.120%
45	25.044	3802	3818	3821	rBV3	5717219	20783402	50.43%	9.139%
46	25.097	3822	3827	3832	rVB	5523403	11620207	28.20%	5.109%
47	25.626	3909	3917	3928	rVB3	1482779	4707954	11.42%	2.070%
48	25.862	3950	3957	3965	rBV4	798312	2269548	5.51%	0.998%
49	26.197	4004	4014	4022	rBV2	1729764	5405569	13.12%	2.377%
50	26.479	4048	4062	4074	rBV2	3796467	12976302	31.49%	5.706%
51	26.832	4112	4122	4129	rBV3	1453296	5001661	12.14%	2.199%
52	26.915	4130	4136	4144	rVB4	1519541	4137331	10.04%	1.819%

Sum of corrected areas: 227426295

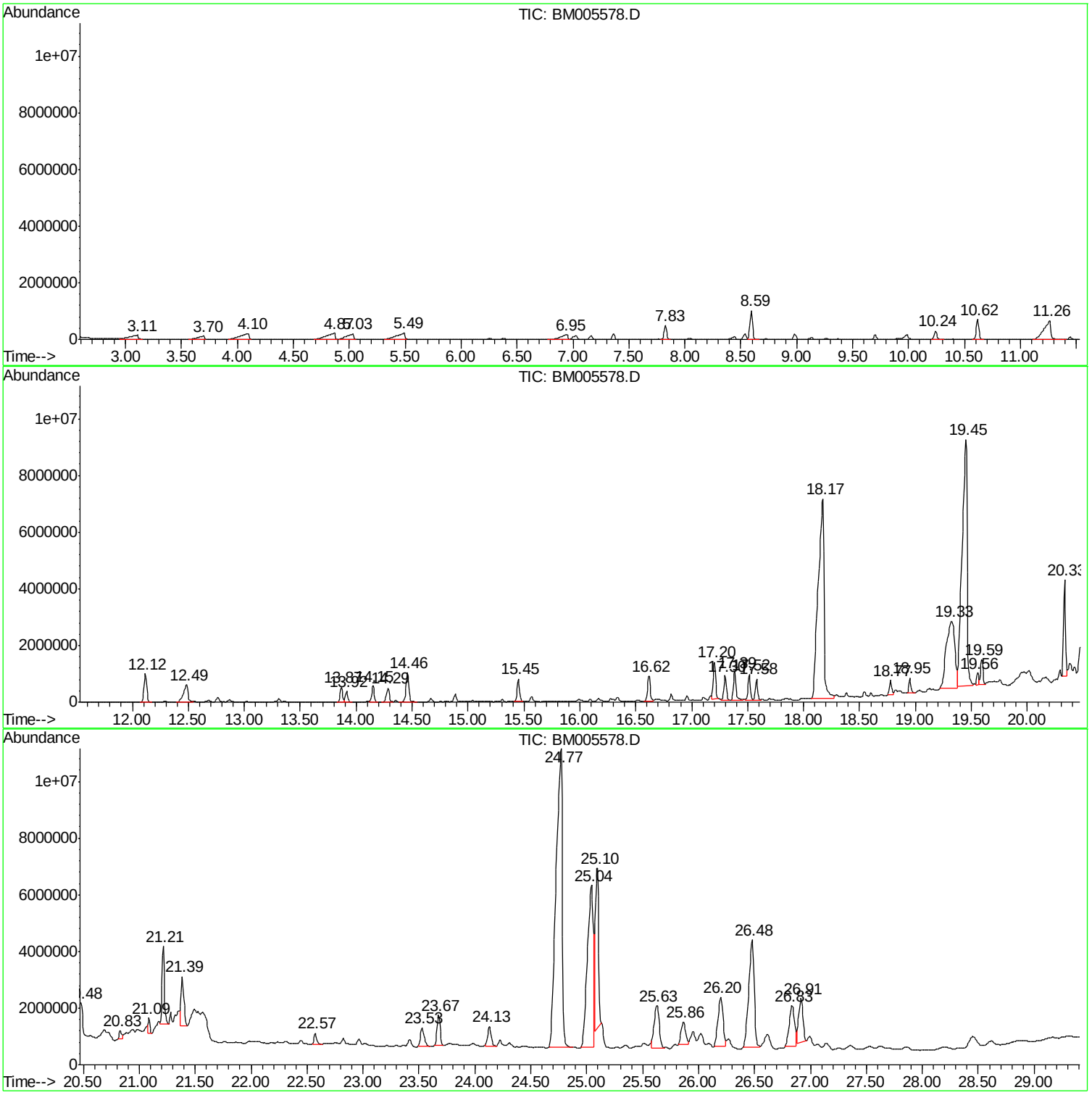
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005578.D
Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.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\BM052116\
Data File : BM005578.D
Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

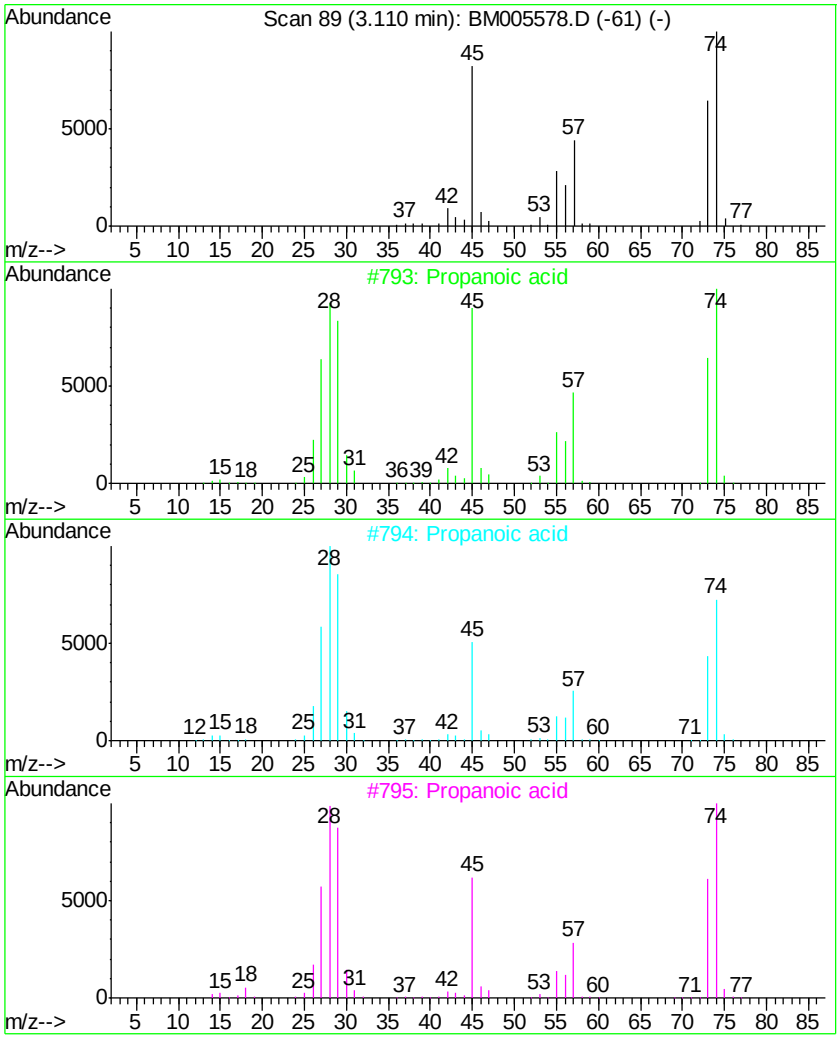
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

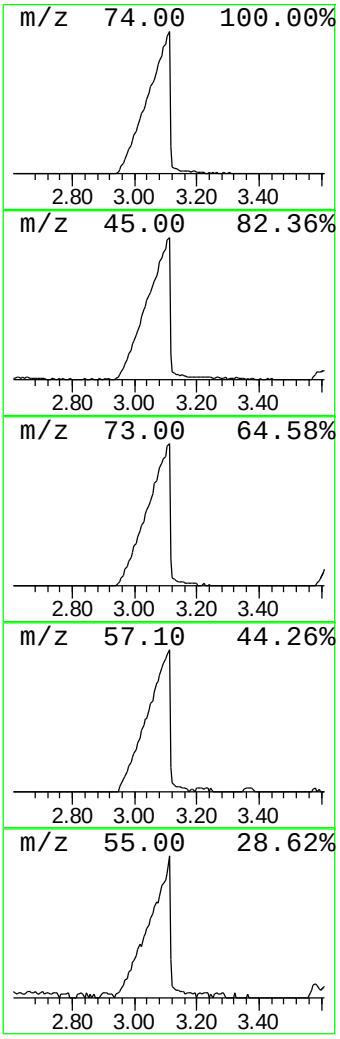
****

Peak Number 1 Propanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	18.05 ng/ul	724080	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid	74	C3H6O2	000079-09-4	91
2	Propanoic acid	74	C3H6O2	000079-09-4	86
3	Propanoic acid	74	C3H6O2	000079-09-4	53
4	Ethyl ether	74	C4H10O	000060-29-7	9
5	Isoxazolidine	73	C3H7NO	000504-72-3	9





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Data File : BM005578.D
Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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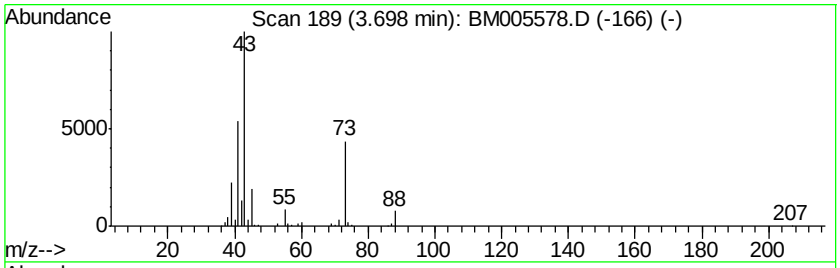
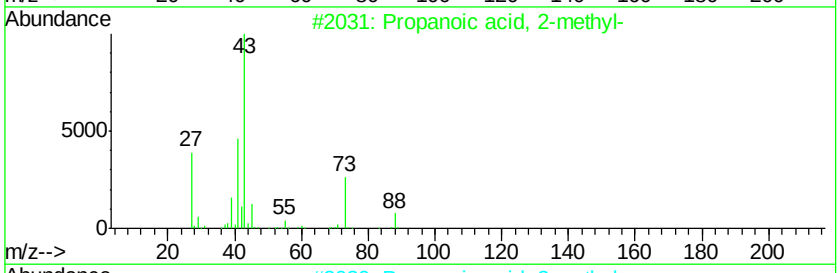
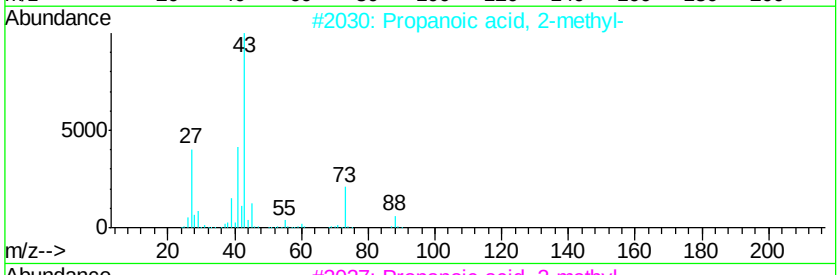
Peak Number 2 Propanoic acid, 2-methyl- Concentration Rank 29

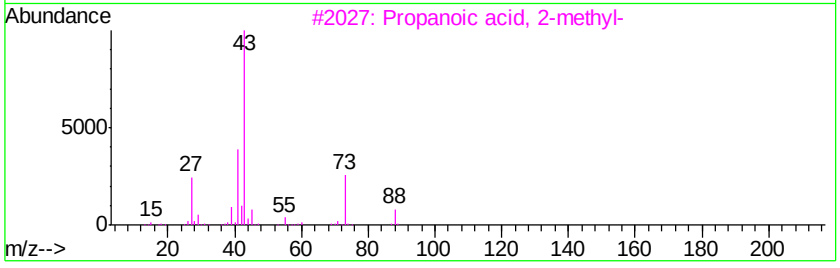
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	11.29 ng/ul	453114	1,4-Dichlorobenzene-d4	7.83

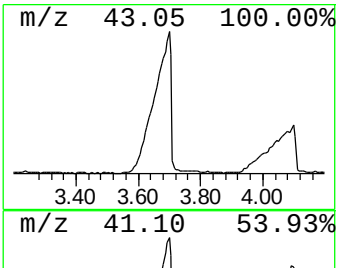
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	90
2	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	83
3	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	83
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	50
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	49

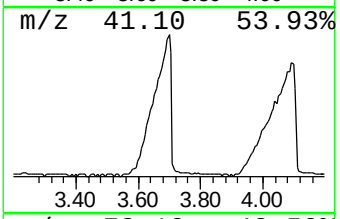


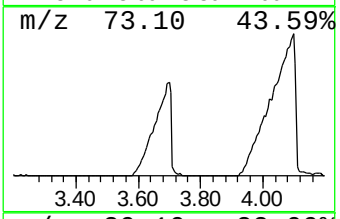


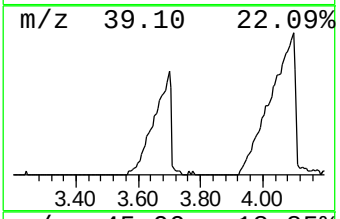


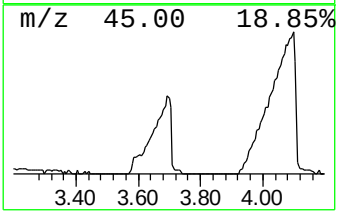












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005578.D
Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

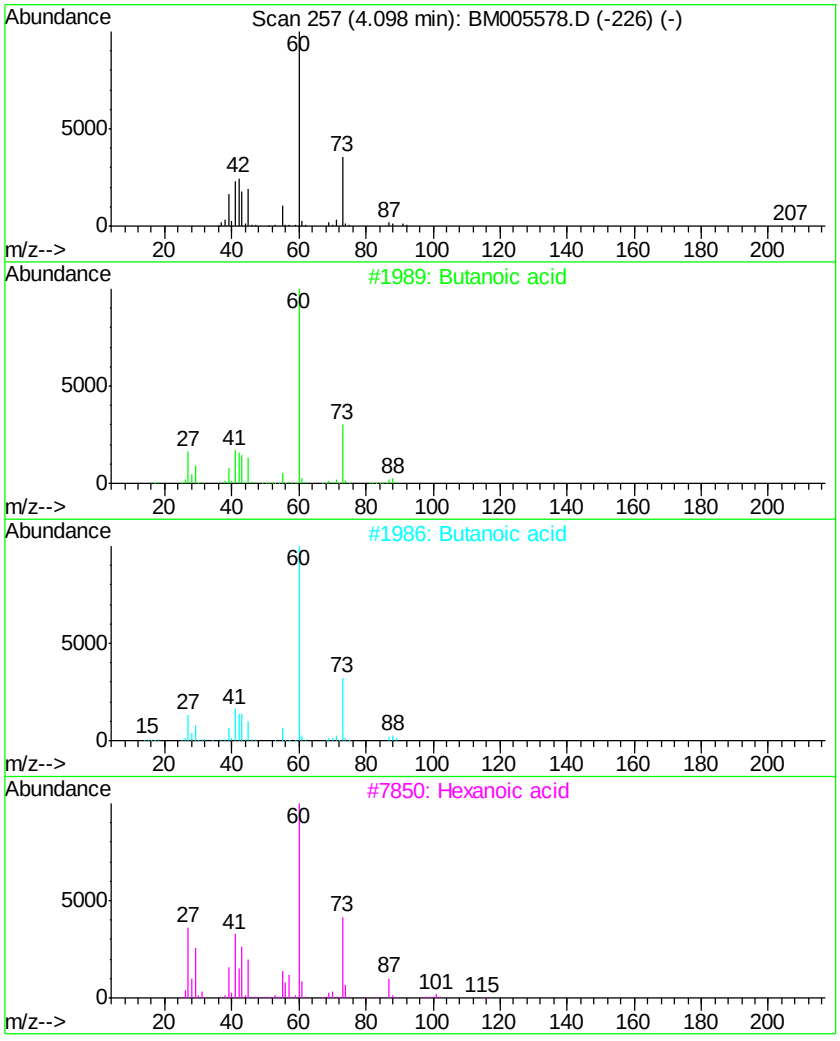
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

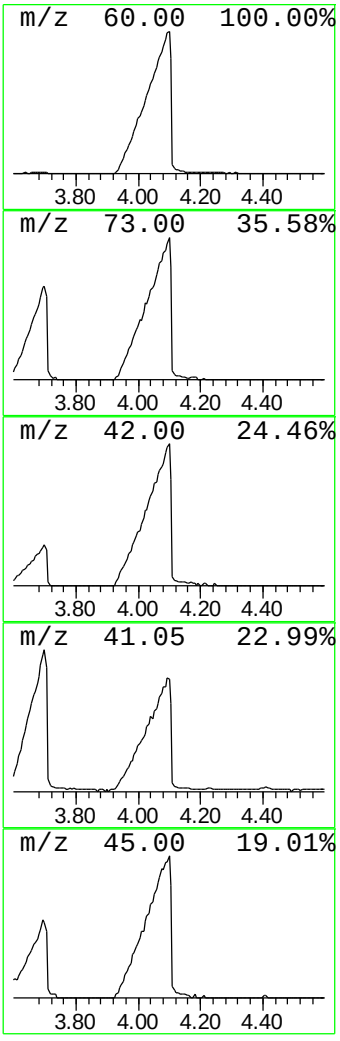
****

Peak Number 3 Butanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	27.87 ng/ul	1118110	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	86
2	Butanoic acid	88	C4H8O2	000107-92-6	72
3	Hexanoic acid	116	C6H12O2	000142-62-1	9
4	Benserazide	257	C10H15N3O5	000322-35-0	9
5	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	9





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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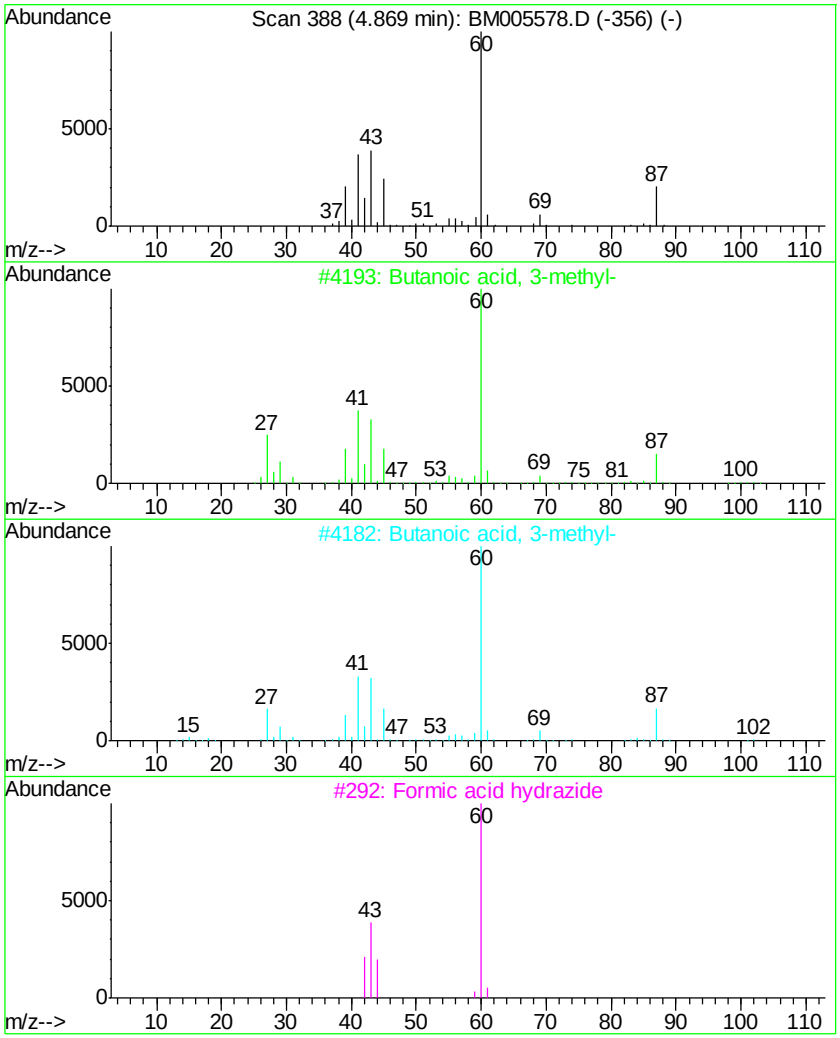
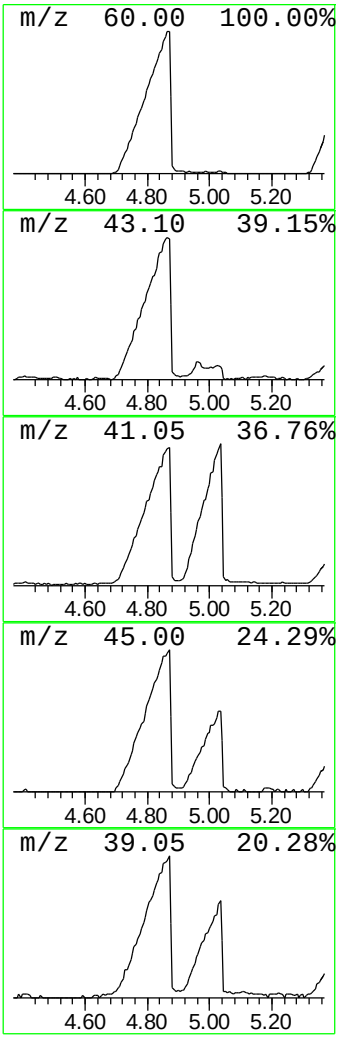
Peak Number 4 Butanoic acid, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	29.82 ng/ul	1196710	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
3	Formic acid hydrazide	60	CH4N2O	000624-84-0	47
4	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	38
5	Pentanoic acid	102	C5H10O2	000109-52-4	33





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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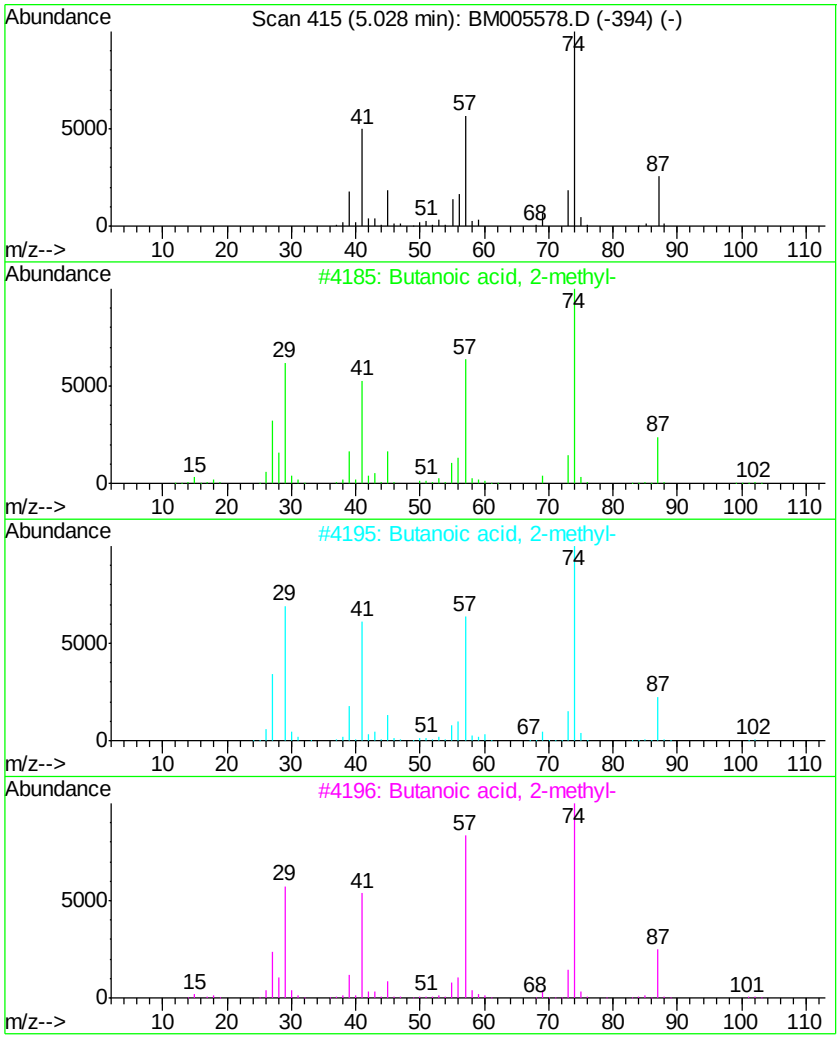
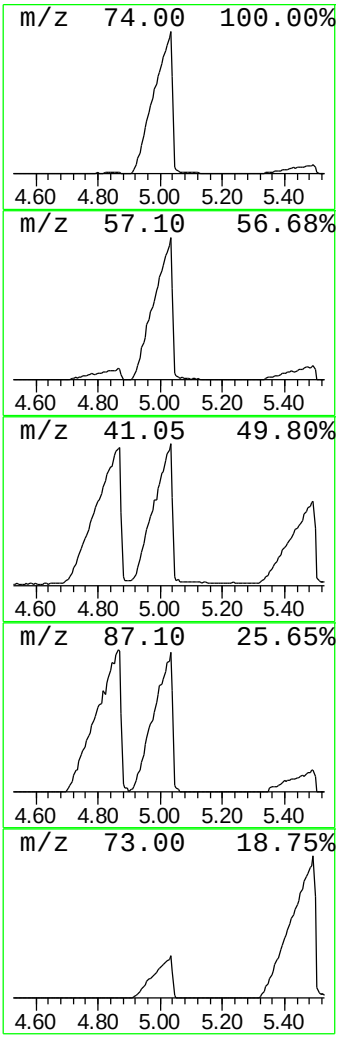
Peak Number 5 Butanoic acid, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	19.71 ng/ul	790898	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	78
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	64
3	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	50
4	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	43
5	Propanoic acid	74	C3H6O2	000079-09-4	25





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Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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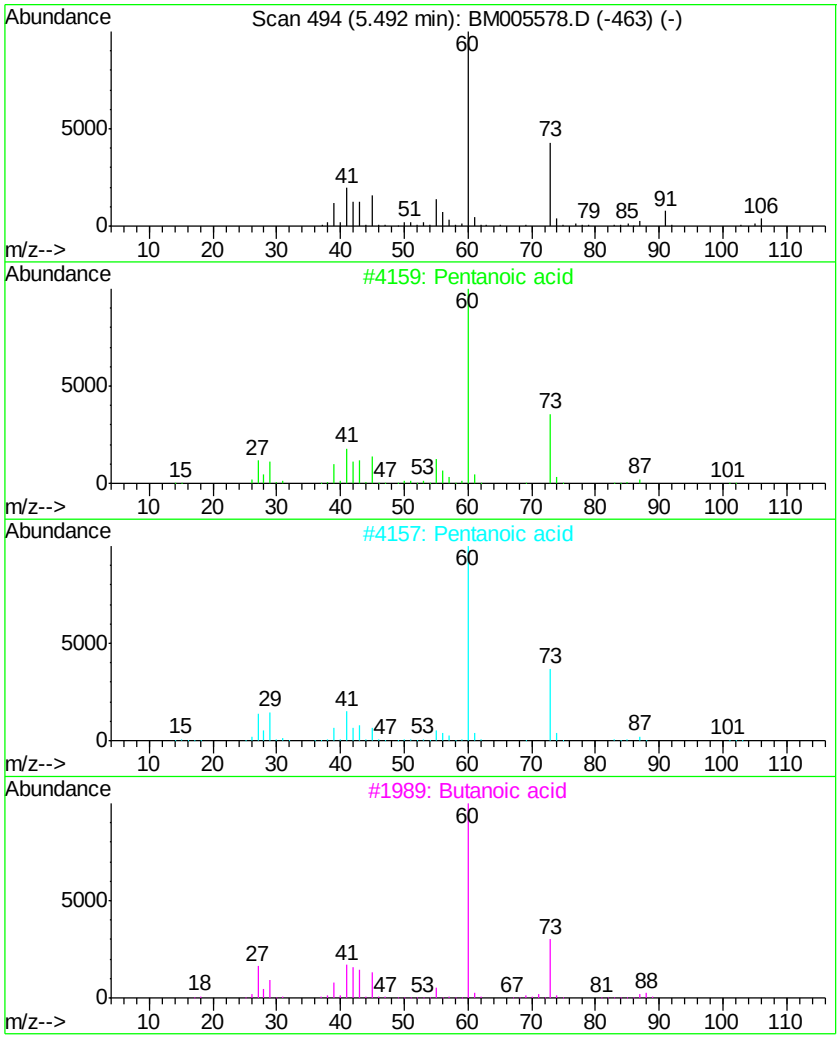
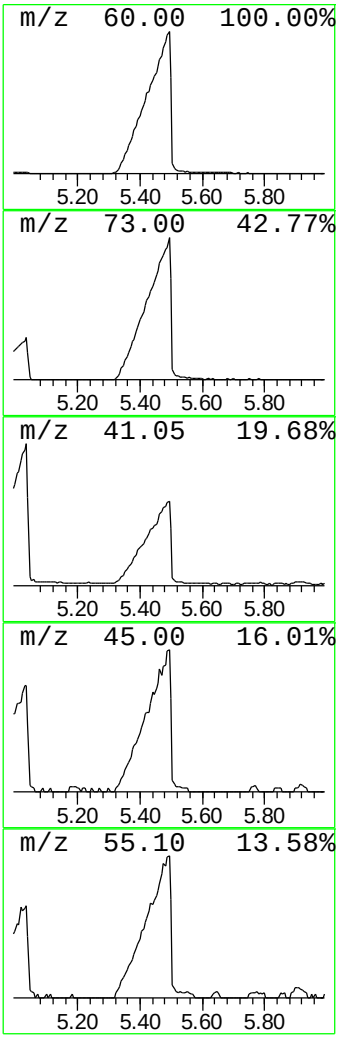
Peak Number 6 Pentanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	29.38 ng/ul	1179070	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	86
2	Pentanoic acid	102	C5H10O2	000109-52-4	72
3	Butanoic acid	88	C4H8O2	000107-92-6	72
4	Butanoic acid	88	C4H8O2	000107-92-6	56
5	Pentanoic acid	102	C5H10O2	000109-52-4	56





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005578.D
Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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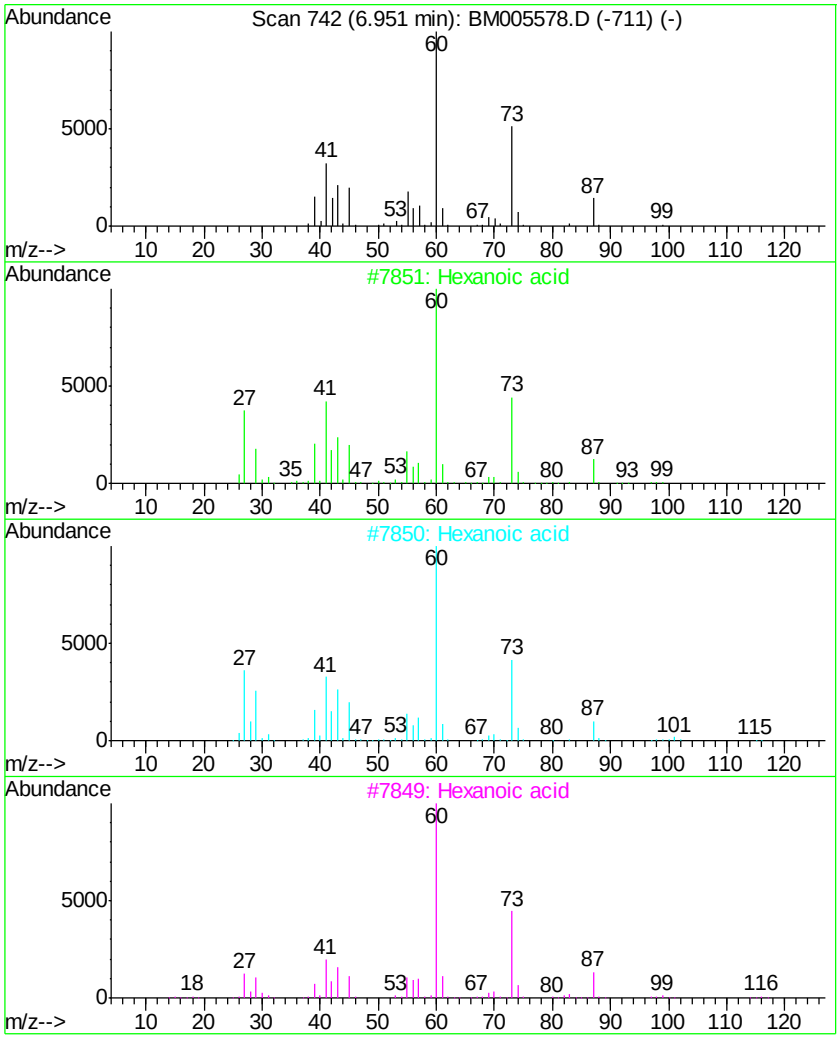
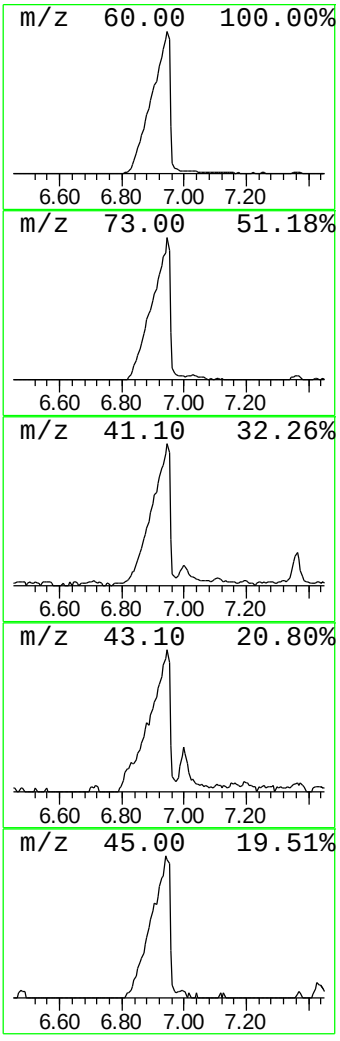
Peak Number 7 Hexanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	18.64 ng/ul	748130	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Hexanoic acid	116	C6H12O2	000142-62-1	83
3	Hexanoic acid	116	C6H12O2	000142-62-1	83
4	Pentanoic acid	102	C5H10O2	000109-52-4	78
5	Pentanoic acid	102	C5H10O2	000109-52-4	72





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Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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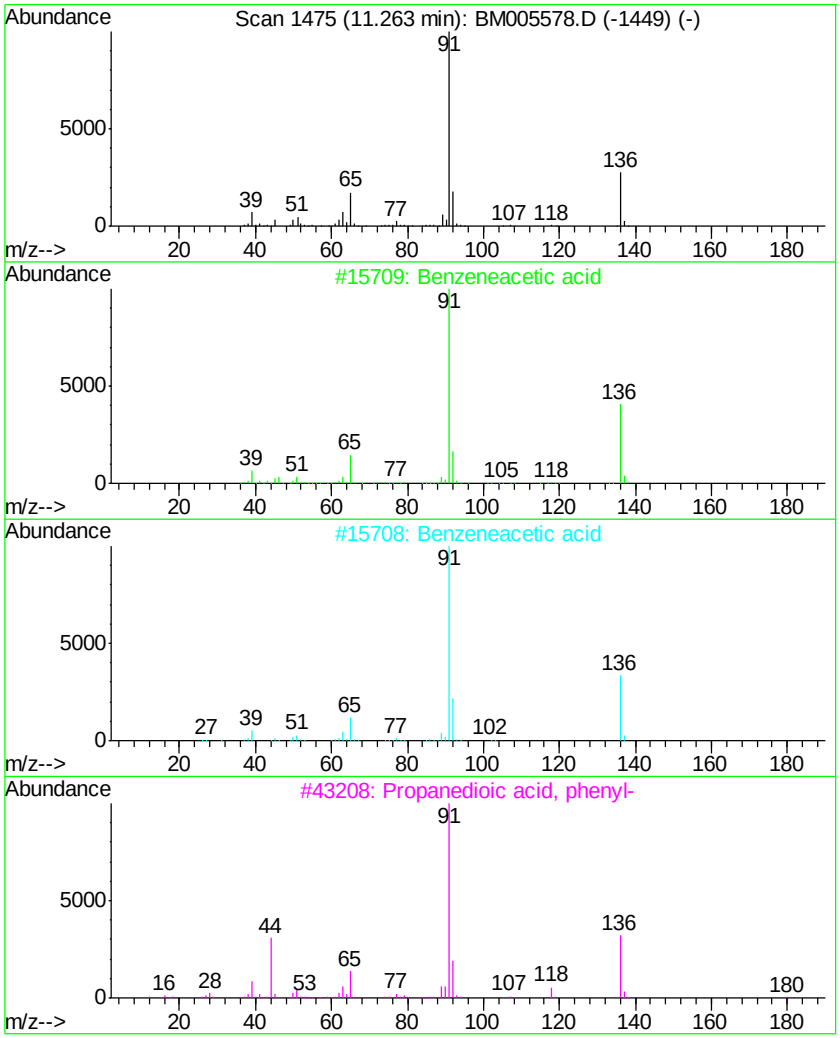
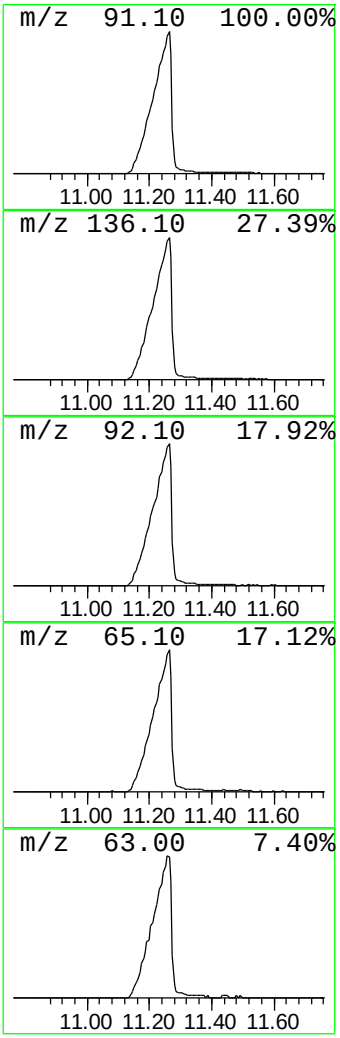
Peak Number 8 Benzeneacetic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	47.14 ng/ul	2872880	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	90
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	87
3	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	78
4	p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	64
5	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	59





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Sample : H3058-20
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Instrument : BNA_M
ClientSampleId : BD3H9

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Quant Title : SVOA CALIBRATION

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

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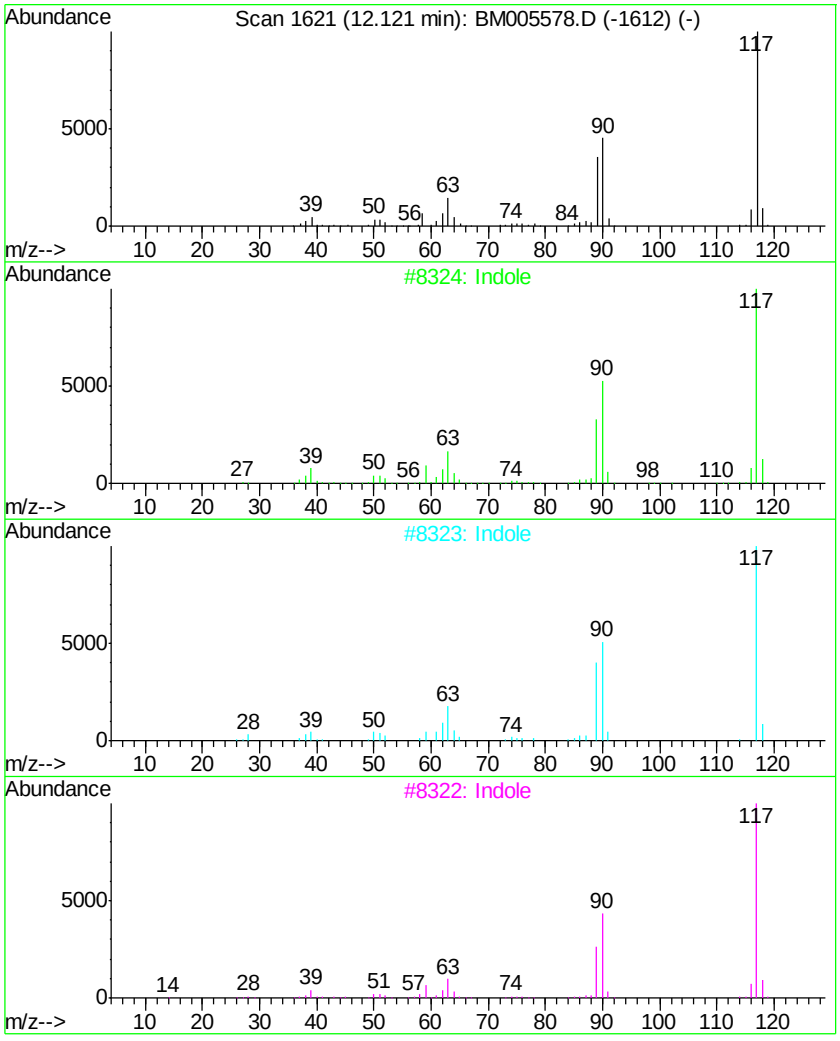
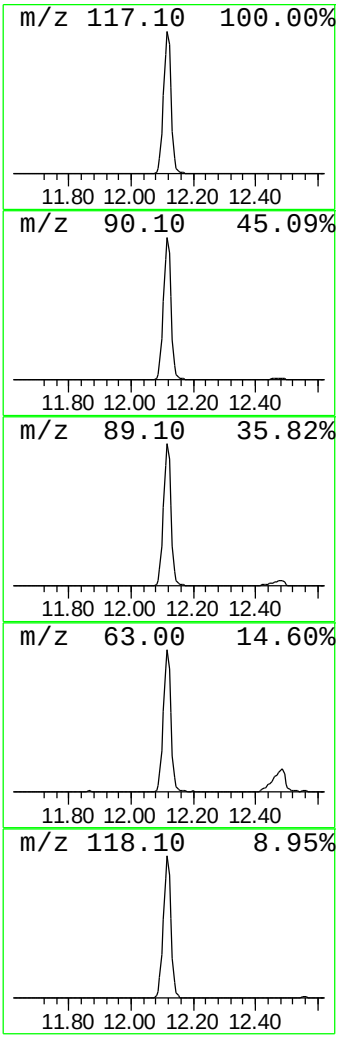
Peak Number 9 Indole Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	27.70 ng/ul	1688410	Naphthalene-d8	10.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole	117	C8H7N	000120-72-9	94
2	Indole	117	C8H7N	000120-72-9	94
3	Indole	117	C8H7N	000120-72-9	91
4	Benzyl nitrile	117	C8H7N	000140-29-4	91
5	Indolizine	117	C8H7N	000274-40-8	90





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Quant Title : SVOA CALIBRATION

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

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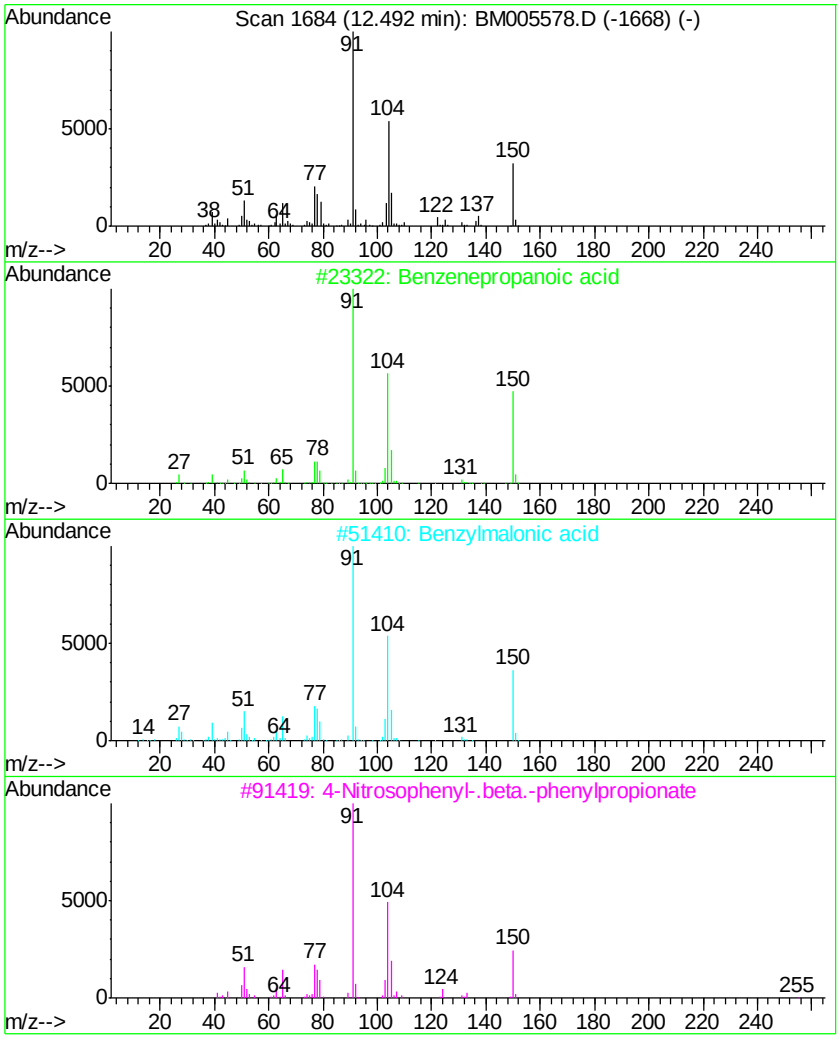
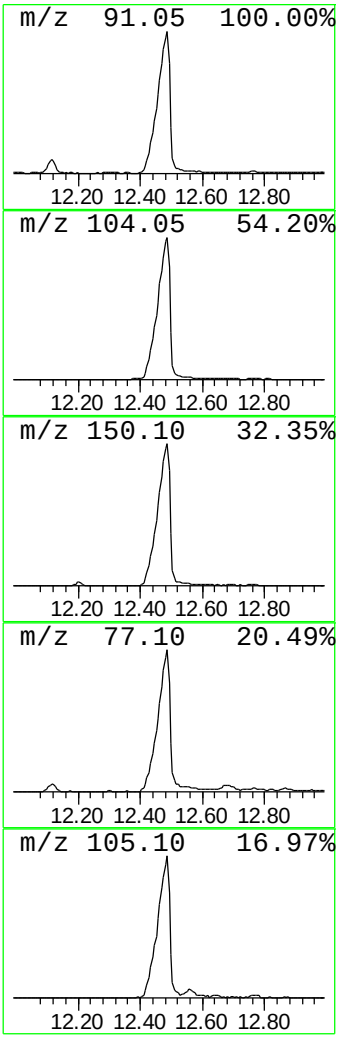
Peak Number 10 Benzenepropanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	27.82 ng/ul	1695760	Naphthalene-d8	10.62

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	91
4	Benzenepropanoic acid	150	C9H10O2	000501-52-0	81
5	Benzenepropanoic acid	150	C9H10O2	000501-52-0	80





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ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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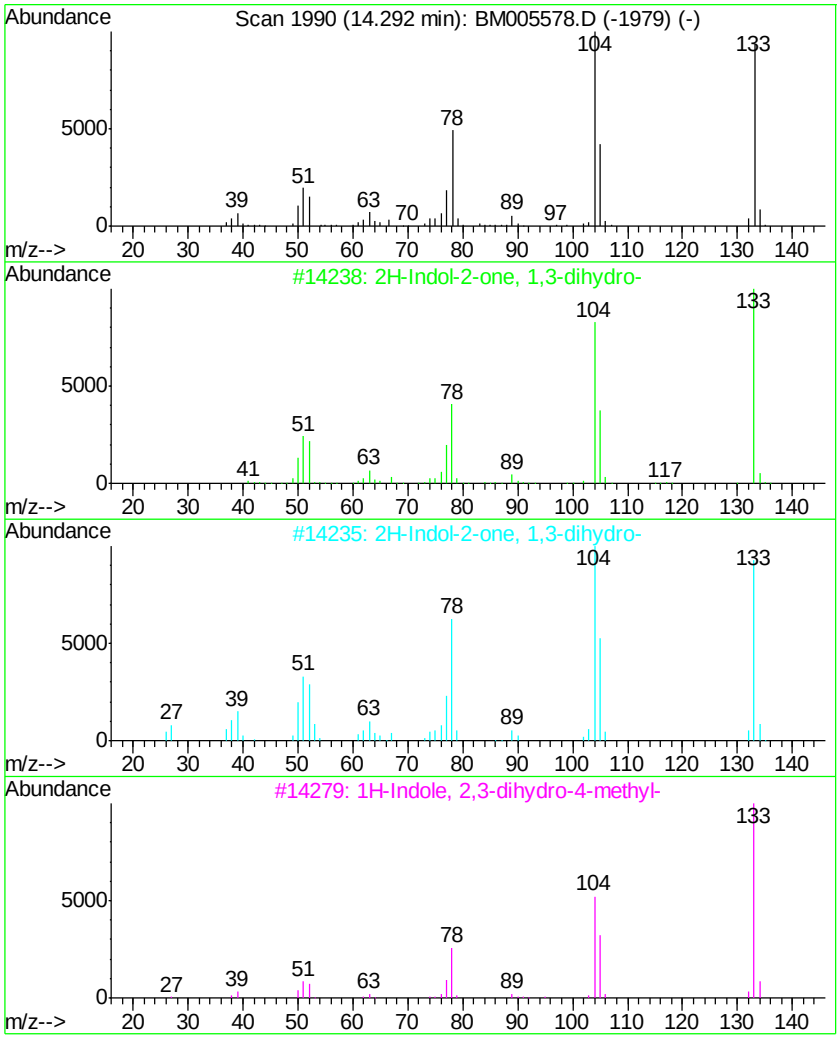
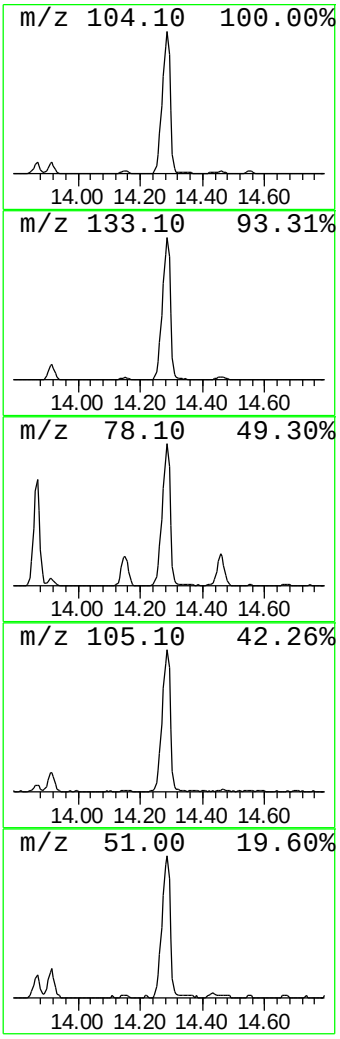
Peak Number 11 2H-Indol-2-one, 1,3-dihydro- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	9.72 ng/ul	892334	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	95
2	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	94
3	1H-Indole, 2,3-dihydro-4-methyl-	133	C9H11N	062108-16-1	94
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	94
5	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	87





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Quant Title : SVOA CALIBRATION

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

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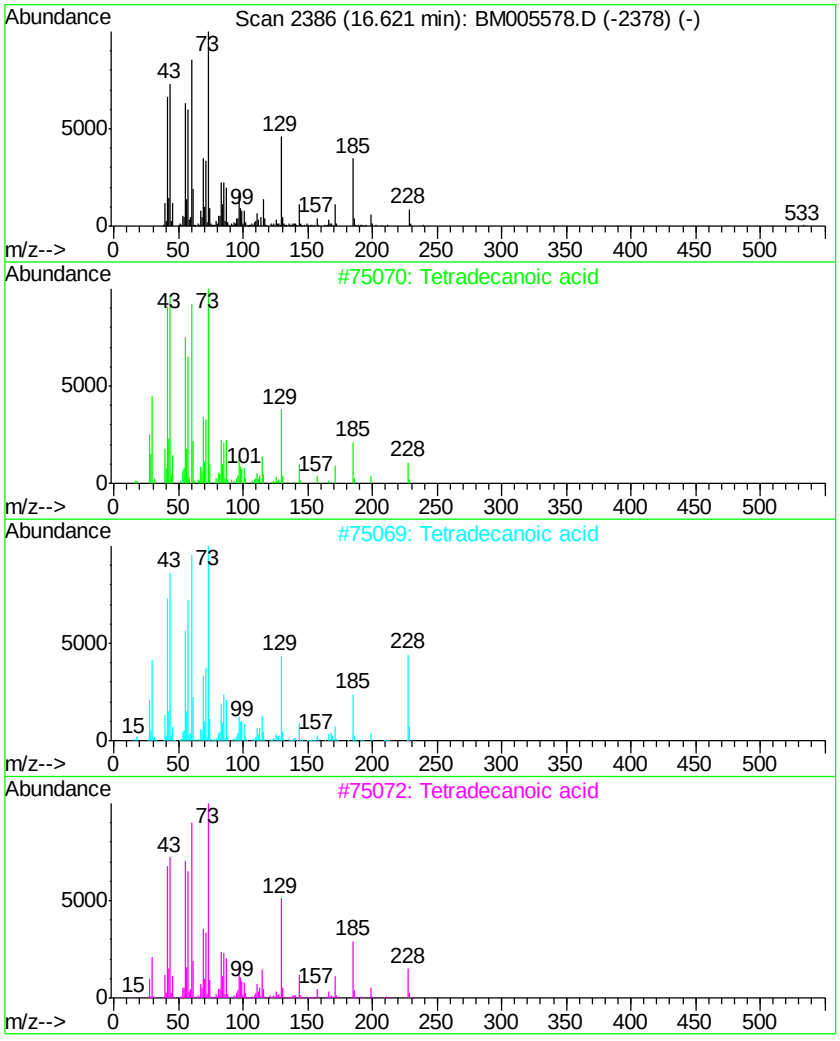
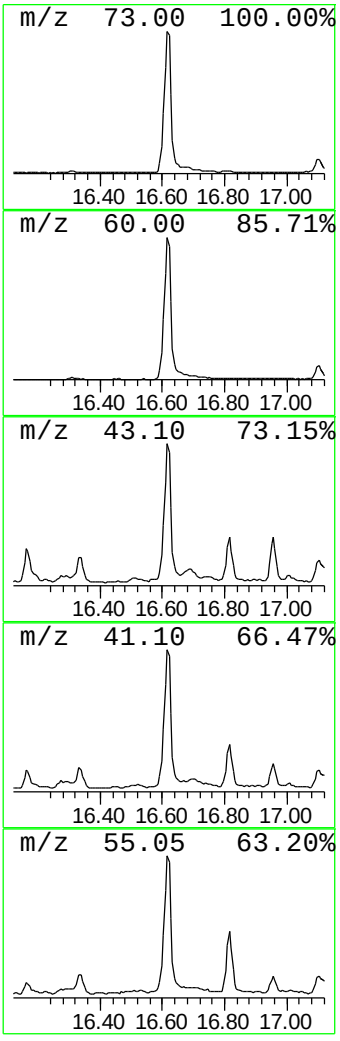
Peak Number 12 Tetradecanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	14.54 ng/ul	1397590	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





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Quant Title : SVOA CALIBRATION

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

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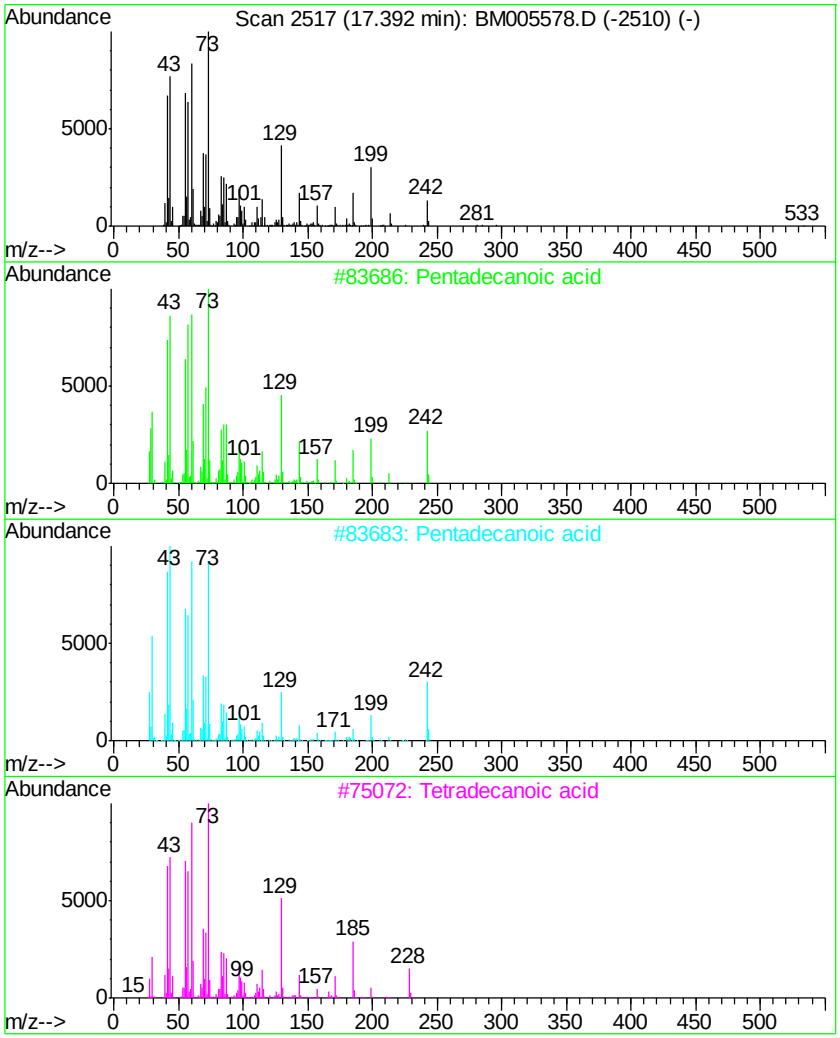
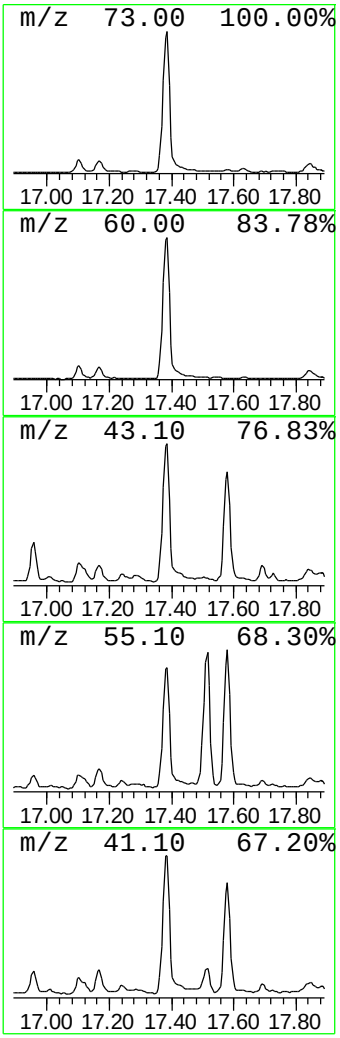
Peak Number 13 Pentadecanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	16.52 ng/ul	1587220	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





Library Search Compound Report

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Sample : H3058-20
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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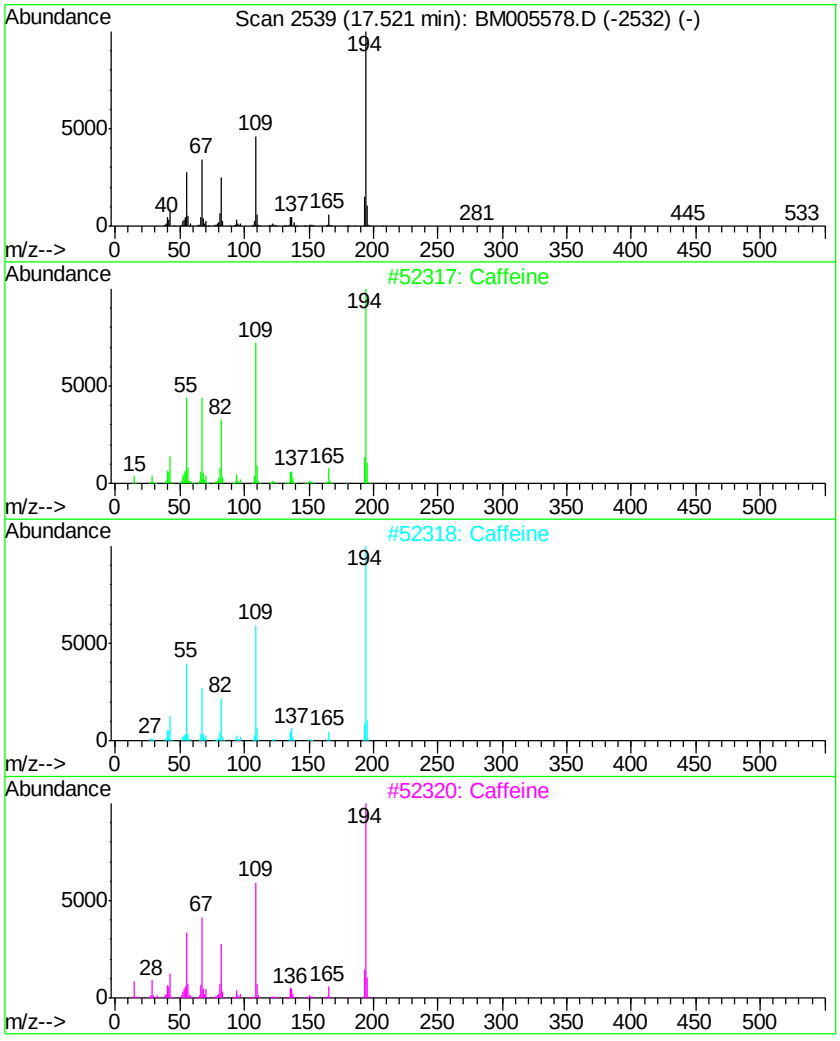
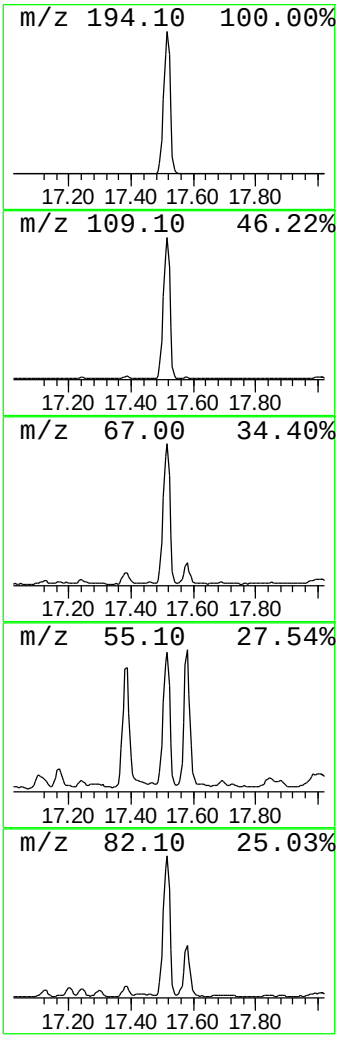
Peak Number 14 Caffeine Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	13.80 ng/ul	1325600	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caffeine	194	C8H10N4O2	000058-08-2	98
2	Caffeine	194	C8H10N4O2	000058-08-2	95
3	Caffeine	194	C8H10N4O2	000058-08-2	94
4	Caffeine	194	C8H10N4O2	000058-08-2	91
5	1,4-Dimethyl-4,5,7,8-tetrahydroi...	194	C8H10N4O2	130063-15-9	53





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Quant Title : SVOA CALIBRATION

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

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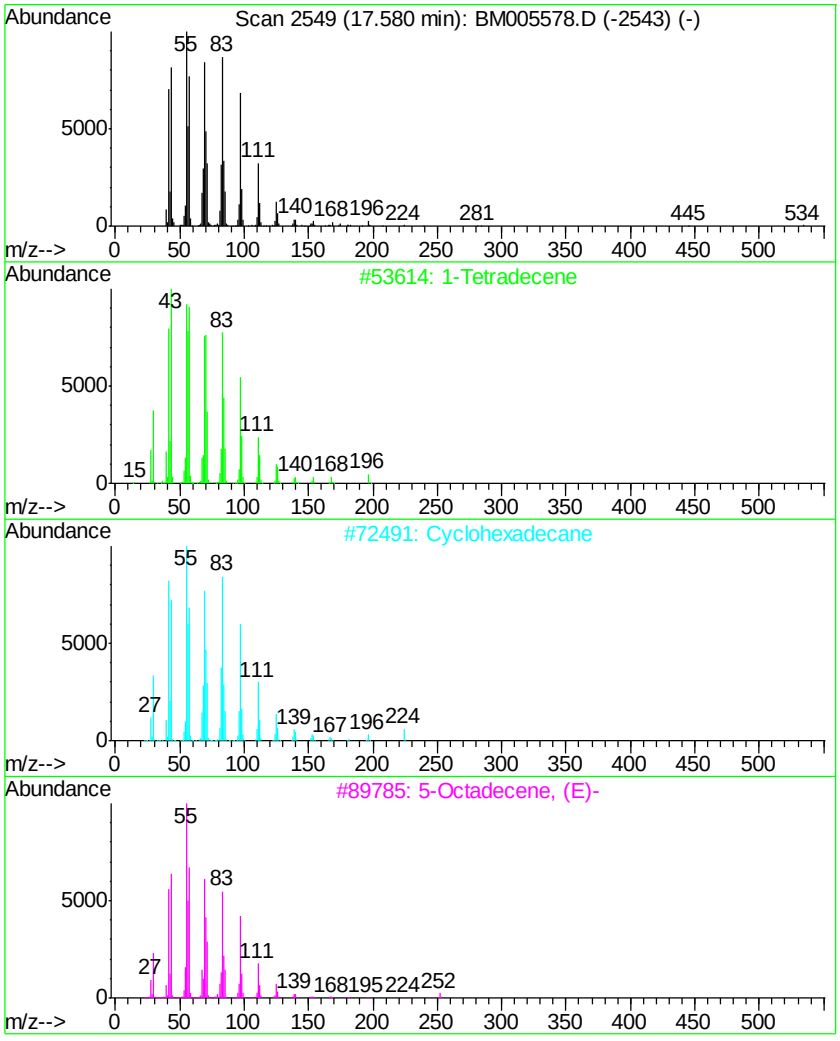
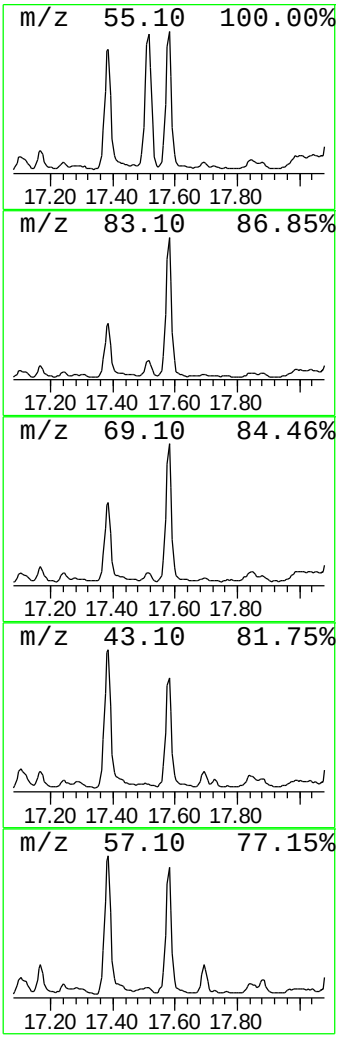
Peak Number 15 (DEL) Alkane: Cyclic17.58 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	10.18 ng/ul	978370	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	95
2	Cyclohexadecane	224	C16H32	000295-65-8	91
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	Cyclotetradecane	196	C14H28	000295-17-0	91
5	1-Pentadecanol	228	C15H32O	000629-76-5	91





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Quant Title : SVOA CALIBRATION

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

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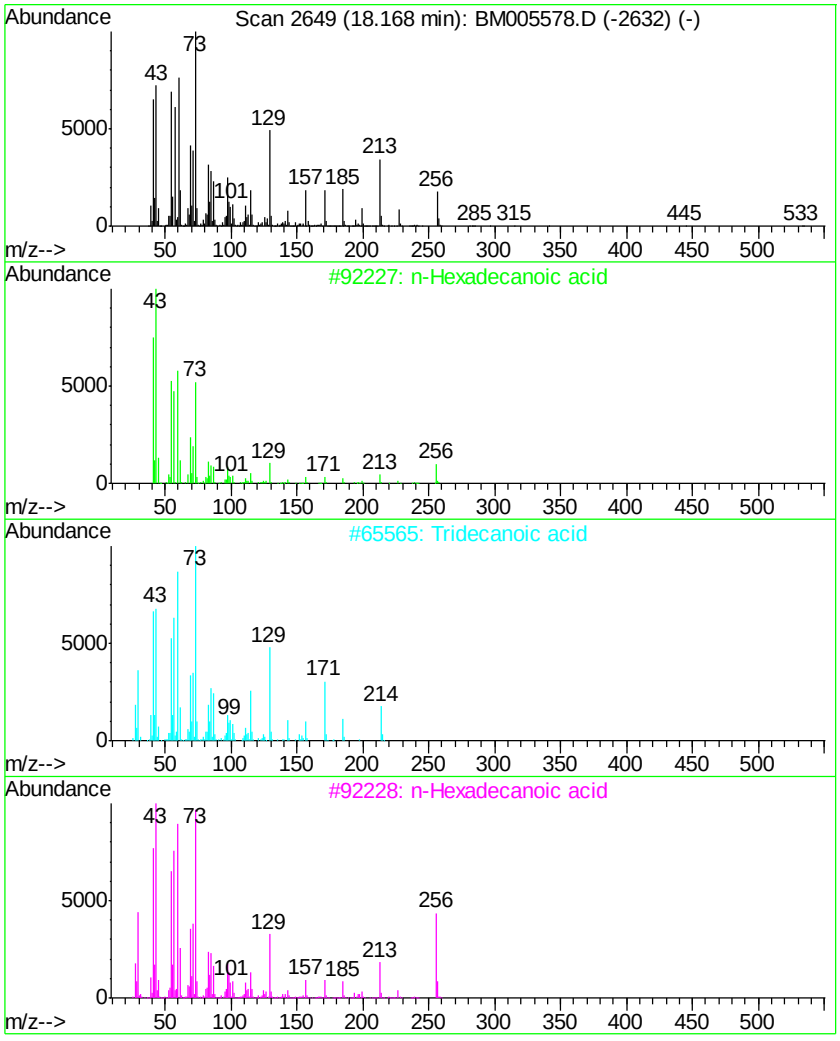
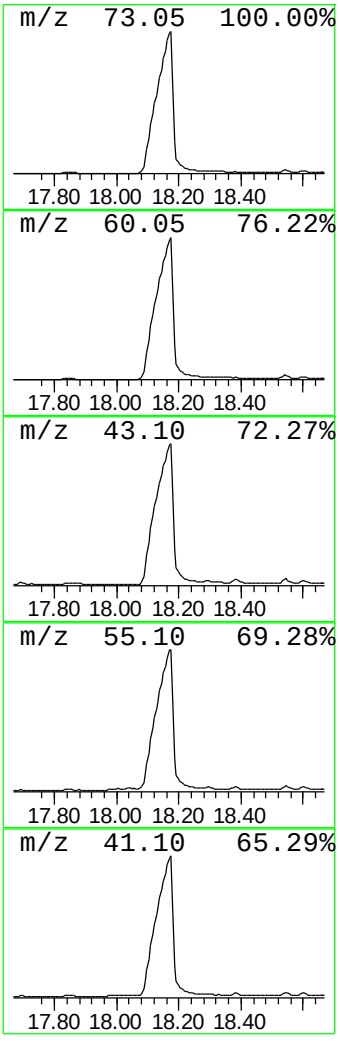
Peak Number 16 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	264.43 ng/ul	25409300	Phenanthrene-d10	17.20

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	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





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Quant Title : SVOA CALIBRATION

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

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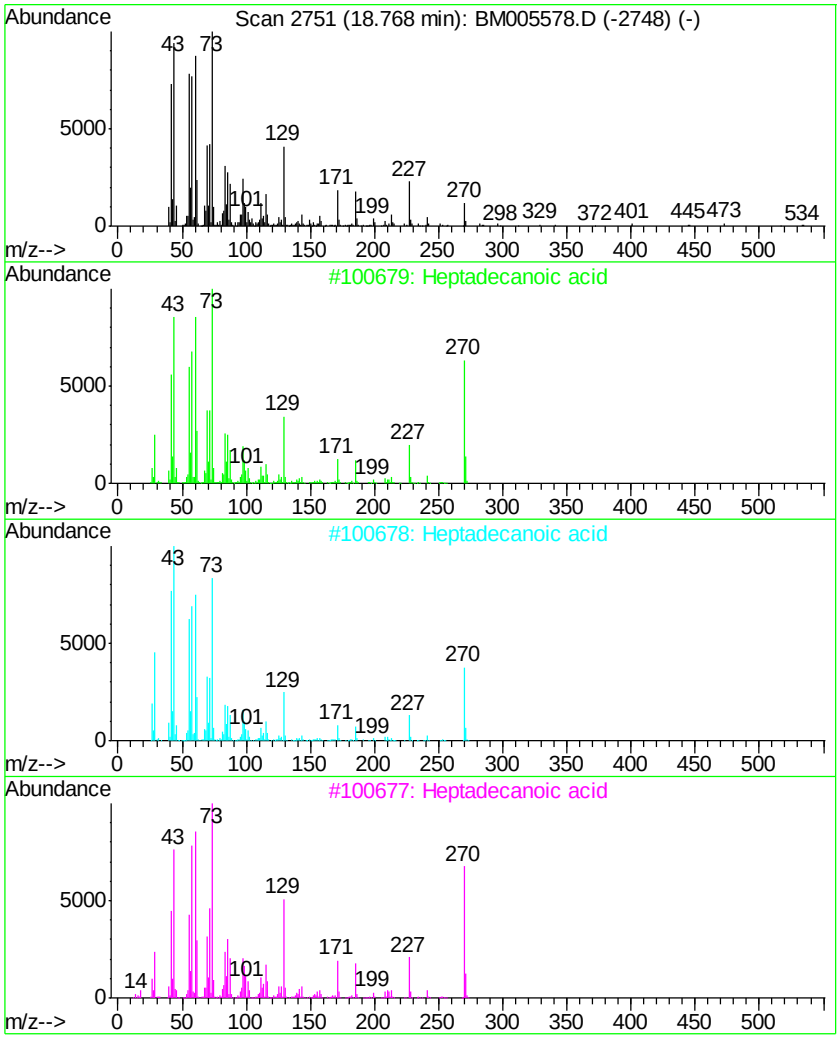
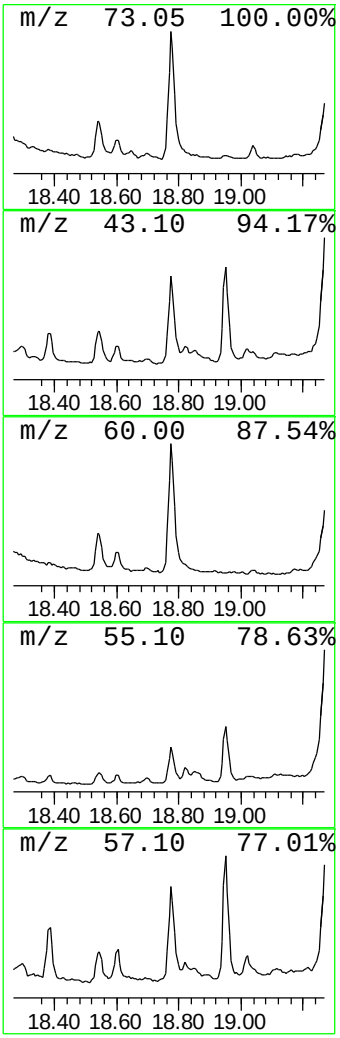
Peak Number 17 Heptadecanoic acid Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	8.00 ng/ul	768417	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	93
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	93
3	Heptadecanoic acid	270	C17H34O2	000506-12-7	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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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 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	6.87 ng/ul	659871	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	1-Nonadecanol	284	C19H40O	001454-84-8	95
3	1-Octadecanol	270	C18H38O	000112-92-5	94
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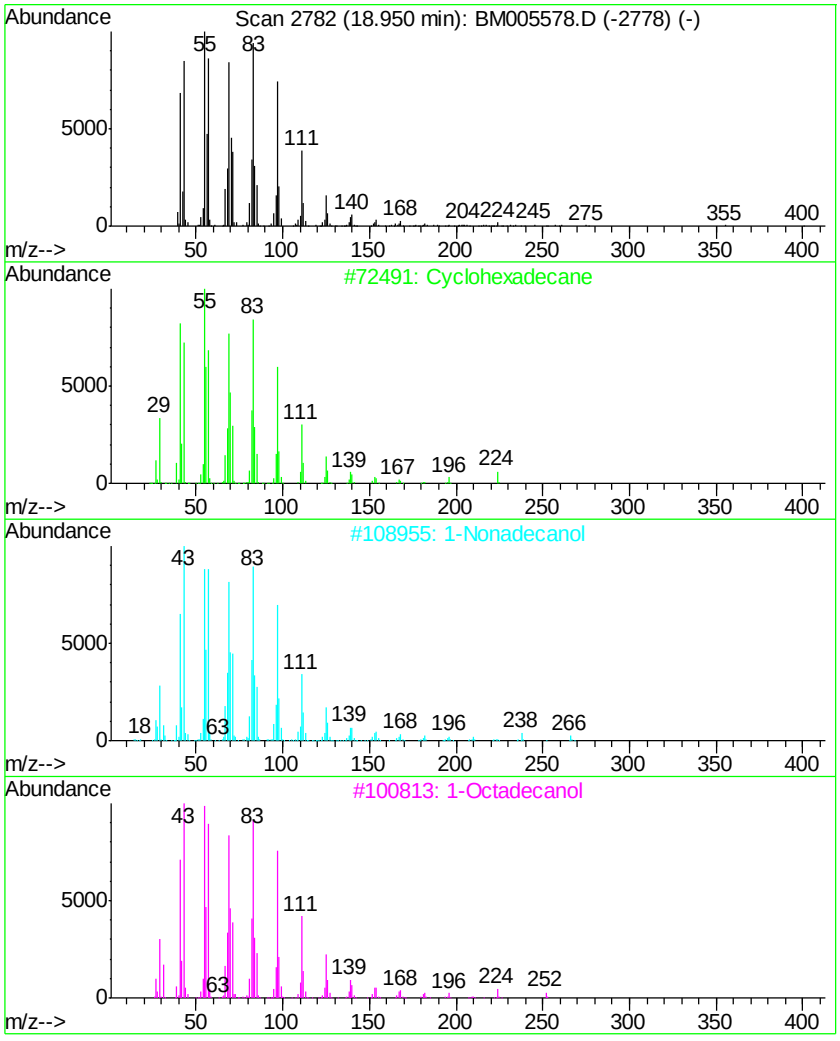
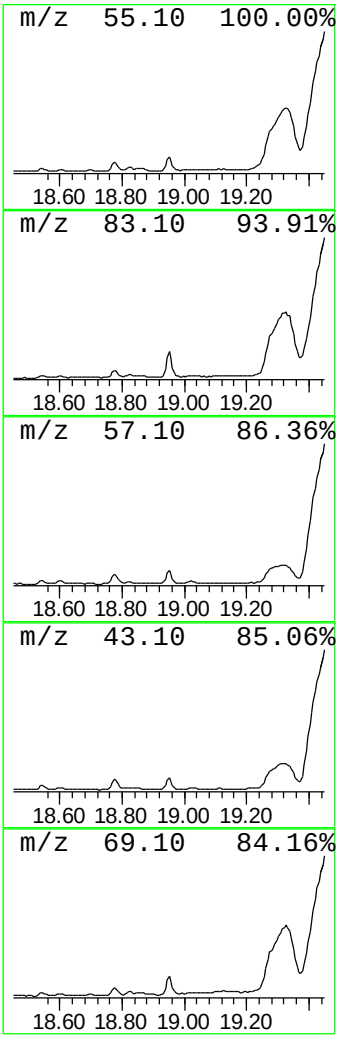
5	1-Nonadecene	266	C19H38	018435-45-5	91





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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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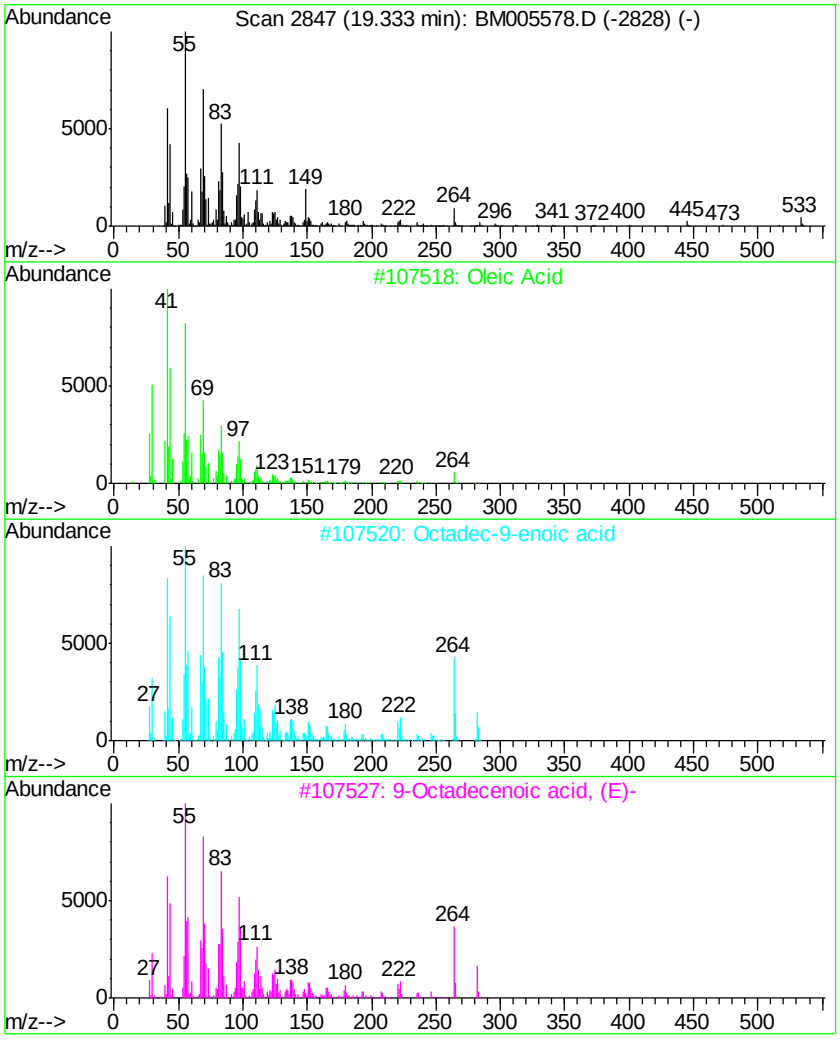
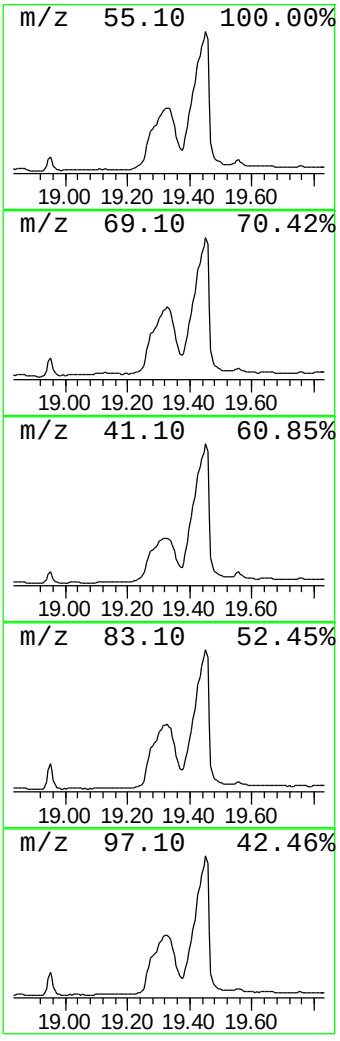
Peak Number 19 Oleic Acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	79.39 ng/ul	12448600	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	99
2	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	97
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	81
4	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	78
5	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	74





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005578.D
Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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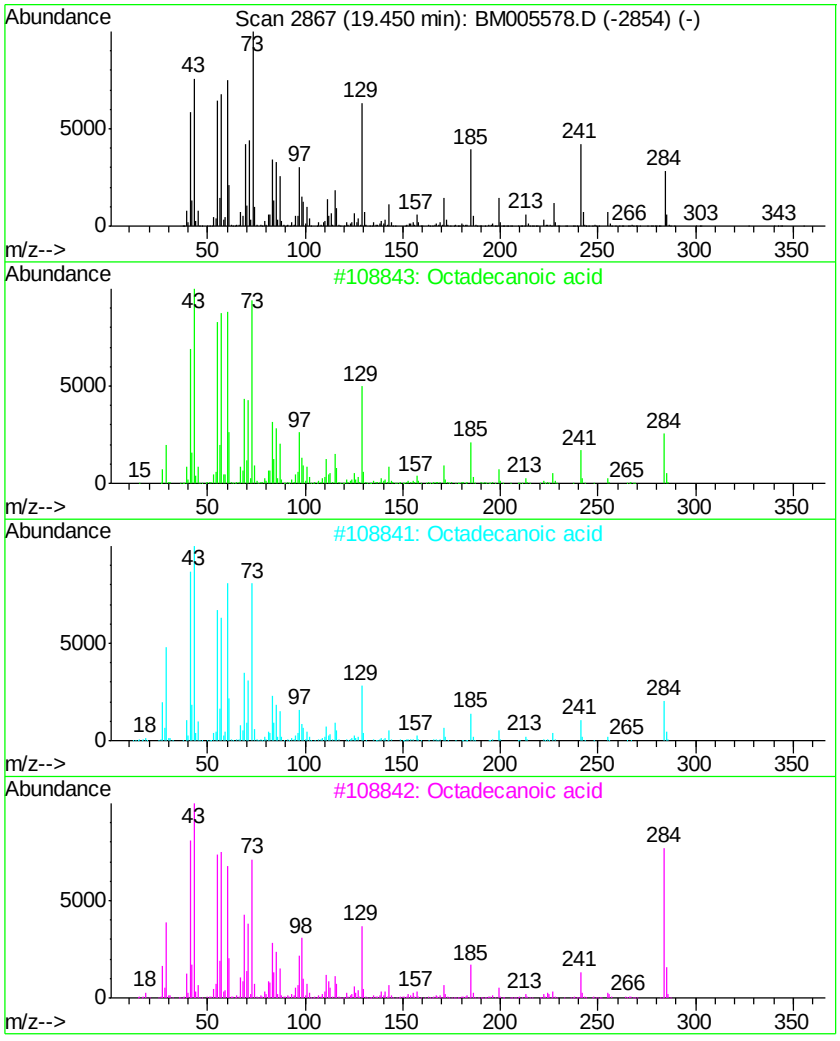
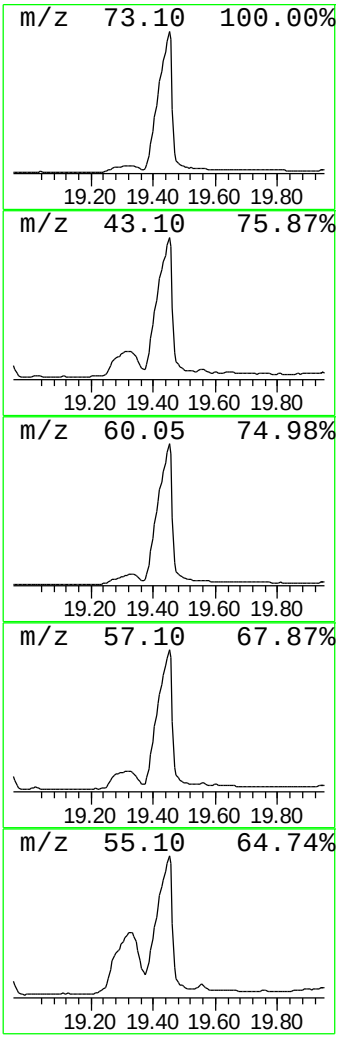
Peak Number 20 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	171.27 ng/ul	26856700	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	86





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Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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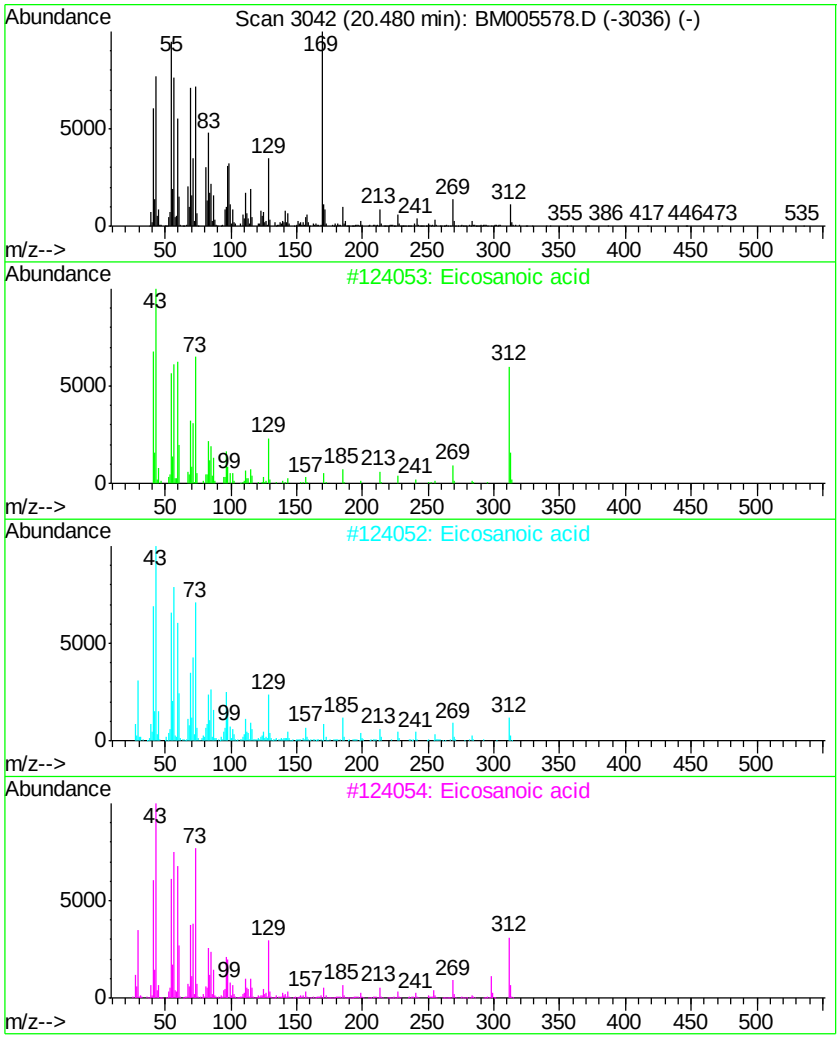
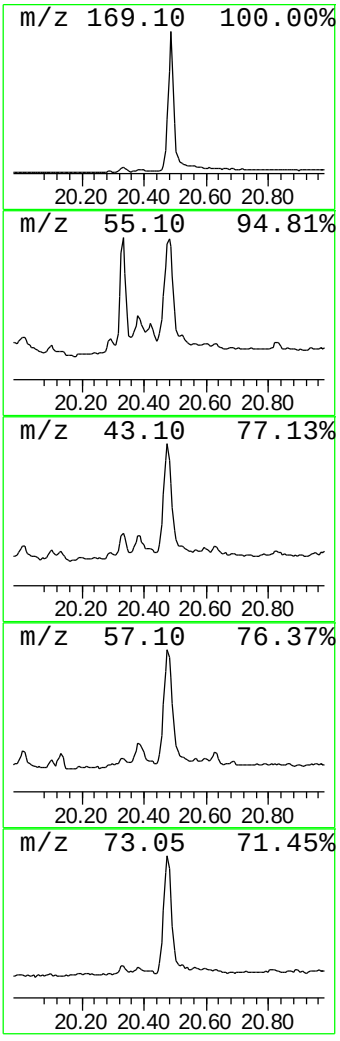
Peak Number 22 Eicosanoic acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	15.00 ng/ul	2351340	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid	312	C20H40O2	000506-30-9	96
2	Eicosanoic acid	312	C20H40O2	000506-30-9	80
3	Eicosanoic acid	312	C20H40O2	000506-30-9	46
4	17-Pentatriacontene	491	C35H70	006971-40-0	35
5	4-Allyl-2-t-butyl-[1,3]dioxolane...	286	C15H26O3S	098041-27-1	30





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Data File : BM005578.D
Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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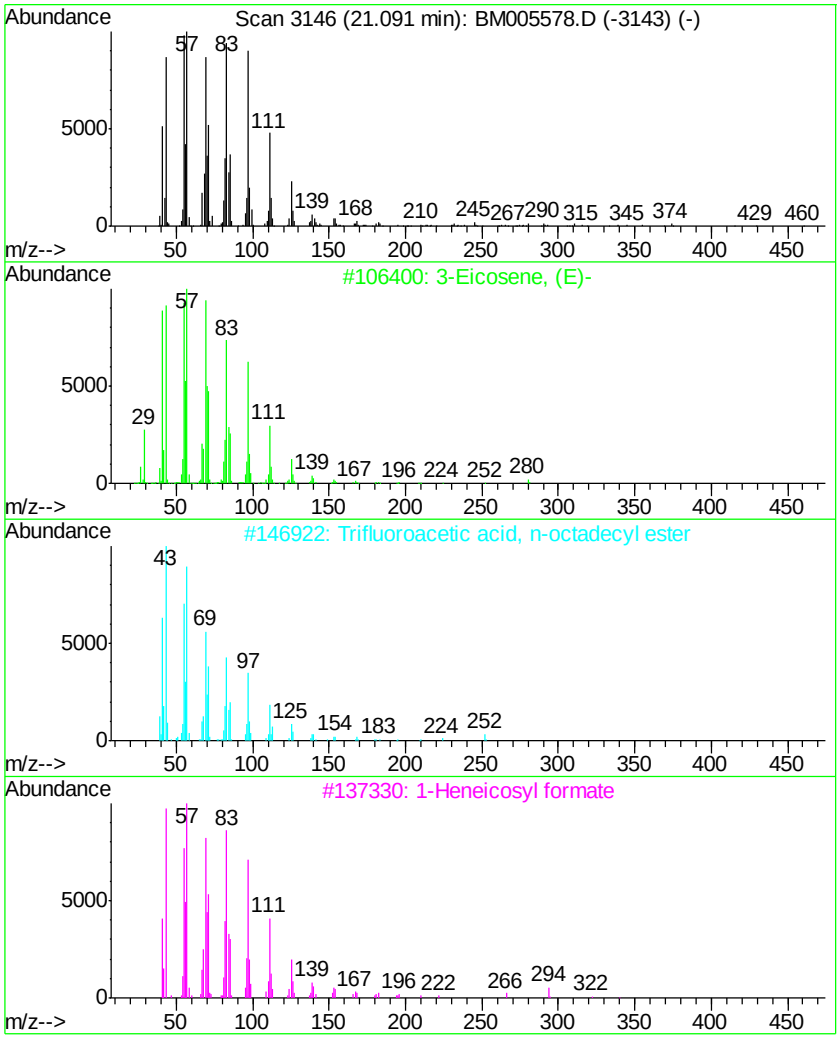
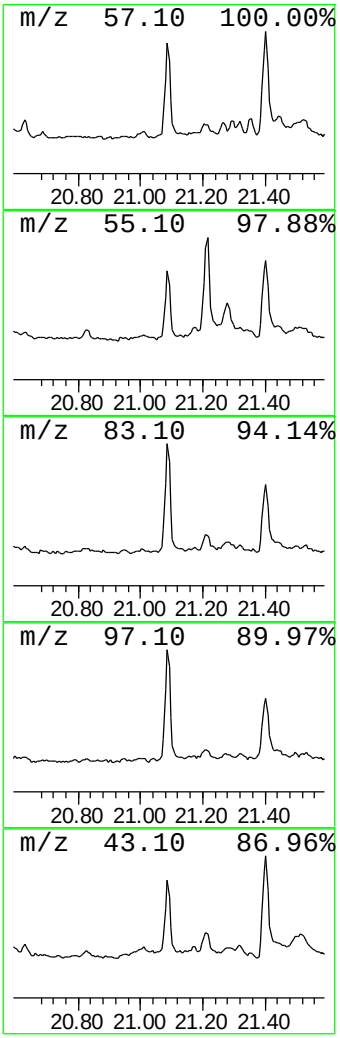
Peak Number 24 (DEL) Alkane: Cyclic21.09 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	3.68 ng/ul	577519	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91





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Data File : BM005578.D
Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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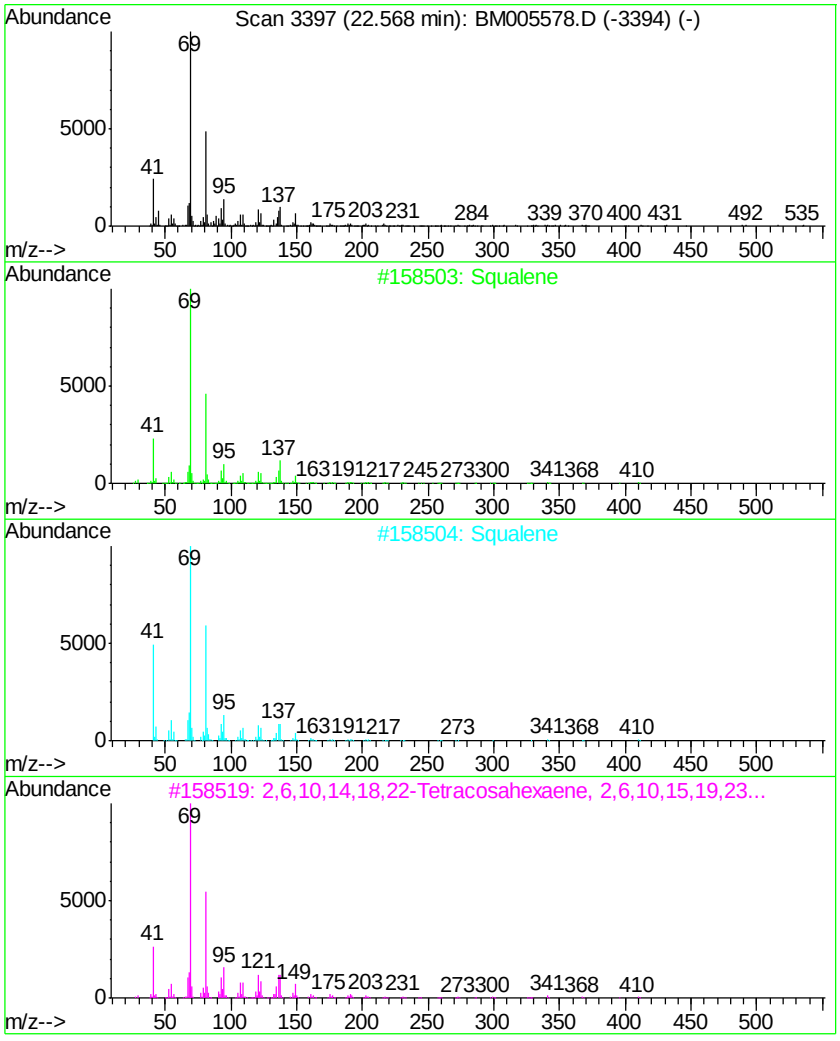
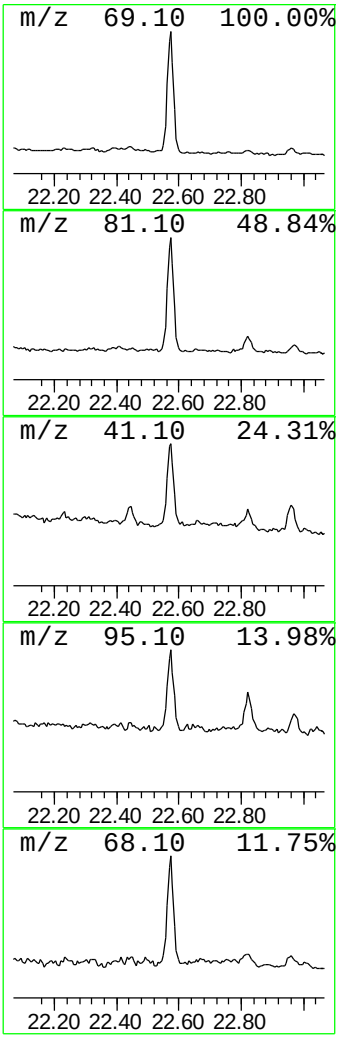
Peak Number 26 Squalene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	5.97 ng/ul	633601	Perylene-d12	23.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	98
2	Squalene	410	C30H50	007683-64-9	92
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	78
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	64
5	.beta.-D-Mannofuranoside, farnesyl-	384	C21H36O6	1000155-15-5	64





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Data File : BM005578.D
Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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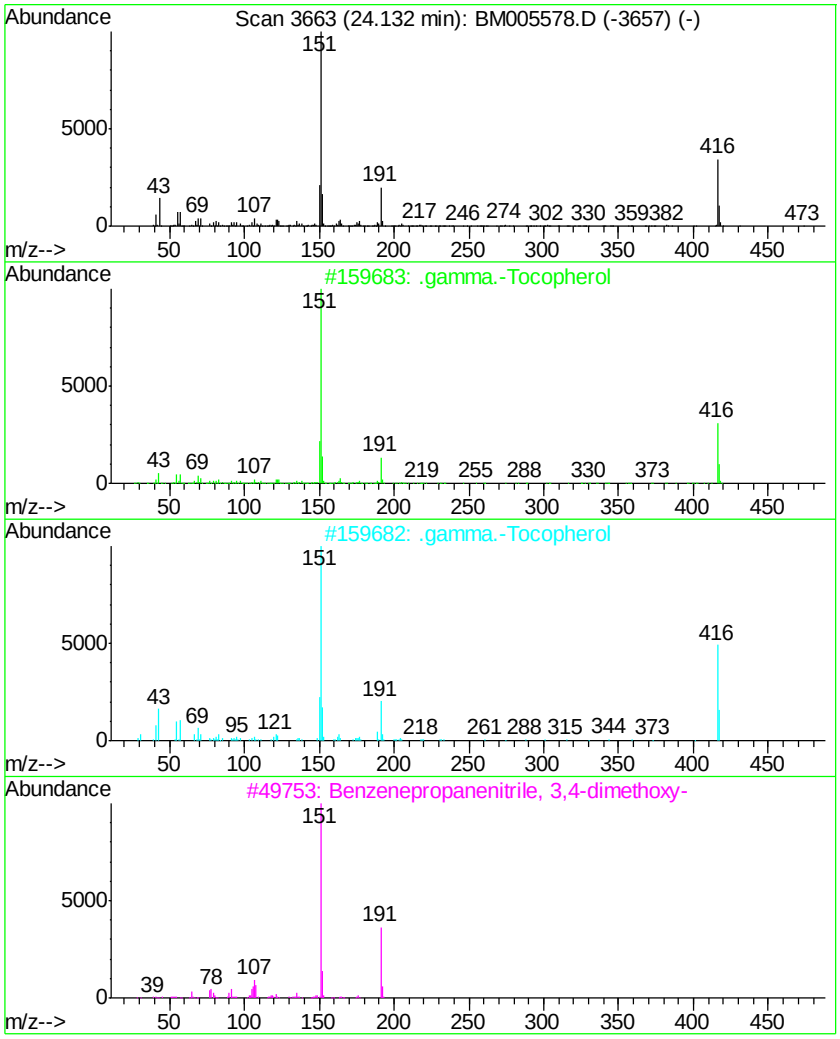
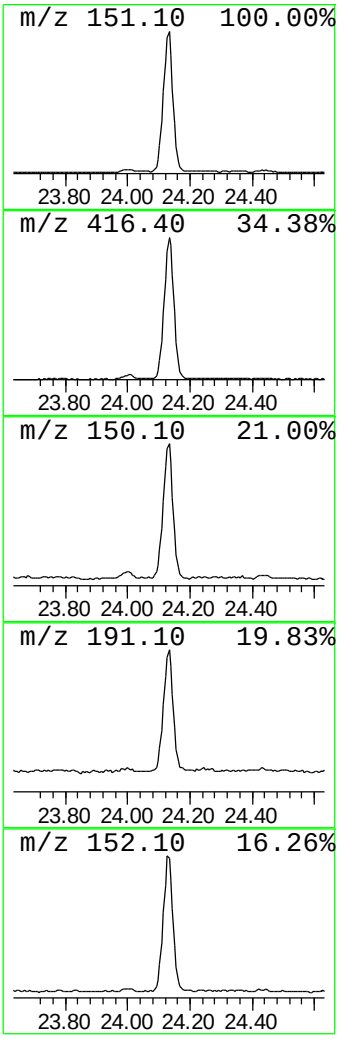
Peak Number 27 .gamma.-Tocopherol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	14.19 ng/ul	1506480	Perylene-d12	23.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	99
2	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	95
3	Benzenepropanenitrile, 3,4-dimet...	191	C11H13NO2	049621-56-9	52
4	Benzeneethanamine, N-[(3,4-dimet...	331	C19H25NO4	055124-87-3	38
5	3,4-Dihydro-3,5,8-trimethyl-3-(4...	458	C30H50O3	1000105-71-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005578.D
Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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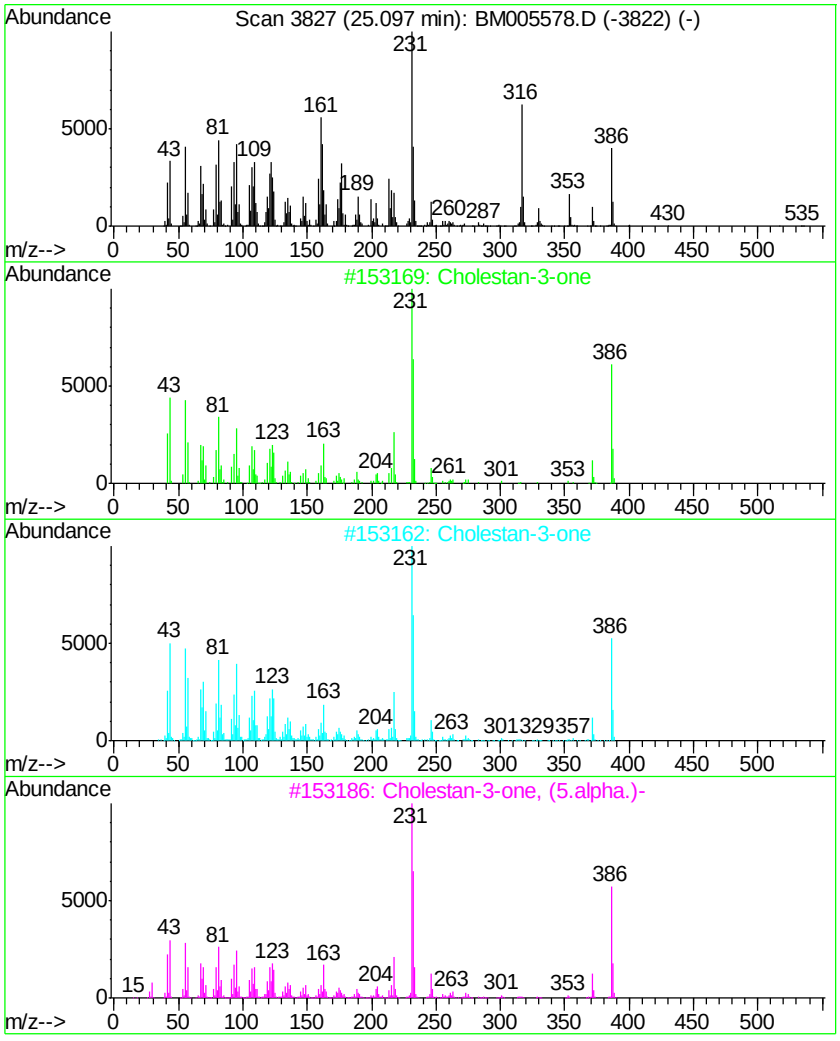
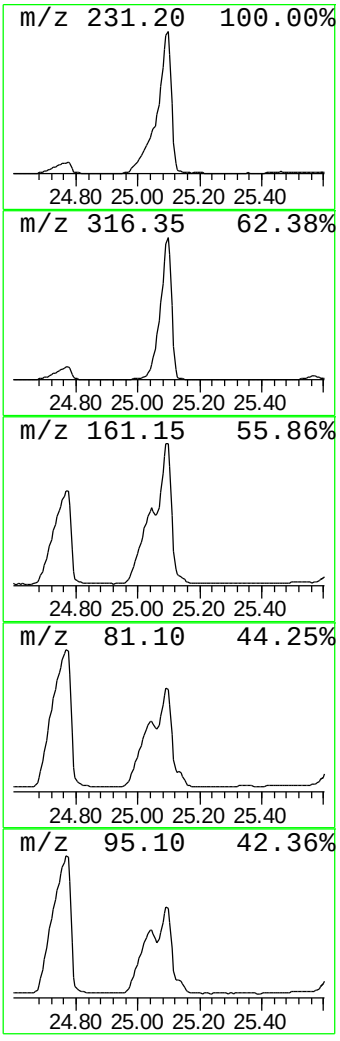
Peak Number 30 Cholestan-3-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	109.45 ng/ul	11620200	Perylene-d12	23.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	95
2	Cholestan-3-one	386	C27H46O	015600-08-5	95
3	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	95
4	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	95
5	Cholestan-3-one	386	C27H46O	015600-08-5	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005578.D
Acq On : 22 May 2016 07:52
Operator : UM/SJ
Sample : H3058-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3H9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.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
Propanoic acid	3.11	18.1	ng/ul	724080	1	7.83	802516	20.0
Propanoic acid, 2...	3.70	11.3	ng/ul	453114	1	7.83	802516	20.0
Butanoic acid	4.10	27.9	ng/ul	1118110	1	7.83	802516	20.0
Butanoic acid, 3-...	4.87	29.8	ng/ul	1196710	1	7.83	802516	20.0
Butanoic acid, 2-...	5.03	19.7	ng/ul	790898	1	7.83	802516	20.0
Pentanoic acid	5.49	29.4	ng/ul	1179070	1	7.83	802516	20.0
Hexanoic acid	6.95	18.6	ng/ul	748130	1	7.83	802516	20.0
Benzeneacetic acid	11.26	47.1	ng/ul	2872880	2	10.62	1218940	20.0
Indole	12.12	27.7	ng/ul	1688410	2	10.62	1218940	20.0
Benzenepropanoic ...	12.49	27.8	ng/ul	1695760	2	10.62	1218940	20.0
2H-Indol-2-one, 1...	14.29	9.7	ng/ul	892334	3	14.46	1836580	20.0
Tetradecanoic acid	16.62	14.5	ng/ul	1397590	4	17.20	1921790	20.0
Pentadecanoic acid	17.39	16.5	ng/ul	1587220	4	17.20	1921790	20.0
Caffeine	17.52	13.8	ng/ul	1325600	4	17.20	1921790	20.0
(DEL) Alkane: Cyc...	17.58	10.2	ng/ul	978370	4	17.20	1921790	20.0
n-Hexadecanoic acid	18.17	264.4	ng/ul	25409300	4	17.20	1921790	20.0
Heptadecanoic acid	18.77	8.0	ng/ul	768417	4	17.20	1921790	20.0
(DEL) Alkane: Str...	18.95	6.9	ng/ul	659871	4	17.20	1921790	20.0
Oleic Acid	19.33	79.4	ng/ul	12448600	5	21.39	3136130	20.0
Octadecanoic acid	19.45	171.3	ng/ul	26856700	5	21.39	3136130	20.0
Eicosanoic acid	20.48	15.0	ng/ul	2351340	5	21.39	3136130	20.0
(DEL) Alkane: Cyc...	21.09	3.7	ng/ul	577519	5	21.39	3136130	20.0
Squalene	22.57	6.0	ng/ul	633601	6	23.67	2123350	20.0
.gamma.-Tocopherol	24.13	14.2	ng/ul	1506480	6	23.67	2123350	20.0
Cholestan-3-one	25.10	109.5	ng/ul	11620200	6	23.67	2123350	20.0