

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
 Data File : BM015590.D
 Acq On : 09 Jun 2018 07:29
 Operator : SJ/JU
 Sample : J3346-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAXG6

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	6.975	621	627	632	rBV3	26741	40923	1.08%	0.118%
2	7.487	708	714	733	rBV	327548	609025	16.13%	1.751%
3	7.657	736	743	756	rBV	255163	406140	10.76%	1.168%
4	7.863	772	778	794	rBV	314921	555809	14.72%	1.598%
5	8.345	853	860	876	rVB	346023	595783	15.78%	1.713%
6	9.051	974	980	996	rBV	432544	717105	18.99%	2.062%
7	9.528	1055	1061	1072	rBV	336339	575018	15.23%	1.654%
8	10.257	1178	1185	1194	rBV	254672	443424	11.74%	1.275%
9	10.792	1270	1276	1286	rBV	450521	767790	20.33%	2.208%
10	11.175	1334	1341	1354	rBV	582295	968607	25.65%	2.785%
11	11.316	1359	1365	1380	rBV	119364	215144	5.70%	0.619%
12	14.357	1876	1882	1886	rBV	930908	1264415	33.49%	3.636%
13	14.404	1886	1890	1904	rVB	393411	551275	14.60%	1.585%
14	14.657	1927	1933	1946	rBV	995095	1459145	38.64%	4.196%
15	14.810	1954	1959	1967	rVB	53340	67048	1.78%	0.193%
16	14.963	1977	1985	1997	rVB2	934504	1479911	39.19%	4.256%
17	15.151	2012	2017	2030	rBV	370686	639651	16.94%	1.839%
18	15.751	2115	2119	2125	rVB2	76264	92476	2.45%	0.266%
19	15.939	2145	2151	2158	rBV	1511562	2134637	56.53%	6.138%
20	16.068	2167	2173	2181	rBV	361185	522493	13.84%	1.502%
21	16.604	2260	2264	2271	rBV	66790	100266	2.66%	0.288%
22	17.386	2392	2397	2401	rBV	34405	42839	1.13%	0.123%
23	17.680	2441	2447	2457	rBV2	1341073	1949277	51.63%	5.605%
24	17.780	2457	2464	2474	rBV	1758276	2507052	66.40%	7.209%
25	18.521	2584	2590	2601	rBV	398661	590706	15.64%	1.699%
26	19.627	2774	2778	2779	rBV2	46011	50360	1.33%	0.145%
27	19.651	2779	2782	2797	rVB2	118672	222682	5.90%	0.640%
28	19.762	2797	2801	2813	rBV	197374	291303	7.71%	0.838%
29	19.880	2816	2821	2825	rBV	196362	240443	6.37%	0.691%
30	20.033	2841	2847	2856	rVB	2272266	3178115	84.17%	9.139%
31	20.239	2878	2882	2887	rBV	48459	59679	1.58%	0.172%
32	20.956	3000	3004	3007	rBV	96470	111518	2.95%	0.321%
33	21.445	3083	3087	3099	rBV2	906776	1114038	29.50%	3.203%
34	21.786	3140	3145	3150	rVB	2099570	2679063	70.95%	7.704%

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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAXG6

Integration Parameters: LSCINT.P

Integrator: RTE
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Sampling : 1
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Max Peaks: 100
Peak Location: TOP

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

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35	24.044	3522	3529	3539	rVB	1982080	3775809	100.00%	10.858%
36	24.197	3548	3555	3567	rVB	1439709	2904283	76.92%	8.351%
37	27.491	4109	4115	4125	rVB4	300796	852548	22.58%	2.452%

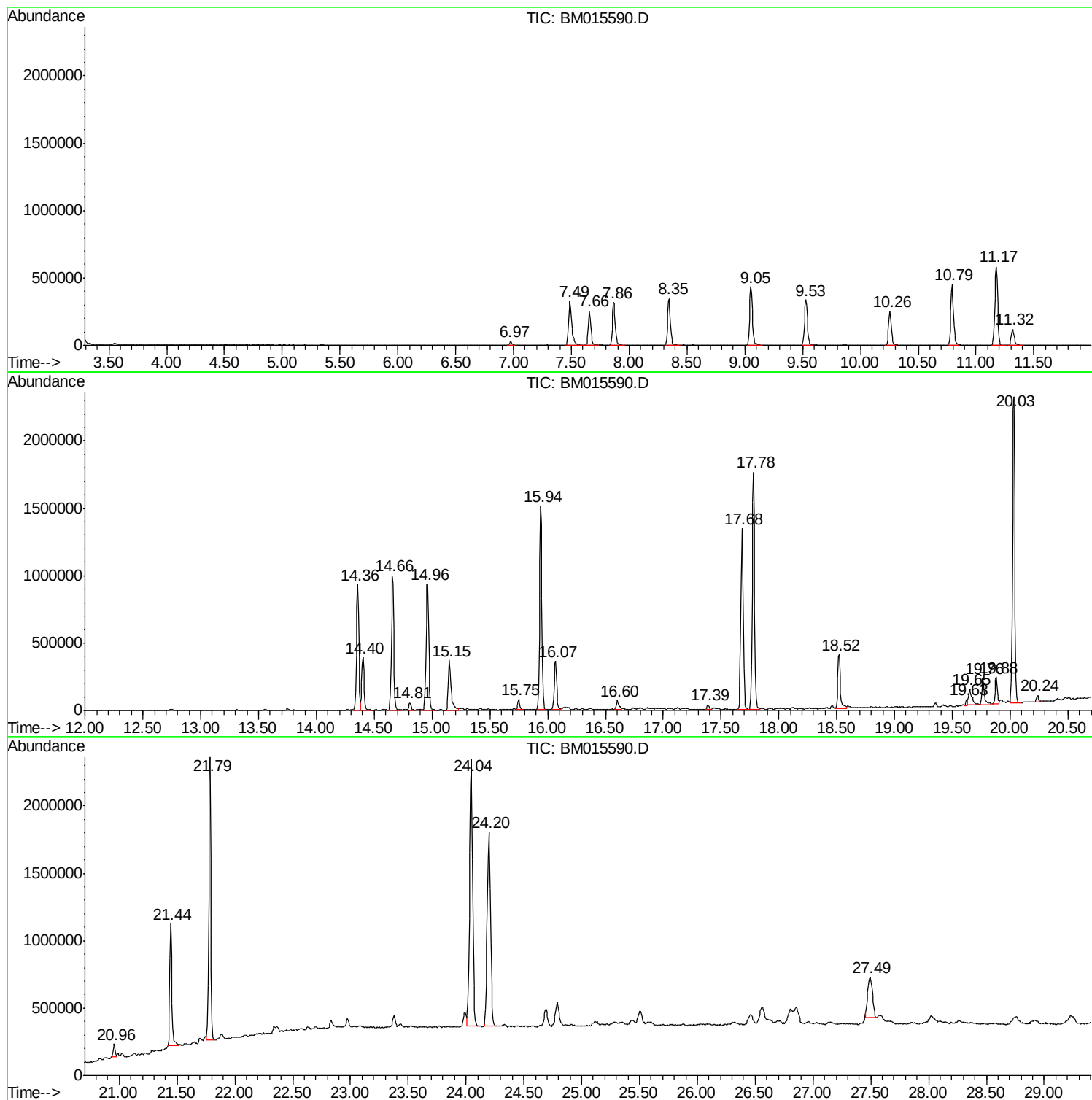
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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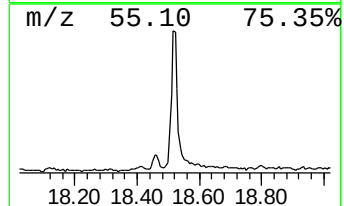
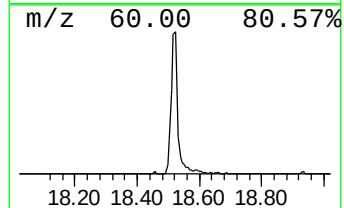
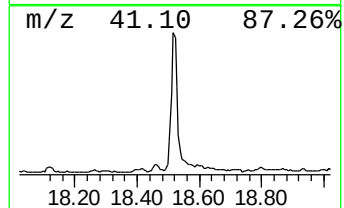
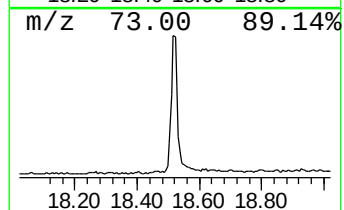
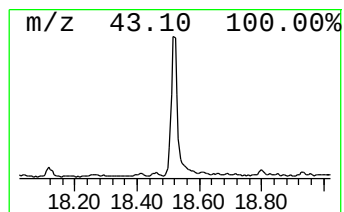
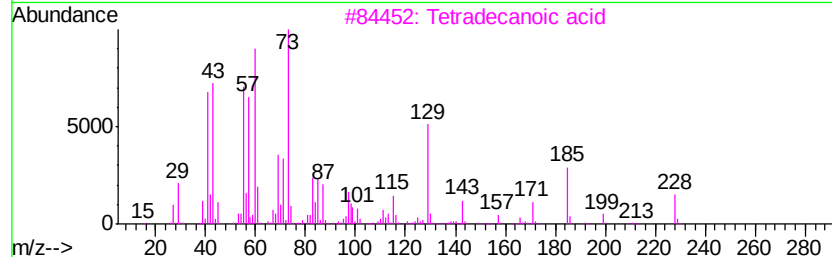
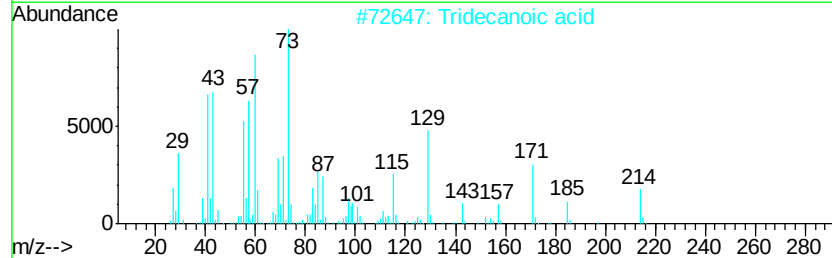
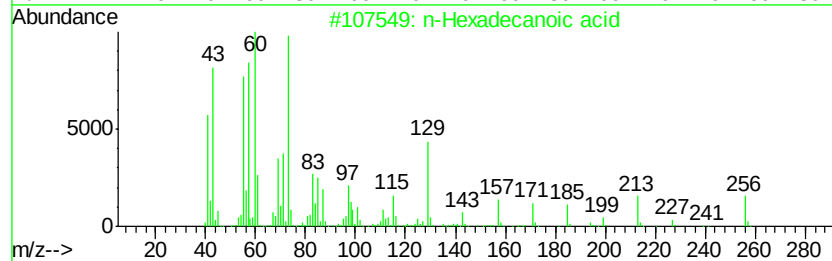
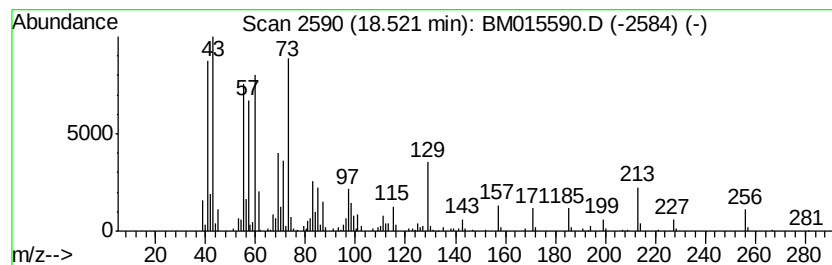
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.52	6.06 ng/ul	590706	Phenanthrene-d10		17.68
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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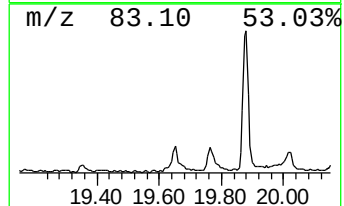
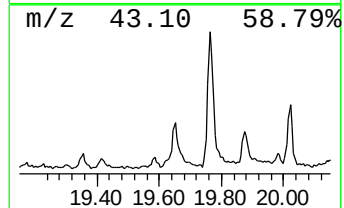
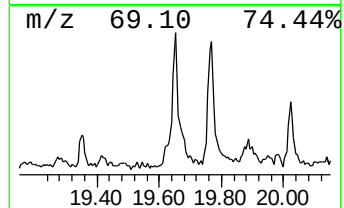
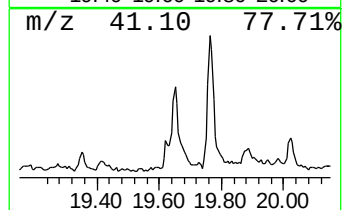
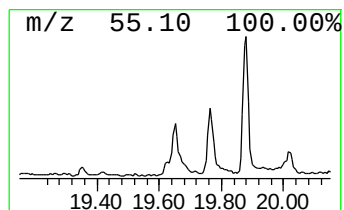
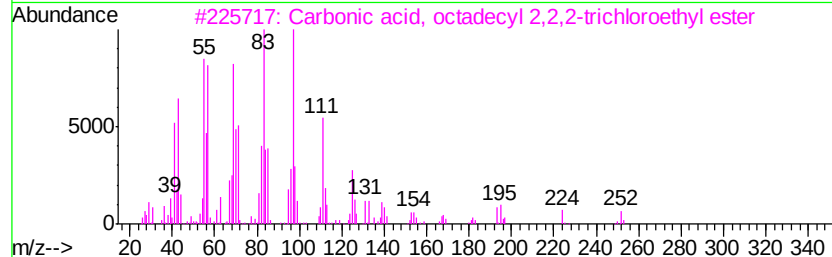
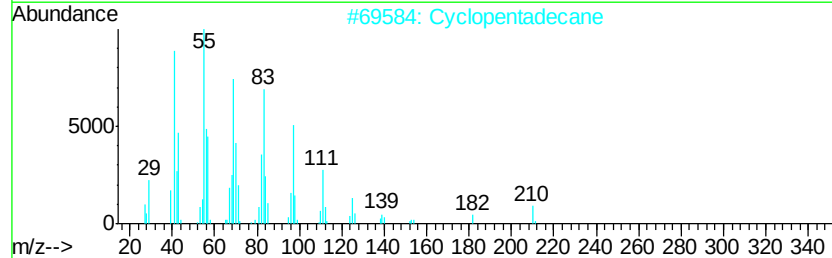
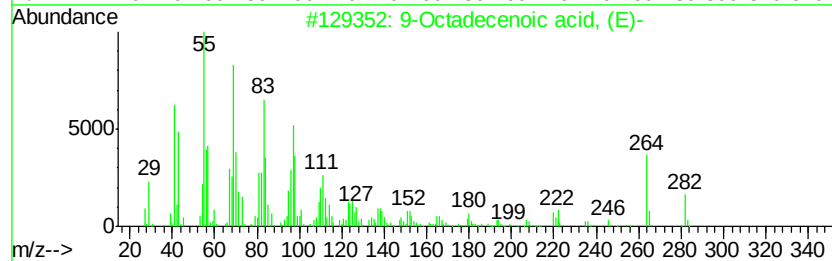
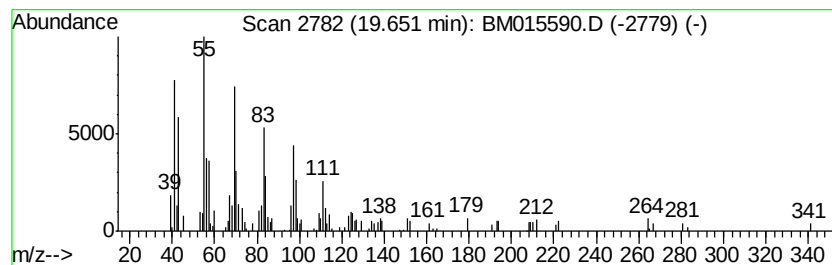
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 9-Octadecenoic acid, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.65	2.28 ng/ul	222682	Phenanthrene-d10	17.68		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	86	
2	Cyclopentadecane	210	C15H30	000295-48-7	81	
3	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	80	
4	Cyclopentadecane	210	C15H30	000295-48-7	70	
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	64	



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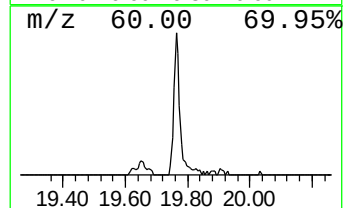
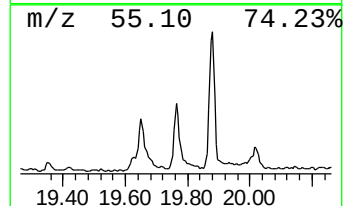
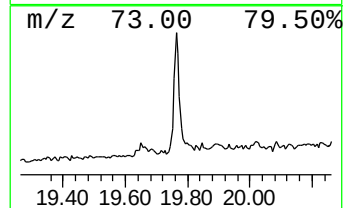
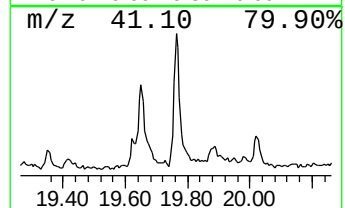
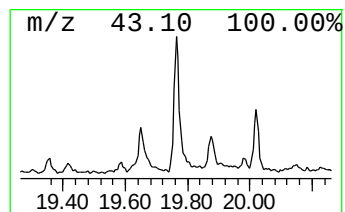
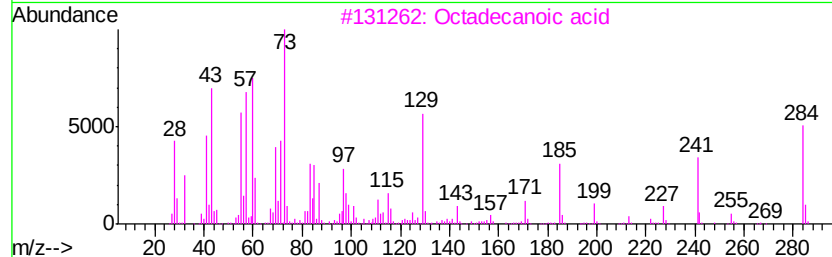
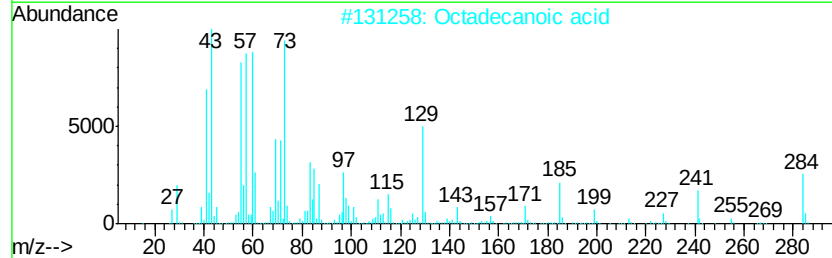
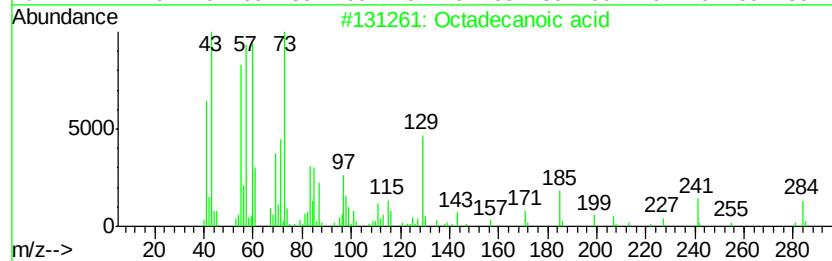
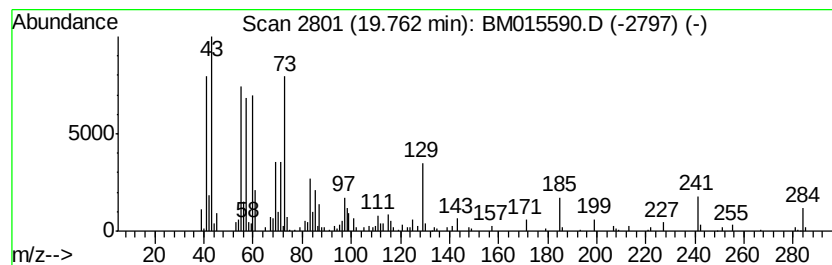
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.17 ng/ul	291303	Chrysene-d12	21.79

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	97
4		Octadecanoic acid	284	C18H36O2	000057-11-4	94
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



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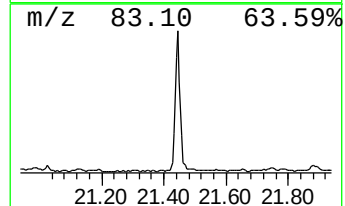
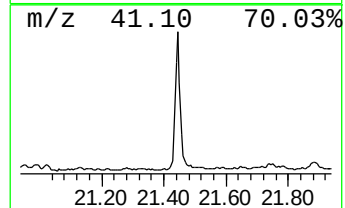
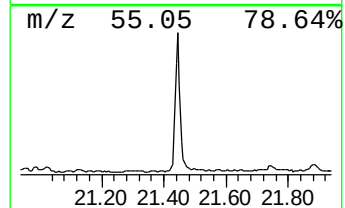
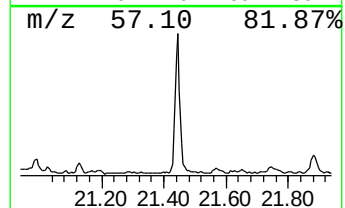
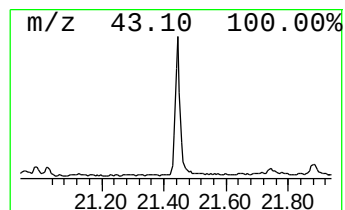
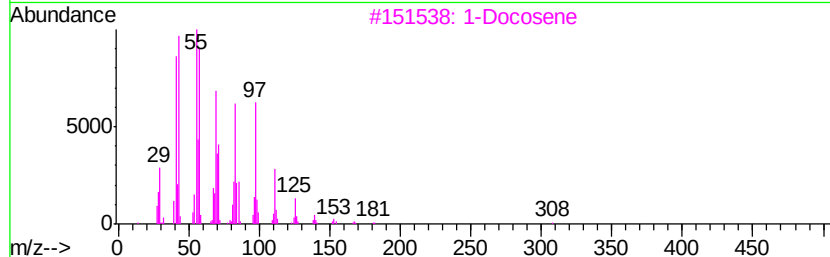
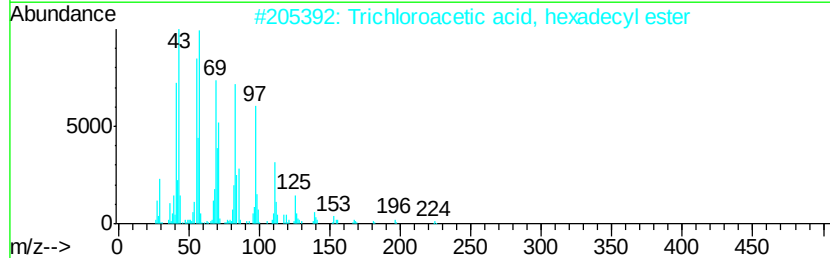
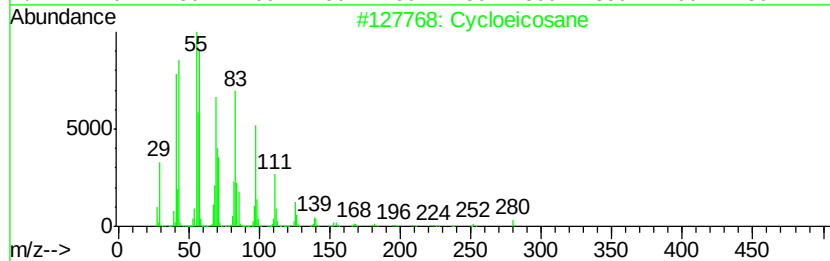
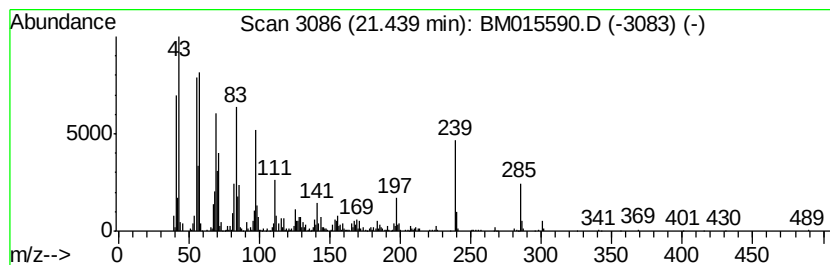
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic21.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	8.32 ng/ul	1114040	Chrysene-d12	21.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloeicosane	280 C20H40	000296-56-0 96
2		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl302	074339-54-1 91
3		1-Docosene	308 C22H44	001599-67-3 90
4		Cetene	224 C16H32	000629-73-2 90
5		Trichloroacetic acid, tetradecyl...	358 C16H29Cl302	074339-52-9 90



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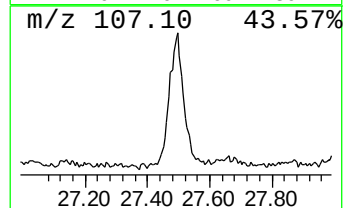
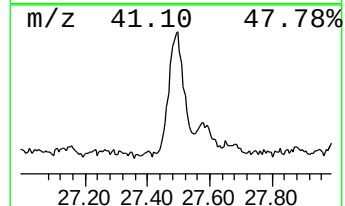
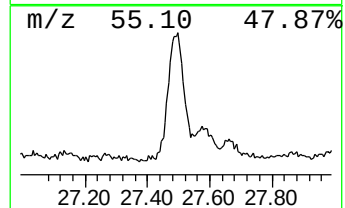
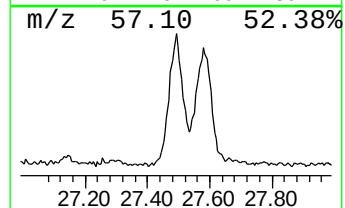
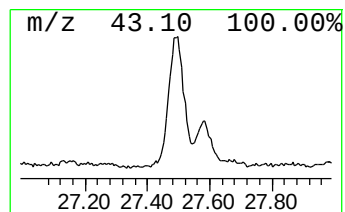
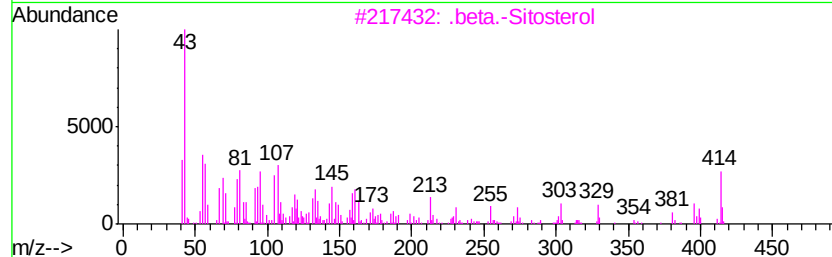
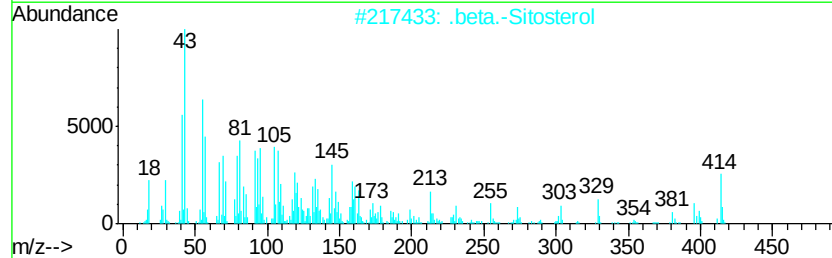
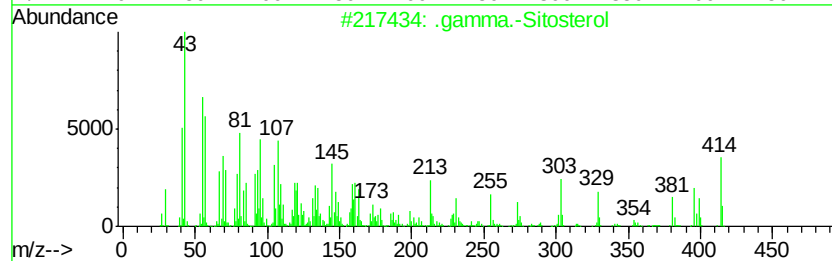
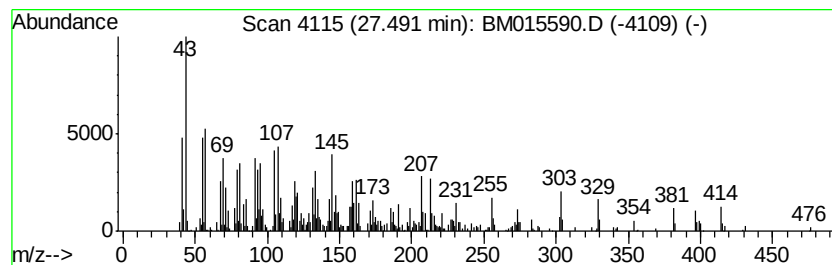
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Peak Number 5 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.49	5.87 ng/ul	852548	Perylene-d12	24.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	96
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	78
4		Pren-5-ene-3,12,14,17,20-pentol...	366	C21H34O5	028417-32-5	49
5		Campesterol	400	C28H48O	000474-62-4	37



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.52	6.1	ng/ul	590706	4	17.68	1949280	20.0
9-Octadecenoic ac...	19.65	2.3	ng/ul	222682	4	17.68	1949280	20.0
Octadecanoic acid	19.76	2.2	ng/ul	291303	5	21.79	2679060	20.0
(DEL) Alkane: Cyc...	21.44	8.3	ng/ul	1114040	5	21.79	2679060	20.0
.gamma.-Sitosterol	27.49	5.9	ng/ul	852548	6	24.20	2904280	20.0