

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014963.D
 Acq On : 04 May 2018 03:34
 Operator : SJ/JU
 Sample : J2554-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

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-BM041918.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	3.340	4	9	15	rVV	2951852	4081981	53.57%	4.152%
2	3.393	15	18	27	rVB	80697	126748	1.66%	0.129%
3	3.640	56	60	68	rVB	100874	145776	1.91%	0.148%
4	4.228	156	160	169	rVB	69484	97969	1.29%	0.100%
5	5.481	366	373	381	rBV2	44062	78957	1.04%	0.080%
6	7.616	729	736	751	rBV	1625910	2837923	37.24%	2.886%
7	7.793	759	766	777	rBV	1235506	2008175	26.36%	2.043%
8	8.010	795	803	808	rBV	1695021	2710910	35.58%	2.757%
9	8.063	808	812	826	rVB	460029	765001	10.04%	0.778%
10	8.493	876	885	896	rBV	1596092	2639776	34.64%	2.685%
11	8.763	925	931	944	rBV	752300	1388861	18.23%	1.413%
12	9.193	996	1004	1014	rBV	1770213	2939729	38.58%	2.990%
13	9.675	1078	1086	1094	rBV	1443400	2496662	32.77%	2.539%
14	10.404	1199	1210	1223	rBV	1178547	2022898	26.55%	2.057%
15	10.940	1294	1301	1313	rBV	1820423	3047405	39.99%	3.100%
16	11.334	1360	1368	1375	rBV	2088016	3525800	46.27%	3.586%
17	11.457	1382	1389	1405	rBV	1368362	2509465	32.93%	2.552%
18	13.892	1798	1803	1809	rBV	68079	98618	1.29%	0.100%
19	14.486	1895	1904	1909	rBV	2802936	3899053	51.17%	3.966%
20	14.533	1909	1912	1917	rVB	678127	888710	11.66%	0.904%
21	14.798	1950	1957	1968	rBV	3291988	4872344	63.94%	4.956%
22	14.945	1975	1982	1988	rBV	231856	290447	3.81%	0.295%
23	15.098	2001	2008	2015	rVB2	2657533	3997047	52.46%	4.065%
24	15.257	2027	2035	2049	rBV	1269270	2020927	26.52%	2.055%
25	15.557	2081	2086	2094	rBV2	49021	78481	1.03%	0.080%
26	15.886	2137	2142	2147	rVB	300415	376215	4.94%	0.383%
27	16.074	2167	2174	2180	rBV	4065240	5710178	74.94%	5.808%
28	16.180	2186	2192	2200	rBV	978558	1376727	18.07%	1.400%
29	16.286	2202	2210	2213	rBV	66414	149252	1.96%	0.152%
30	16.733	2282	2286	2296	rBV	245816	418595	5.49%	0.426%
31	17.516	2415	2419	2425	rBV	136442	186828	2.45%	0.190%
32	17.810	2463	2469	2474	rBV2	2986211	4291490	56.32%	4.365%
33	17.851	2474	2476	2480	rVV	271194	332912	4.37%	0.339%
34	17.910	2480	2486	2496	rVB	4240841	6059228	79.52%	6.163%

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35	18.251	2540	2544	2548	rVB	69566	81494	1.07%	0.083%
36	18.639	2605	2610	2620	rBV	1732517	2584127	33.91%	2.628%
37	19.815	2806	2810	2815	rVB	750579	1025435	13.46%	1.043%
38	19.880	2816	2821	2830	rBV	952524	1382293	18.14%	1.406%
39	20.151	2861	2867	2877	rBV2	4643546	7619637	100.00%	7.750%
40	21.556	3102	3106	3114	rBV2	1867719	2455630	32.23%	2.498%
41	21.898	3159	3164	3169	rBV2	3262559	4610187	60.50%	4.689%
42	24.221	3553	3559	3565	rBV	3057956	5809903	76.25%	5.909%
43	24.380	3580	3586	3593	rBV	2126513	4278509	56.15%	4.352%

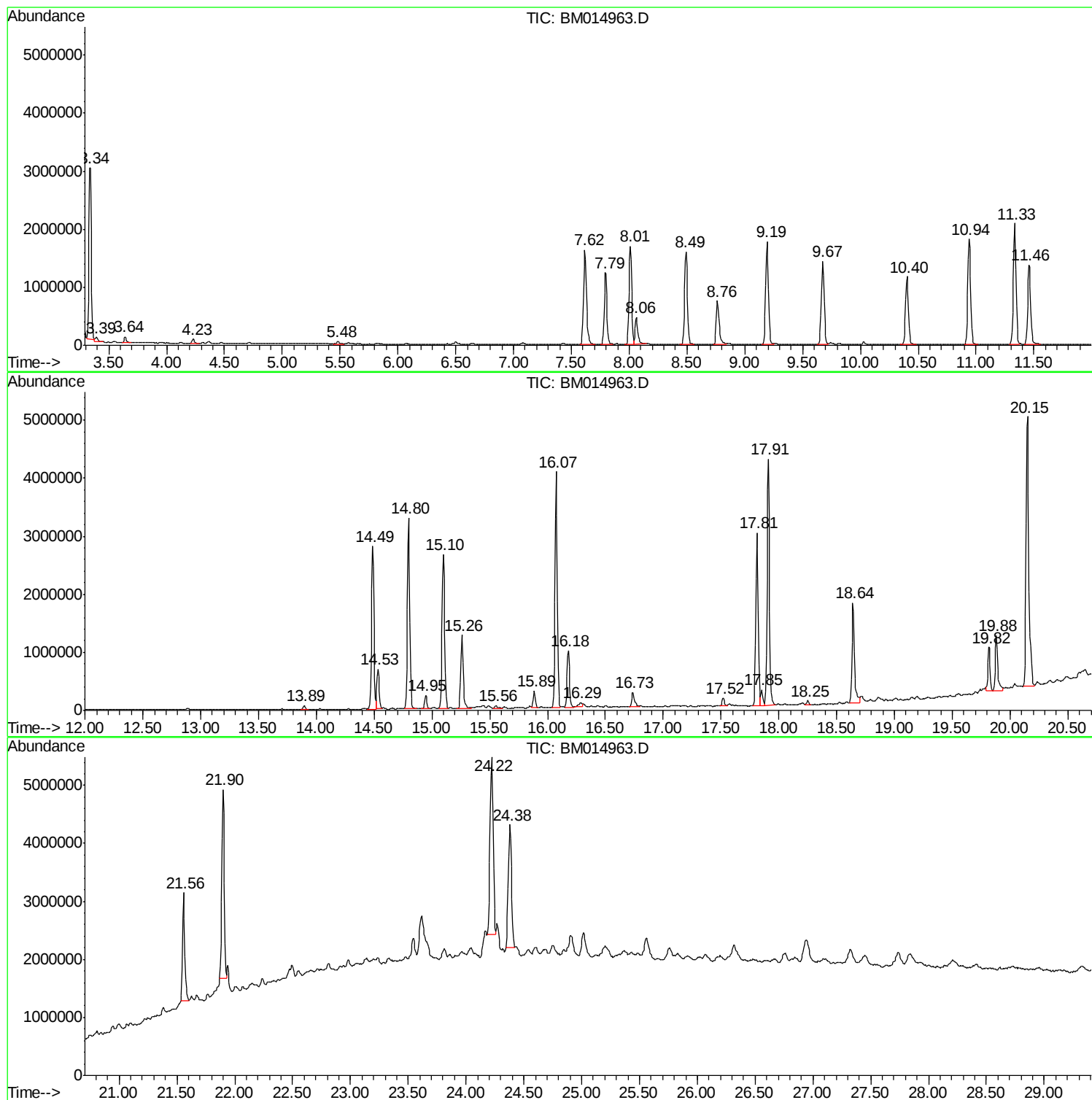
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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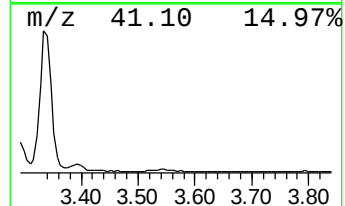
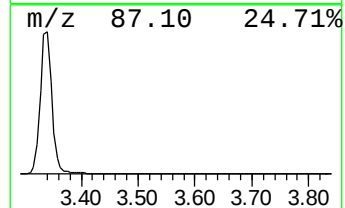
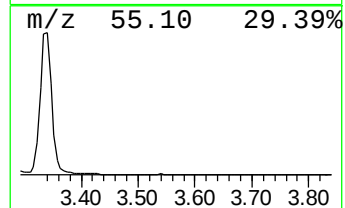
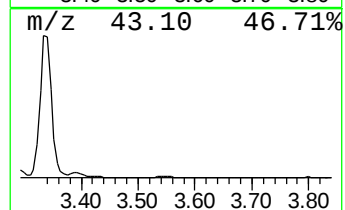
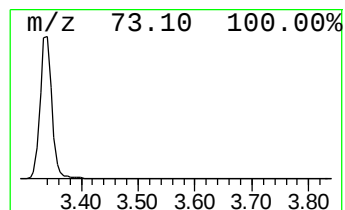
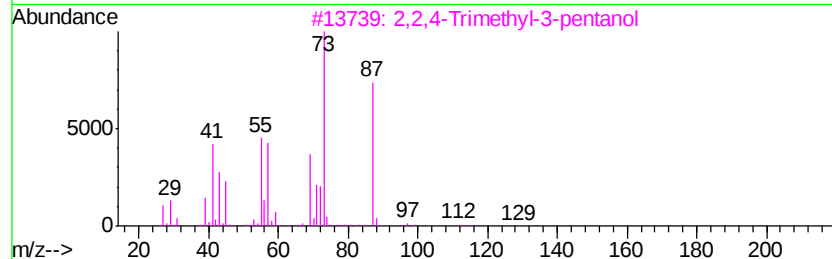
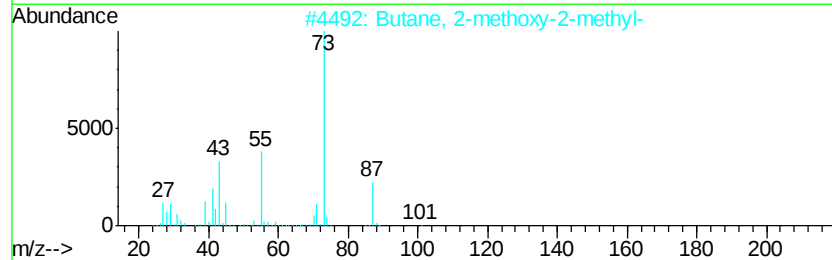
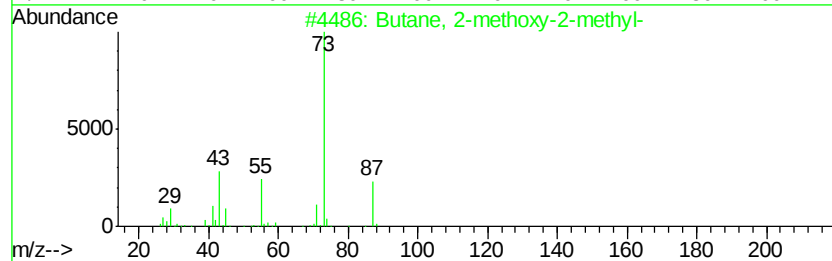
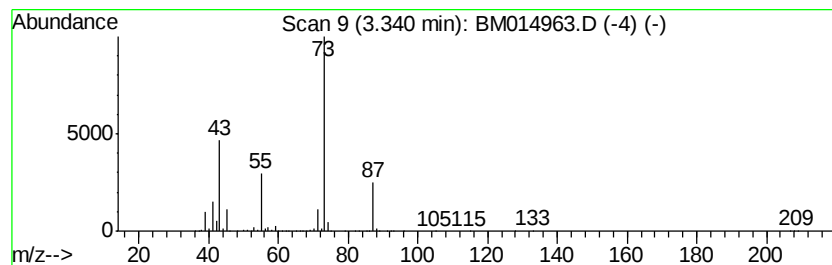
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	30.93 ng/ul	4081980	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37



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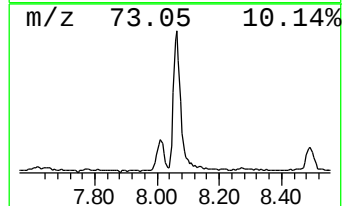
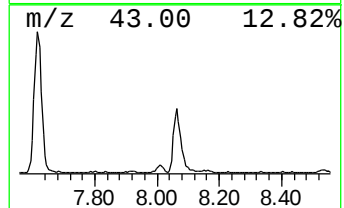
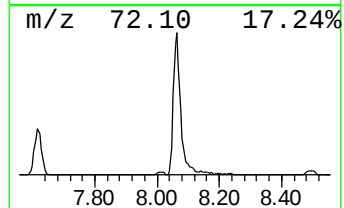
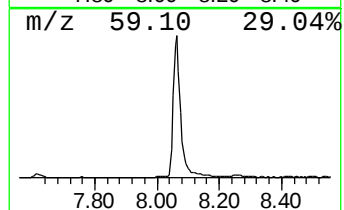
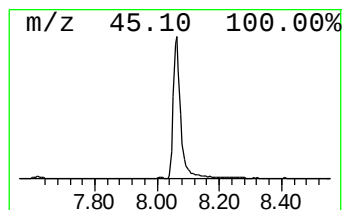
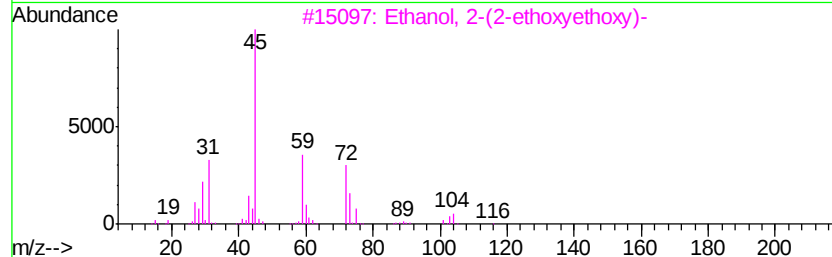
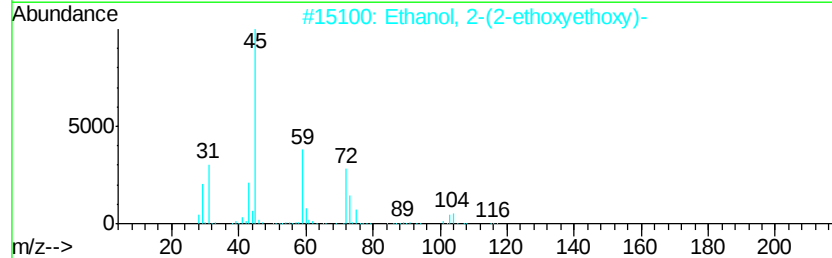
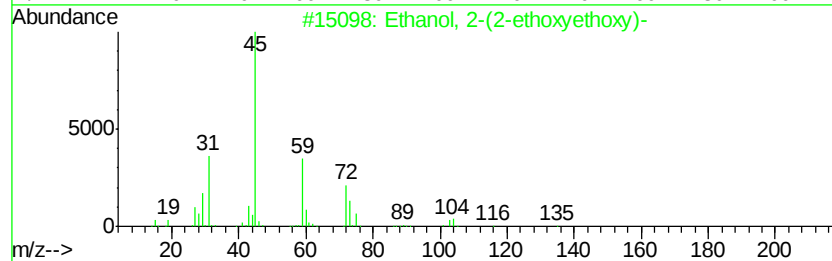
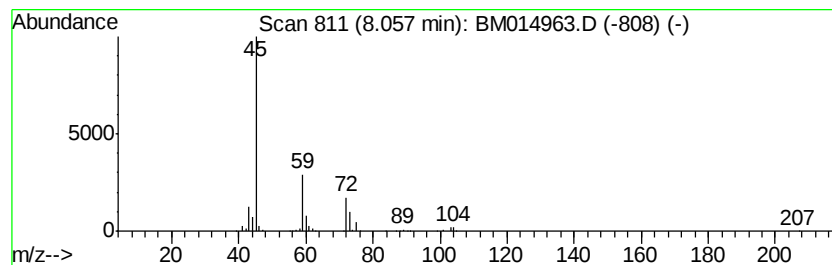
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Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	5.80 ng/ul	765001	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
3		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
4		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
5		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	40



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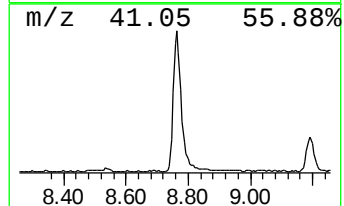
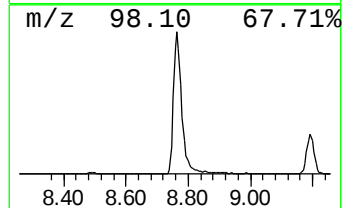
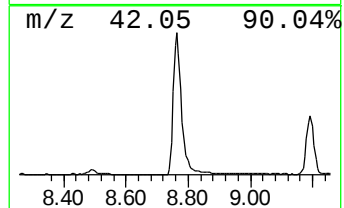
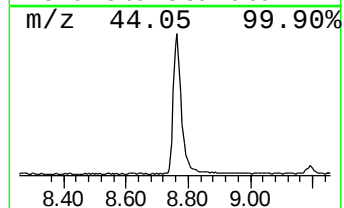
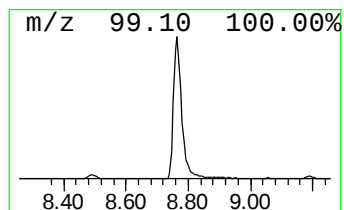
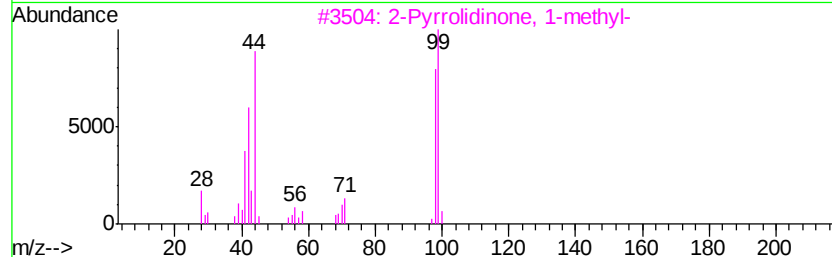
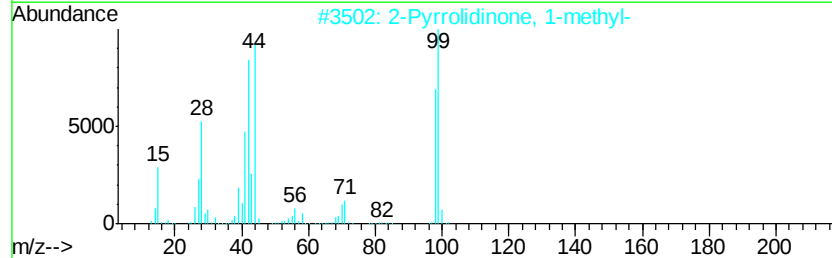
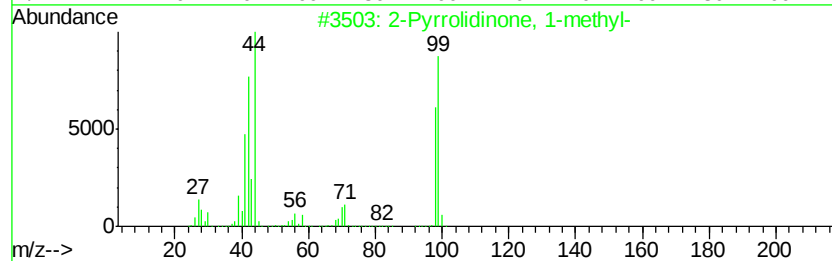
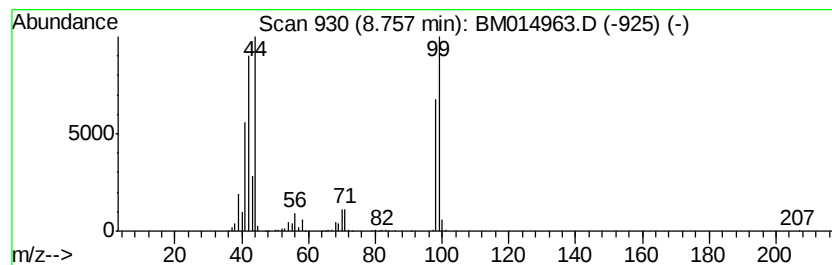
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 2-Pyrrolidinone, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	10.52 ng/ul	1388860	1,4-Dichlorobenzene-d4	8.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	97	
2	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	95	
3	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	87	
4	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	76	
5	2-Piperidinone	99	C5H9NO	000675-20-7	43	



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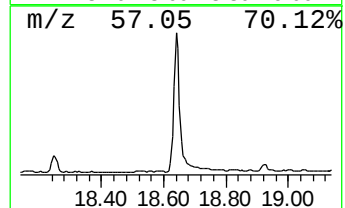
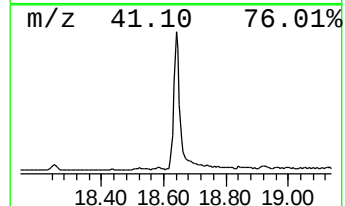
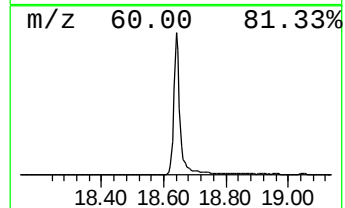
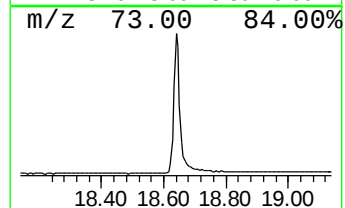
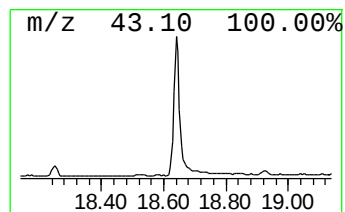
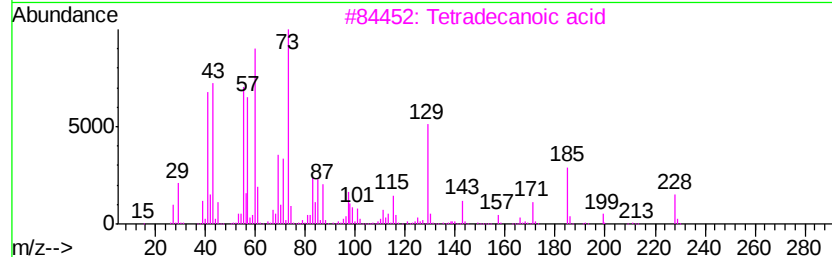
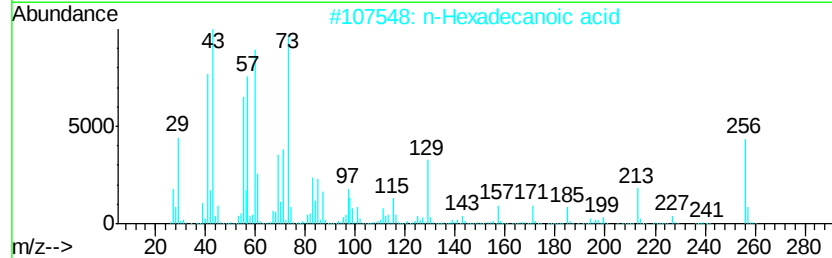
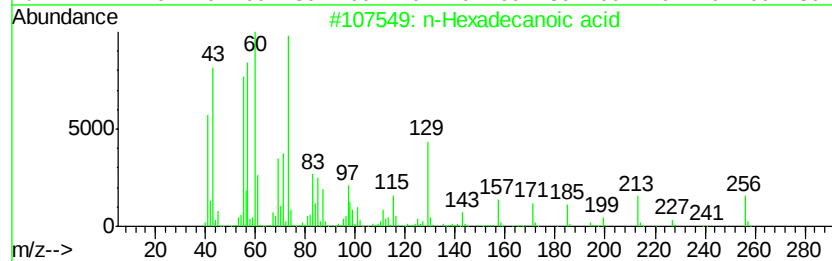
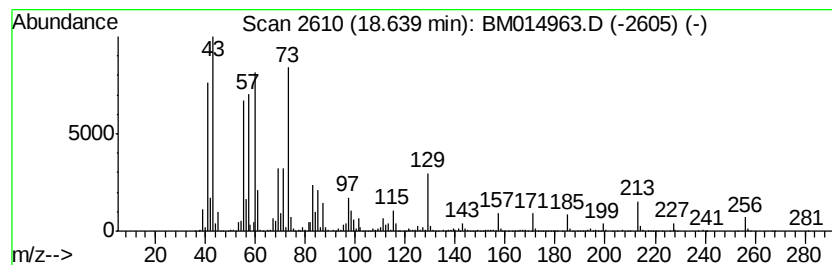
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	12.04 ng/ul	2584130	Phenanthrene-d10	17.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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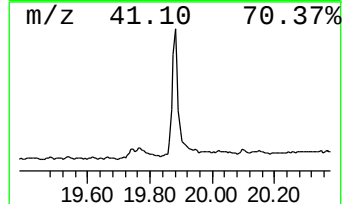
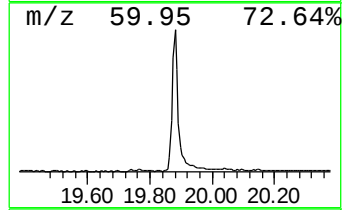
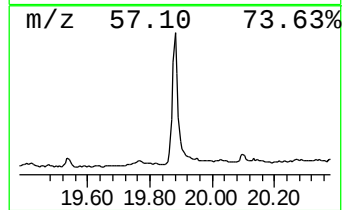
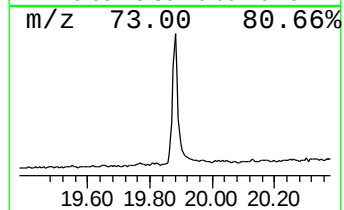
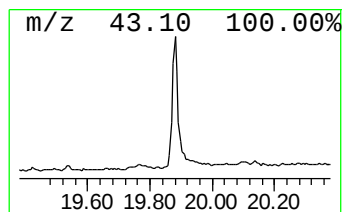
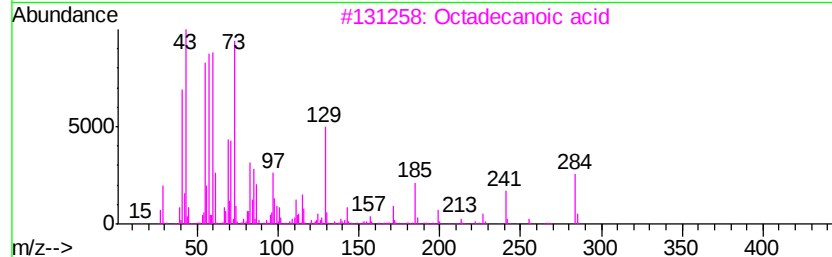
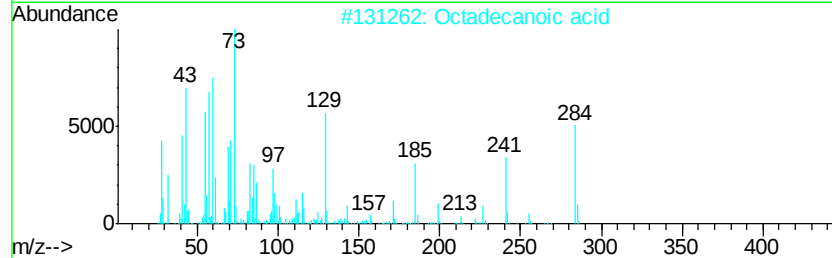
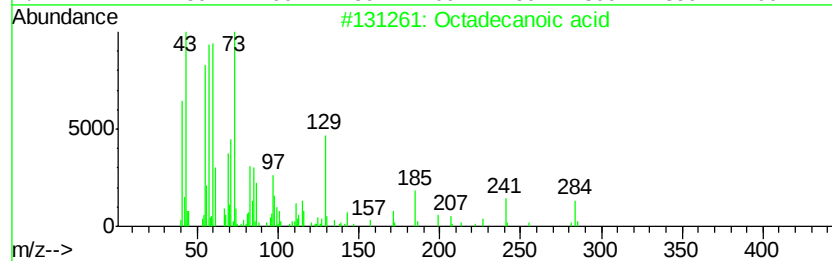
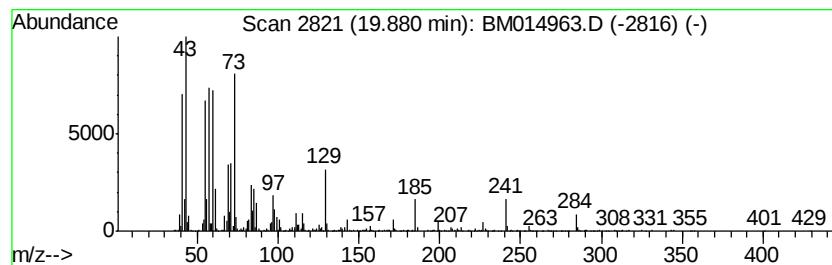
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	6.00 ng/ul	1382290	Chrysene-d12	21.90

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	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	96
5		Octadecanoic acid	284	C18H36O2	000057-11-4	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014963.D
Acq On : 04 May 2018 03:34
Operator : SJ/JU
Sample : J2554-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF6

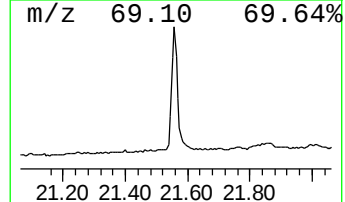
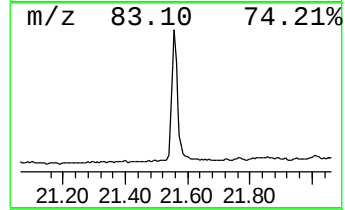
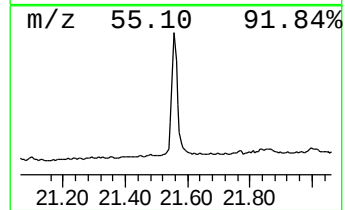
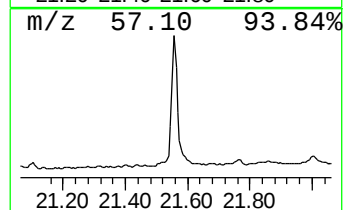
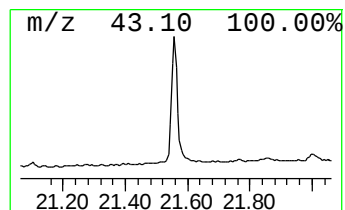
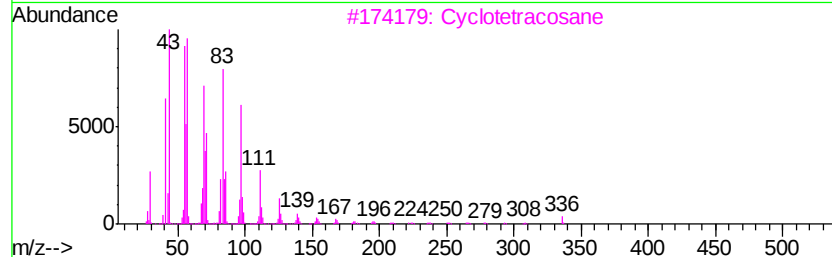
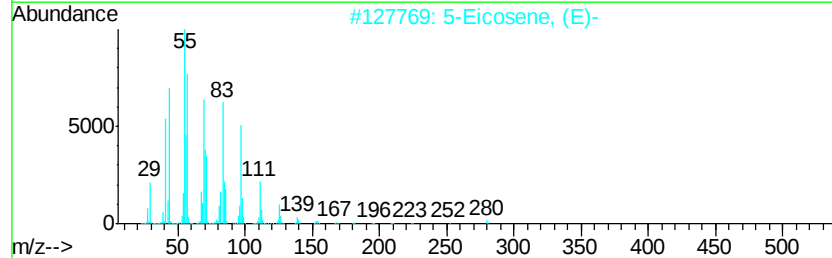
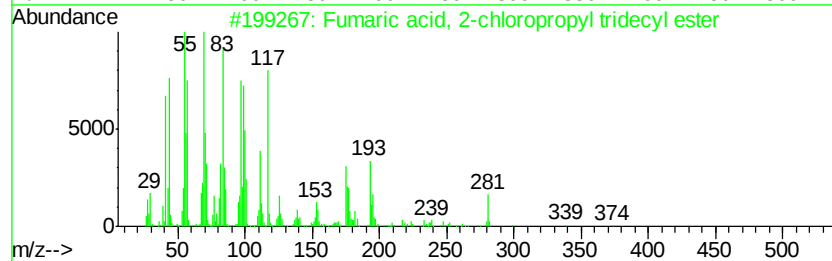
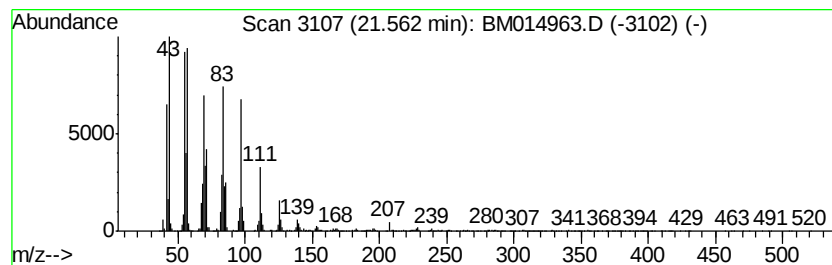
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Fumaric acid, 2-chloropropyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	10.65 ng/ul	2455630	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	98
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	96
3		Cyclotetradecane	336	C24H48	000297-03-0	95
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050318\
Data File : BM014963.D
Acq On : 04 May 2018 03:34
Operator : SJ/JU
Sample : J2554-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
Butane, 2-methoxy...	3.34	30.9	ng/ul	4081980	1	8.49	2639780	20.0
Ethanol, 2-(2-eth...	8.06	5.8	ng/ul	765001	1	8.49	2639780	20.0
2-Pyrrolidinone, ...	8.76	10.5	ng/ul	1388860	1	8.49	2639780	20.0
n-Hexadecanoic acid	18.64	12.0	ng/ul	2584130	4	17.81	4291490	20.0
Octadecanoic acid	19.88	6.0	ng/ul	1382290	5	21.90	4610190	20.0
Fumaric acid, 2-c...	21.56	10.7	ng/ul	2455630	5	21.90	4610190	20.0