

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
 Data File : BM016107.D
 Acq On : 27 Jul 2018 19:53
 Operator : SJ/JU
 Sample : PB111537BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK37

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-BM071318MA.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	3.464	27	30	35	rVB4	12757	19661	1.88%	0.138%
2	7.363	687	693	708	rBV	127498	232852	22.26%	1.636%
3	7.528	715	721	730	rBV	98813	162880	15.57%	1.145%
4	7.728	750	755	767	rBV	134992	229302	21.93%	1.611%
5	8.204	829	836	849	rBB	226882	387385	37.04%	2.722%
6	8.916	952	957	973	rBV	182076	318887	30.49%	2.241%
7	9.387	1031	1037	1049	rBV	168736	290789	27.80%	2.043%
8	10.110	1155	1160	1172	rBV	166970	280324	26.80%	1.970%
9	10.645	1246	1251	1268	rBB	196836	366523	35.05%	2.575%
10	11.022	1308	1315	1324	rBV	316015	534743	51.13%	3.757%
11	11.169	1334	1340	1351	rBV	237391	421457	40.30%	2.961%
12	14.233	1855	1861	1868	rBV	536208	708650	67.76%	4.979%
13	14.528	1903	1911	1920	rBV	531268	773120	73.92%	5.433%
14	14.828	1956	1962	1970	rVB2	467404	677013	64.73%	4.757%
15	15.045	1994	1999	2014	rBV	137468	299570	28.64%	2.105%
16	15.816	2124	2130	2137	rBV	686210	972464	92.98%	6.833%
17	15.957	2148	2154	2166	rVB	178113	263758	25.22%	1.853%
18	16.927	2314	2319	2323	rBV3	21769	31904	3.05%	0.224%
19	17.557	2420	2426	2433	rBV2	547825	771310	73.75%	5.420%
20	17.657	2437	2443	2453	rBV	730260	1033170	98.79%	7.260%
21	18.133	2519	2524	2530	rBV3	7154	11530	1.10%	0.081%
22	18.280	2540	2549	2557	rBV2	58514	103572	9.90%	0.728%
23	18.404	2565	2570	2580	rBV	411524	619433	59.23%	4.353%
24	18.939	2655	2661	2668	rBV6	10082	20107	1.92%	0.141%
25	19.545	2756	2764	2771	rBV7	23815	65720	6.28%	0.462%
26	19.657	2779	2783	2795	rBV	198026	318929	30.50%	2.241%
27	19.915	2822	2827	2838	rVB	782796	1045833	100.00%	7.349%
28	20.615	2942	2946	2950	rVV	33260	40890	3.91%	0.287%
29	20.851	2984	2986	2989	rVB3	12141	11333	1.08%	0.080%
30	21.439	3083	3086	3089	rBV3	20187	26816	2.56%	0.188%
31	21.674	3122	3126	3133	rBV	565108	748690	71.59%	5.261%
32	22.809	3316	3319	3320	rBV2	76513	79754	7.63%	0.560%
33	22.845	3321	3325	3332	rVB	651459	898055	85.87%	6.310%
34	23.886	3496	3502	3510	rVB	457667	837381	80.07%	5.884%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	24.033	3522	3527	3535	rVB2	327815	627574	60.01%	4.410%
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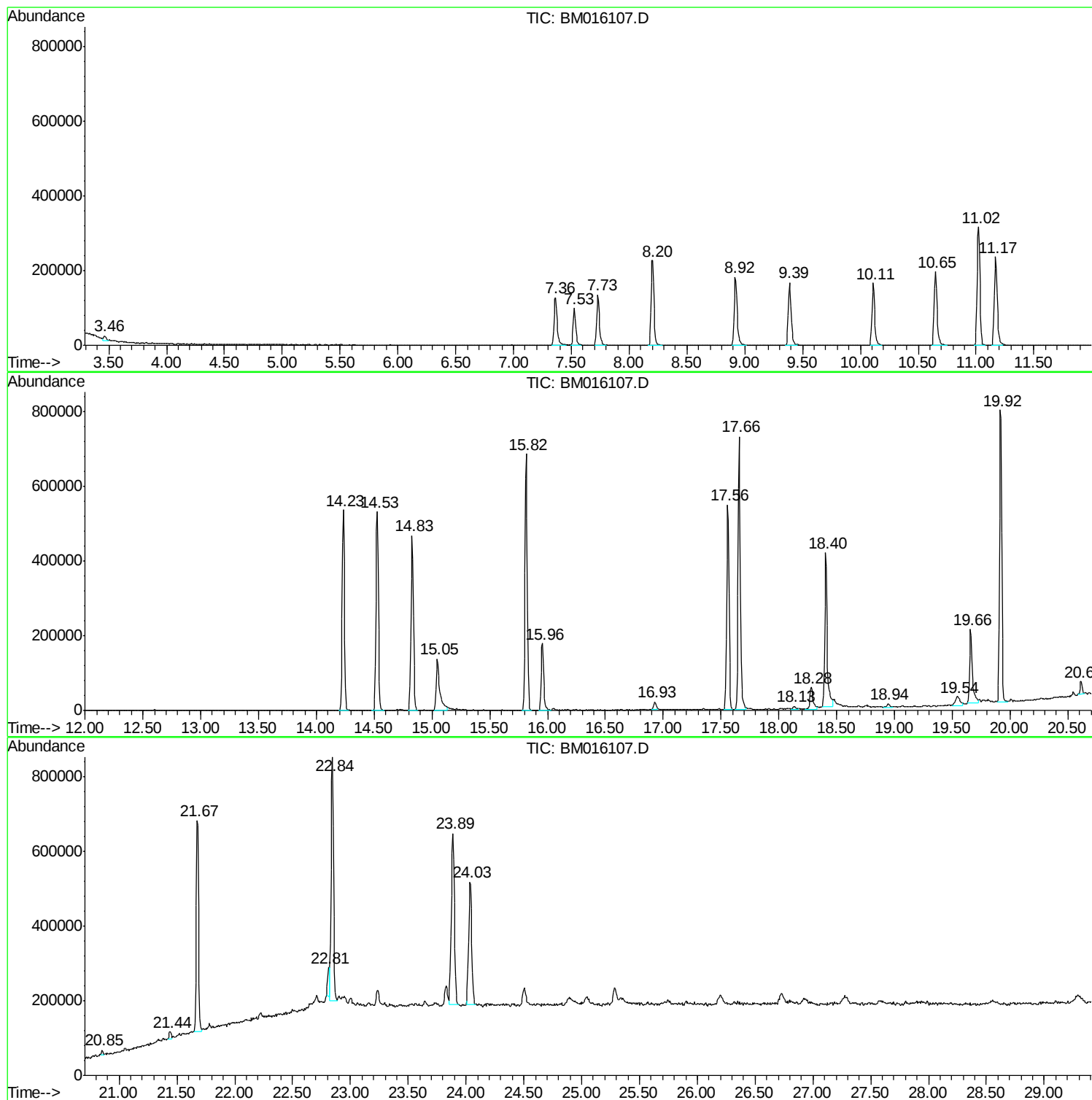
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



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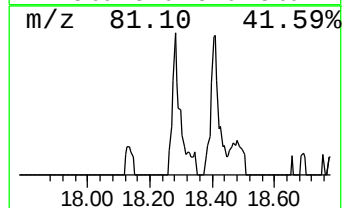
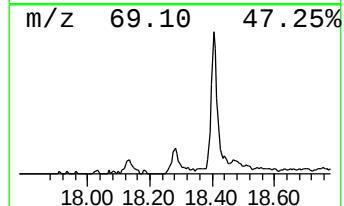
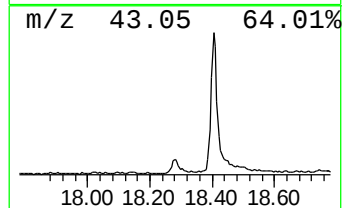
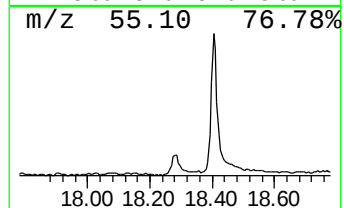
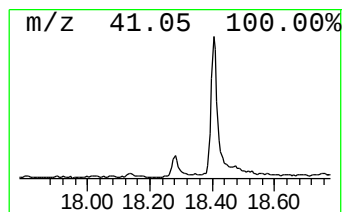
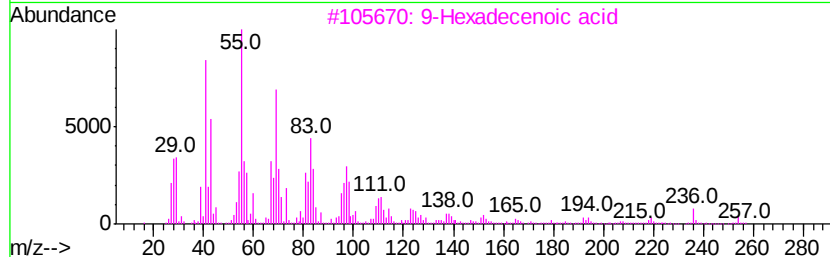
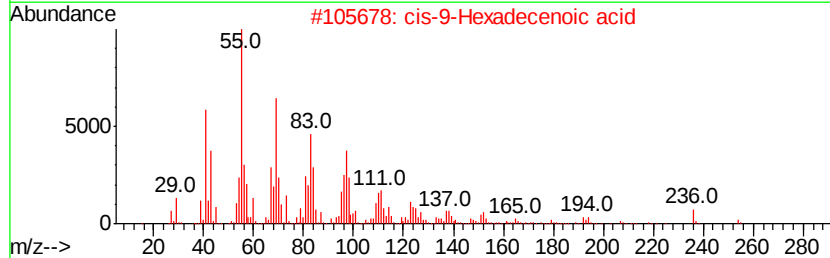
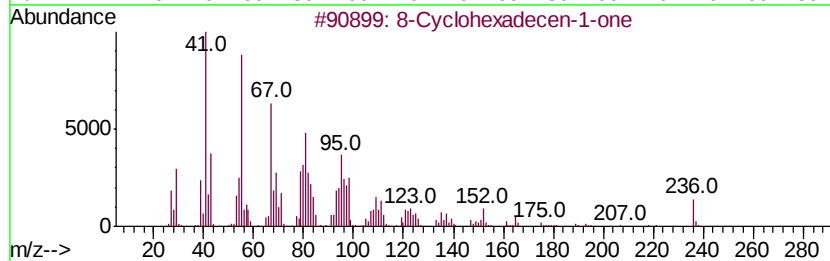
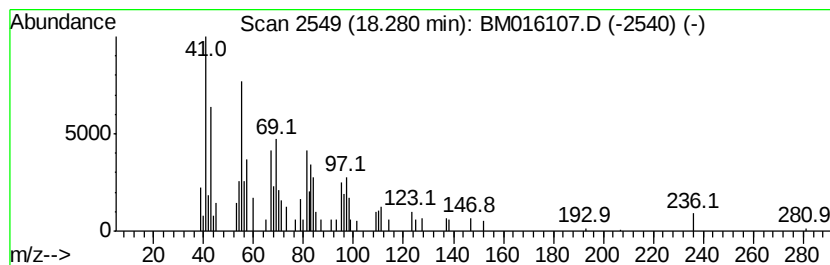
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 8-Cyclohexadecen-1-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.28	2.69 ng/ul	103572	Phenanthrene-d10	17.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Cyclohexadecen-1-one	236	C16H28O	003100-36-5	89	
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	81	
3	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	64	
4	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	58	
5	Palmitoleic acid	254	C16H30O2	000373-49-9	55	



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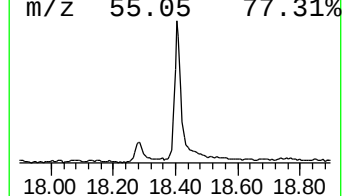
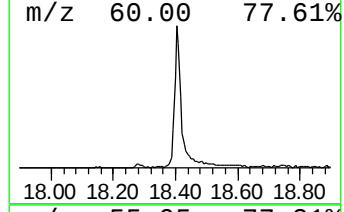
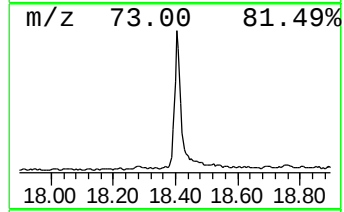
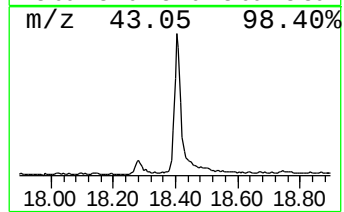
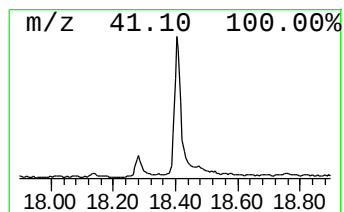
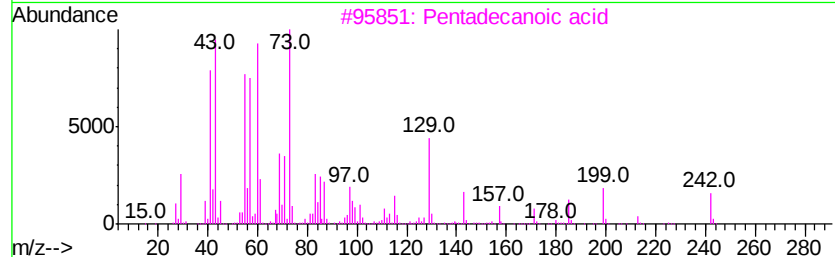
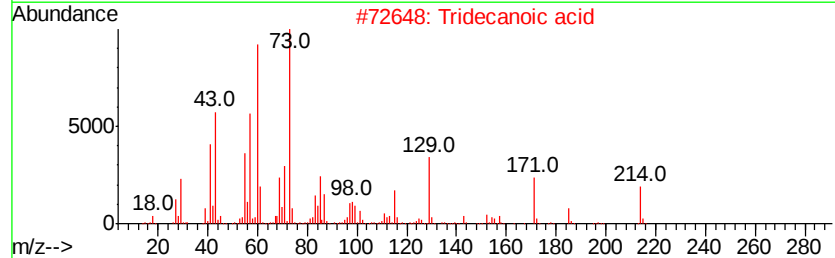
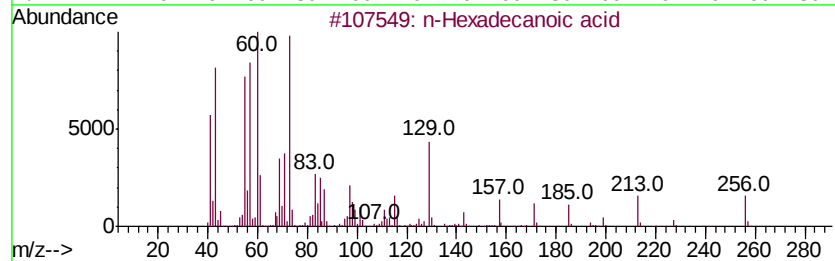
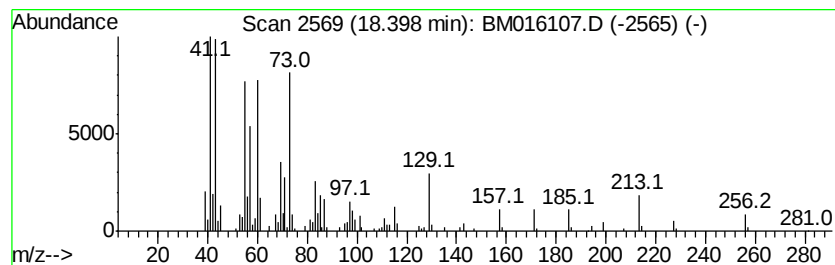
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	16.06 ng/ul	619433	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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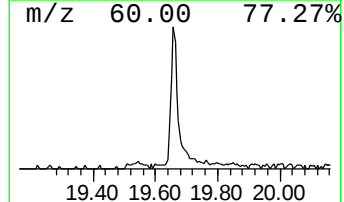
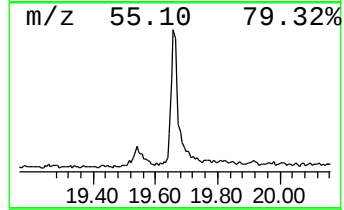
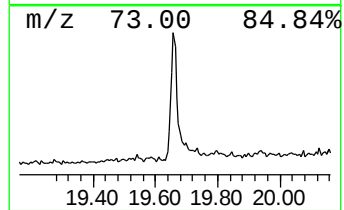
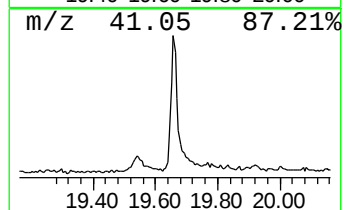
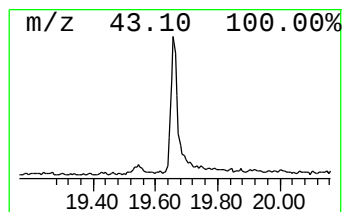
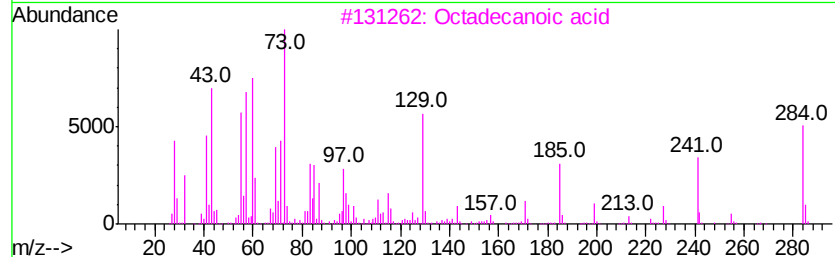
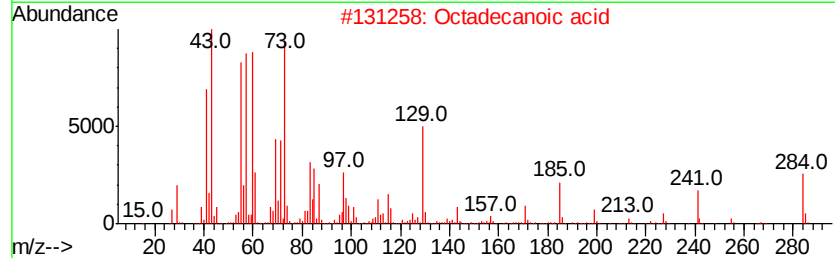
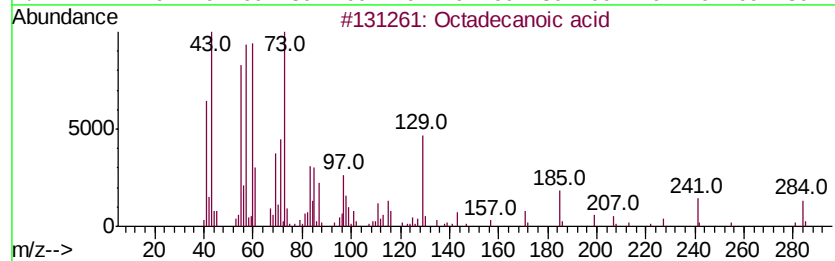
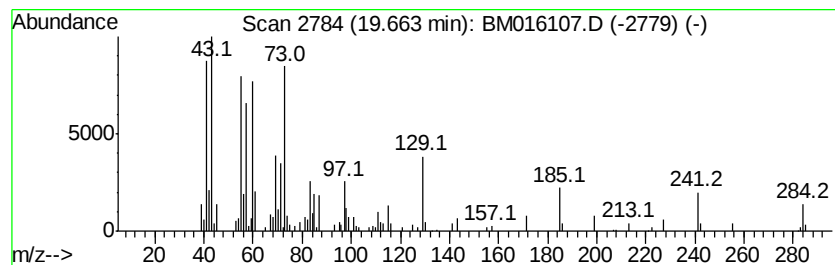
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.66	8.52 ng/ul	318929	Chrysene-d12		21.68	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	97
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	93
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	81



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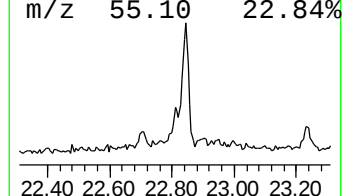
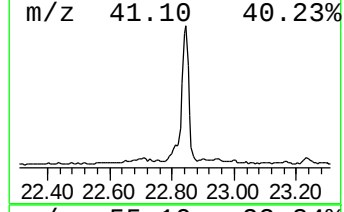
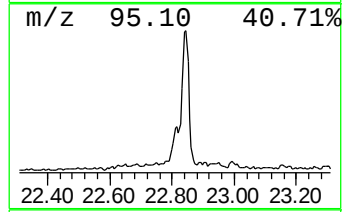
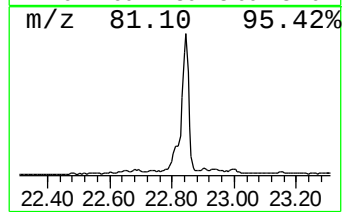
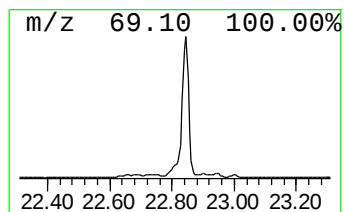
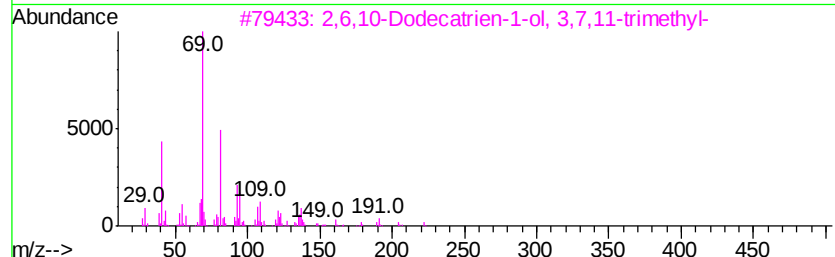
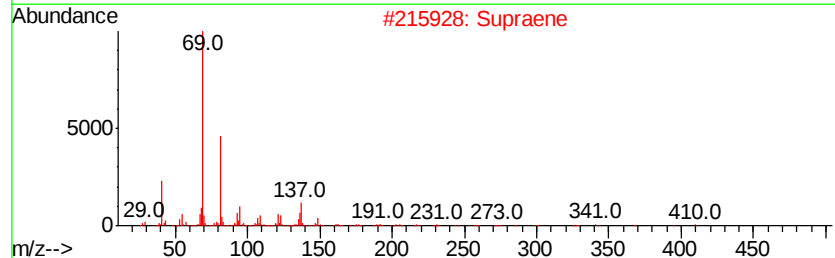
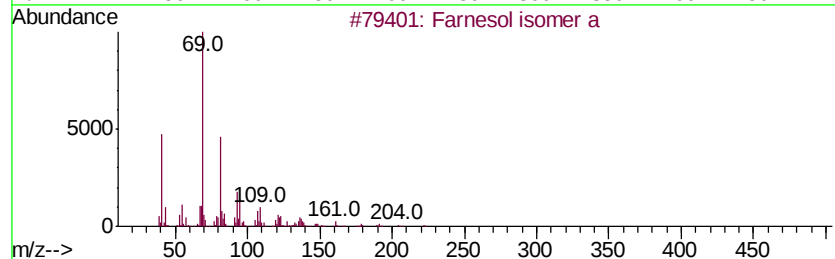
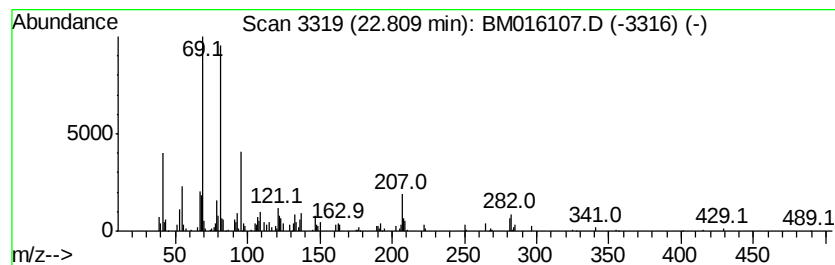
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Farnesol isomer a Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	2.13 ng/ul	79754	Chrysene-d12	21.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Farnesol isomer a	222	C15H26O	1000108-92-4	53
2		Supraene	410	C30H50	007683-64-9	40
3		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	30
4		1-Hydroxy-1,7-dimethyl-4-isoprop...	222	C15H26O	072120-50-4	27
5		(3-Chloro-phenyl)(furan-2-ylmeth...	207	C11H10ClNO	1000303-12-5	27



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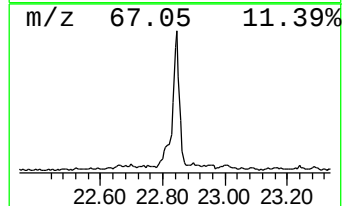
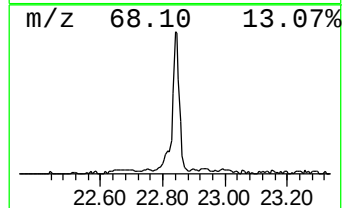
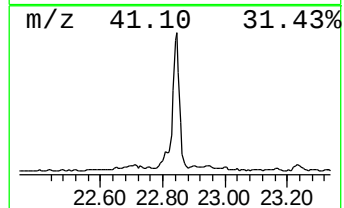
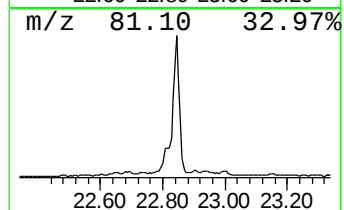
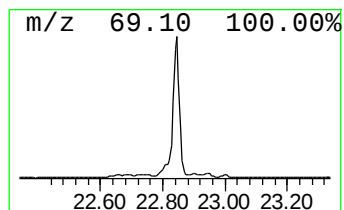
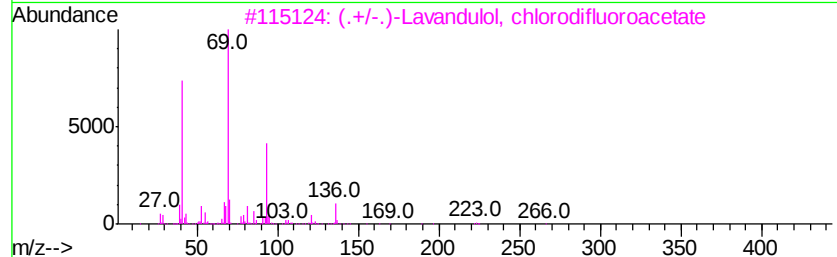
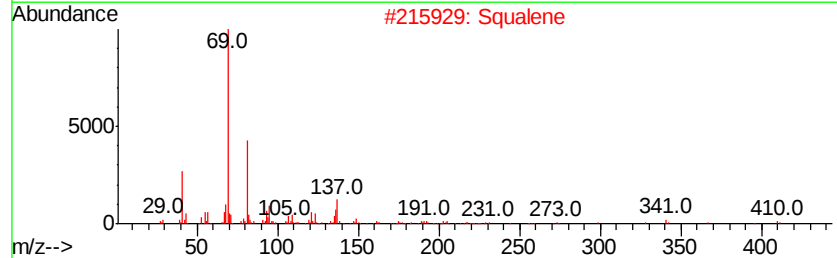
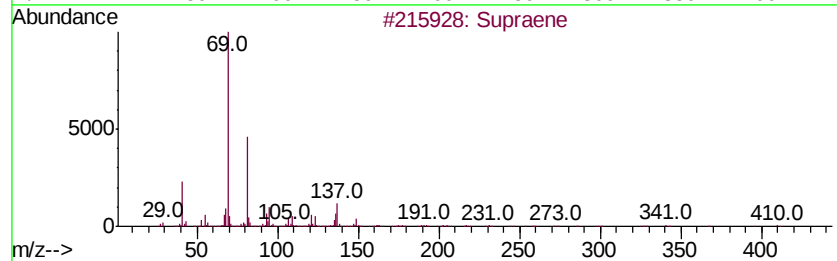
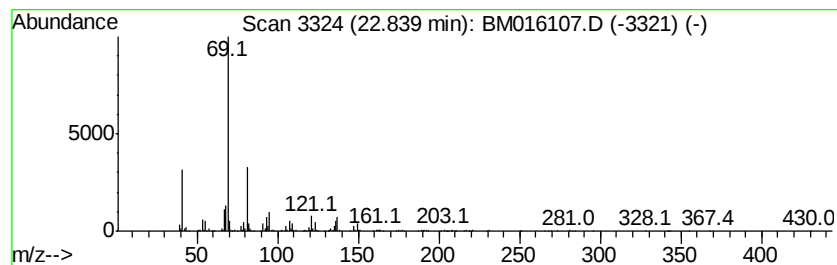
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Peak Number 5 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	23.99 ng/ul	898055	Chrysene-d12	21.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene		410	C30H50	007683-64-9	91
2	Squalene		410	C30H50	000111-02-4	91
3	(.+/-)-Lavandulol, chlorodifluo...		266	C12H17ClF2O2	1000376-22-9	72
4	2,3,5-Trimethyl-2,3,5-hexanetric...		203	C12H17N3	003974-79-6	64
5	4,8,12-Tetradecatrienal, 5,9,13-...		248	C17H28O	066408-55-7	64



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Operator : SJ/JU
Sample : PB111537BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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
8-Cyclohexadecen-...	18.28	2.7	ng/ul	103572	4	17.56	771310	20.0
n-Hexadecanoic acid	18.40	16.1	ng/ul	619433	4	17.56	771310	20.0
Octadecanoic acid	19.66	8.5	ng/ul	318929	5	21.68	748690	20.0
Farnesol isomer a	22.81	2.1	ng/ul	79754	5	21.68	748690	20.0
Supraene	22.84	24.0	ng/ul	898055	5	21.68	748690	20.0