

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
 Data File : BM005344.D
 Acq On : 08 May 2016 13:22
 Operator : UM/SJ
 Sample : H2772-18
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3B5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 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-BM050516.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	2.734	4	8	19	rVB	55774	83460	3.50%	0.308%
2	3.010	51	55	68	rVB	81722	123961	5.20%	0.457%
3	4.904	371	377	384	rVB3	21712	36824	1.55%	0.136%
4	6.939	718	723	736	rBV	254005	409045	17.17%	1.509%
5	7.104	745	751	761	rBV	212542	326492	13.71%	1.204%
6	7.304	777	785	795	rBV	260870	423642	17.78%	1.563%
7	7.769	857	864	874	rBV	328801	527190	22.13%	1.944%
8	8.475	978	984	993	rBV	312744	516908	21.70%	1.907%
9	8.928	1055	1061	1075	rBV	251966	425949	17.88%	1.571%
10	9.645	1176	1183	1196	rVB	220186	363929	15.28%	1.342%
11	10.180	1268	1274	1292	rBV	326778	569050	23.89%	2.099%
12	10.557	1331	1338	1346	rBV	510638	856995	35.98%	3.161%
13	10.698	1356	1362	1383	rBV	259908	487640	20.47%	1.799%
14	13.816	1886	1892	1897	rBV	676843	985940	41.39%	3.637%
15	13.863	1897	1900	1908	rVB	149499	200982	8.44%	0.741%
16	14.104	1934	1941	1953	rBV	749247	1156693	48.56%	4.266%
17	14.304	1969	1975	1980	rBV	25590	33010	1.39%	0.122%
18	14.410	1985	1993	2002	rVB2	798934	1243070	52.18%	4.585%
19	14.621	2023	2029	2046	rBV	204855	378725	15.90%	1.397%
20	15.257	2132	2137	2143	rVB	36046	46050	1.93%	0.170%
21	15.404	2156	2162	2173	rVB	1031646	1518916	63.76%	5.602%
22	15.533	2179	2184	2192	rBV	301120	429577	18.03%	1.584%
23	15.645	2194	2203	2210	rBV3	17382	36926	1.55%	0.136%
24	16.115	2278	2283	2291	rBV	39605	65252	2.74%	0.241%
25	16.909	2413	2418	2421	rBV	20496	25635	1.08%	0.095%
26	17.156	2454	2460	2466	rBV	1071415	1570223	65.92%	5.792%
27	17.256	2471	2477	2486	rVB	1193866	1736324	72.89%	6.404%
28	17.992	2598	2602	2607	rBV	32471	46878	1.97%	0.173%
29	18.051	2607	2612	2621	rBV	191234	278862	11.71%	1.029%
30	19.192	2800	2806	2807	rBV	22150	28171	1.18%	0.104%
31	19.221	2807	2811	2817	rVB	61223	97260	4.08%	0.359%
32	19.333	2824	2830	2841	rBV3	40015	69769	2.93%	0.257%
33	19.556	2862	2868	2879	rVB2	1629769	2382119	100.00%	8.786%
34	20.086	2951	2958	2963	rBV4	13578	25649	1.08%	0.095%

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005344.D
Acq On : 08 May 2016 13:22
Operator : UM/SJ
Sample : H2772-18
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3B5

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0
Filtering: 5
Min Area: 1 % of largest Peak
Max Peaks: 100
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-BM050516.M
Title : SVOA CALIBRATION

35	21.050	3117	3122	3133	rBV	245292	385191	16.17%	1.421%
36	21.350	3166	3173	3178	rBV	1556450	2083461	87.46%	7.685%
37	21.927	3267	3271	3273	rBV2	41537	52762	2.21%	0.195%
38	21.950	3273	3275	3286	rVB8	40866	69905	2.93%	0.258%
39	22.391	3346	3350	3355	rBV	48835	63532	2.67%	0.234%
40	22.527	3368	3373	3380	rVB	55531	80328	3.37%	0.296%
41	22.627	3385	3390	3397	rBV	160298	206674	8.68%	0.762%
42	22.903	3432	3437	3441	rBV	178173	273070	11.46%	1.007%
43	22.950	3441	3445	3458	rVB2	573024	1044031	43.83%	3.851%
44	23.480	3527	3535	3550	rVV2	1086032	2182030	91.60%	8.048%
45	23.621	3551	3559	3575	rVB2	883290	1777145	74.60%	6.555%
46	23.797	3584	3589	3596	rVB2	47370	82261	3.45%	0.303%
47	24.127	3638	3645	3654	rVB	275476	528705	22.19%	1.950%
48	24.221	3656	3661	3671	rVV2	80540	173045	7.26%	0.638%
49	24.879	3766	3773	3782	rBV	77925	179664	7.54%	0.663%
50	25.756	3914	3922	3931	rBV2	114040	303680	12.75%	1.120%
51	26.785	4092	4097	4107	rVB3	41906	119408	5.01%	0.440%

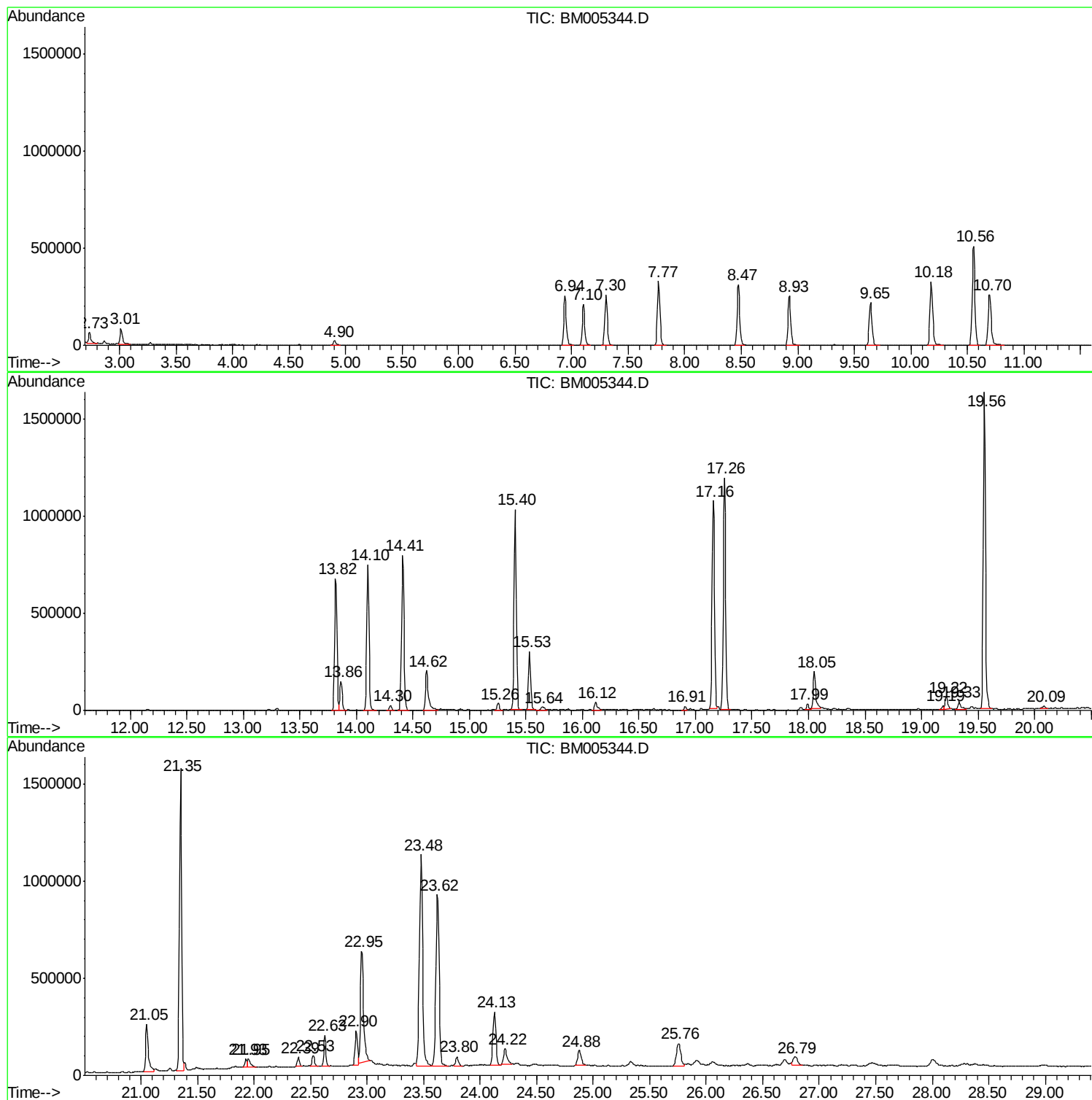
Sum of corrected areas: 27112008

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005344.D
Acq On : 08 May 2016 13:22
Operator : UM/SJ
Sample : H2772-18
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3B5

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005344.D
Acq On : 08 May 2016 13:22
Operator : UM/SJ
Sample : H2772-18
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3B5

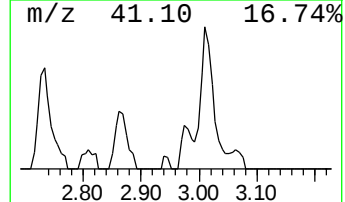
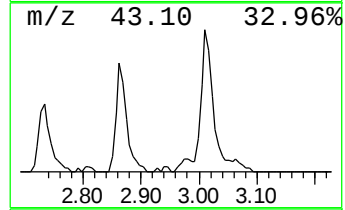
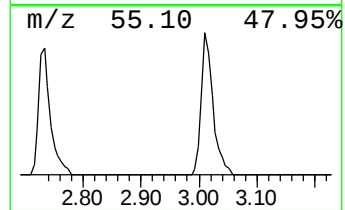
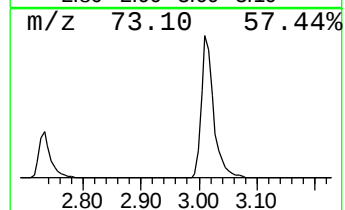
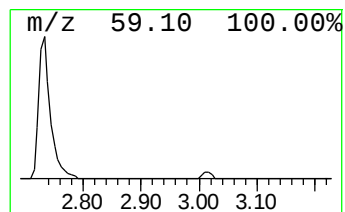
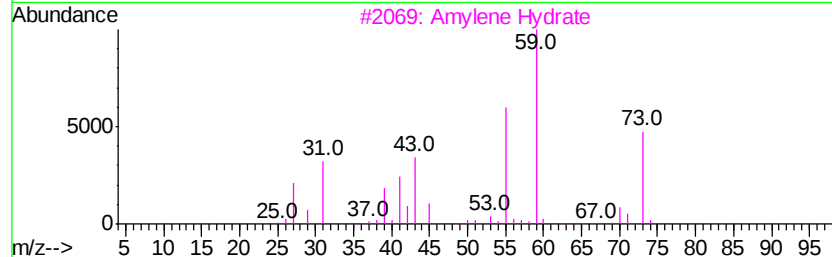
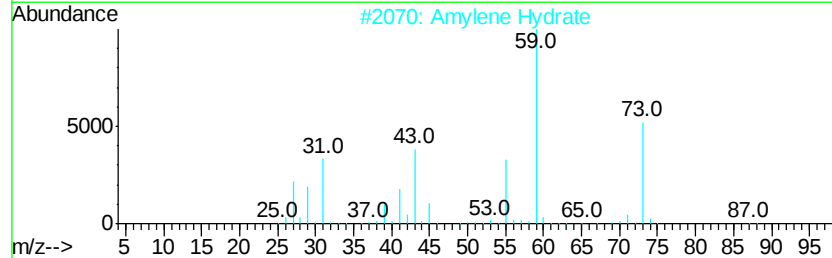
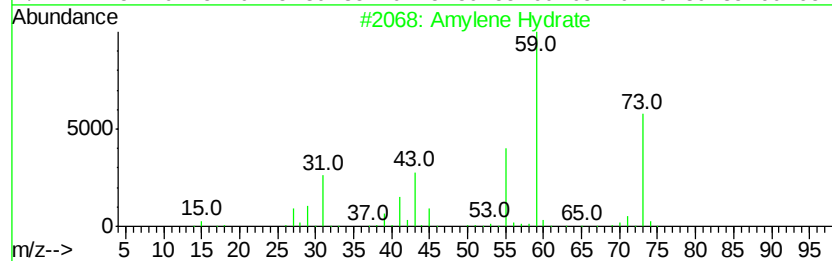
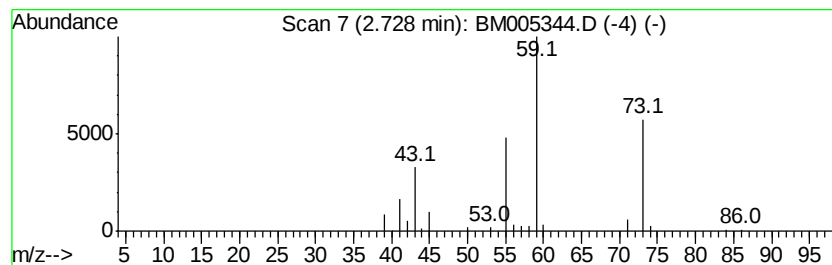
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Amylene Hydrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	3.17 ng/ul	83460	1,4-Dichlorobenzene-d4	7.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Amylene Hydrate	88	C5H12O	000075-85-4	83
2			Amylene Hydrate	88	C5H12O	000075-85-4	83
3			Amylene Hydrate	88	C5H12O	000075-85-4	74
4			3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	40
5			Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	36



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005344.D
Acq On : 08 May 2016 13:22
Operator : UM/SJ
Sample : H2772-18
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3B5

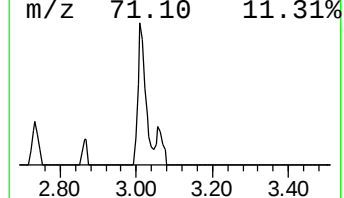
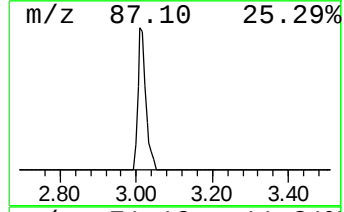
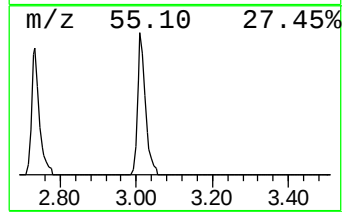
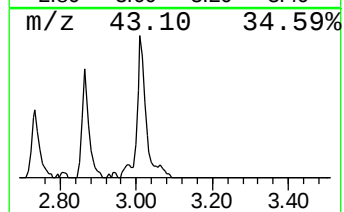
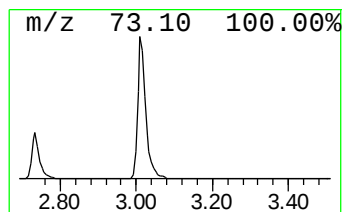
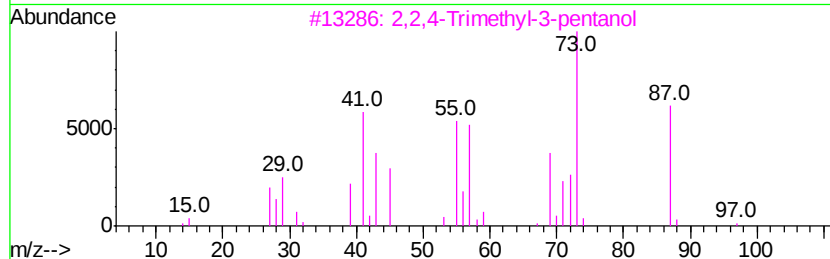
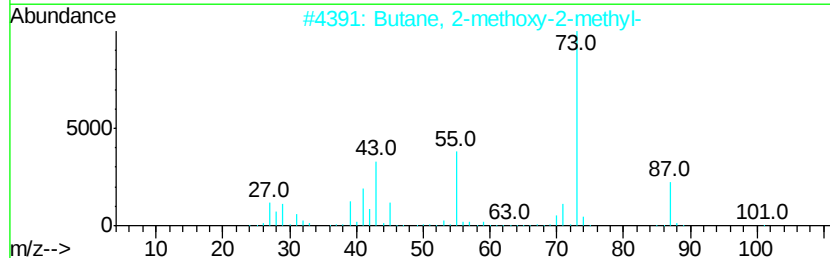
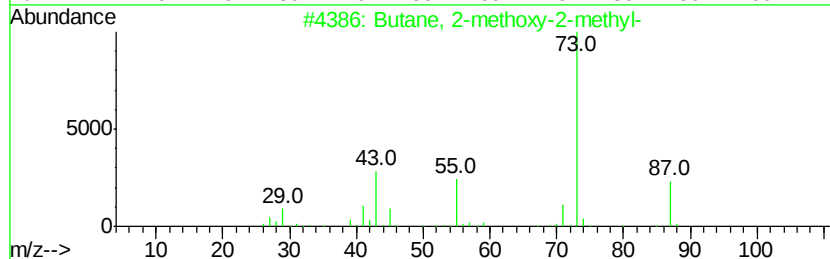
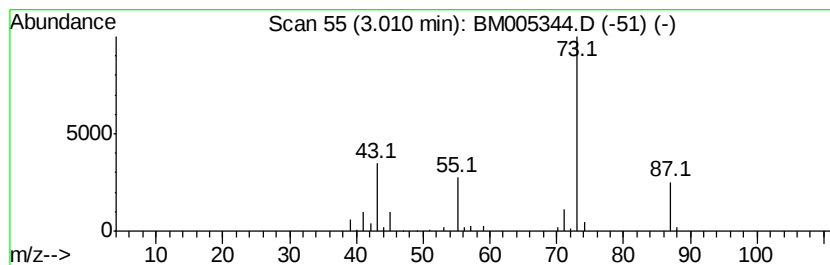
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	4.70 ng/ul	123961	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005344.D
Acq On : 08 May 2016 13:22
Operator : UM/SJ
Sample : H2772-18
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3B5

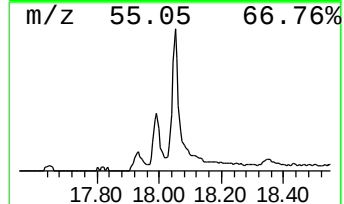
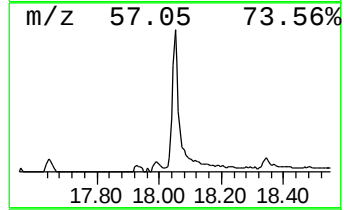
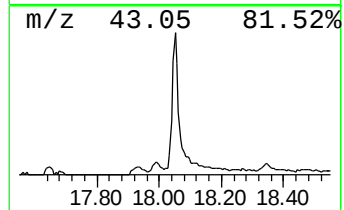
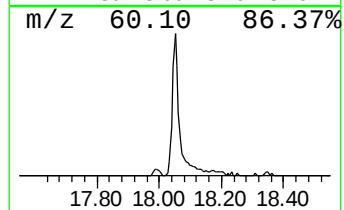
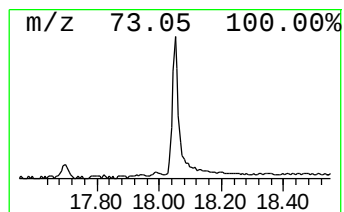
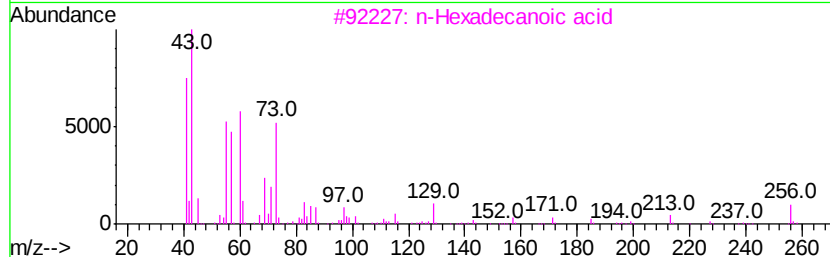
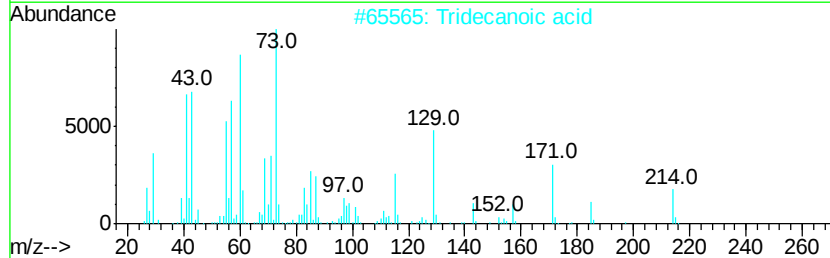
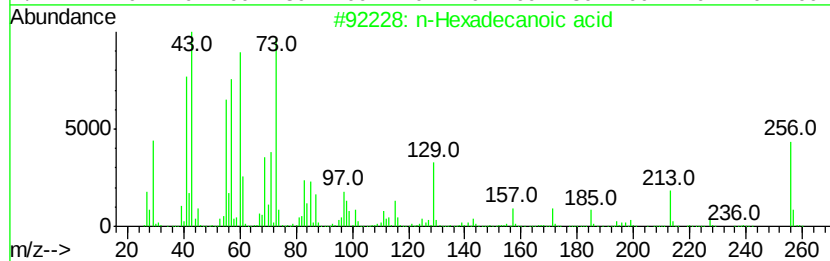
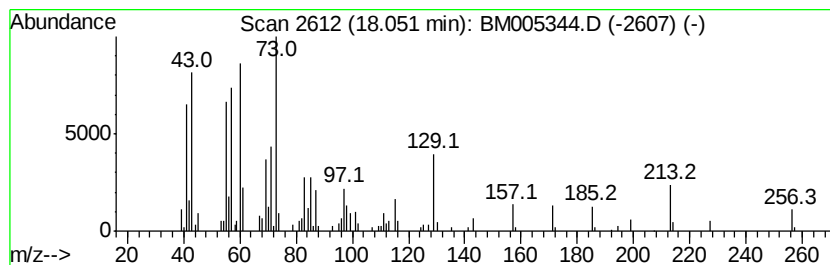
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.55 ng/ul	278862	Phenanthrene-d10	17.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	86
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005344.D
Acq On : 08 May 2016 13:22
Operator : UM/SJ
Sample : H2772-18
Misc :
ALS Vial : 64 Sample Multiplier: 1

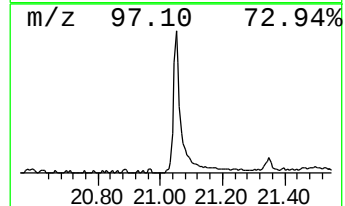
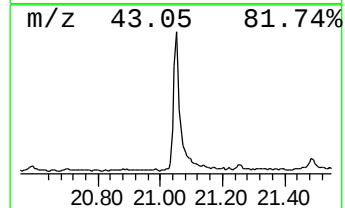
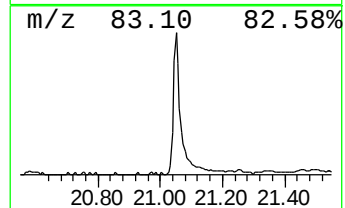
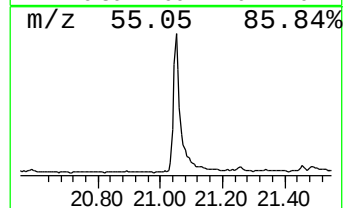
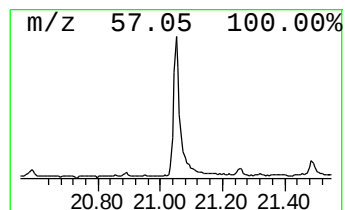
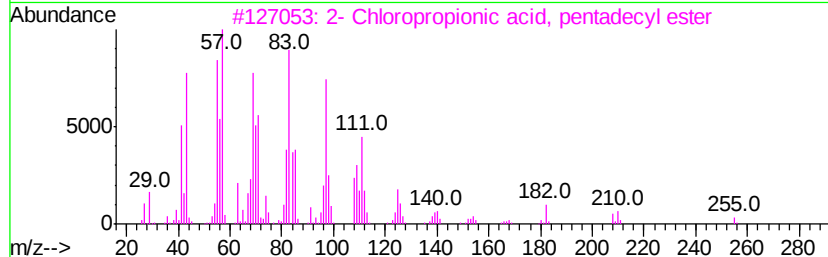
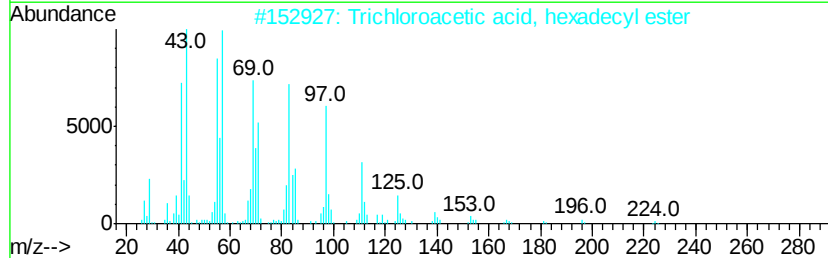
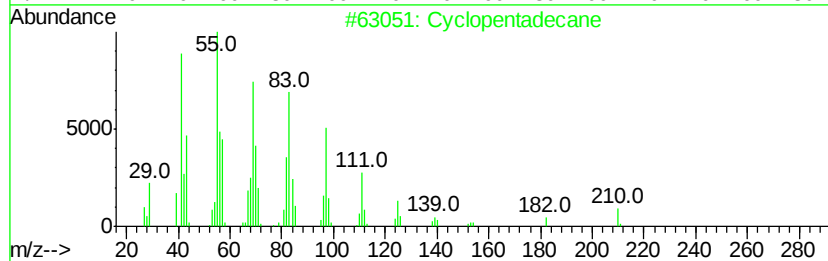
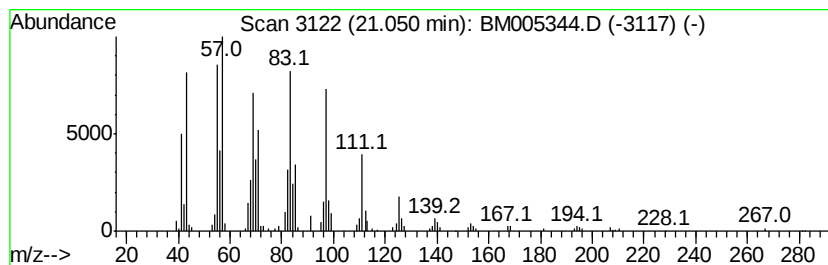
Instrument :
BNA_M
ClientSampleId :
BD3B5

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic-21.05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.05	3.70 ng/ul	385191	Chrysene-d12	21.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentadecane	210	C15H30	000295-48-7	97
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
4		1-Docosene	308	C22H44	001599-67-3	91
5		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005344.D
Acq On : 08 May 2016 13:22
Operator : UM/SJ
Sample : H2772-18
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3B5

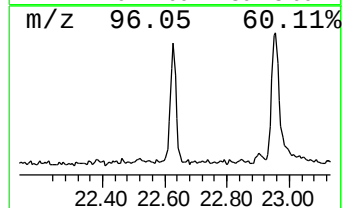
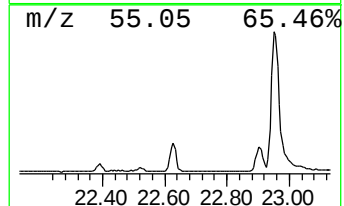
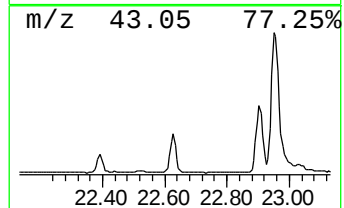
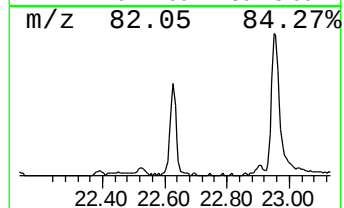
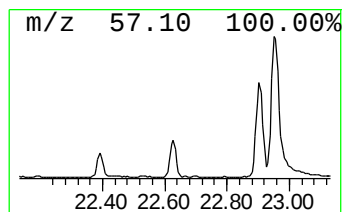
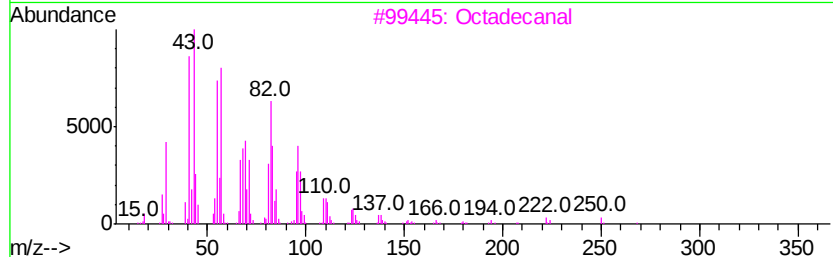
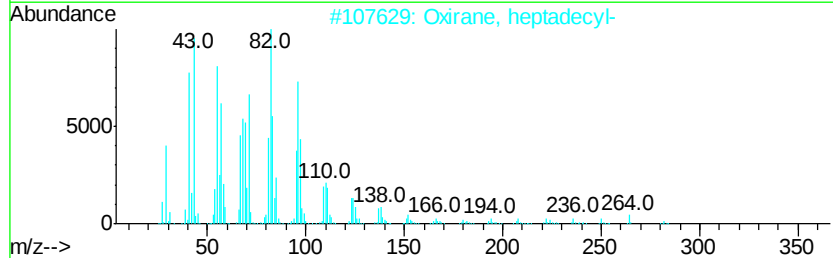
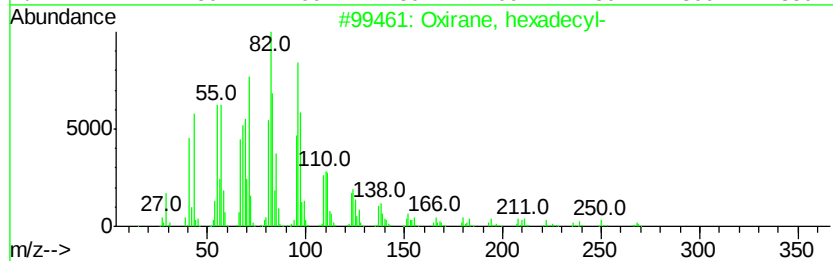
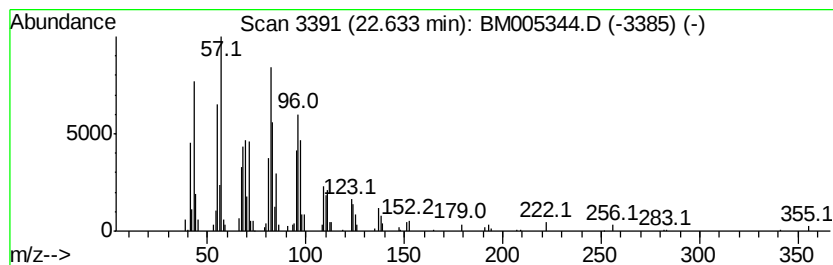
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.33 ng/ul	206674	Perylene-d12	23.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
2			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3			Octadecanal	268	C18H36O	000638-66-4	91
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5			Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005344.D
Acq On : 08 May 2016 13:22
Operator : UM/SJ
Sample : H2772-18
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3B5

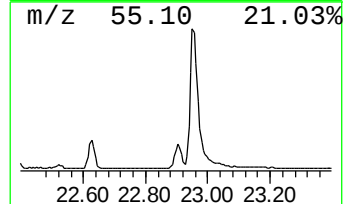
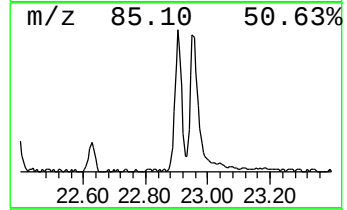
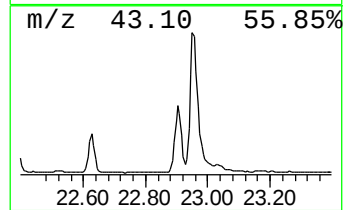
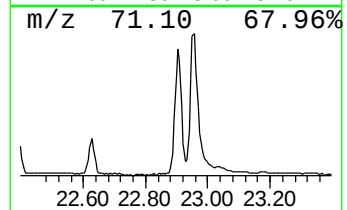
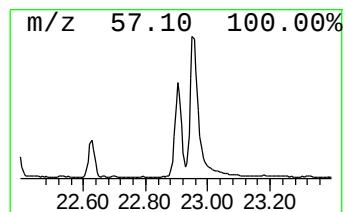
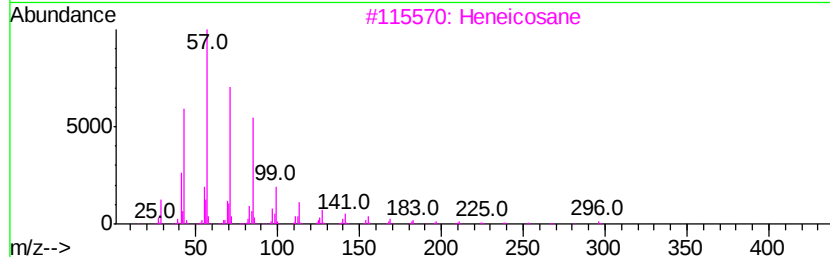
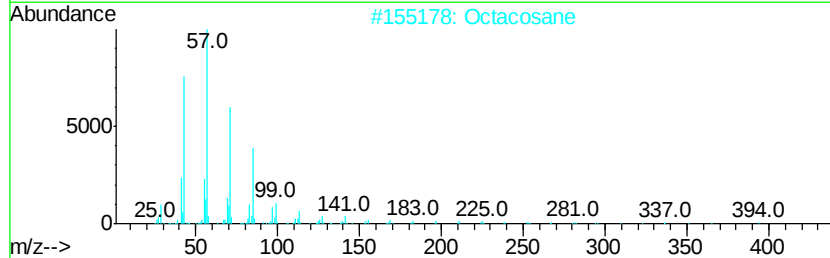
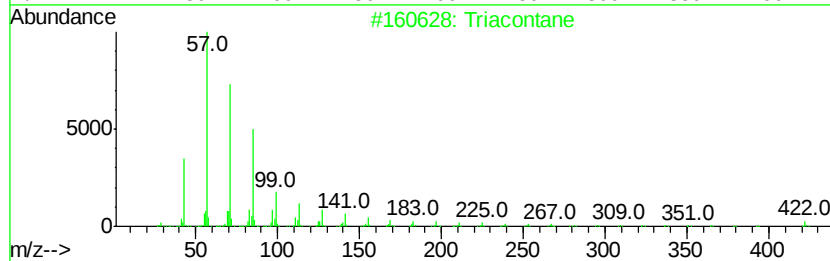
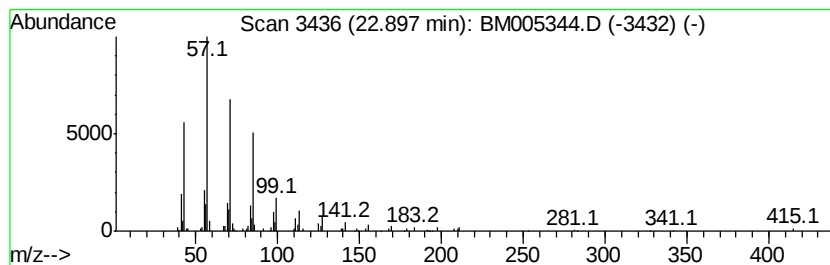
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	3.07 ng/ul	273070	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005344.D
Acq On : 08 May 2016 13:22
Operator : UM/SJ
Sample : H2772-18
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3B5

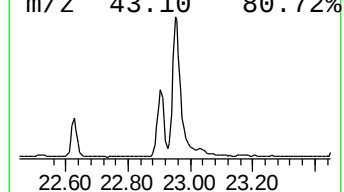
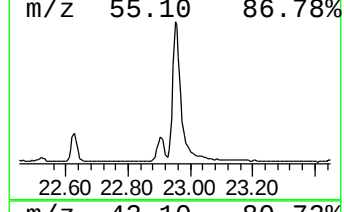
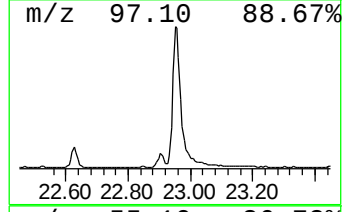
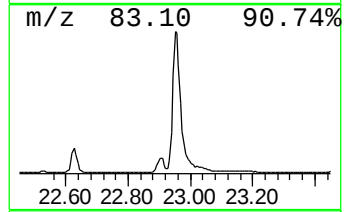
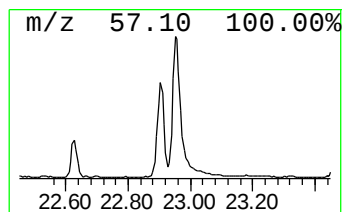
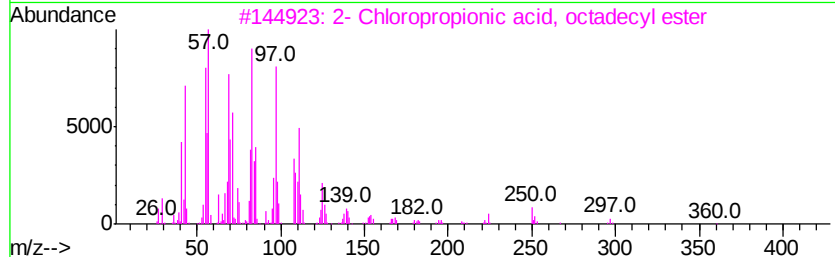
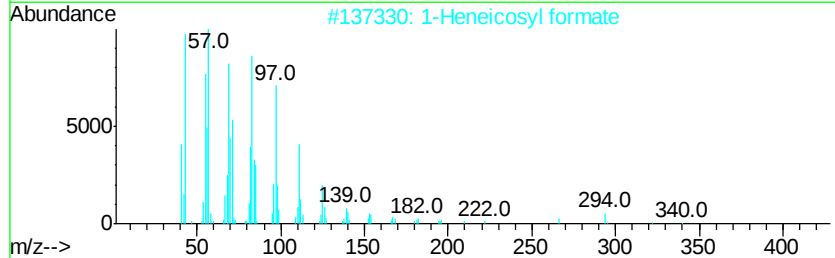
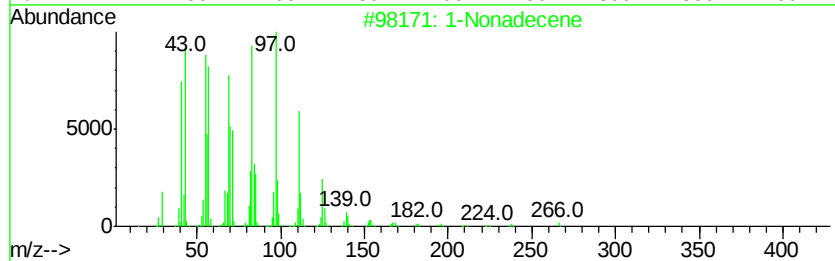
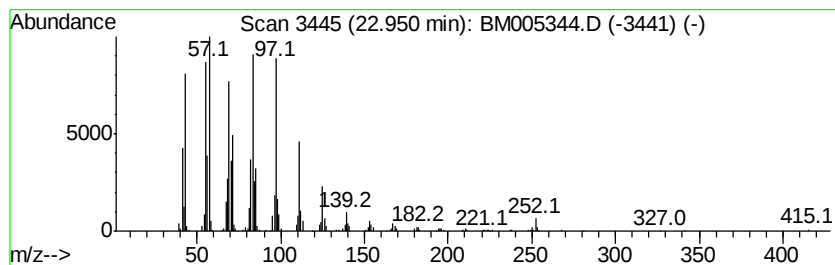
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic-22.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	11.75 ng/ul	1044030	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	91
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	83
4		1-Octadecanol	270	C18H38O	000112-92-5	81
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005344.D
Acq On : 08 May 2016 13:22
Operator : UM/SJ
Sample : H2772-18
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3B5

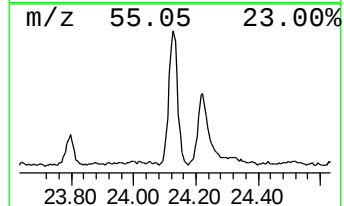
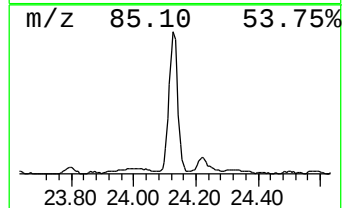
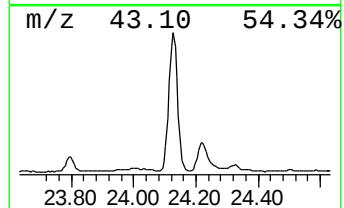
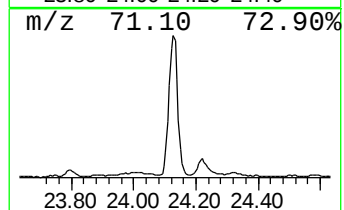
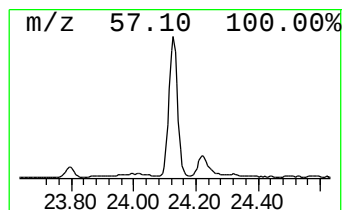
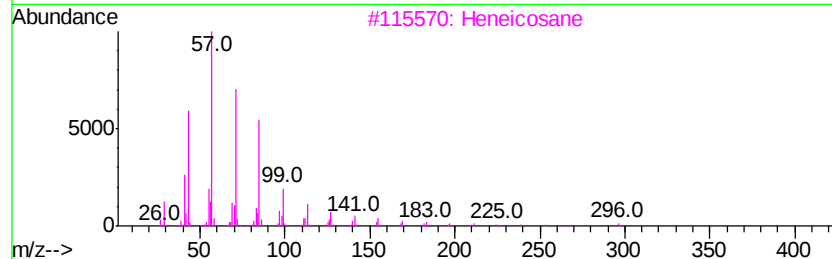
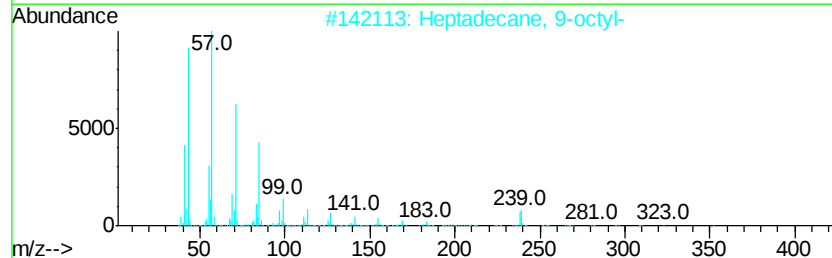
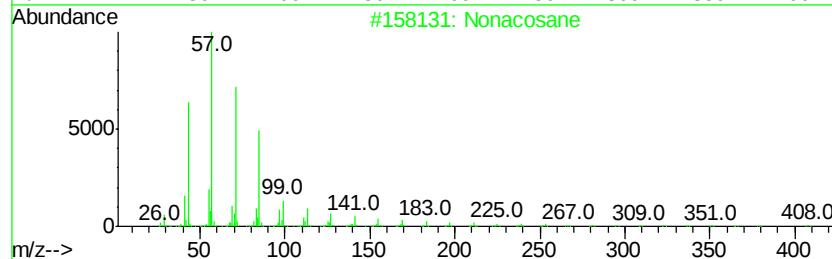
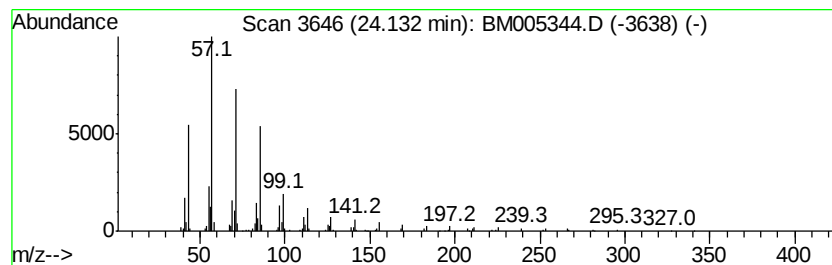
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	5.95 ng/ul	528705	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005344.D
Acq On : 08 May 2016 13:22
Operator : UM/SJ
Sample : H2772-18
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3B5

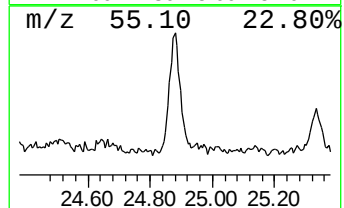
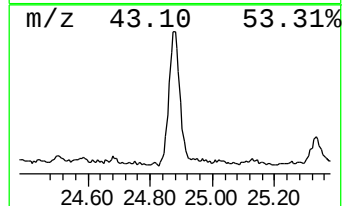
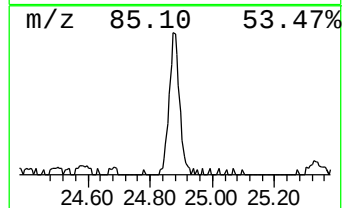
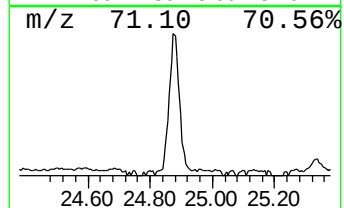
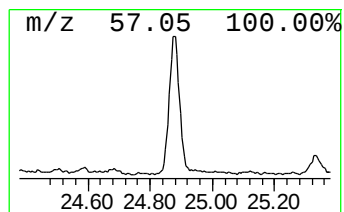
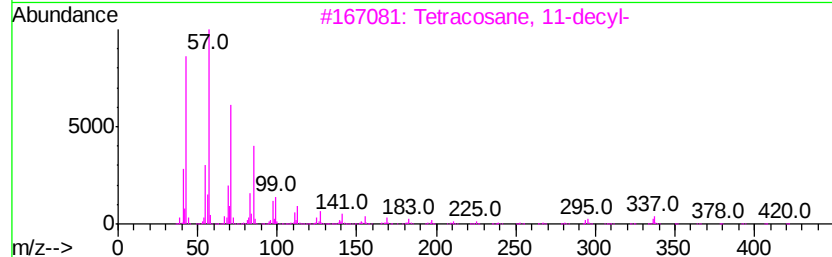
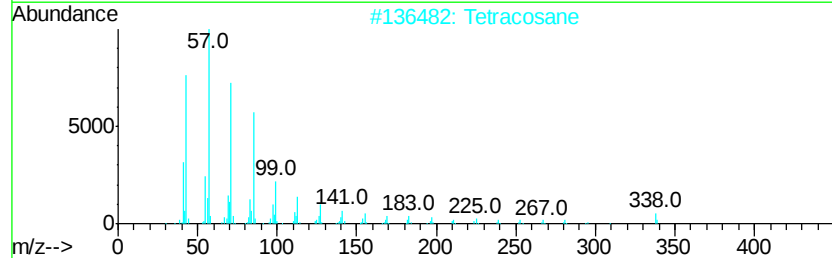
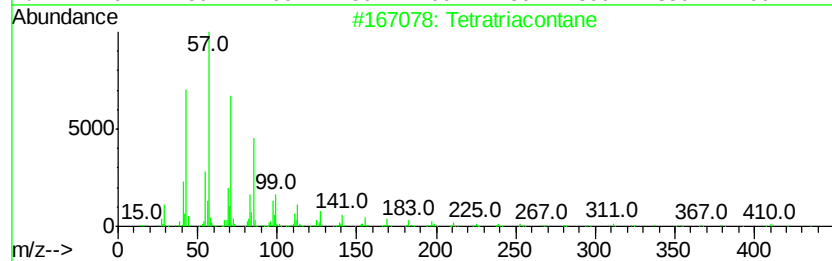
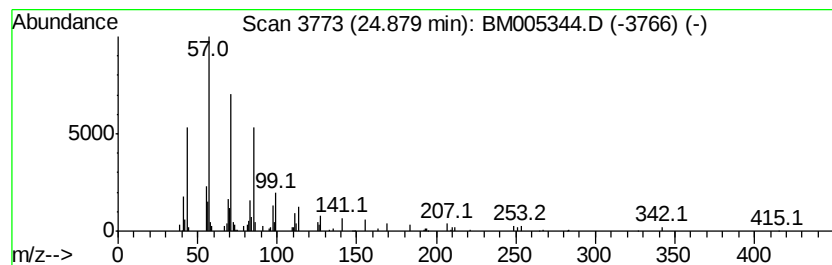
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.88	2.02 ng/ul	179664	Perylene-d12	23.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontane	479	C34H70	014167-59-0	91
2			Tetracosane	338	C24H50	000646-31-1	91
3			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005344.D
Acq On : 08 May 2016 13:22
Operator : UM/SJ
Sample : H2772-18
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3B5

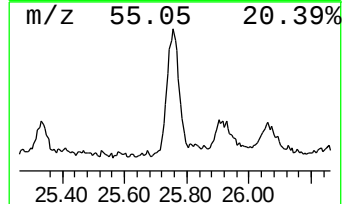
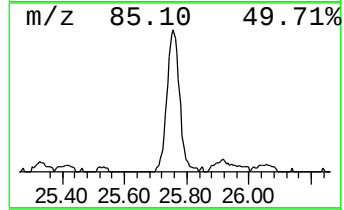
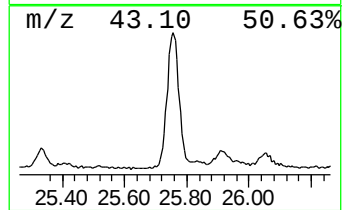
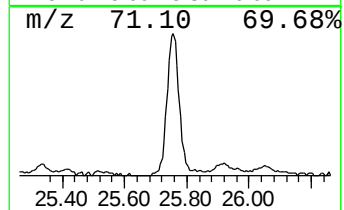
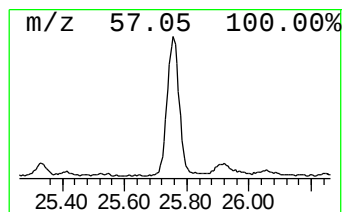
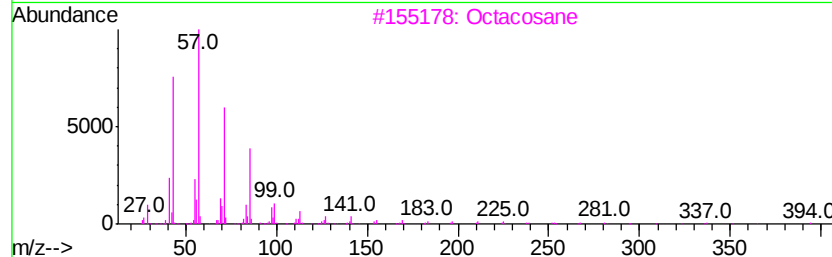
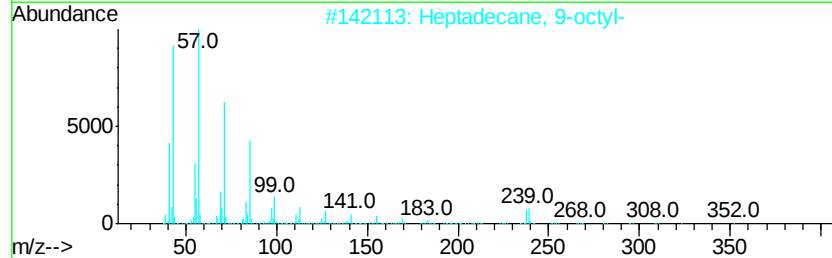
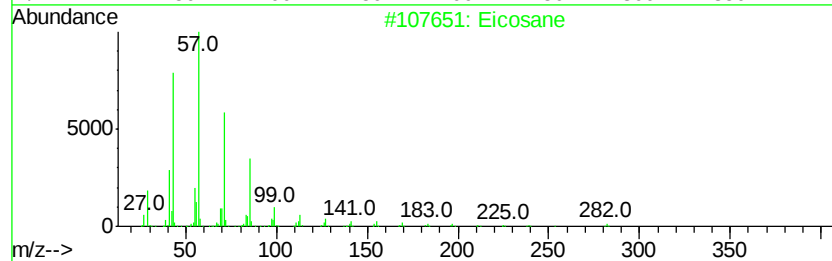
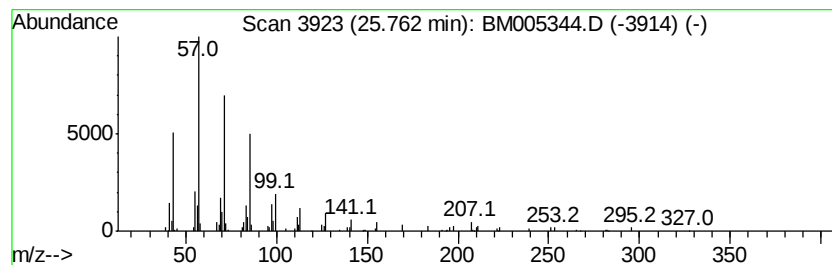
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	3.42 ng/ul	303680	Perylene-d12	23.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Hentriacontane	437	C31H64	000630-04-6	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050716\
Data File : BM005344.D
Acq On : 08 May 2016 13:22
Operator : UM/SJ
Sample : H2772-18
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3B5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Amylene Hydrate	2.73	3.2	ng/ul	83460	1	7.77	527190	20.0
Butane, 2-methoxy...	3.01	4.7	ng/ul	123961	1	7.77	527190	20.0
n-Hexadecanoic acid	18.05	3.5	ng/ul	278862	4	17.16	1570220	20.0
(DEL) Alkane: Cyc...	21.05	3.7	ng/ul	385191	5	21.35	2083460	20.0
Oxirane, hexadecyl-	22.63	2.3	ng/ul	206674	6	23.62	1777150	20.0
(DEL) Alkane: Str...	22.90	3.1	ng/ul	273070	6	23.62	1777150	20.0
(DEL) Alkane: Cyc...	22.95	11.8	ng/ul	1044030	6	23.62	1777150	20.0
(DEL) Alkane: Str...	24.13	6.0	ng/ul	528705	6	23.62	1777150	20.0
(DEL) Alkane: Str...	24.88	2.0	ng/ul	179664	6	23.62	1777150	20.0
(DEL) Alkane: Str...	25.76	3.4	ng/ul	303680	6	23.62	1777150	20.0