

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008794.D
 Acq On : 22 Jan 2017 05:22
 Operator : UM/SJ
 Sample : I1316-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDP19

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\SOM02.2-EPA-BM010617.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	7.098	759	767	777	rBV2	598345	1110488	11.54%	2.123%
2	7.281	791	798	805	rVB	359818	563463	5.86%	1.077%
3	7.475	823	831	838	rBV	556255	890046	9.25%	1.702%
4	7.951	905	912	918	rBV	421338	679780	7.07%	1.300%
5	8.639	1022	1029	1039	rVB	617386	1007764	10.48%	1.927%
6	9.116	1102	1110	1118	rBV	582412	967823	10.06%	1.851%
7	9.833	1224	1232	1243	rBV2	527821	876687	9.11%	1.676%
8	10.363	1314	1322	1333	rBV2	712350	1141612	11.87%	2.183%
9	10.751	1381	1388	1394	rBV	495801	845374	8.79%	1.616%
10	10.886	1404	1411	1420	rBV	631394	1034365	10.75%	1.978%
11	13.986	1931	1938	1942	rBV	1177547	1621556	16.86%	3.100%
12	14.033	1942	1946	1953	rVB	337217	467947	4.86%	0.895%
13	14.274	1981	1987	1995	rVB	1152580	1652112	17.17%	3.159%
14	14.580	2030	2039	2048	rBV	771688	1110159	11.54%	2.123%
15	14.762	2062	2070	2080	rBV	751269	1122079	11.66%	2.145%
16	15.568	2201	2207	2213	rBV	1429987	2111326	21.95%	4.037%
17	15.680	2220	2226	2234	rVB	702061	967489	10.06%	1.850%
18	16.268	2322	2326	2334	rBV4	73649	117383	1.22%	0.224%
19	17.062	2453	2461	2466	rBV	79517	113155	1.18%	0.216%
20	17.321	2499	2505	2511	rBV	1043049	1466179	15.24%	2.803%
21	17.421	2515	2522	2528	rVB	1812830	2553120	26.54%	4.882%
22	17.798	2582	2586	2590	rBV	104609	113999	1.19%	0.218%
23	18.198	2649	2654	2664	rBV	369732	534973	5.56%	1.023%
24	19.468	2865	2870	2876	rBV	247289	315681	3.28%	0.604%
25	19.621	2890	2896	2901	rVV	8980924	9619921	100.00%	18.394%
26	19.703	2904	2910	2920	rVB	2279034	3183645	33.09%	6.087%
27	20.662	3068	3073	3077	rBV	8221922	8511787	88.48%	16.275%
28	21.174	3157	3160	3165	rBV3	218556	259685	2.70%	0.497%
29	21.486	3208	3213	3218	rBV	1652959	2112665	21.96%	4.039%
30	23.697	3582	3589	3597	rVB2	1746947	3402545	35.37%	6.506%
31	23.844	3608	3614	3623	rVB	922808	1825773	18.98%	3.491%

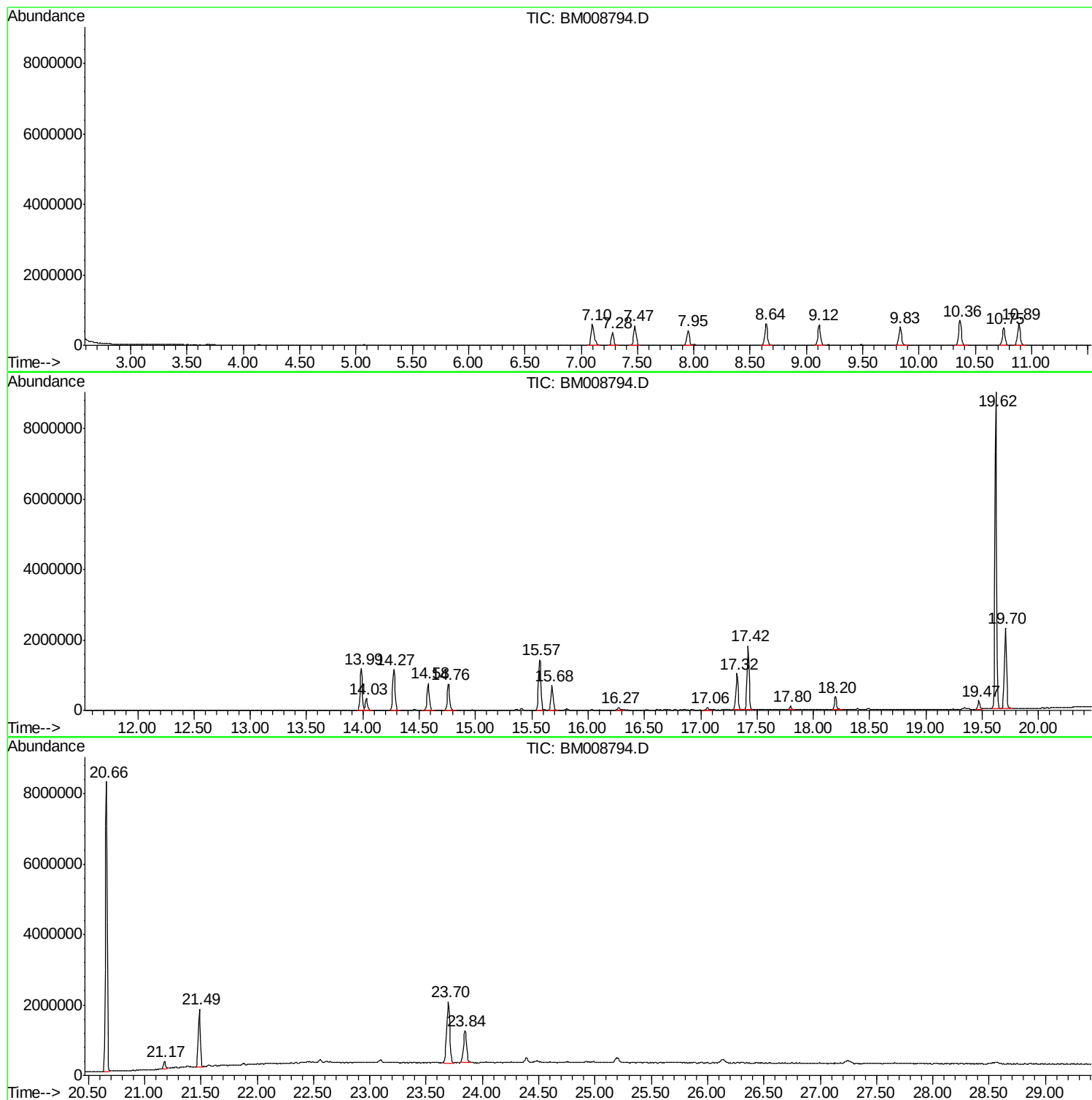
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION

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



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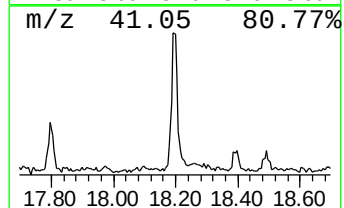
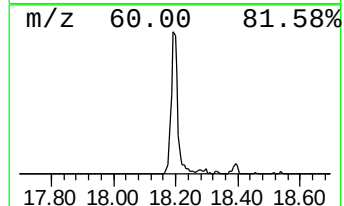
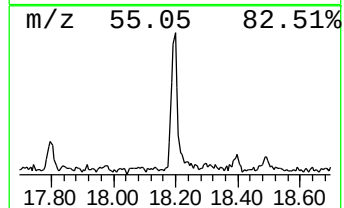
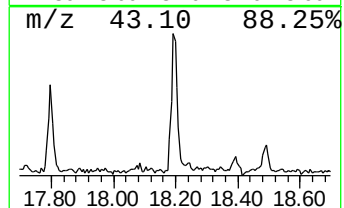
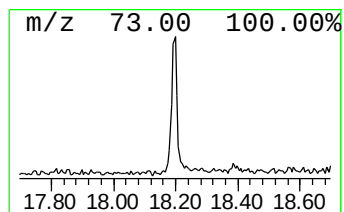
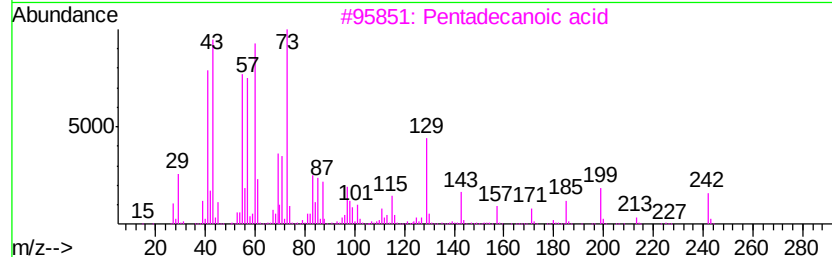
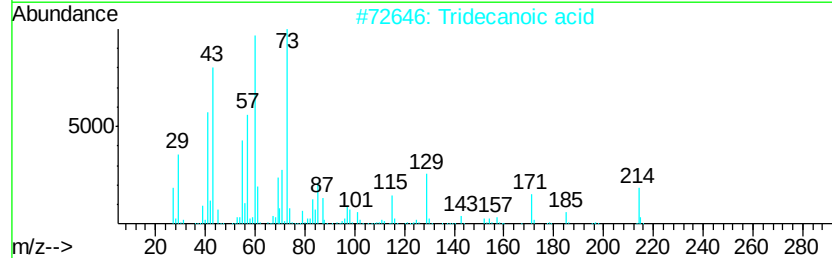
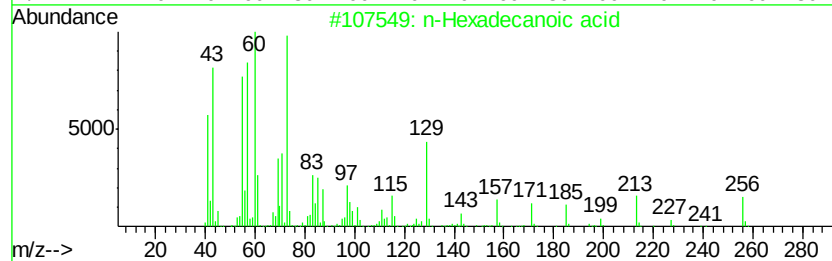
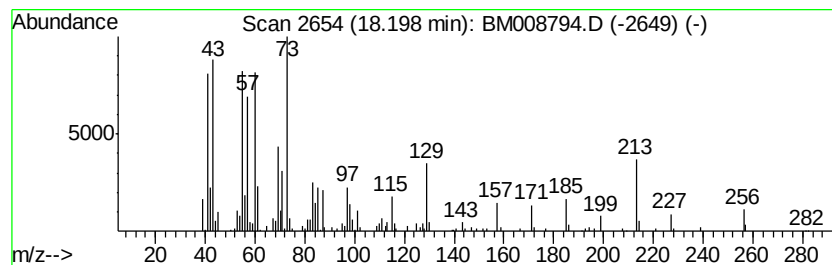
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.20	7.30 ng/ul	534973	Phenanthrene-d10	17.32	
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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



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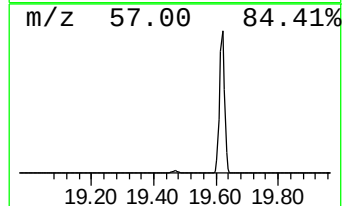
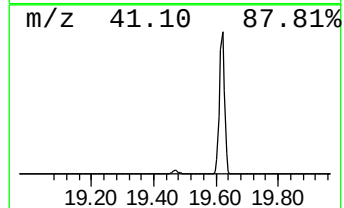
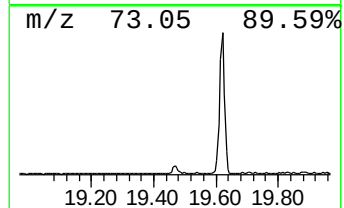
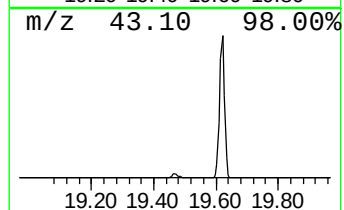
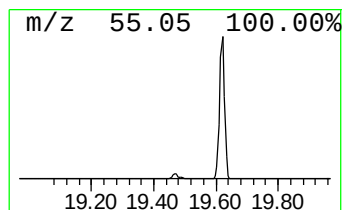
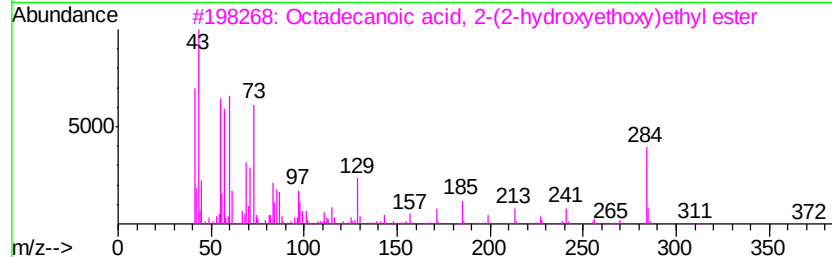
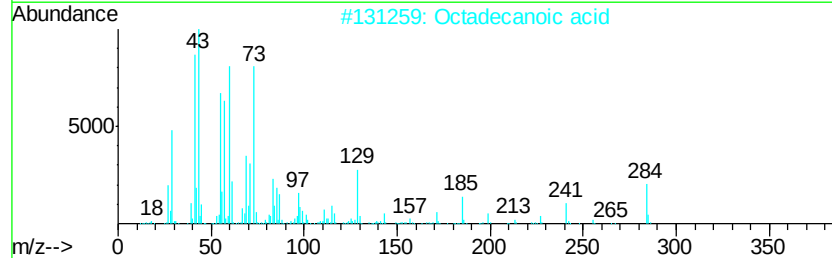
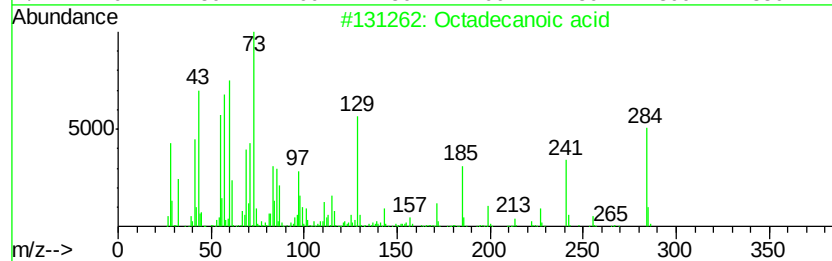
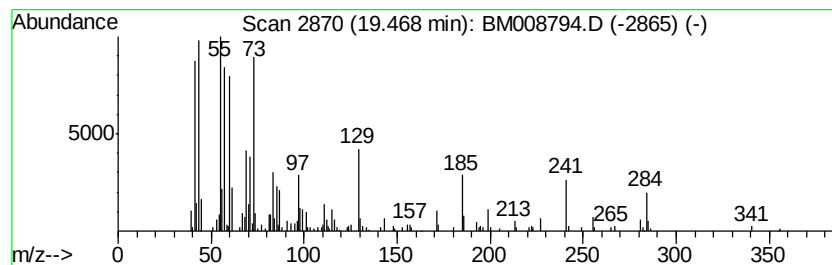
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	2.99 ng/ul	315681	Chrysene-d12	21.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Octadecanoic acid	284	C18H36O2	000057-11-4	72



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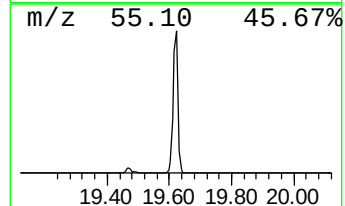
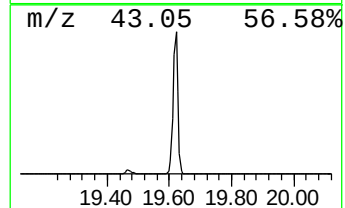
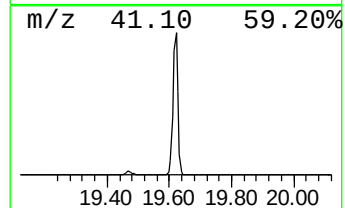
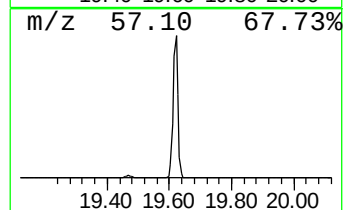
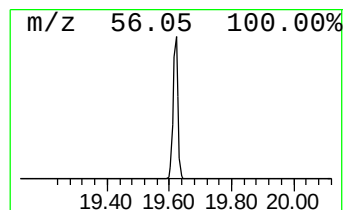
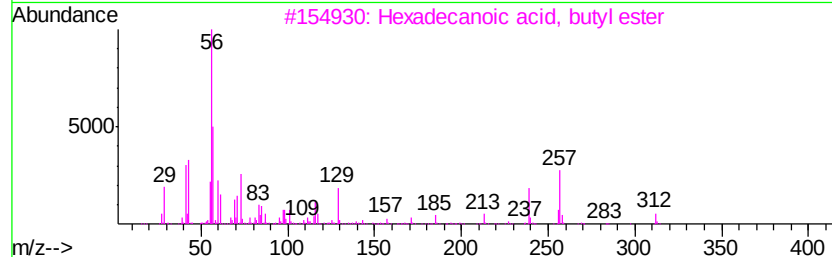
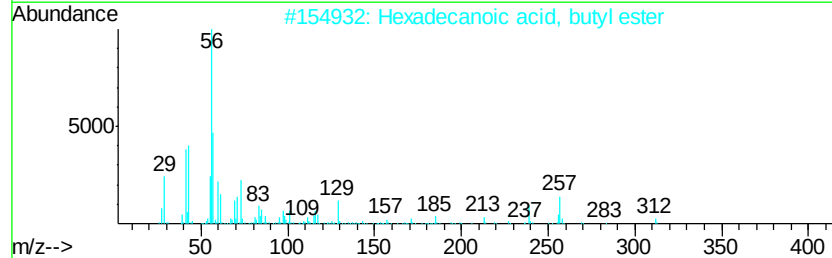
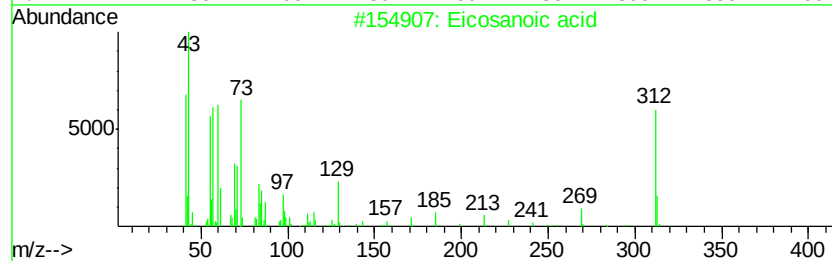
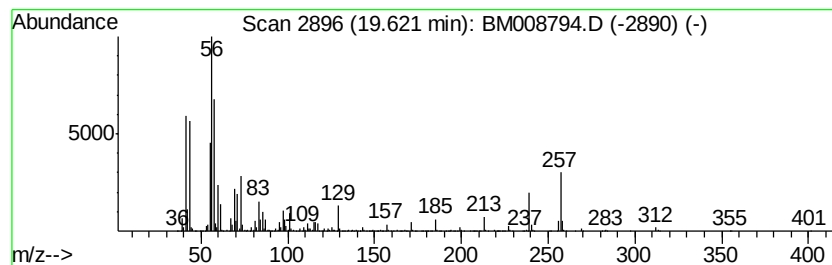
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Eicosanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	91.07 ng/ul	9619920	Chrysene-d12	21.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid	312	C20H40O2	000506-30-9	70
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	70
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	62
4		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	60
5		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	50



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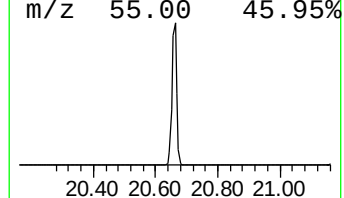
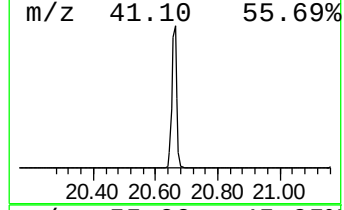
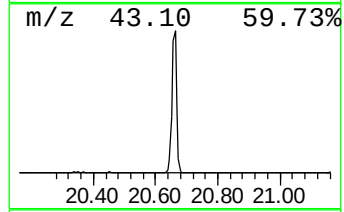
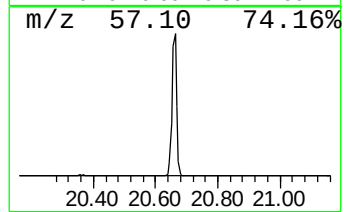
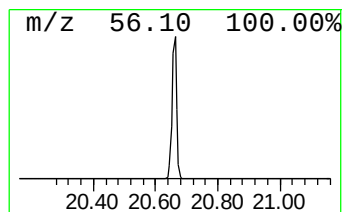
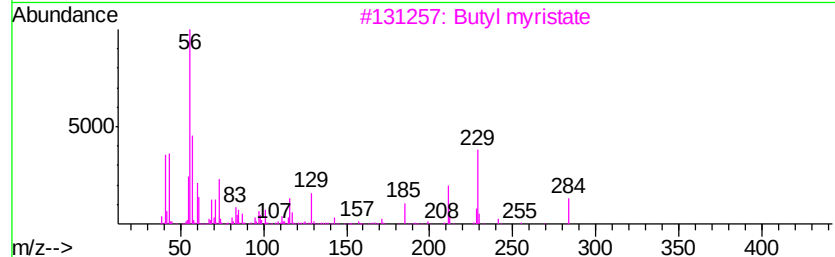
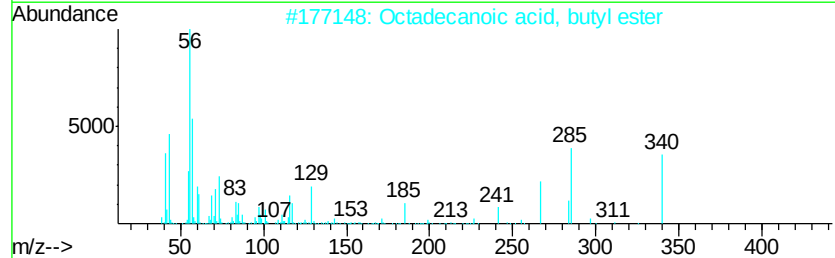
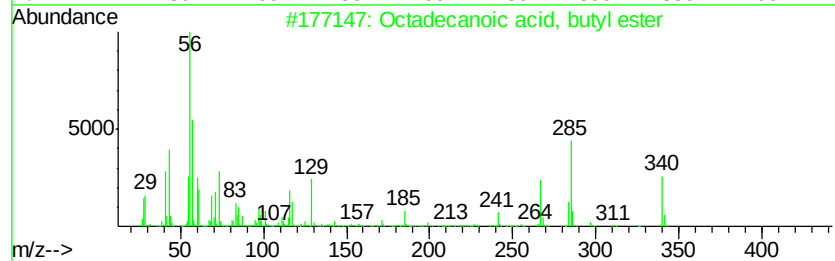
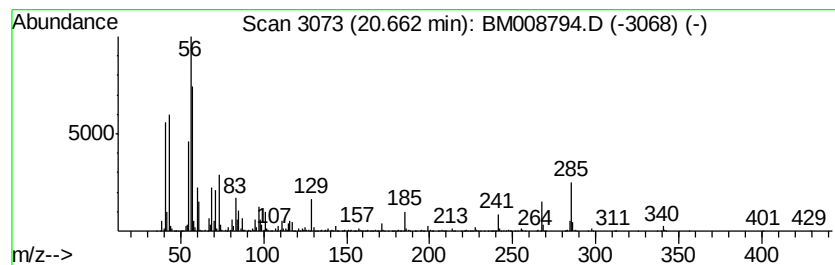
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	80.58 ng/ul	8511790	Chrysene-d12	21.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	60
3		Butyl myristate	284	C18H36O2	000110-36-1	58
4		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	43
5		Docosanoic acid	340	C22H44O2	000112-85-6	40



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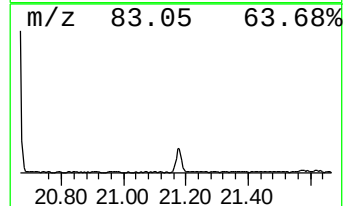
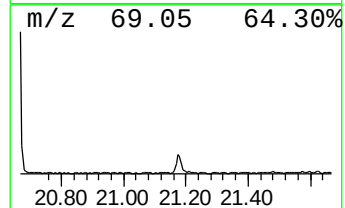
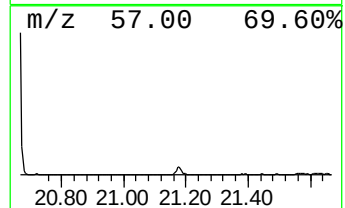
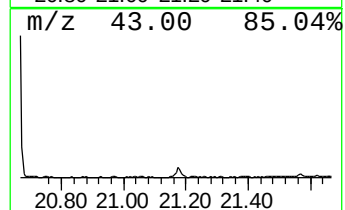
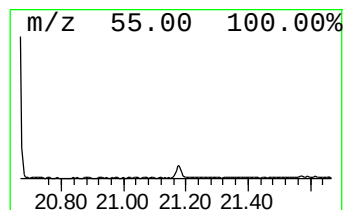
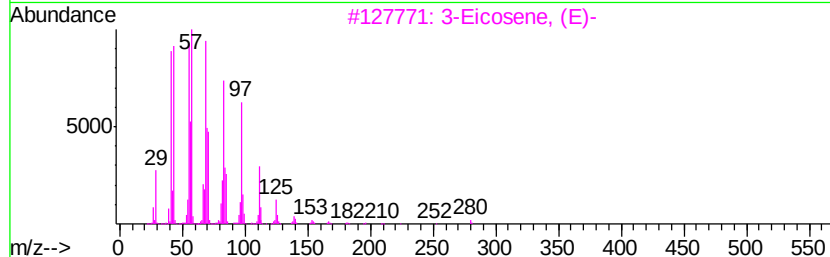
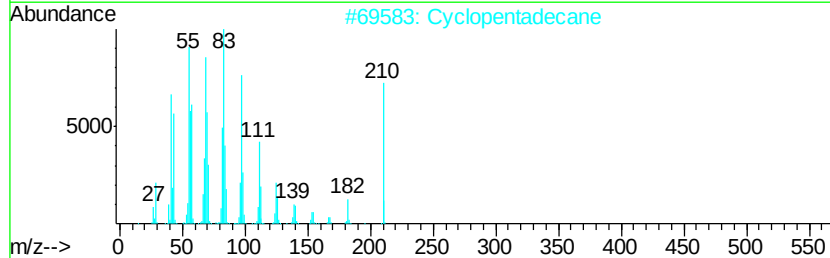
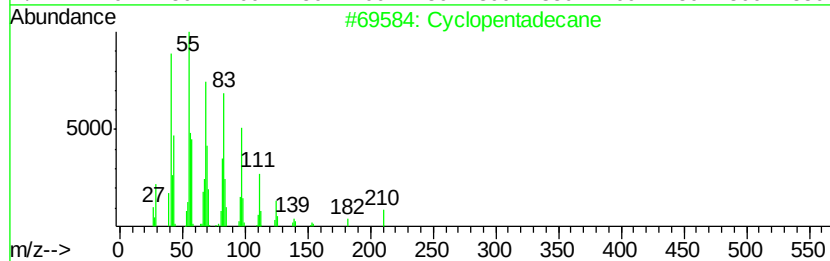
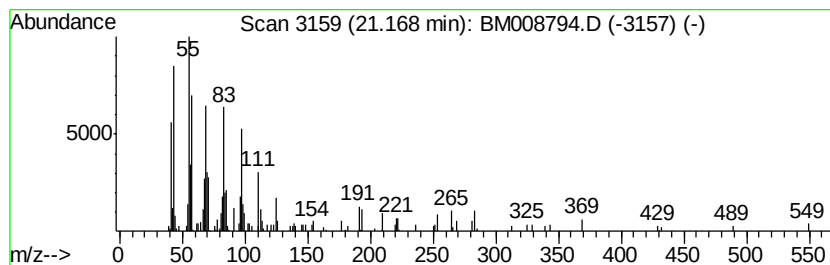
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Peak Number 5 (DEL) Alkane: Cyclic21.17 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.17	2.46 ng/ul	259685	Chrysene-d12		21.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	98
2	Cyclopentadecane	210	C15H30	000295-48-7	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
5	1-Nonadecene	266	C19H38	018435-45-5	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.20	7.3	ng/ul	534973	4	17.32	1466180	20.0
Octadecanoic acid	19.47	3.0	ng/ul	315681	5	21.49	2112670	20.0
Eicosanoic acid	19.62	91.1	ng/ul	9619920	5	21.49	2112670	20.0
Octadecanoic acid...	20.66	80.6	ng/ul	8511790	5	21.49	2112670	20.0
(DEL) Alkane: Cyc...	21.17	2.5	ng/ul	259685	5	21.49	2112670	20.0