

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008787.D
 Acq On : 22 Jan 2017 01:01
 Operator : UM/SJ
 Sample : I1323-22
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9R7

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-BM010617.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	6.457	651	658	665	rBV	5565719	9336553	1.54%	0.536%
2	7.098	763	767	774	rVB2	4710858	7746221	1.28%	0.445%
3	7.334	791	807	810	rBV	5214152	11302067	1.86%	0.649%
4	7.386	810	816	823	rVB	12435247	19017740	3.13%	1.092%
5	8.092	916	936	939	rBV2	52994256	195707358	32.25%	11.235%
6	8.428	984	993	1000	rBV2	24144718	40043804	6.60%	2.299%
7	8.504	1000	1006	1012	rBV	4634142	7359934	1.21%	0.423%
8	9.822	1220	1230	1233	rBV	5043942	8778437	1.45%	0.504%
9	10.851	1392	1405	1410	rVB2	49240036	120108629	19.79%	6.895%
10	10.939	1416	1420	1430	rVB	3456825	6131470	1.01%	0.352%
11	11.039	1430	1437	1442	rBV	4350851	8150973	1.34%	0.468%
12	11.122	1442	1451	1457	rVV	3839649	8559655	1.41%	0.491%
13	11.498	1506	1515	1520	rBV2	4014430	7485744	1.23%	0.430%
14	11.633	1533	1538	1542	rBV	7490166	11843677	1.95%	0.680%
15	11.674	1542	1545	1550	rVB	5345495	7145627	1.18%	0.410%
16	12.421	1665	1672	1681	rVB	13592991	21767037	3.59%	1.250%
17	12.639	1698	1709	1723	rBV	7868120	15604878	2.57%	0.896%
18	12.768	1723	1731	1746	rBV	4547413	15340632	2.53%	0.881%
19	13.110	1779	1789	1794	rVB	41067919	72403982	11.93%	4.157%
20	13.280	1813	1818	1829	rVV	10190672	15233963	2.51%	0.875%
21	13.416	1829	1841	1848	rVB4	3987185	11150987	1.84%	0.640%
22	13.604	1862	1873	1884	rVB	21437089	40764422	6.72%	2.340%
23	14.592	2026	2041	2046	rBV	48385952	142839140	23.54%	8.200%
24	14.651	2046	2051	2058	rVV	4476550	8265865	1.36%	0.475%
25	14.792	2072	2075	2079	rVV	5694406	8707718	1.43%	0.500%
26	14.845	2079	2084	2095	rVV2	4364341	9812528	1.62%	0.563%
27	14.957	2095	2103	2105	rVV3	2863407	6349048	1.05%	0.364%
28	14.986	2105	2108	2111	rVV	5089980	7518664	1.24%	0.432%
29	15.057	2116	2120	2121	rVV2	6210062	9227349	1.52%	0.530%
30	15.080	2121	2124	2134	rVV4	9577489	23289804	3.84%	1.337%
31	15.168	2134	2139	2142	rVV	4974976	9461043	1.56%	0.543%
32	15.210	2142	2146	2151	rVV2	7117215	10848920	1.79%	0.623%
33	15.292	2151	2160	2181	rVB3	7383950	31545197	5.20%	1.811%
34	15.486	2186	2193	2196	rBV2	4233482	8614607	1.42%	0.495%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008787.D
Acq On : 22 Jan 2017 01:01
Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R7

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-BM010617.M
Title : SVOA CALIBRATION

35	15.786	2222	2244	2246	rBV3	136176153	606872845	100.00%	34.839%
36	17.015	2442	2453	2460	rBV	66973955	138212022	22.77%	7.934%
37	17.256	2488	2494	2498	rVB	10949172	13976549	2.30%	0.802%
38	17.386	2511	2516	2522	rVV	6341361	12780389	2.11%	0.734%
39	17.456	2522	2528	2535	rVV4	4941736	10327372	1.70%	0.593%
40	17.521	2535	2539	2546	rVB	5415383	7658807	1.26%	0.440%
41	17.751	2573	2578	2585	rVB	9941981	14640810	2.41%	0.840%

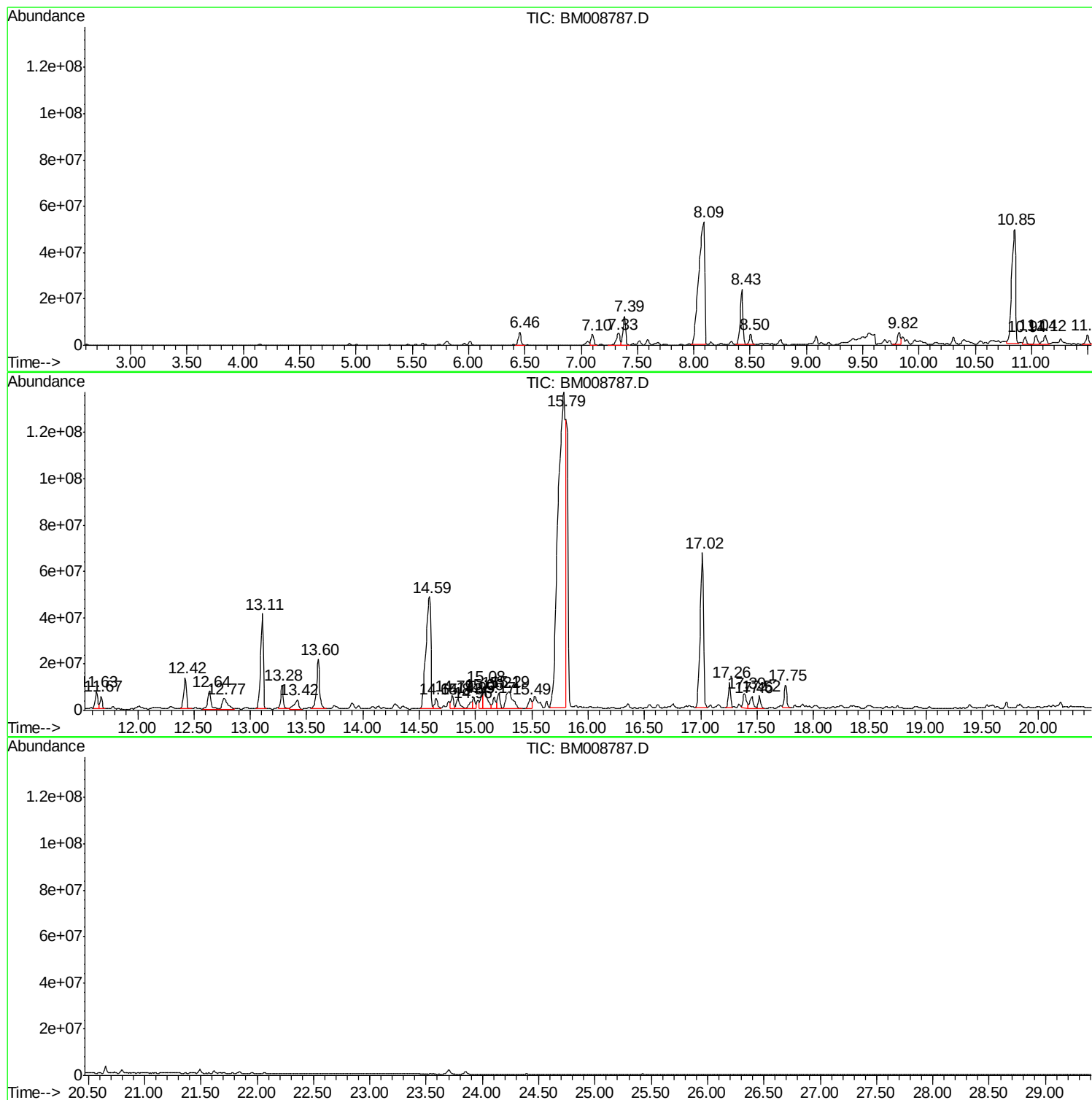
Sum of corrected areas: 1741932467

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008787.D
Acq On : 22 Jan 2017 01:01
Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008787.D
Acq On : 22 Jan 2017 01:01
Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R7

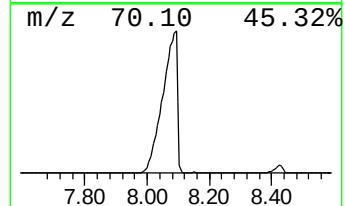
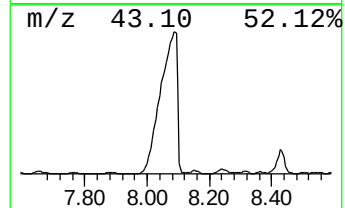
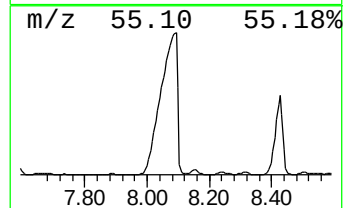
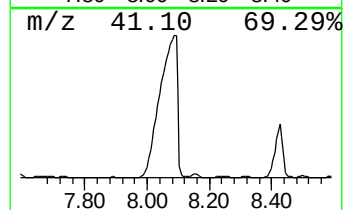
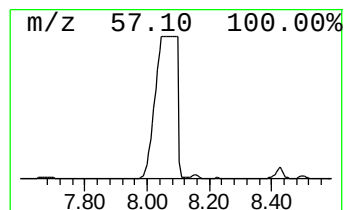
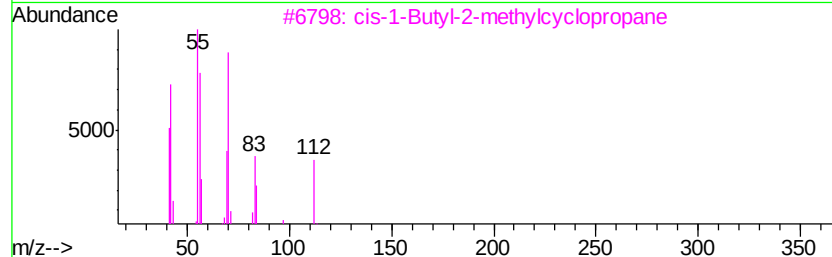
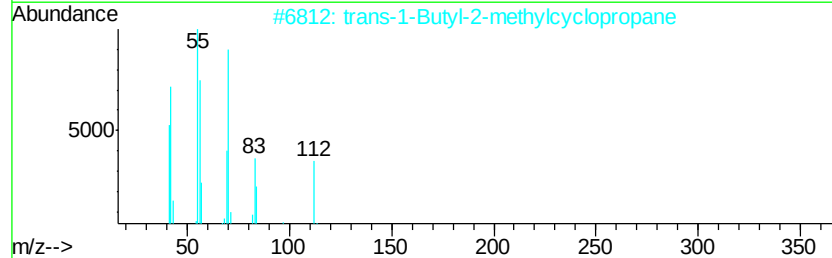
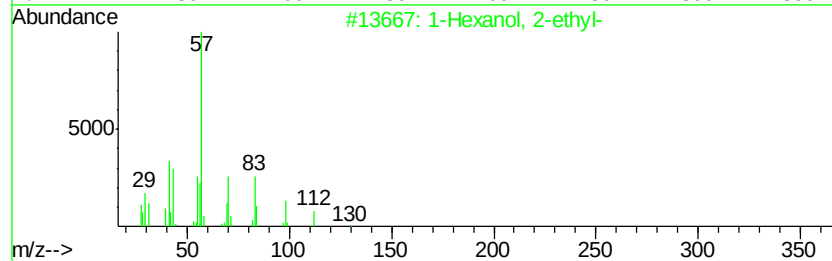
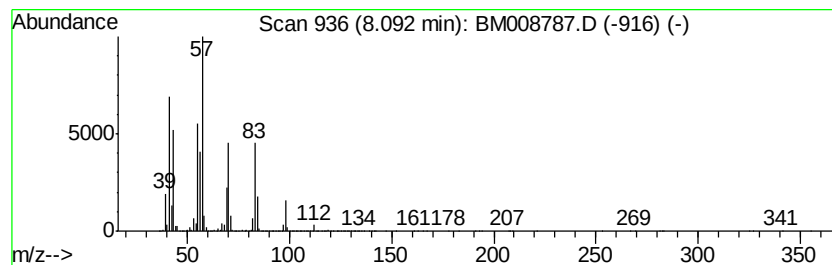
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	20.00 ng/ul	195707000	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
2		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	58
3		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	58
4		Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	43
5		Cyclohexane, methyl-	98	C7H14	000108-87-2	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008787.D
Acq On : 22 Jan 2017 01:01
Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R7

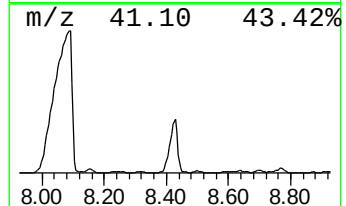
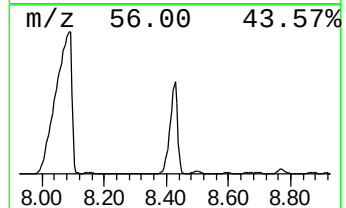
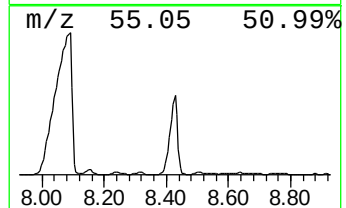
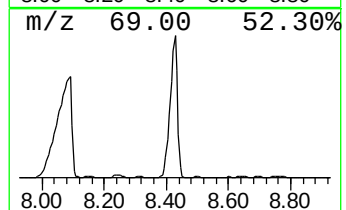
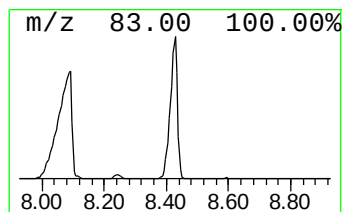
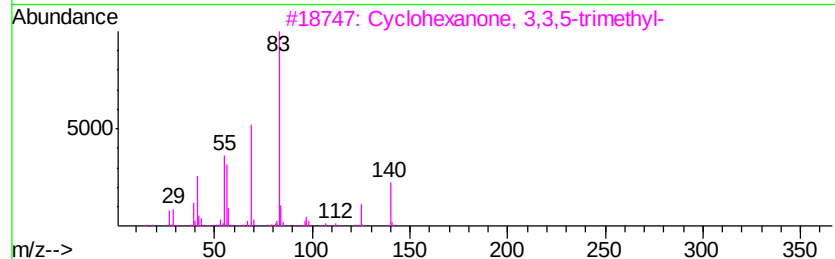
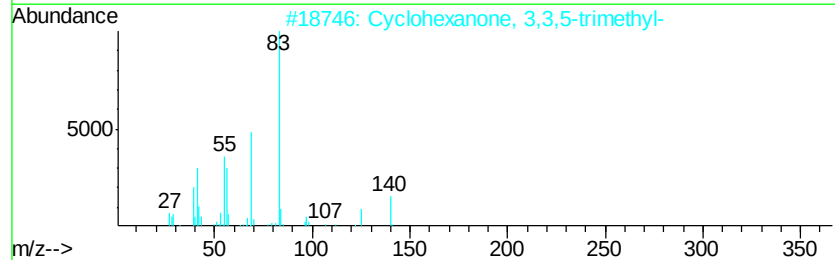
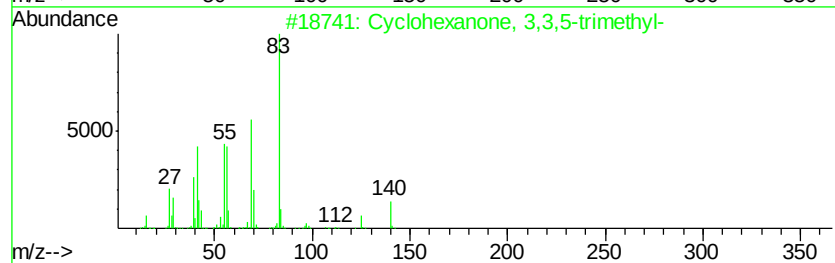
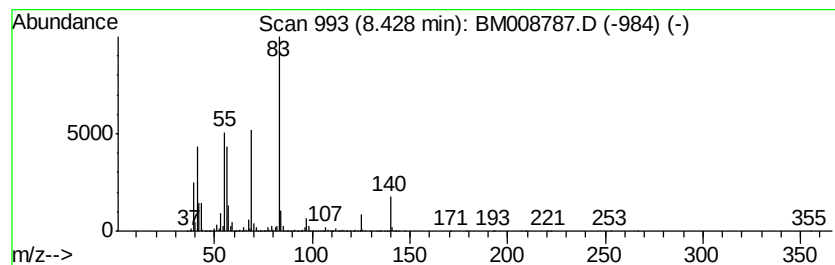
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexanone, 3,3,5-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	4.09 ng/ul	40043800	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	94
2		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	93
3		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	93
4		1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	59
5		Cyclohexane, decyl-	224	C16H32	001795-16-0	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008787.D
Acq On : 22 Jan 2017 01:01
Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R7

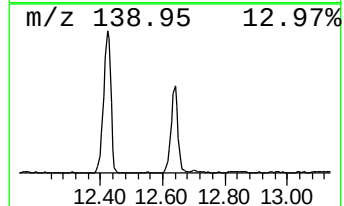
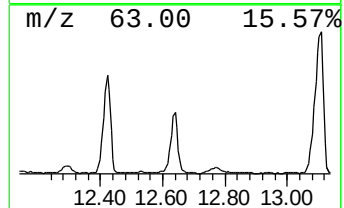
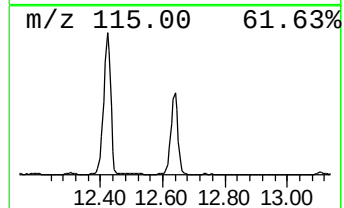
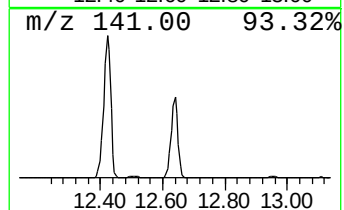
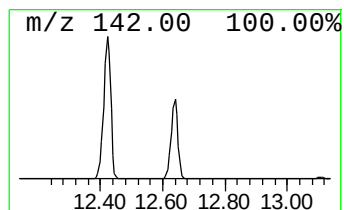
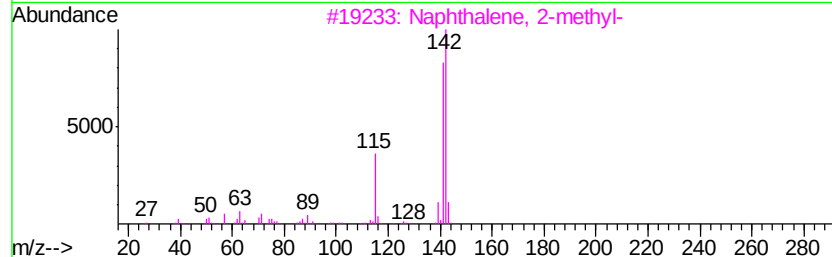
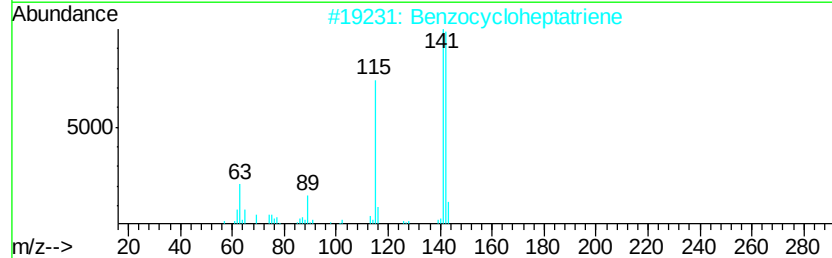
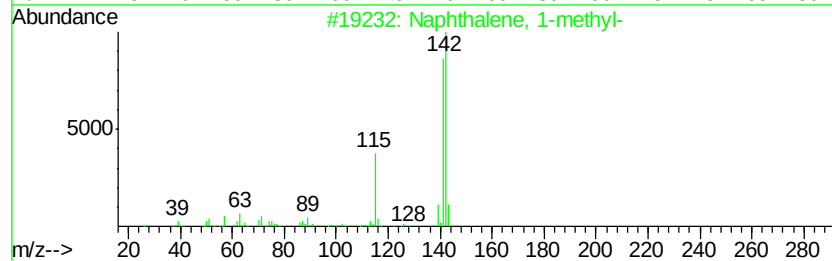
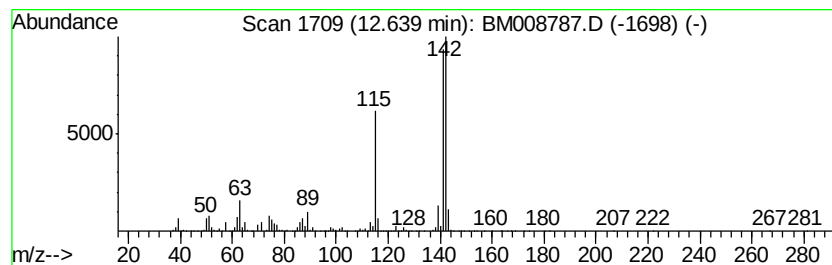
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.60 ng/ul	15604900	Naphthalene-d8	10.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2		Benzocycloheptatriene	142	C11H10	000264-09-5	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008787.D
Acq On : 22 Jan 2017 01:01
Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R7

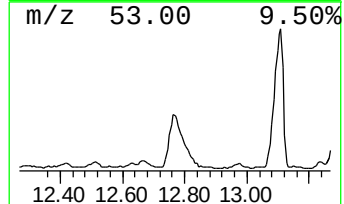
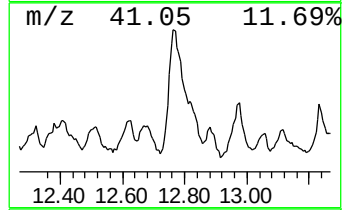
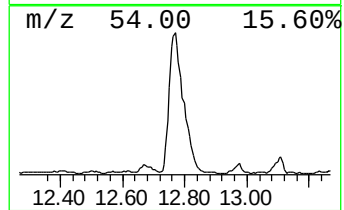
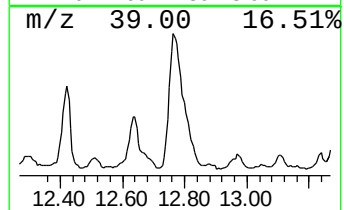
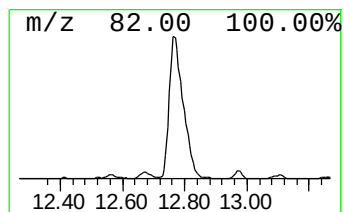
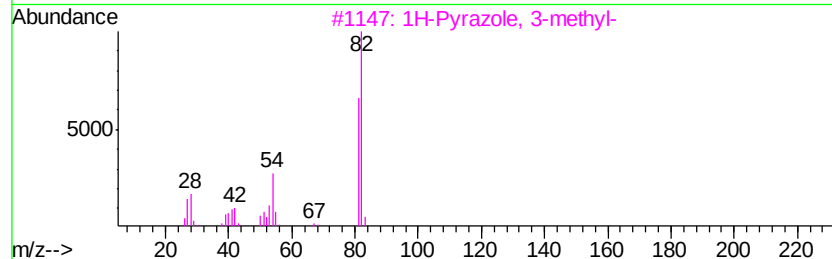
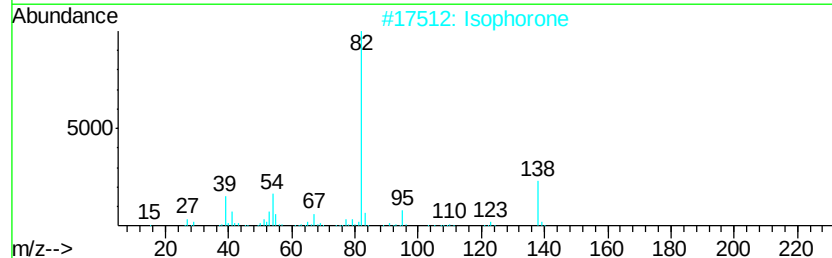
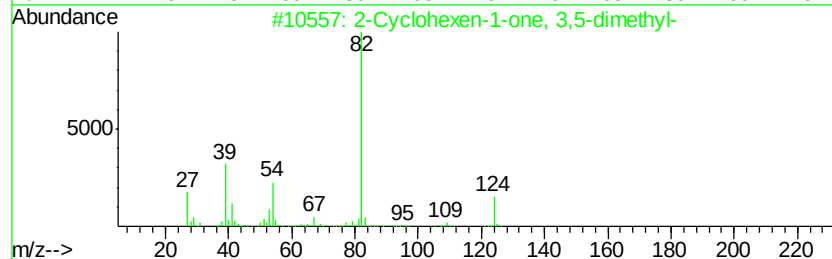
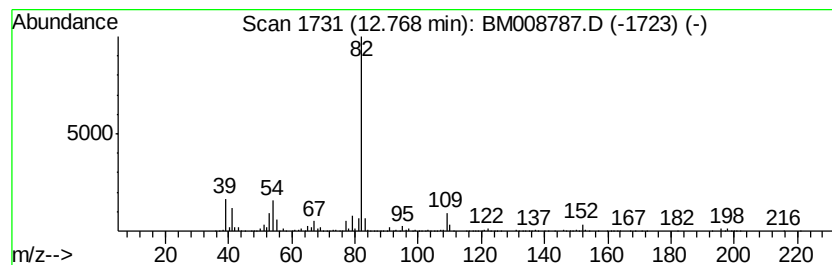
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Cyclohexen-1-one, 3,5-dim... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.15 ng/ul	15340600	Acenaphthene-d10	14.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	64
2		Isophorone	138	C9H14O	000078-59-1	64
3		1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	64
4		2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	59
5		Isophorone	138	C9H14O	000078-59-1	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008787.D
Acq On : 22 Jan 2017 01:01
Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R7

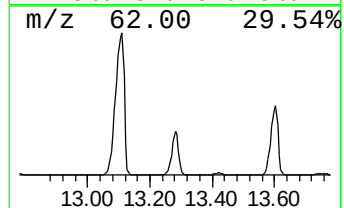
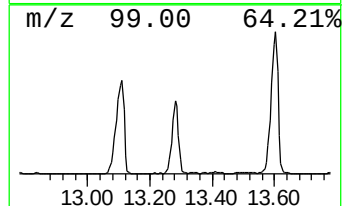
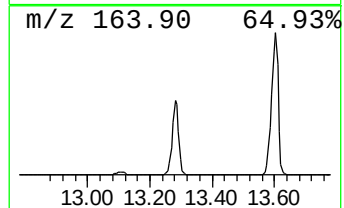
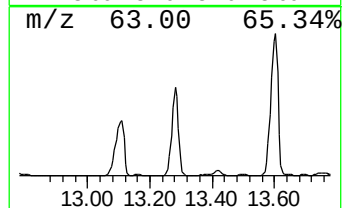
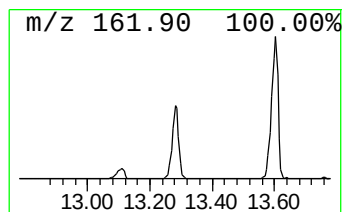
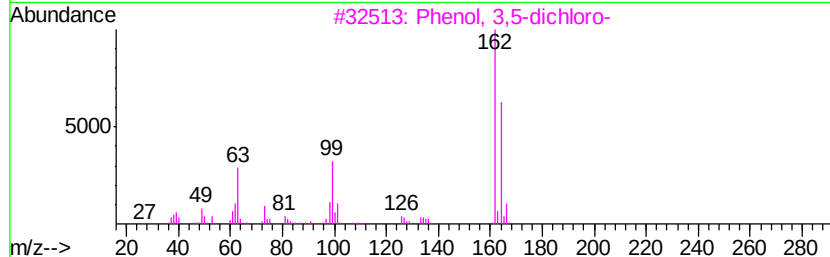
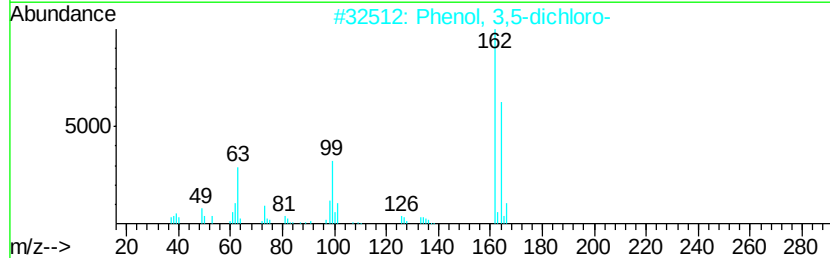
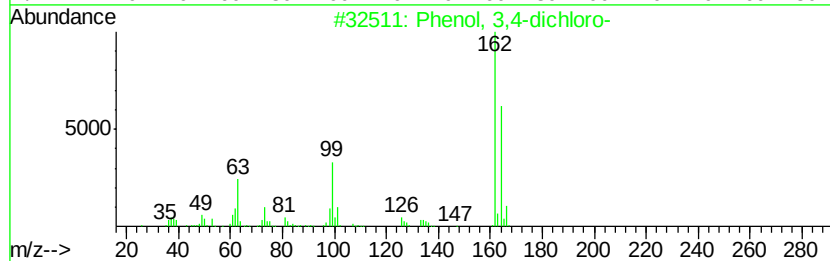
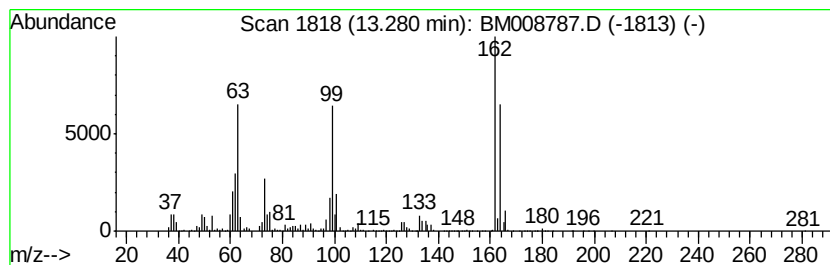
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenol, 3,4-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.13 ng/ul	15234000	Acenaphthene-d10	14.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-		162	C6H4Cl2O	000095-77-2	94
2	Phenol, 3,5-dichloro-		162	C6H4Cl2O	000591-35-5	93
3	Phenol, 3,5-dichloro-		162	C6H4Cl2O	000591-35-5	93
4	Phenol, 3,4-dichloro-		162	C6H4Cl2O	000095-77-2	91
5	Phenol, 3,4-dichloro-		162	C6H4Cl2O	000095-77-2	70



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008787.D
Acq On : 22 Jan 2017 01:01
Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

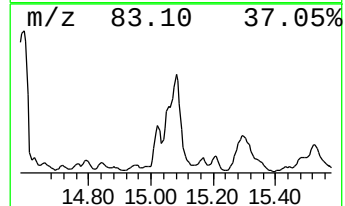
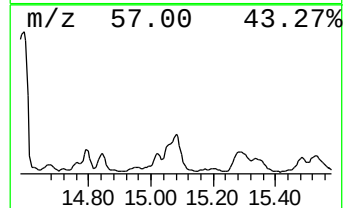
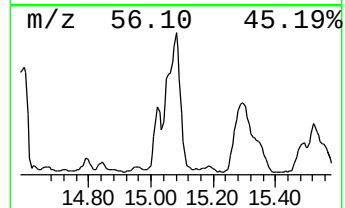
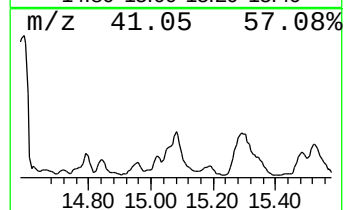
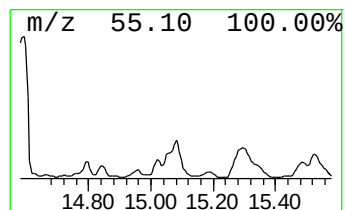
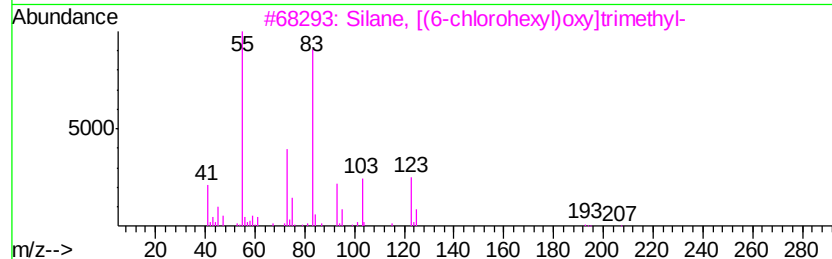
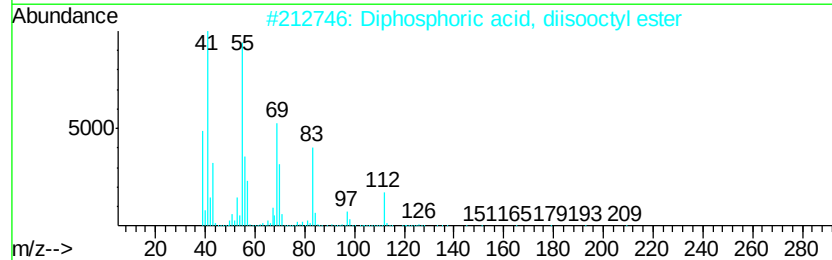
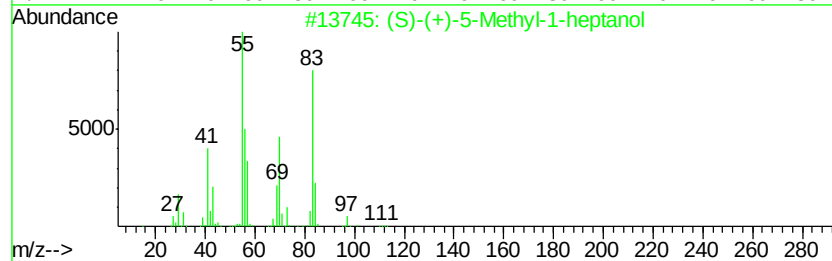
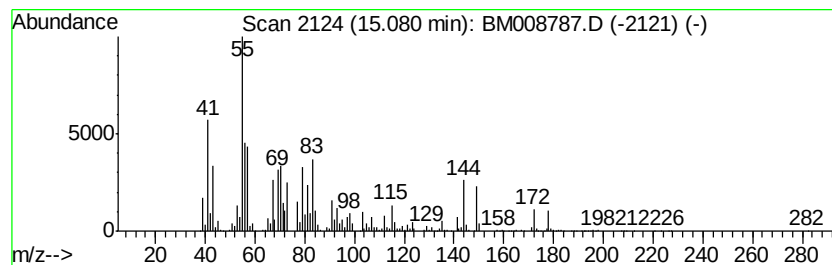
Instrument :
BNA_M
ClientSampleId :
DA9R7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.08	3.26 ng/ul	23289800	Acenaphthene-d10	14.59	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	27
2	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	22
3	Silane, [(6-chlorohexyl)oxy]trim...	208	C9H21ClOSi	034714-00-6	14
4	Azocine, octahydro-1-nitroso-	142	C7H14N2O	020917-49-1	14
5	2-Octene, (Z)-	112	C8H16	007642-04-8	14



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008787.D
Acq On : 22 Jan 2017 01:01
Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

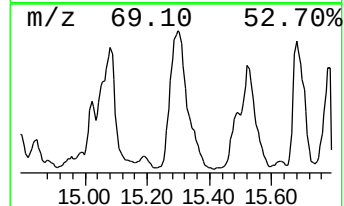
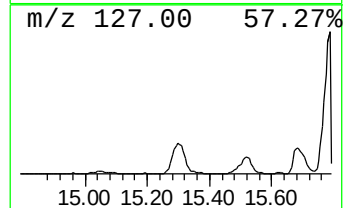
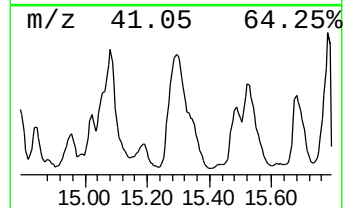
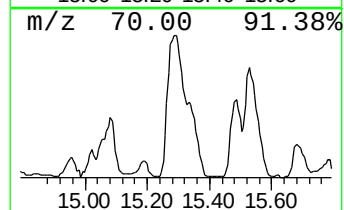
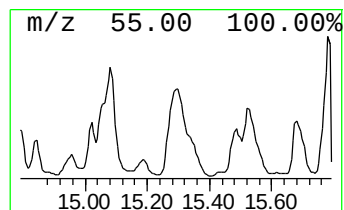
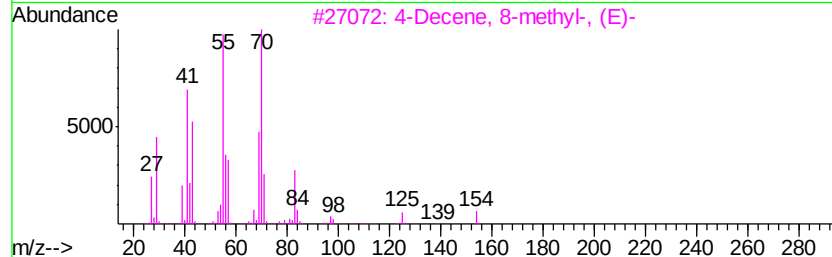
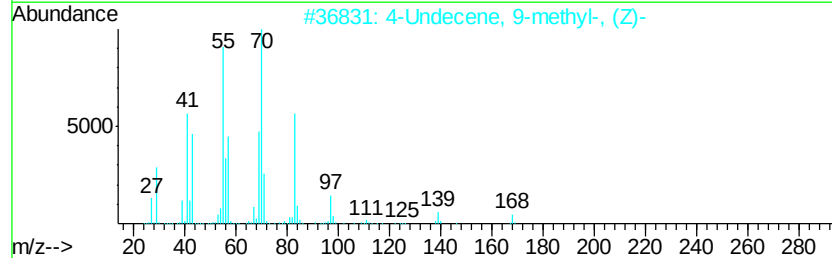
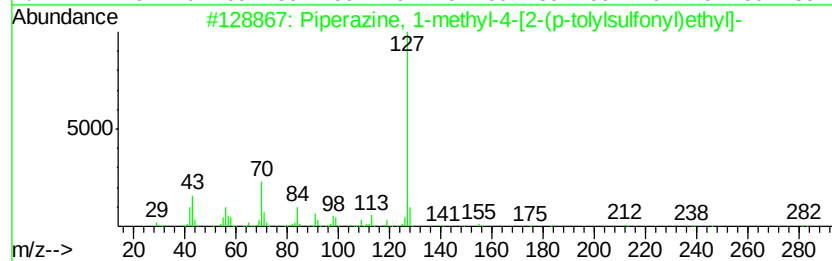
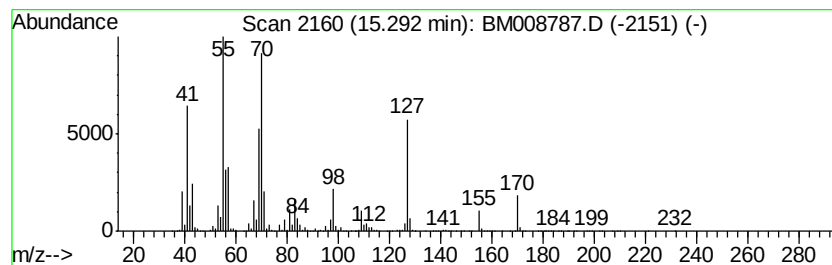
Instrument :
BNA_M
ClientSampleId :
DA9R7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Piperazine, 1-methyl-4-[2-(... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	4.42 ng/ul	31545200	Acenaphthene-d10	14.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Piperazine, 1-methyl-4-[2-(p-tol...	282 C14H22N2O2S	016191-68-7 50
2		4-Undecene, 9-methyl-, (Z)-	168 C12H24	074630-56-1 47
3		4-Decene, 8-methyl-, (E)-	154 C11H22	062338-50-5 43
4		2-Heptene, 3-methyl-	112 C8H16	003404-75-9 38
5		2-Octene, 3,7-dimethyl-, (Z)-	140 C10H20	006874-32-4 38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008787.D
Acq On : 22 Jan 2017 01:01
Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

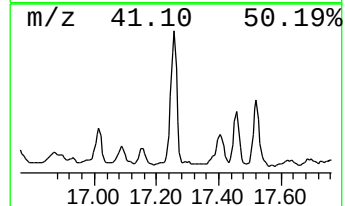
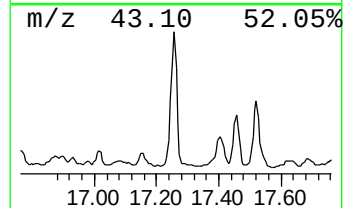
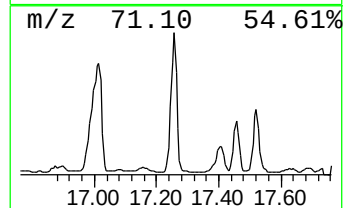
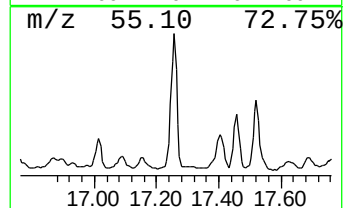
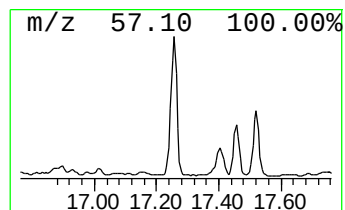
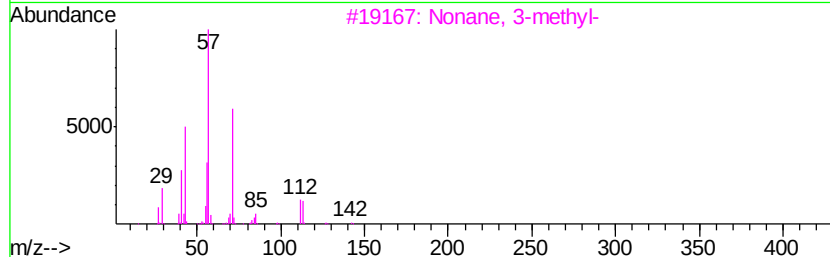
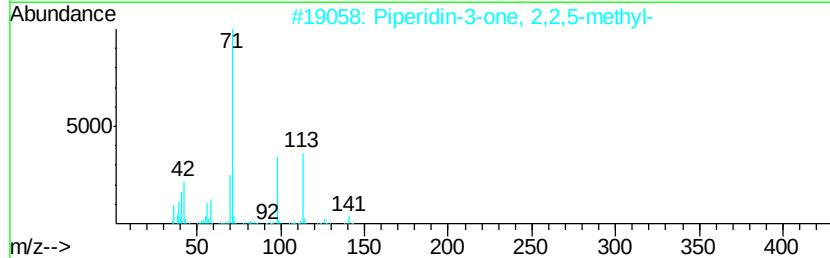
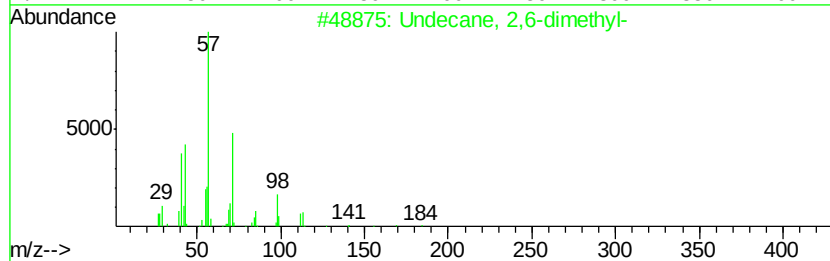
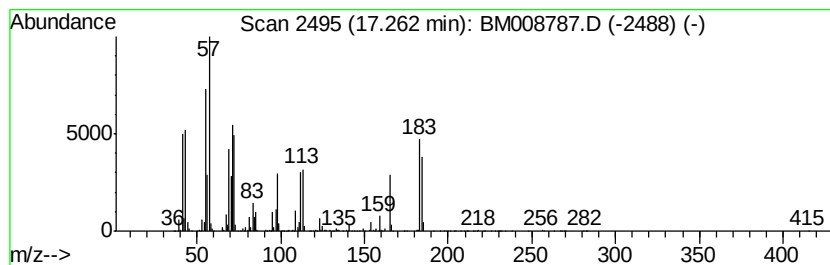
Instrument :
BNA_M
ClientSampleId :
DA9R7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.26	21.87 ng/ul	13976500	Phenanthrene-d10	17.34		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	25
2		Piperidin-3-one, 2,2,5-methyl-	141	C8H15NO	103634-57-7	25
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	22
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	14
5		Propanoic acid, 3-mercapto-, 2-e...	218	C11H22O2S	050448-95-8	14



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008787.D
Acq On : 22 Jan 2017 01:01
Operator : UM/SJ
Sample : I1323-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9R7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	8.09	20.0	ng/ul	195707000	1	7.96	195707000	20.0
Cyclohexanone, 3,...	8.43	4.1	ng/ul	40043800	1	7.96	195707000	20.0
Naphthalene, 1-me...	12.64	2.6	ng/ul	15604900	2	10.77	120109000	20.0
2-Cyclohexen-1-on...	12.77	2.1	ng/ul	15340600	3	14.59	142839000	20.0
Phenol, 3,4-dichl...	13.28	2.1	ng/ul	15234000	3	14.59	142839000	20.0
unknown-01	15.08	3.3	ng/ul	23289800	3	14.59	142839000	20.0
Piperazine, 1-met...	15.29	4.4	ng/ul	31545200	3	14.59	142839000	20.0
(DEL) Alkane: Str...	17.26	21.9	ng/ul	13976500	4	17.34	12780400	20.0