

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012602.D
 Acq On : 31 Oct 2017 09:33
 Operator : SJ/JU
 Sample : I5786-01DL 25X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-38(FILL)_100917DL

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\SOM-EPA-BM102417.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	6.857	637	641	647	rBV	122971	176729	1.97%	0.297%
2	7.010	662	667	668	rBV	89036	126115	1.41%	0.212%
3	7.198	693	699	703	rVB4	76887	131052	1.46%	0.220%
4	7.392	728	732	746	rVB5	99213	258081	2.88%	0.434%
5	7.704	780	785	789	rVB	76076	123028	1.37%	0.207%
6	7.857	802	811	819	rVB2	1694416	3264548	36.43%	5.487%
7	7.987	828	833	838	rBV	141288	236175	2.64%	0.397%
8	8.092	846	851	858	rBV	952497	1550683	17.30%	2.606%
9	8.269	878	881	889	rBV5	48455	118242	1.32%	0.199%
10	8.345	889	894	898	rBV	128545	202903	2.26%	0.341%
11	8.398	898	903	908	rBV	870880	1495460	16.69%	2.513%
12	8.534	916	926	931	rBV	561118	925983	10.33%	1.556%
13	8.739	955	961	964	rBV	332959	570028	6.36%	0.958%
14	8.769	964	966	973	rVB	197617	244509	2.73%	0.411%
15	8.892	982	987	989	rBV3	77334	128394	1.43%	0.216%
16	8.969	995	1000	1005	rVB5	139477	291695	3.25%	0.490%
17	9.057	1009	1015	1018	rVV3	96419	212584	2.37%	0.357%
18	9.092	1018	1021	1030	rVB2	169527	354228	3.95%	0.595%
19	9.175	1030	1035	1038	rBV2	95337	174753	1.95%	0.294%
20	9.316	1050	1059	1061	rBV6	48830	116127	1.30%	0.195%
21	9.381	1065	1070	1074	rVV	131556	199268	2.22%	0.335%
22	9.433	1074	1079	1084	rVB	271945	433121	4.83%	0.728%
23	9.539	1093	1097	1101	rBV7	57285	110204	1.23%	0.185%
24	9.622	1108	1111	1116	rVB	101754	144854	1.62%	0.243%
25	9.675	1116	1120	1124	rBV2	68951	102316	1.14%	0.172%
26	9.733	1124	1130	1136	rBV2	73407	141618	1.58%	0.238%
27	9.839	1142	1148	1156	rBV8	75686	189262	2.11%	0.318%
28	9.933	1158	1164	1169	rBV2	96606	188355	2.10%	0.317%
29	10.063	1181	1186	1193	rVB	468720	741777	8.28%	1.247%
30	10.133	1193	1198	1202	rBV	312988	473739	5.29%	0.796%
31	10.169	1202	1204	1210	rVB	132912	163783	1.83%	0.275%
32	10.233	1210	1215	1220	rBV	115175	221599	2.47%	0.372%
33	10.380	1235	1240	1244	rBV	66616	100155	1.12%	0.168%
34	10.651	1276	1286	1299	rBV	2064248	3612473	40.31%	6.072%

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35	13.898	1829	1838	1843	rBV	109472	184001	2.05%	0.309%
36	14.186	1882	1887	1890	rBV	119992	201207	2.25%	0.338%
37	14.492	1931	1939	1946	rBV2	3006475	4525594	50.50%	7.606%
38	15.486	2102	2108	2113	rBV	164835	238154	2.66%	0.400%
39	15.539	2113	2117	2124	rVB2	64383	98313	1.10%	0.165%
40	16.639	2300	2304	2308	rBV	85367	127507	1.42%	0.214%
41	17.239	2399	2406	2410	rBV2	3778262	5479348	61.14%	9.209%
42	17.280	2410	2413	2418	rVV	785112	1061000	11.84%	1.783%
43	17.333	2418	2422	2425	rVV	200088	292259	3.26%	0.491%
44	17.368	2425	2428	2432	rVB	212891	284943	3.18%	0.479%
45	17.633	2467	2473	2485	rBV2	93700	216654	2.42%	0.364%
46	18.127	2551	2557	2561	rBV2	1047901	1554306	17.34%	2.612%
47	18.303	2582	2587	2591	rBV2	207560	377735	4.22%	0.635%
48	19.292	2750	2755	2760	rBV	1877655	2605498	29.07%	4.379%
49	19.403	2770	2774	2777	rBV2	344108	482393	5.38%	0.811%
50	19.621	2807	2811	2813	rBV3	462813	675686	7.54%	1.136%
51	19.650	2813	2816	2825	rVB	1508642	2045109	22.82%	3.437%
52	21.321	3096	3100	3105	rVB	5485815	5970828	66.63%	10.035%
53	21.409	3109	3115	3119	rBV2	6139937	8961643	100.00%	15.062%
54	23.715	3502	3507	3513	rVB	3600923	6591808	73.56%	11.079%

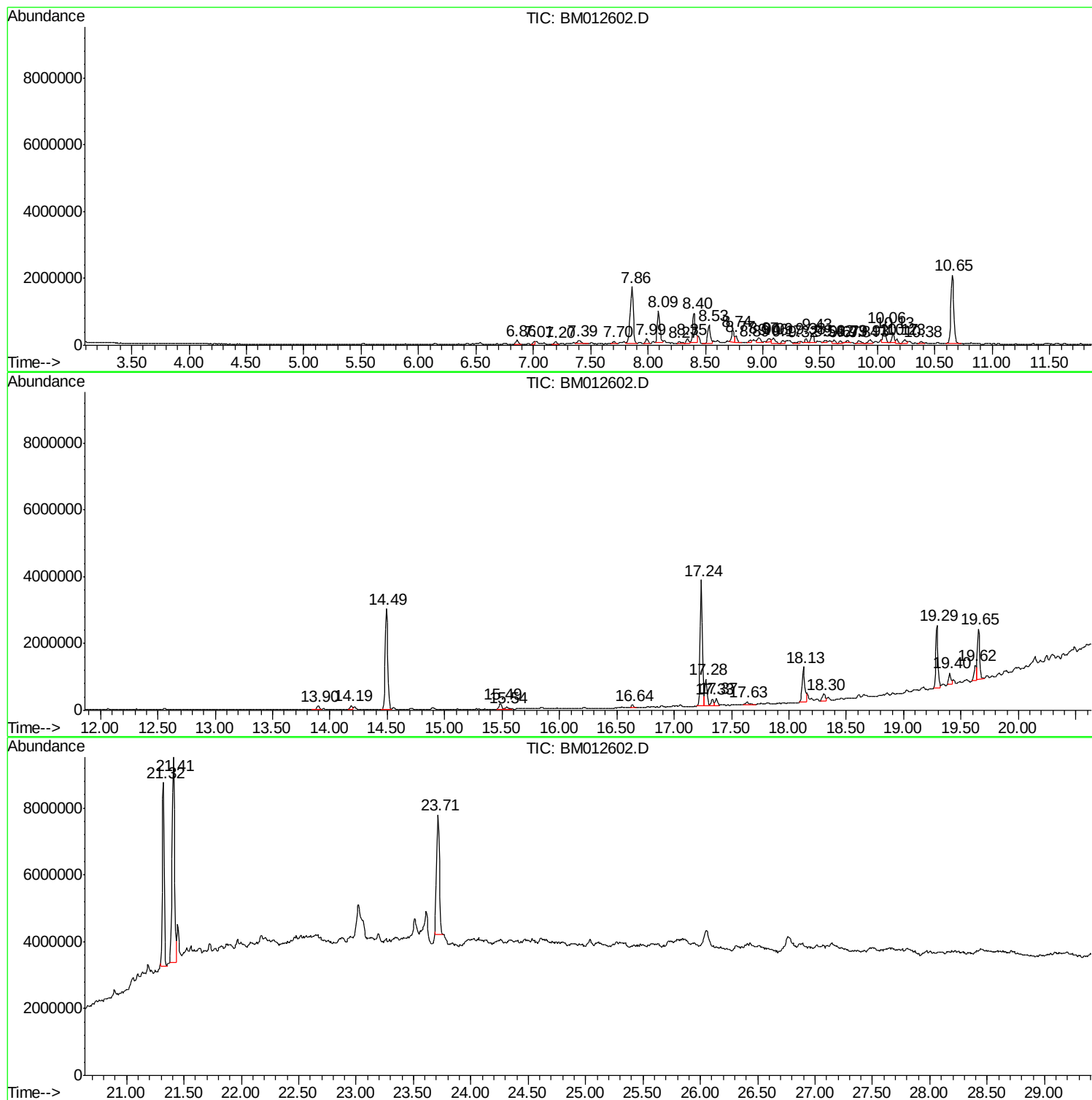
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



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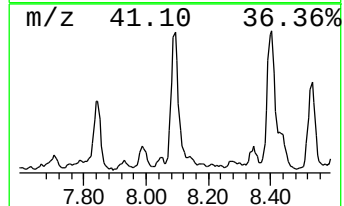
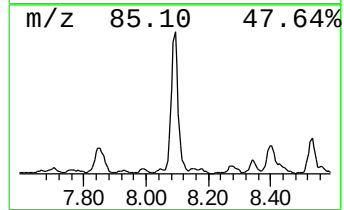
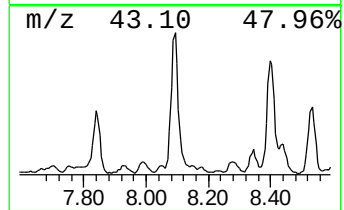
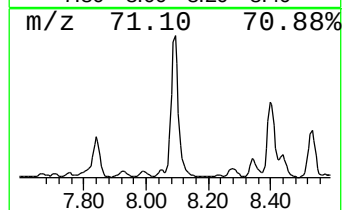
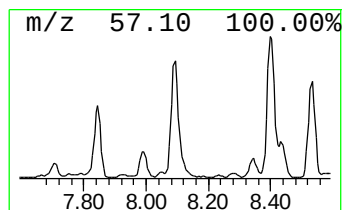
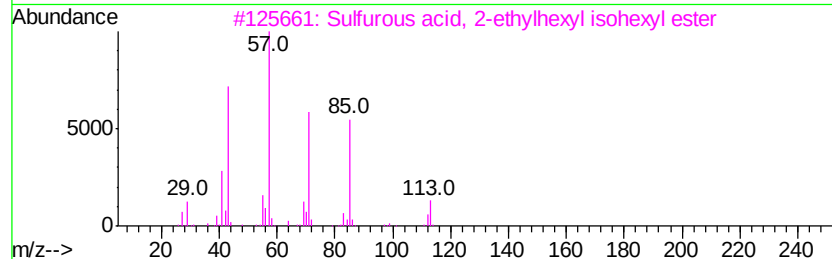
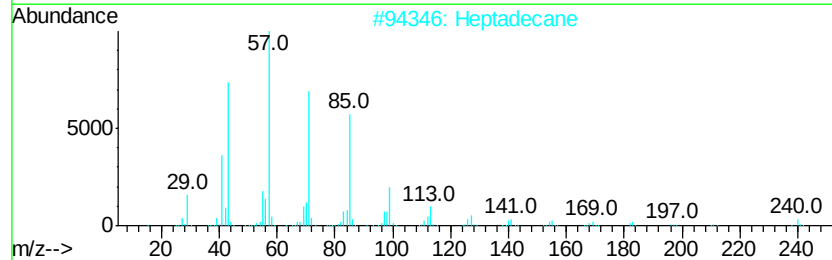
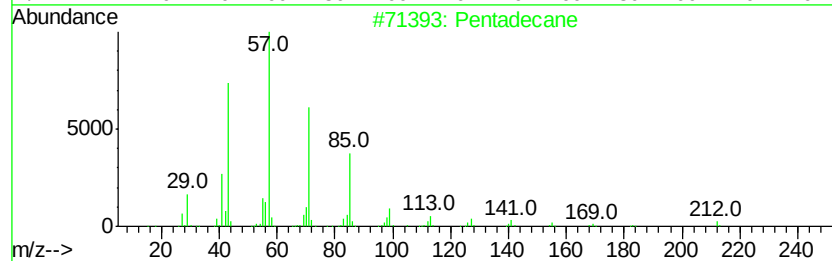
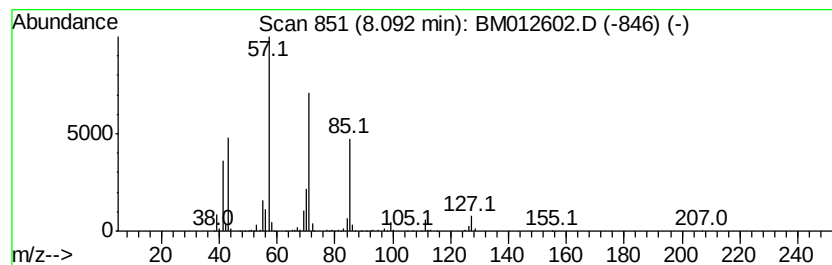
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	9.50 ng/ul	1550680	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	64
2		Heptadecane	240	C17H36	000629-78-7	64
3		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
4		Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	64
5		Octacosane	394	C28H58	000630-02-4	64



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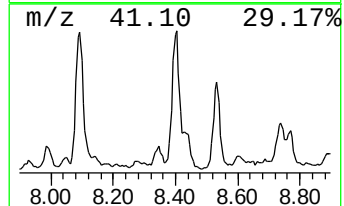
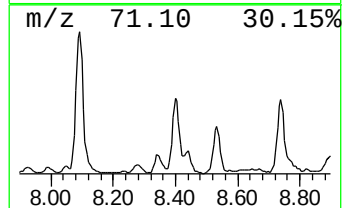
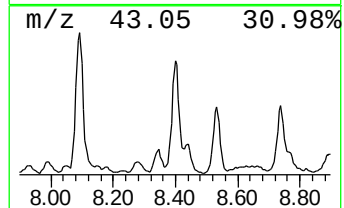
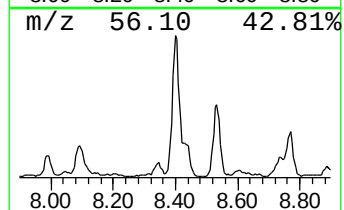
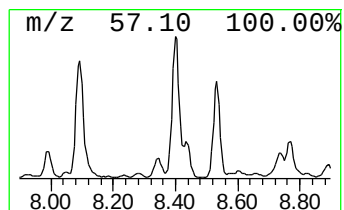
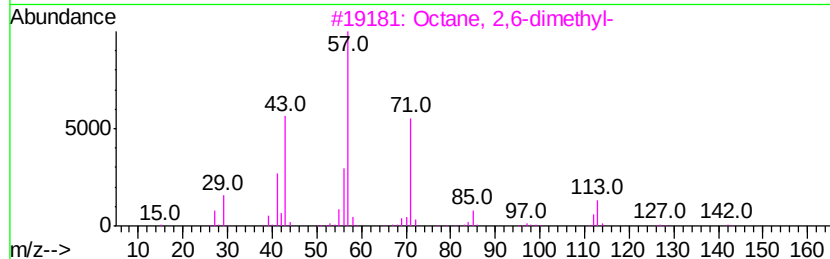
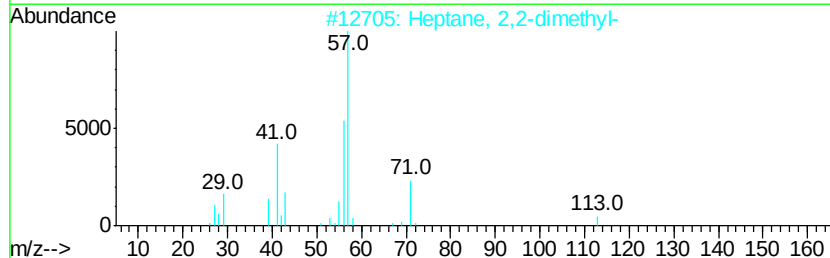
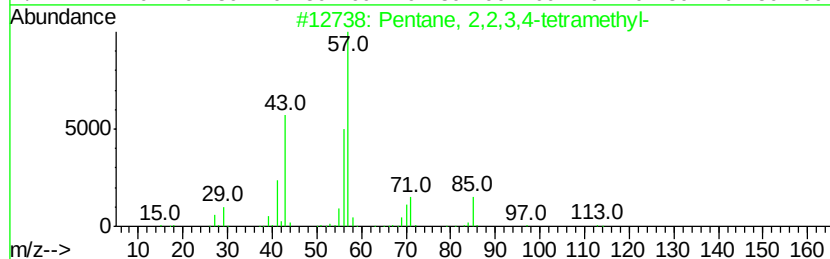
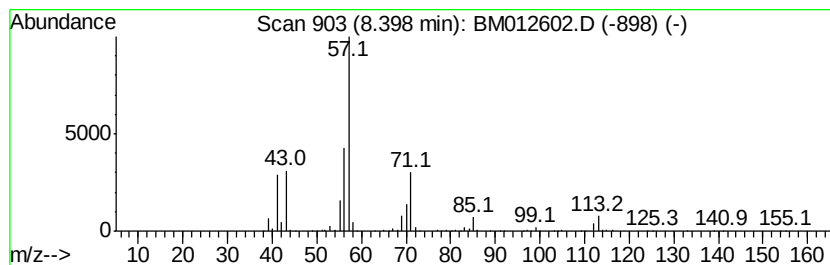
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	9.16 ng/ul	1495460	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
2		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	56
4		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53



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Misc :
ALS Vial : 33 Sample Multiplier: 1

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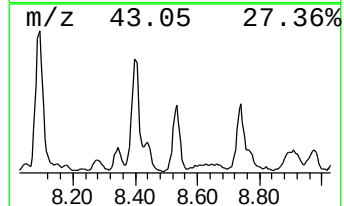
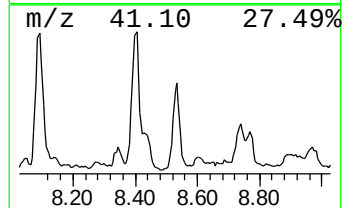
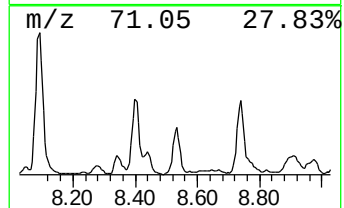
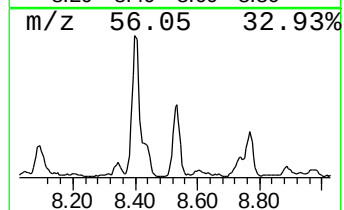
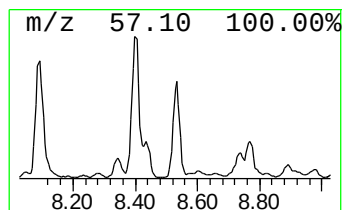
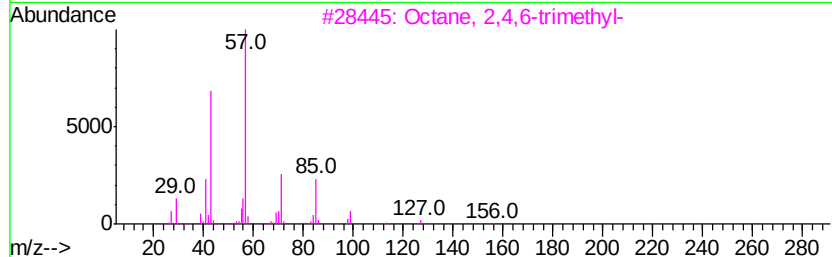
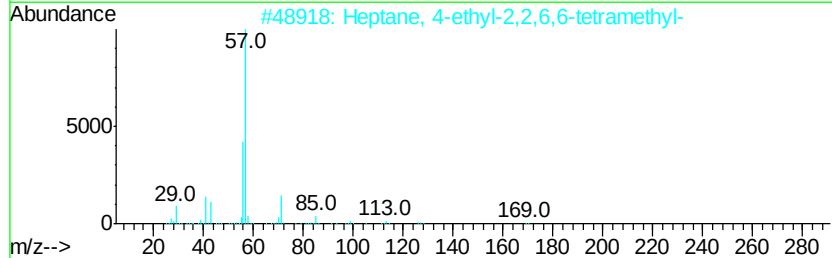
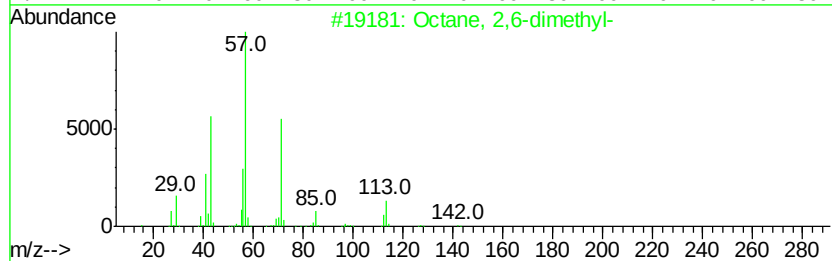
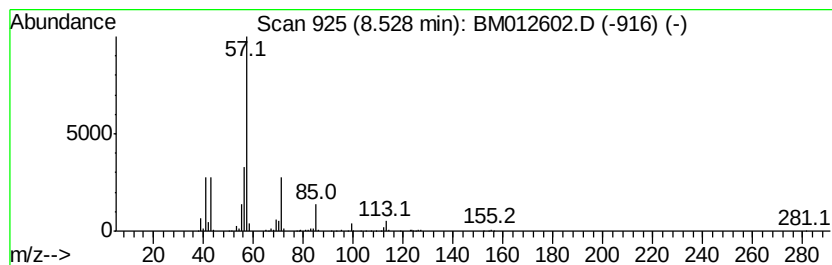
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	5.67 ng/ul	925983	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2		Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	59
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
5		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	53



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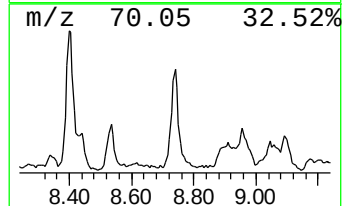
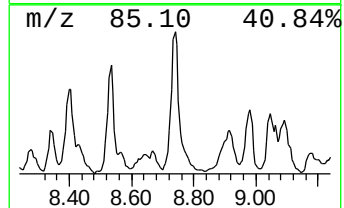
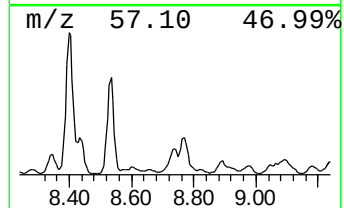
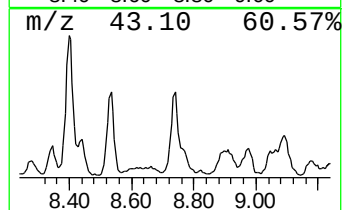
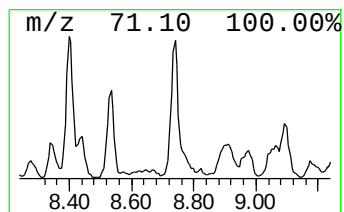
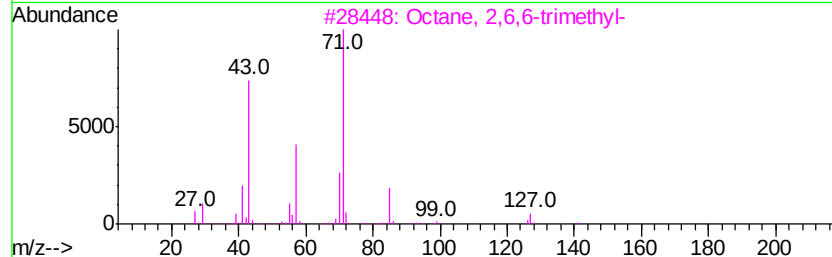
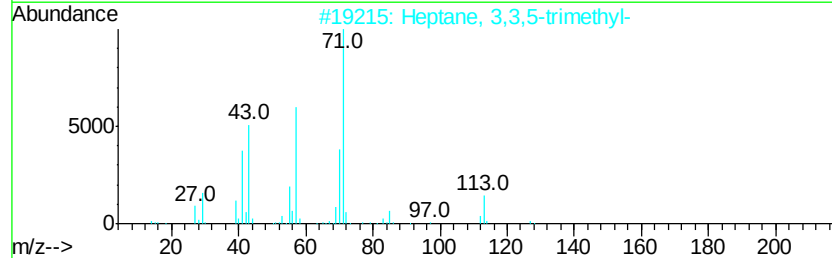
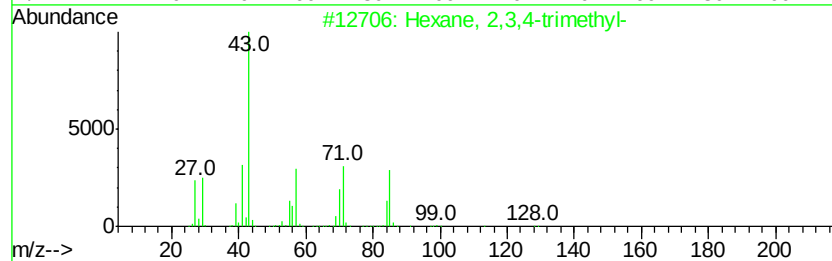
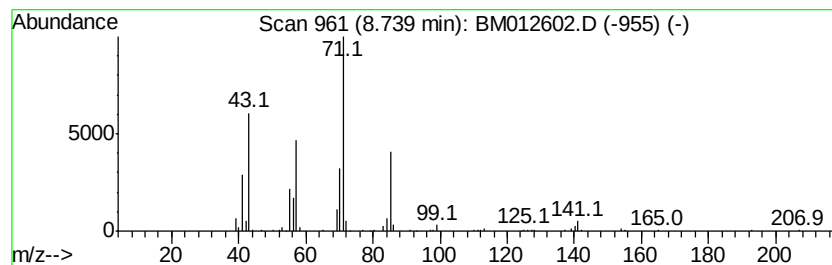
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	3.49 ng/ul	570028	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	58
2		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
3		Octane, 2,6,6-trimethyl-	156	C11H24	054166-32-4	53
4		Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	53
5		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	53



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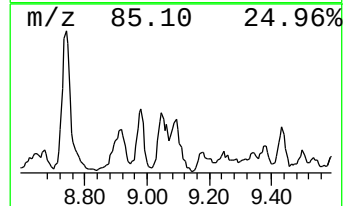
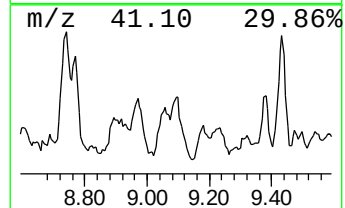
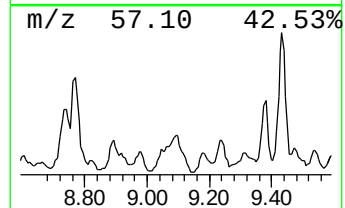
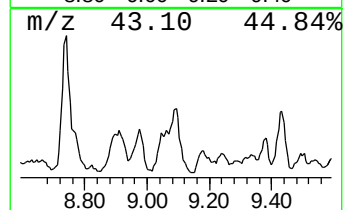
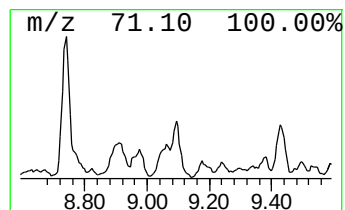
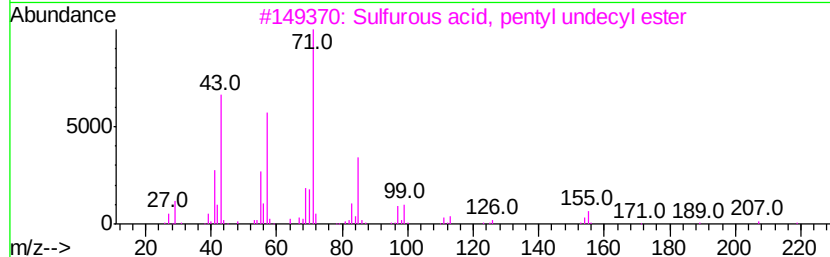
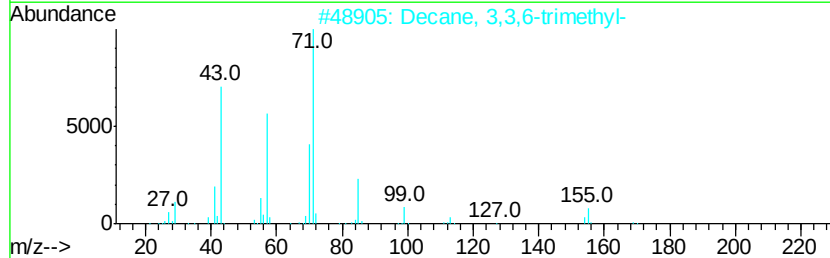
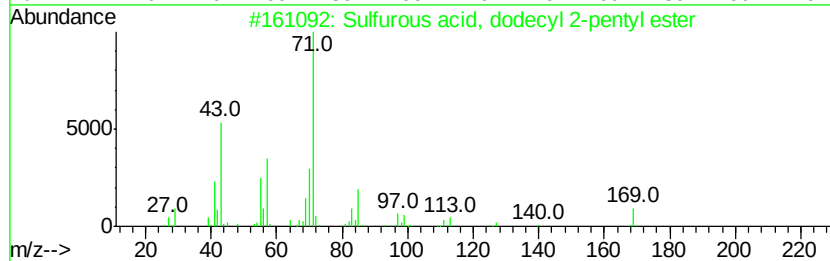
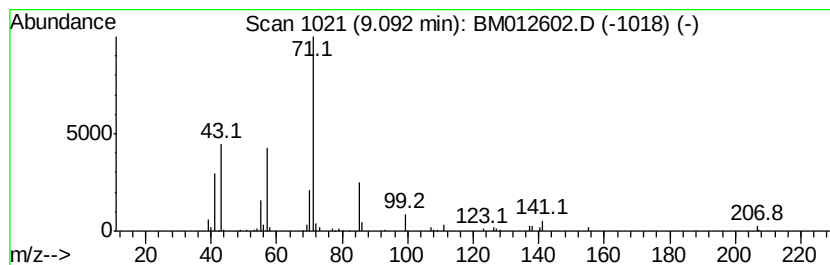
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Sulfurous acid, dodecyl 2-p... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	2.17 ng/ul	354228	1,4-Dichlorobenzene-d4	7.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, dodecyl 2-pentyl...	320	C17H36O3S	1000309-16-1	64
2		Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	59
3		Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	56
4		Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	50
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	45



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012602.D
Acq On : 31 Oct 2017 09:33
Operator : SJ/JU
Sample : I5786-01DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-38(FILL)_100917DL

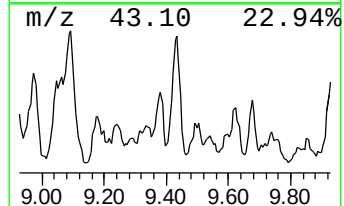
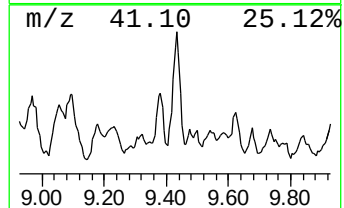
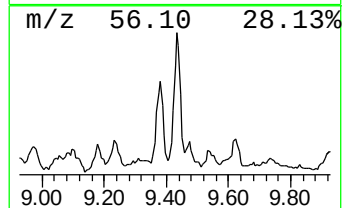
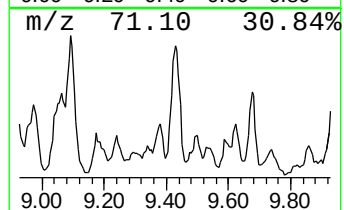
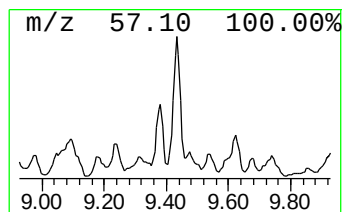
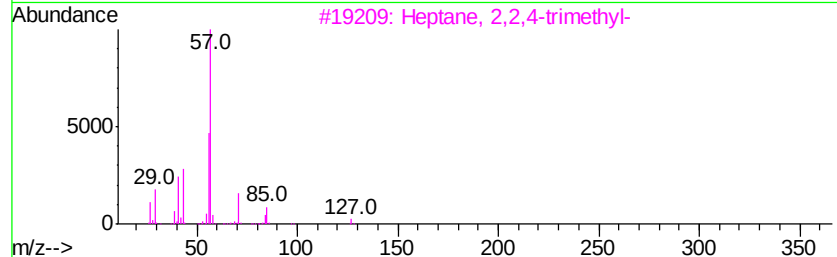
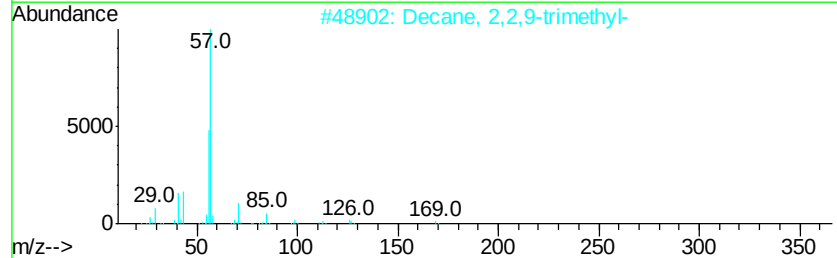
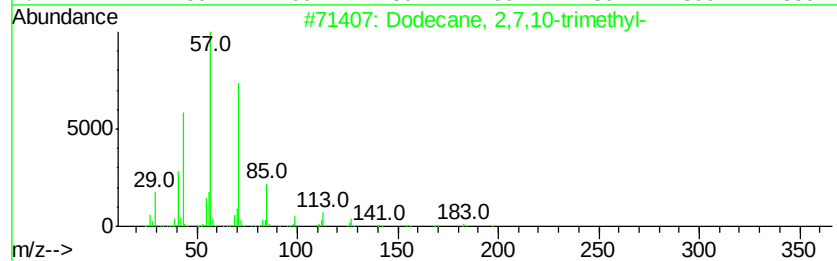
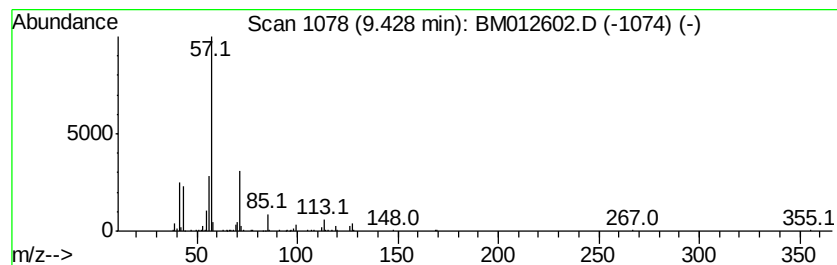
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
9.43	2.40 ng/ul	433121	Napthalene-d8	10.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
2		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	53
3		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	53
4		Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	53
5		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	50



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012602.D
Acq On : 31 Oct 2017 09:33
Operator : SJ/JU
Sample : I5786-01DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

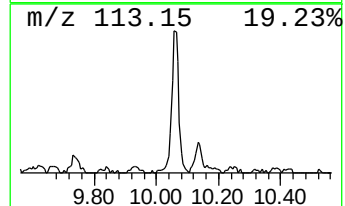
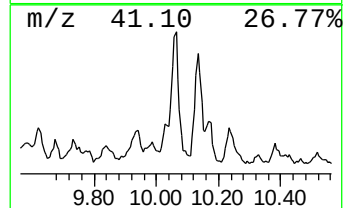
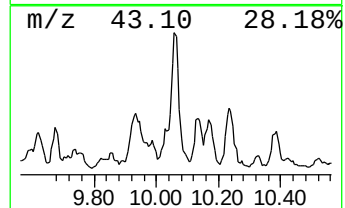
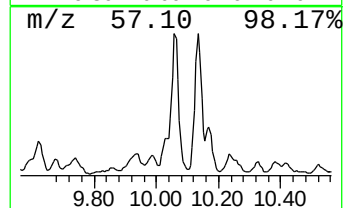
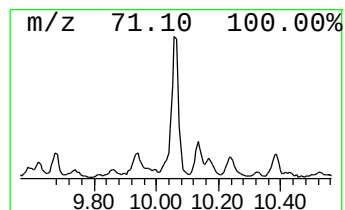
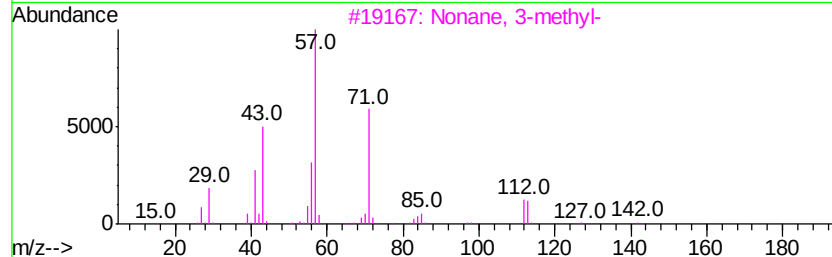
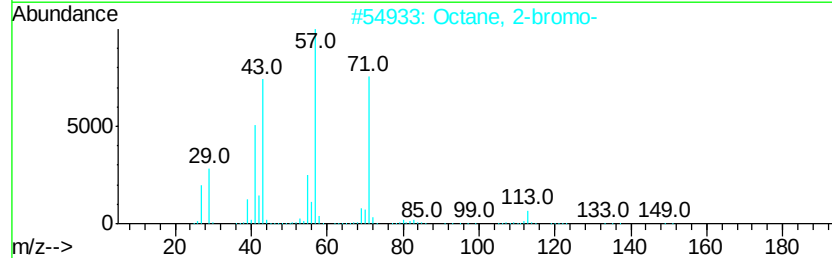
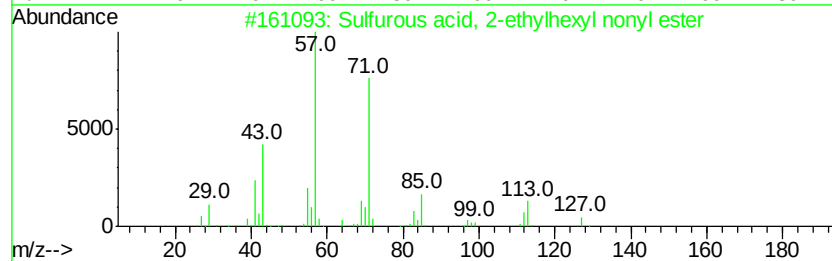
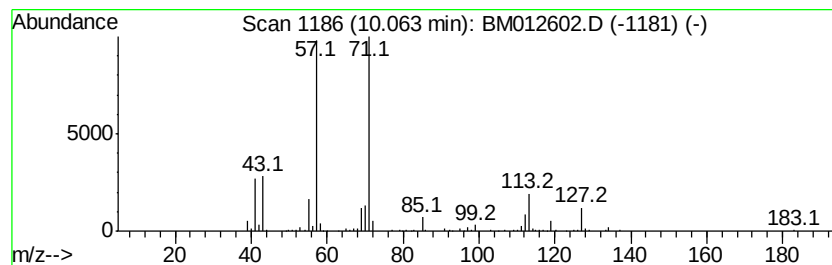
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ClientSampleId :
B-38(FILL)_100917DL

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Sulfurous acid, 2-ethylhexy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.06	4.11 ng/ul	741777	Napthalene-d8	10.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	78
2		Octane, 2-bromo-	192	C8H17Br	000557-35-7	72
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	59
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012602.D
Acq On : 31 Oct 2017 09:33
Operator : SJ/JU
Sample : I5786-01DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-38(FILL)_100917DL

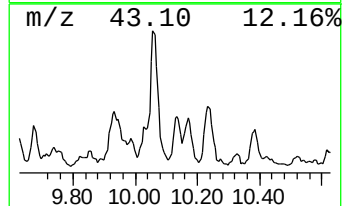
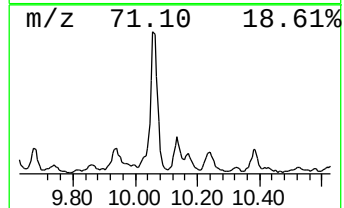
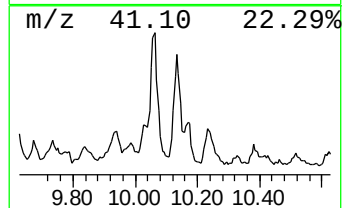
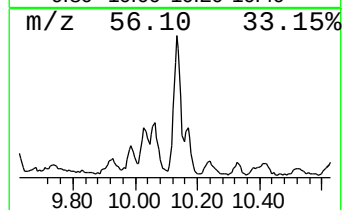
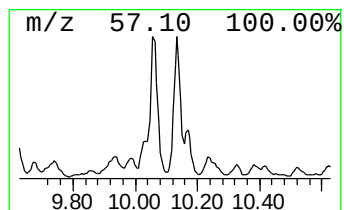
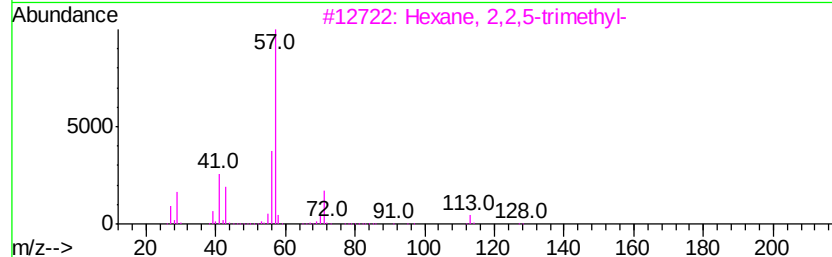
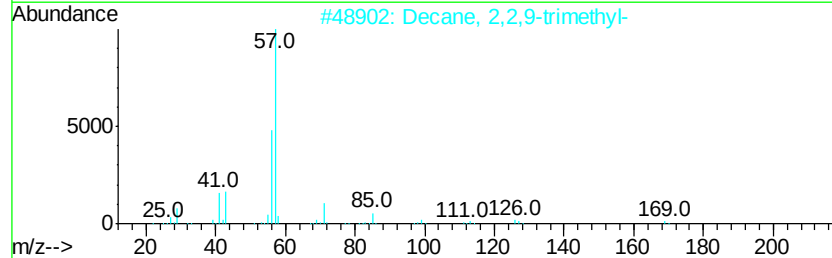
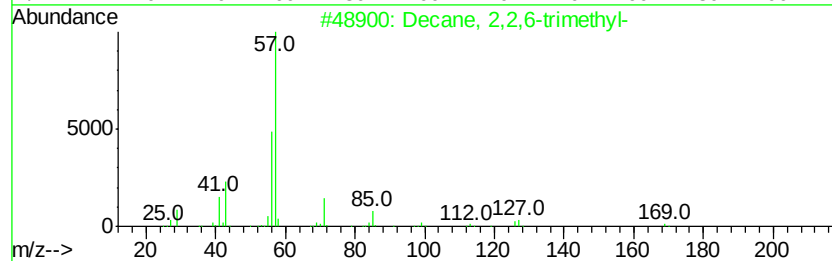
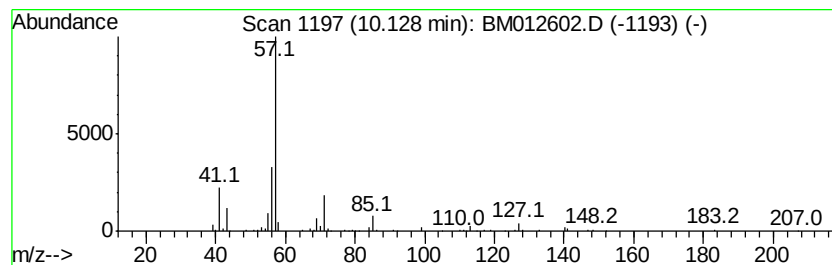
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.62 ng/ul	473739	Napthalene-d8	10.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	72
2		Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	64
3		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
4		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59



Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012602.D
Acq On : 31 Oct 2017 09:33
Operator : SJ/JU
Sample : I5786-01DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-38(FILL)_100917DL

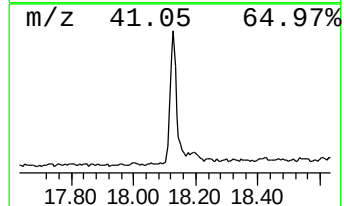
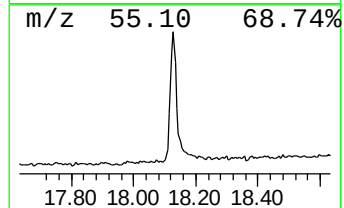
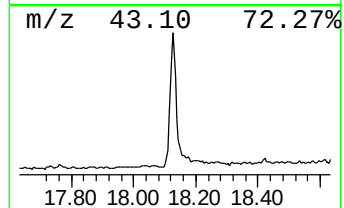
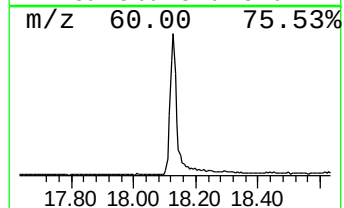
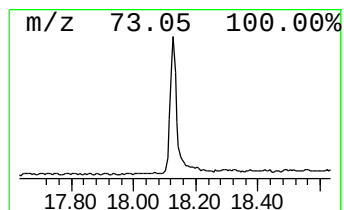
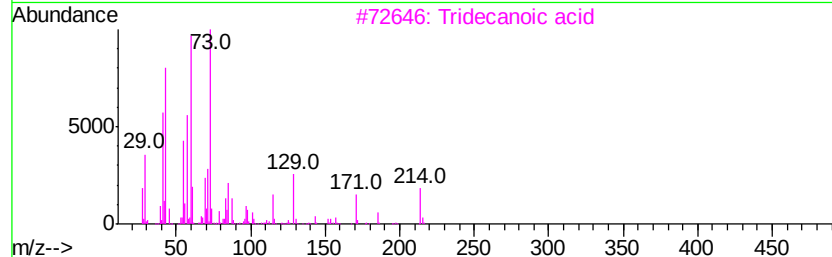
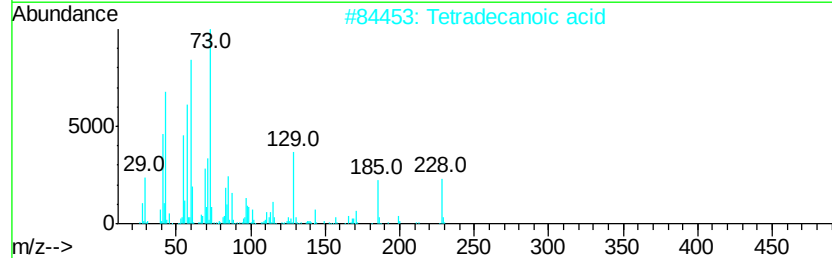
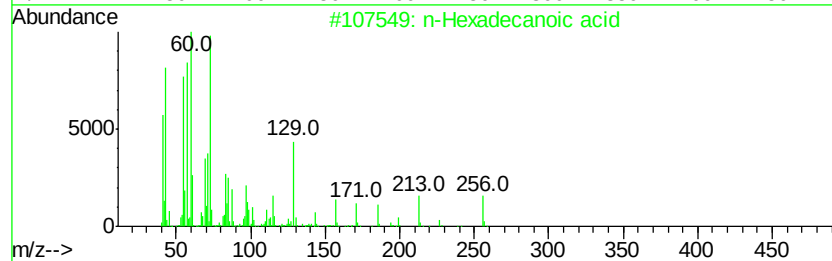
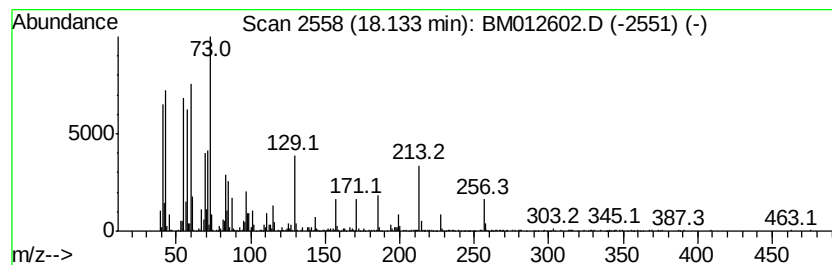
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	5.67 ng/ul	1554310	Phenanthrene-d10	17.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM103017\
Data File : BM012602.D
Acq On : 31 Oct 2017 09:33
Operator : SJ/JU
Sample : I5786-01DL 25X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-38(FILL)_100917DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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
(DEL) Alkane: Str...	8.09	9.5	ng/ul	1550680	1	7.86	3264550	20.0
(DEL) Alkane: Str...	8.40	9.2	ng/ul	1495460	1	7.86	3264550	20.0
(DEL) Alkane: Str...	8.53	5.7	ng/ul	925983	1	7.86	3264550	20.0
(DEL) Alkane: Str...	8.74	3.5	ng/ul	570028	1	7.86	3264550	20.0
Sulfurous acid, d...	9.09	2.2	ng/ul	354228	1	7.86	3264550	20.0
(DEL) Alkane: Str...	9.43	2.4	ng/ul	433121	2	10.65	3612470	20.0
Sulfurous acid, 2...	10.06	4.1	ng/ul	741777	2	10.65	3612470	20.0
(DEL) Alkane: Str...	10.13	2.6	ng/ul	473739	2	10.65	3612470	20.0
n-Hexadecanoic acid	18.13	5.7	ng/ul	1554310	4	17.24	5479350	20.0