

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061918\
 Data File : BM015719.D
 Acq On : 19 Jun 2018 13:38
 Operator : SJ/JU
 Sample : J3527-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAXS4

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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	3.540	38	43	49	rBV2	18636	33199	1.00%	0.087%
2	5.098	297	308	319	rBV	61204	128691	3.88%	0.339%
3	5.234	325	331	342	rVB	26267	48432	1.46%	0.128%
4	5.340	344	349	361	rVB	90978	148435	4.47%	0.391%
5	7.469	705	711	725	rBV	525202	945685	28.50%	2.490%
6	7.639	733	740	749	rBV	390571	623157	18.78%	1.641%
7	7.845	768	775	785	rBV	565949	943184	28.42%	2.484%
8	8.322	850	856	868	rBV	424163	717164	21.61%	1.889%
9	9.033	971	977	986	rBV	699048	1152259	34.72%	3.034%
10	9.510	1051	1058	1068	rBV	512943	897778	27.05%	2.364%
11	10.233	1174	1181	1192	rBV	469360	791862	23.86%	2.085%
12	10.392	1203	1208	1214	rBV	17915	33573	1.01%	0.088%
13	10.769	1266	1272	1291	rBV	691414	1210455	36.48%	3.188%
14	11.151	1330	1337	1349	rBV	604232	1029473	31.02%	2.711%
15	11.292	1354	1361	1373	rBV	576022	1033498	31.14%	2.722%
16	11.680	1421	1427	1441	rBV	42484	94418	2.85%	0.249%
17	12.445	1551	1557	1568	rBV	128282	195162	5.88%	0.514%
18	12.927	1633	1639	1650	rBV	163541	285203	8.59%	0.751%
19	14.339	1873	1879	1883	rBV	1210886	1653078	49.82%	4.353%
20	14.386	1883	1887	1895	rVB	419911	569465	17.16%	1.500%
21	14.639	1923	1930	1939	rBV	1332184	1941395	58.50%	5.112%
22	14.786	1950	1955	1961	rBV	64199	83035	2.50%	0.219%
23	14.939	1974	1981	1993	rVB2	852665	1339609	40.37%	3.528%
24	15.139	2009	2015	2028	rBV	472428	816832	24.62%	2.151%
25	15.921	2142	2148	2156	rBV	1646820	2357475	71.04%	6.208%
26	16.051	2164	2170	2178	rBV	504102	717809	21.63%	1.890%
27	16.280	2203	2209	2217	rBV	647313	829849	25.01%	2.185%
28	17.662	2438	2444	2455	rBV2	1125740	1715927	51.71%	4.519%
29	17.762	2455	2461	2469	rBV2	1808000	2629237	79.23%	6.924%
30	17.974	2493	2497	2505	rVB3	32714	46464	1.40%	0.122%
31	18.380	2563	2566	2571	rVB3	29933	42953	1.29%	0.113%
32	18.503	2579	2587	2603	rBV	677791	968425	29.18%	2.550%
33	19.633	2772	2779	2782	rBV6	27896	65530	1.97%	0.173%
34	19.750	2795	2799	2809	rBV	325909	441625	13.31%	1.163%

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35	20.015	2839	2844	2853	rBV	2261487	3073249	92.61%	8.093%
36	21.433	3081	3085	3092	rBV	372715	462003	13.92%	1.217%
37	21.774	3138	3143	3149	rBV	1575453	2069093	62.35%	5.449%
38	22.962	3340	3345	3353	rVB	291136	429240	12.94%	1.130%
39	24.032	3520	3527	3536	rVB2	1688381	3318368	100.00%	8.738%
40	24.185	3546	3553	3562	rVB2	1046296	2092677	63.06%	5.511%

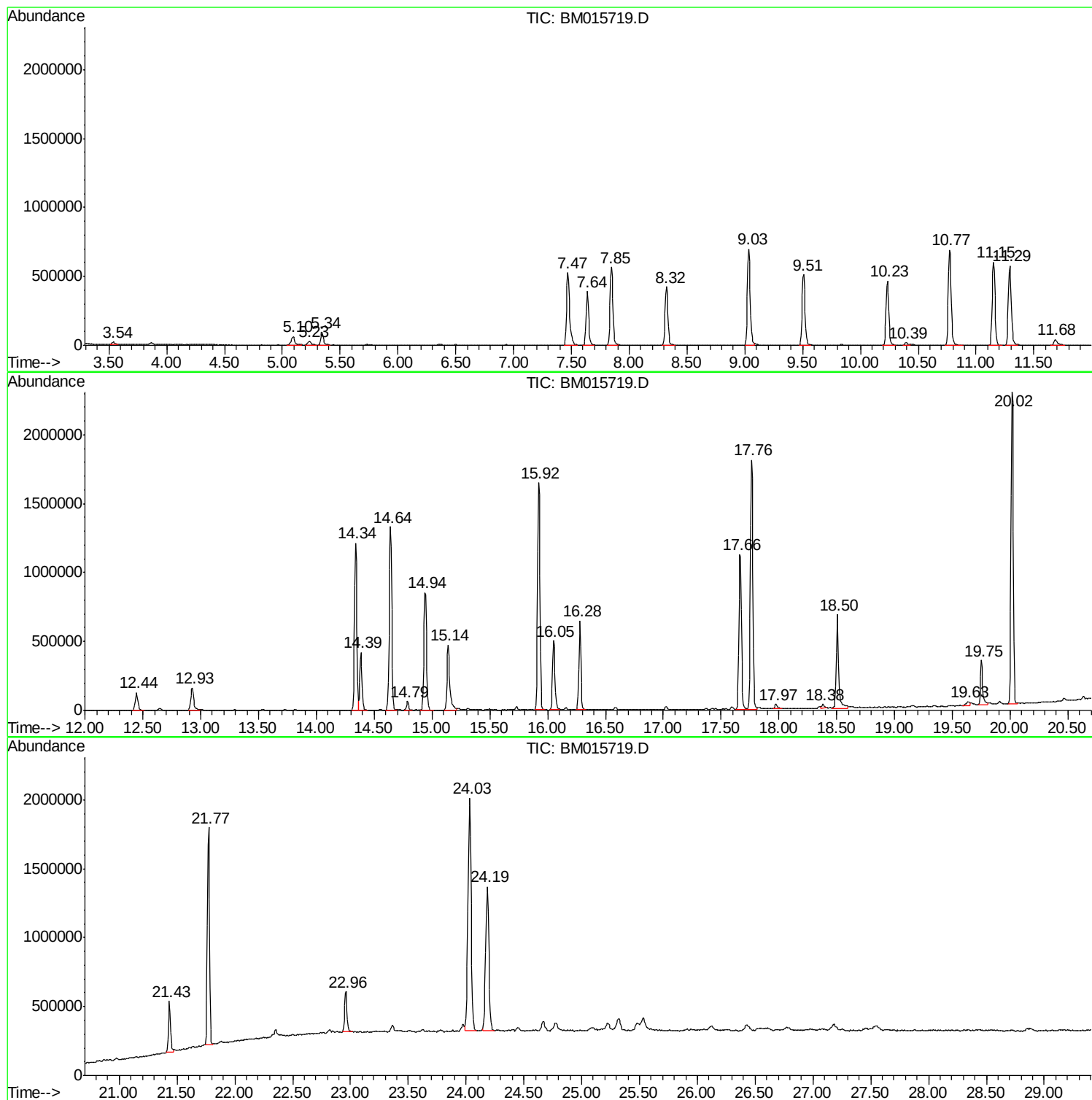
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

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



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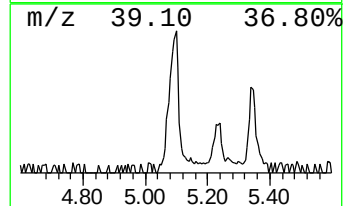
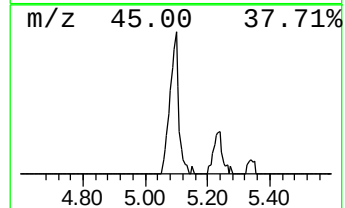
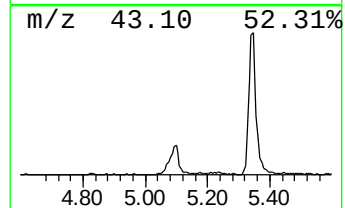
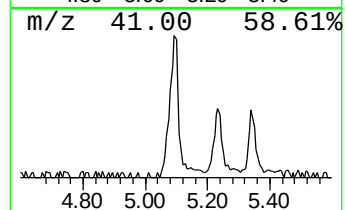
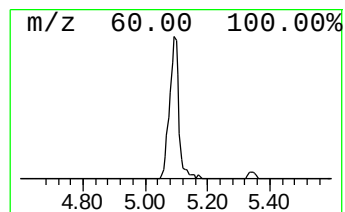
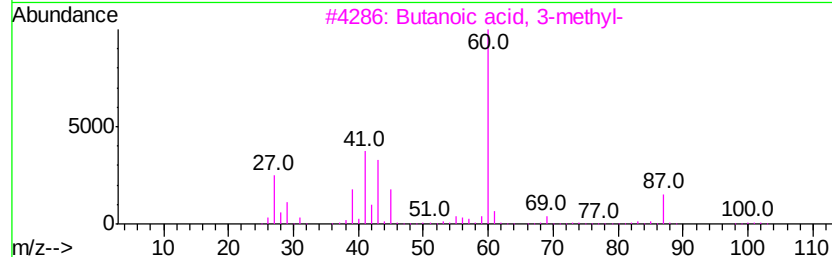
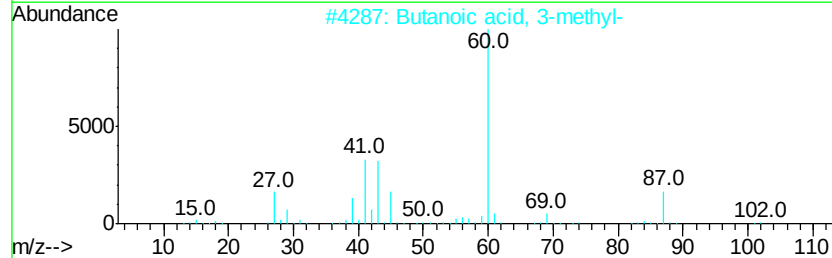
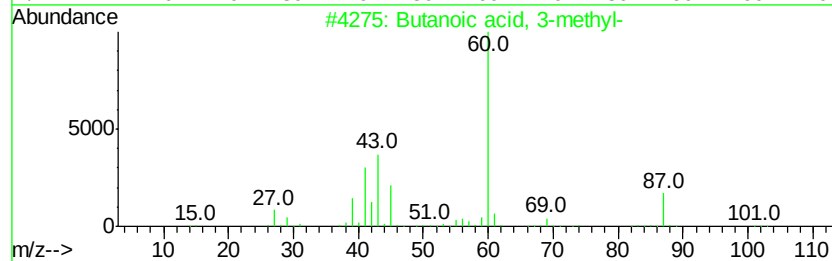
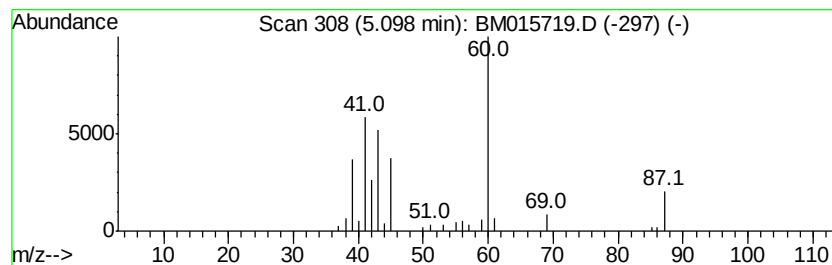
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TIC Library : C:\Database\NIST11.L
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Peak Number 1 Butanoic acid, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	3.59 ng/ul	128691	1,4-Dichlorobenzene-d4	8.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64
2		Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64
3		Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	59
4		Formic acid hydrazide	60	CH4N2O	000624-84-0	50
5		Isoamyl nitrite	117	C5H11NO2	000110-46-3	36



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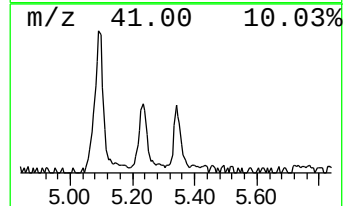
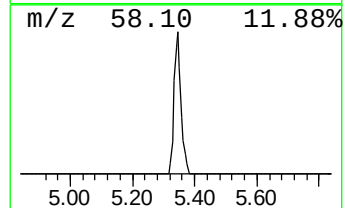
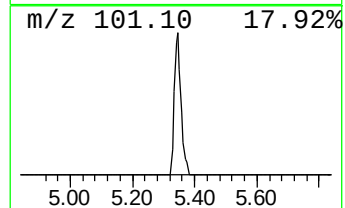
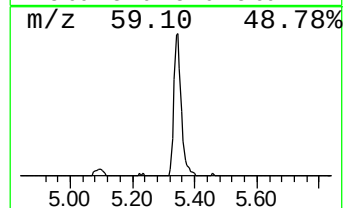
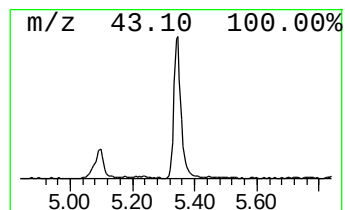
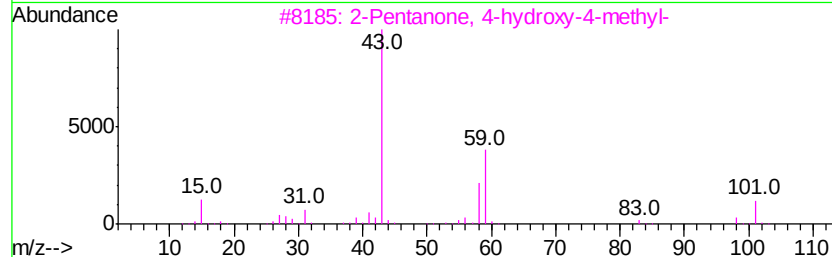
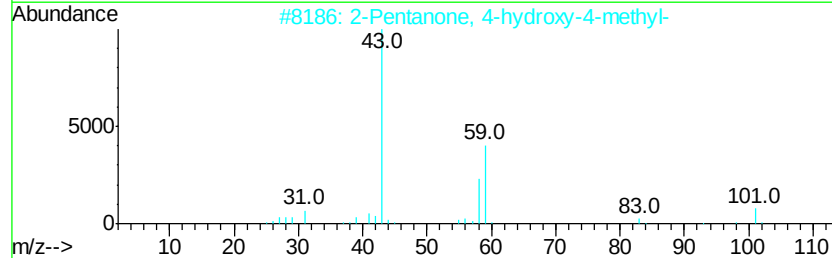
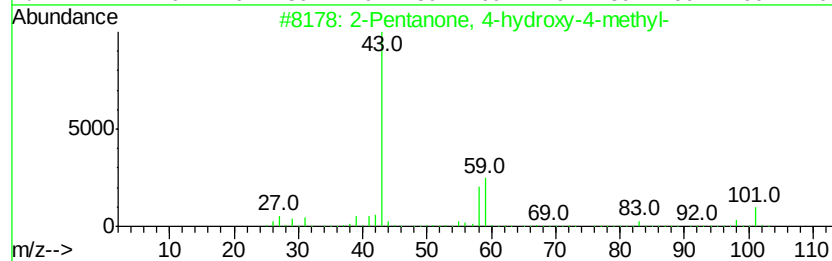
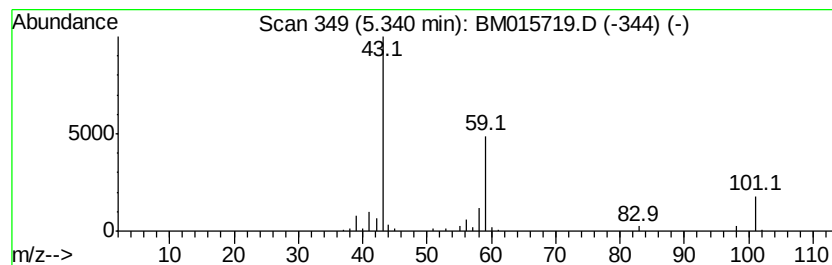
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.34	4.14 ng/ul	148435	1,4-Dichlorobenzene-d4	8.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27



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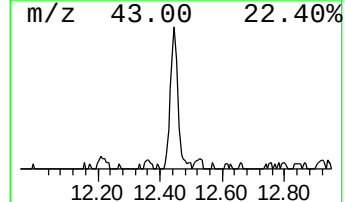
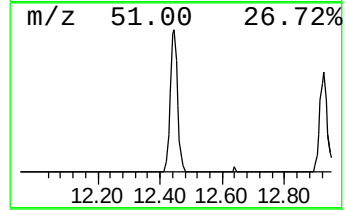
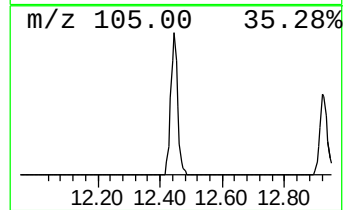
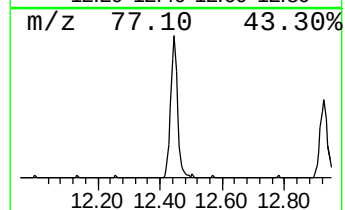
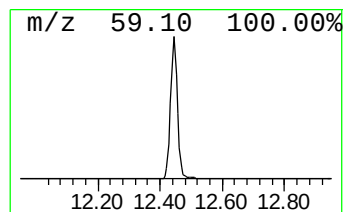
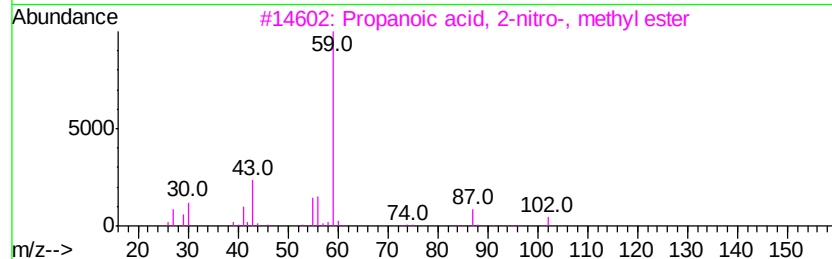
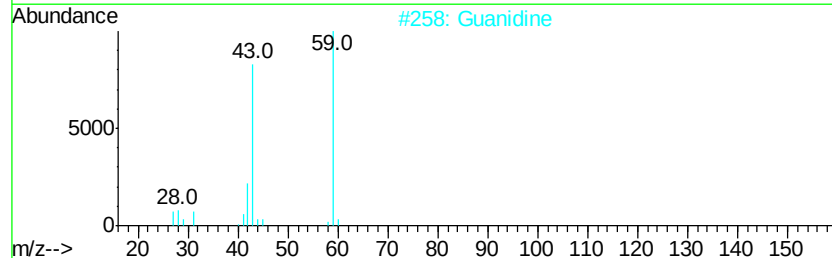
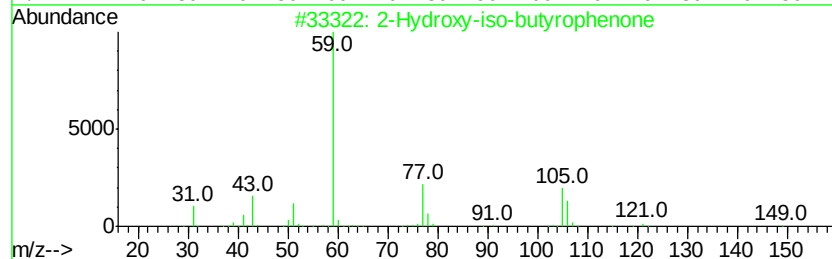
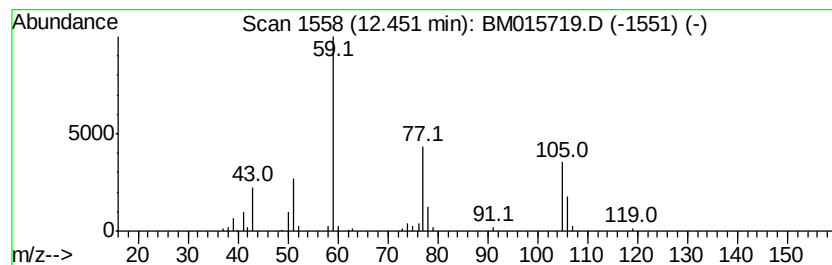
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 2-Hydroxy-iso-butyrophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	3.79 ng/ul	195162	Napthalene-d8	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	64
2		Guanidine	59	CH5N3	000113-00-8	9
3		Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9
4		2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	9
5		1-Hexen-4-ol, 1-chloro-3-methyl-	148	C7H13ClO	1000153-35-0	9



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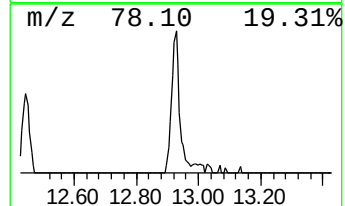
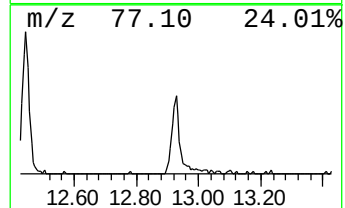
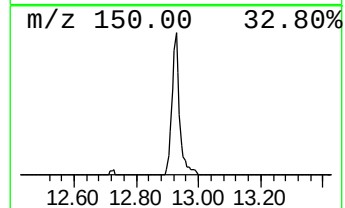
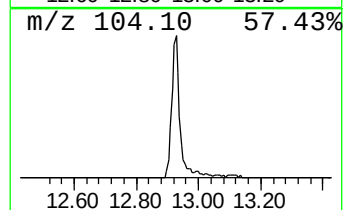
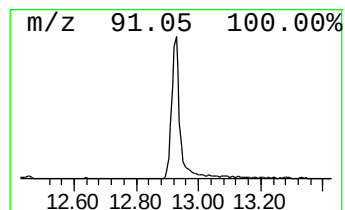
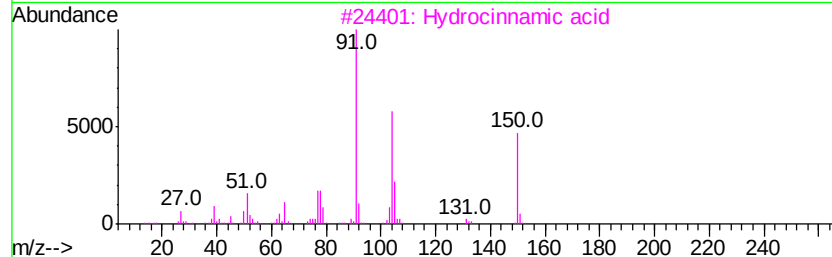
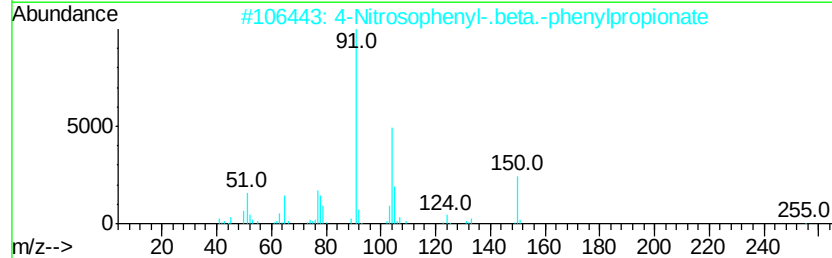
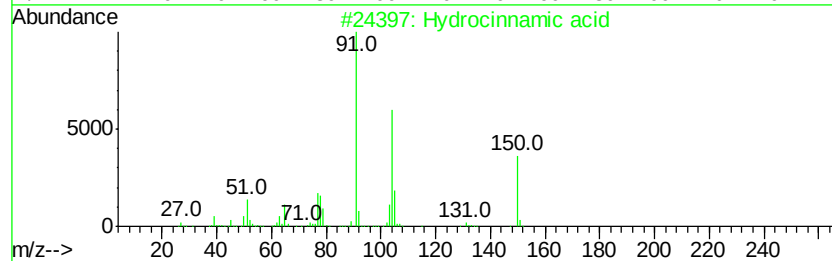
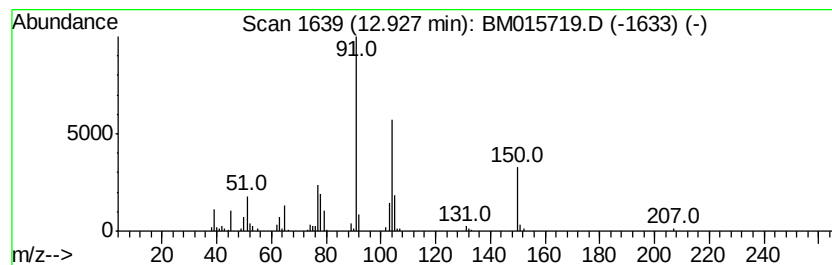
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Peak Number 4 Hydrocinnamic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	5.54 ng/ul	285203	Napthalene-d8	11.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hydrocinnamic acid	150 C9H10O2	000501-52-0	96
2	4-Nitrosophenyl-.beta.-phenylpro...	255 C15H13NO3	1000129-40-0	91
3	Hydrocinnamic acid	150 C9H10O2	000501-52-0	87
4	Hydrocinnamic acid	150 C9H10O2	000501-52-0	87
5	Hydrocinnamic acid	150 C9H10O2	000501-52-0	81



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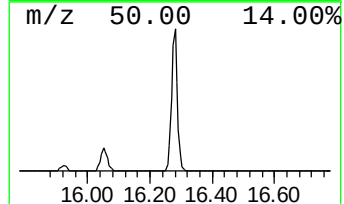
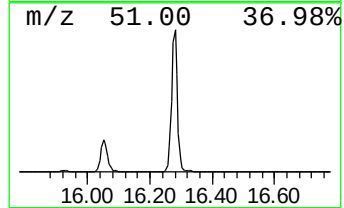
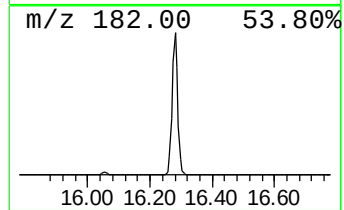
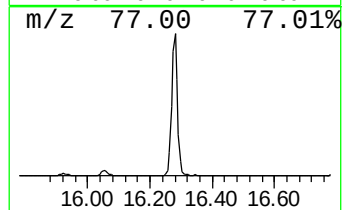
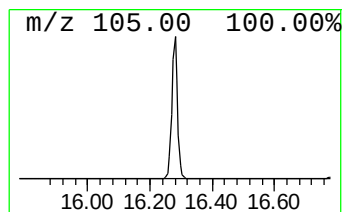
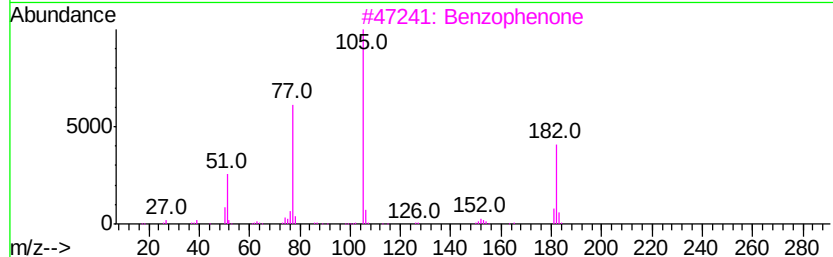
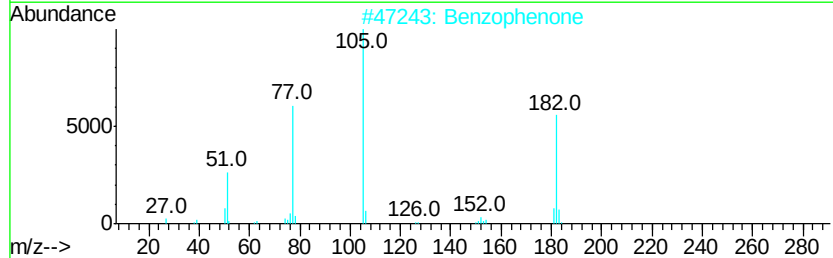
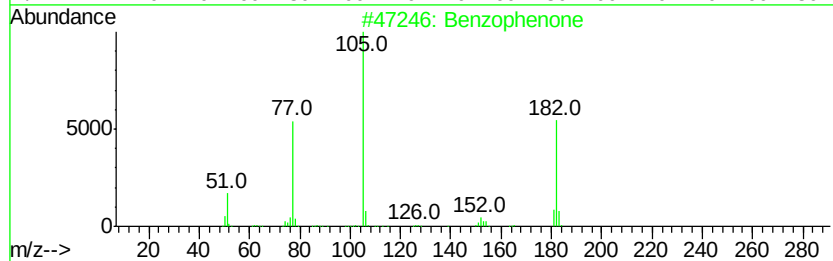
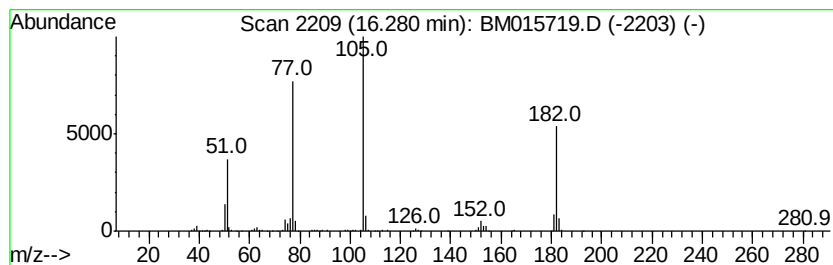
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Peak Number 5 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	12.39 ng/ul	829849	Acenaphthene-d10	14.94

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzophenone	182	C13H10O	000119-61-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061918\
Data File : BM015719.D
Acq On : 19 Jun 2018 13:38
Operator : SJ/JU
Sample : J3527-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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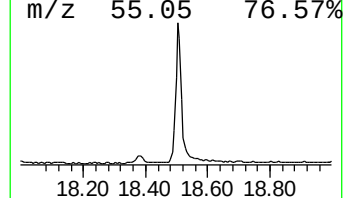
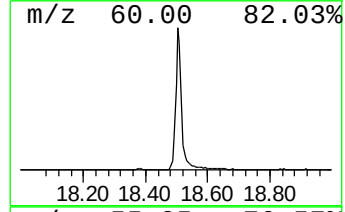
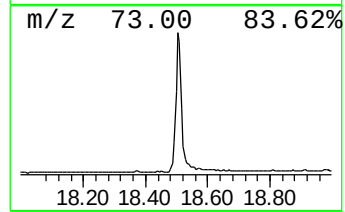
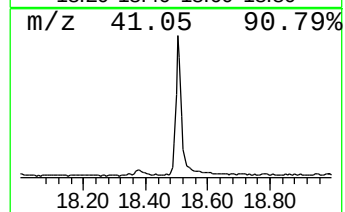
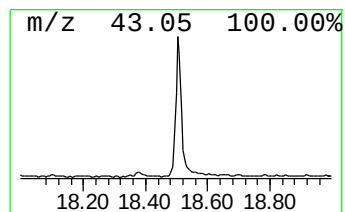
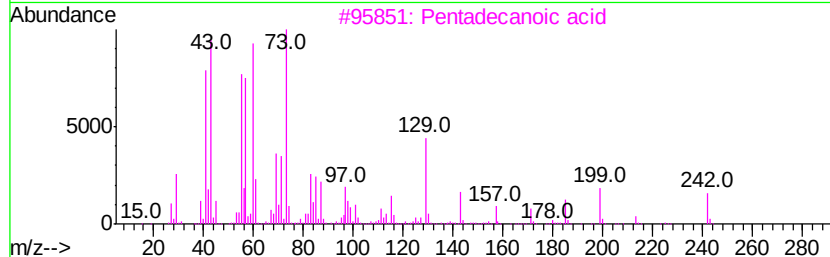
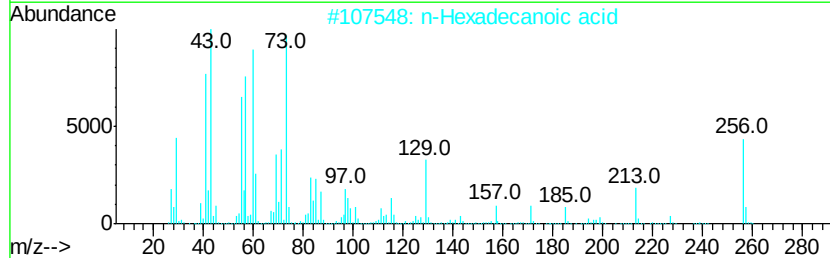
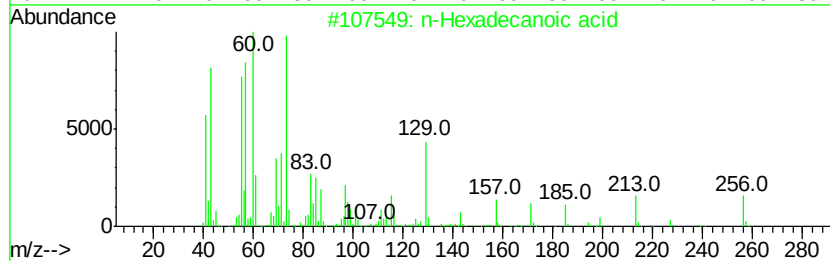
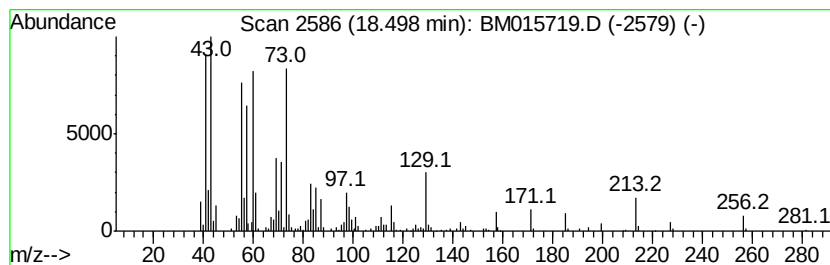
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	11.29 ng/ul	968425	Phenanthrene-d10	17.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70	



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Operator : SJ/JU
Sample : J3527-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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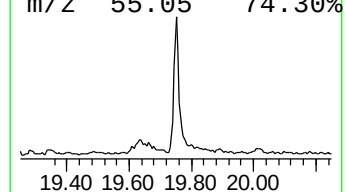
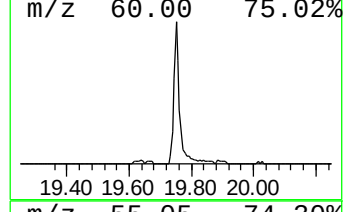
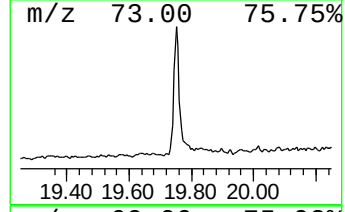
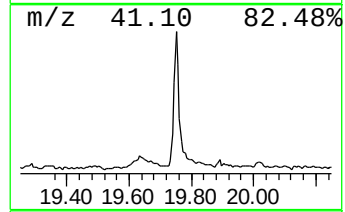
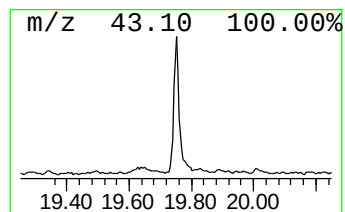
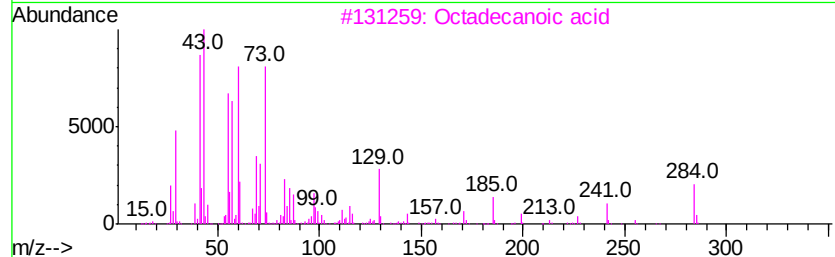
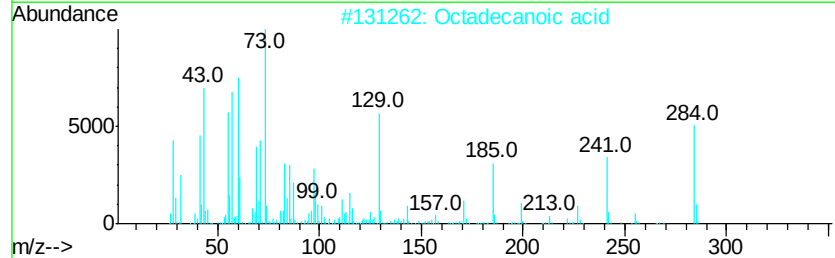
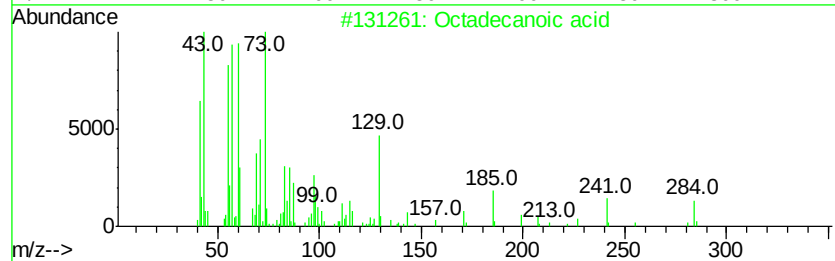
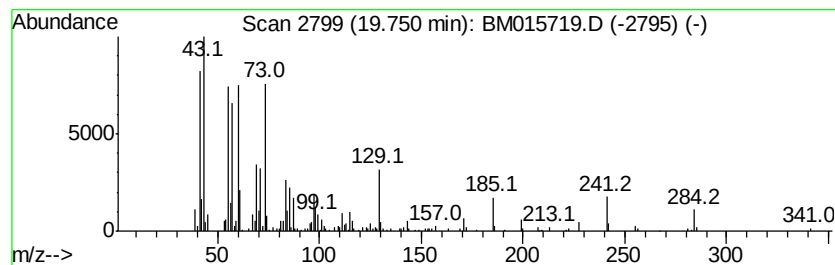
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	4.27 ng/ul	441625	Chrysene-d12	21.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	97
5		Octadecanoic acid	284	C18H36O2	000057-11-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061918\
Data File : BM015719.D
Acq On : 19 Jun 2018 13:38
Operator : SJ/JU
Sample : J3527-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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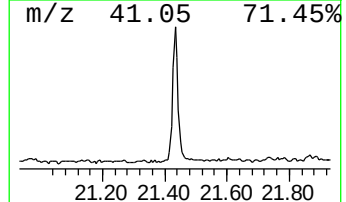
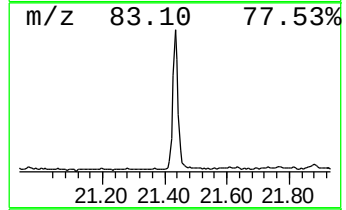
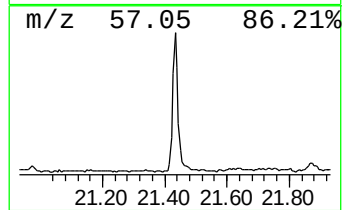
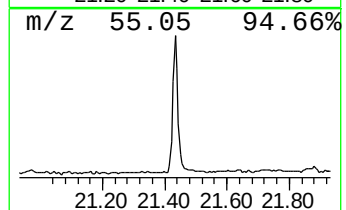
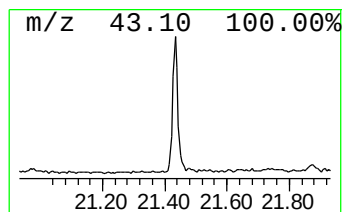
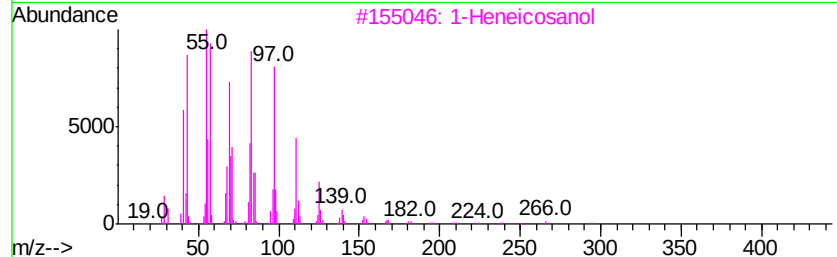
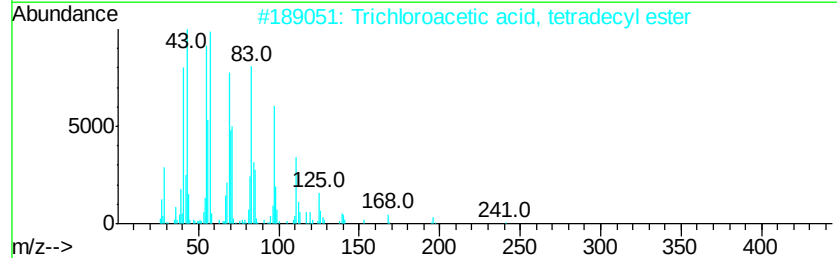
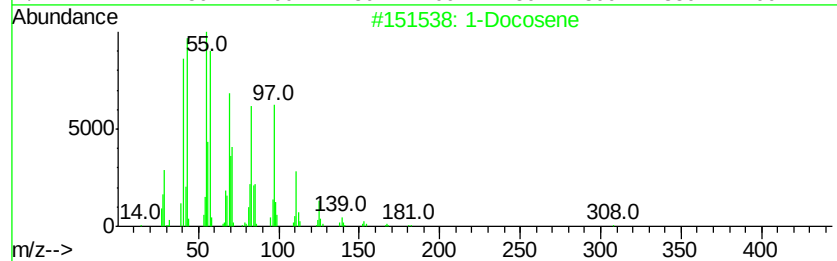
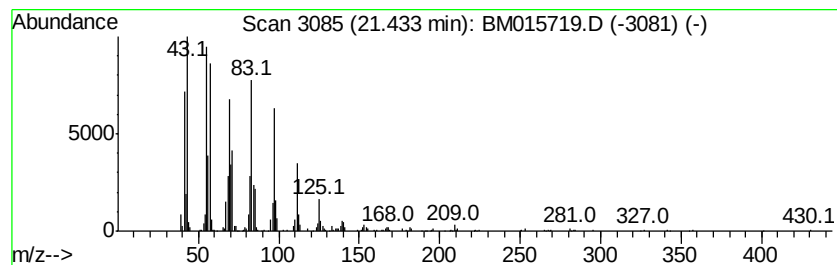
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic21.43 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	4.47 ng/ul	462003	Chrysene-d12	21.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	95
2		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061918\
Data File : BM015719.D
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Operator : SJ/JU
Sample : J3527-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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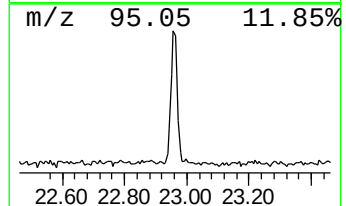
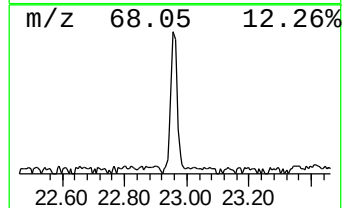
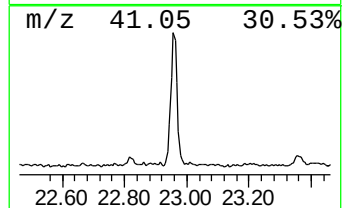
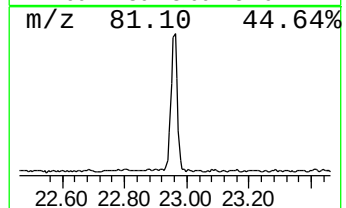
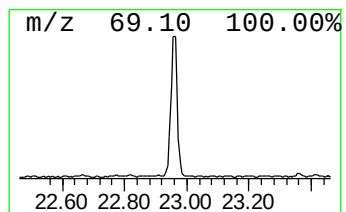
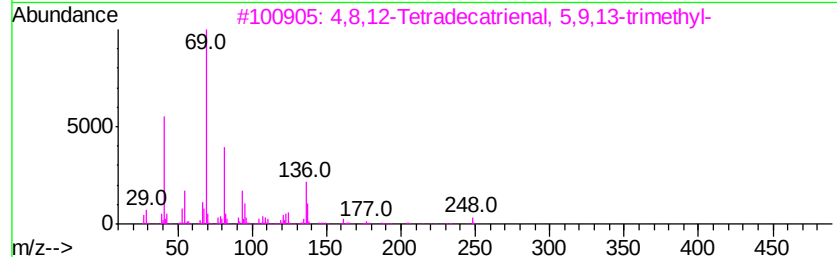
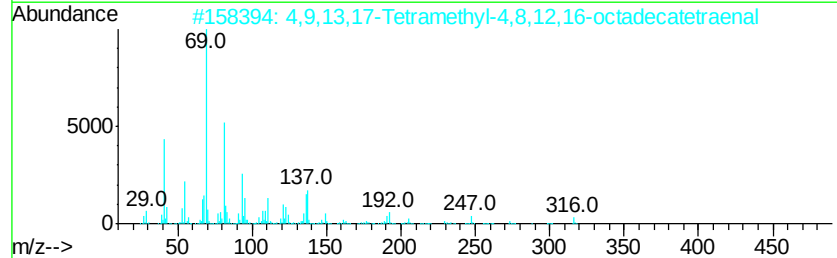
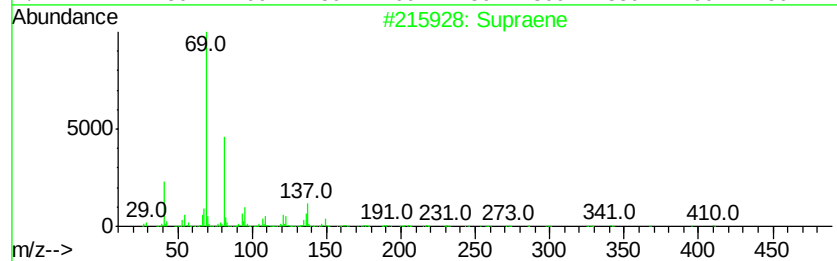
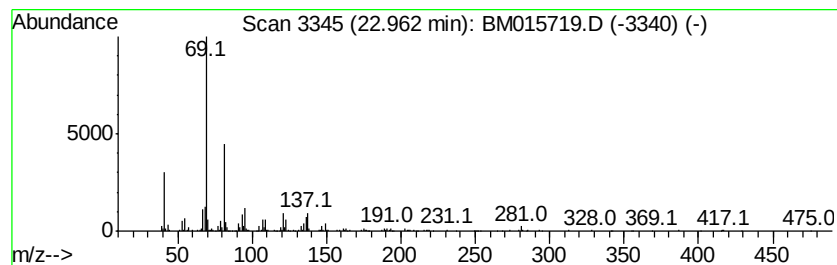
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	4.15 ng/ul	429240	Chrysene-d12	21.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	83
2		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78
3		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
4		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	58
5		2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	53



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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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
Butanoic acid, 3-...	5.10	3.6	ng/ul	128691	1	8.32	717164	20.0
2-Pentanone, 4-hy...	5.34	4.1	ng/ul	148435	1	8.32	717164	20.0
2-Hydroxy-iso-but...	12.45	3.8	ng/ul	195162	2	11.15	1029470	20.0
Hydrocinnamic acid	12.93	5.5	ng/ul	285203	2	11.15	1029470	20.0
Benzophenone	16.28	12.4	ng/ul	829849	3	14.94	1339610	20.0
n-Hexadecanoic acid	18.50	11.3	ng/ul	968425	4	17.66	1715930	20.0
Octadecanoic acid	19.75	4.3	ng/ul	441625	5	21.77	2069090	20.0
(DEL) Alkane: Cyc...	21.43	4.5	ng/ul	462003	5	21.77	2069090	20.0
Supraene	22.96	4.2	ng/ul	429240	5	21.77	2069090	20.0