

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013292.D
 Acq On : 09 Dec 2017 05:20
 Operator : SJ/JU
 Sample : I6758-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B15

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-BM113017.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	4.851	296	300	309	rVB2	36042	59168	1.09%	0.097%
2	6.381	556	560	571	rVB2	42374	75953	1.40%	0.125%
3	6.869	634	643	657	rVB2	768937	1387163	25.51%	2.279%
4	7.034	664	671	678	rBV	570252	877493	16.13%	1.441%
5	7.228	697	704	711	rBV	776048	1230104	22.62%	2.021%
6	7.692	774	783	790	rBV	763801	1207401	22.20%	1.983%
7	8.398	894	903	912	rBV	935841	1499213	27.57%	2.463%
8	8.845	972	979	986	rBV	795779	1314830	24.18%	2.160%
9	9.563	1094	1101	1109	rBV	664015	1142489	21.01%	1.877%
10	10.092	1185	1191	1201	rBV	1001882	1697013	31.20%	2.788%
11	10.469	1248	1255	1261	rBV	1099717	1832536	33.69%	3.010%
12	10.522	1261	1264	1269	rVV	65698	97077	1.78%	0.159%
13	10.610	1272	1279	1295	rBV	774872	1389544	25.55%	2.283%
14	13.745	1806	1812	1817	rBV	1893859	2706497	49.76%	4.446%
15	13.792	1817	1820	1828	rVB	227224	313150	5.76%	0.514%
16	14.021	1850	1859	1870	rBV	2172076	3229807	59.39%	5.305%
17	14.239	1892	1896	1902	rVB2	56032	70355	1.29%	0.116%
18	14.333	1904	1912	1919	rBV2	1669466	2562568	47.12%	4.209%
19	14.545	1939	1948	1958	rBV	840514	1358254	24.97%	2.231%
20	15.192	2055	2058	2064	rVB2	70021	88469	1.63%	0.145%
21	15.327	2075	2081	2087	rBV	2695795	3861874	71.01%	6.344%
22	15.451	2097	2102	2115	rBV	811459	1176801	21.64%	1.933%
23	15.568	2115	2122	2127	rBV4	32601	77567	1.43%	0.127%
24	16.057	2200	2205	2212	rBV2	75621	121611	2.24%	0.200%
25	17.080	2372	2379	2384	rBV2	2331993	3367136	61.91%	5.531%
26	17.121	2384	2386	2390	rVV	157716	192598	3.54%	0.316%
27	17.180	2390	2396	2407	rVB	3055217	4338510	79.77%	7.127%
28	17.986	2528	2533	2542	rBV2	397038	551160	10.13%	0.905%
29	19.015	2704	2708	2715	rBV7	26858	67390	1.24%	0.111%
30	19.139	2721	2729	2738	rBV2	249412	493823	9.08%	0.811%
31	19.268	2747	2751	2759	rBV3	369167	529520	9.74%	0.870%
32	19.480	2780	2787	2795	rBV	3610502	5383187	98.98%	8.843%
33	20.156	2898	2902	2906	rBV7	45472	75068	1.38%	0.123%
34	20.533	2961	2966	2969	rBV6	153075	191554	3.52%	0.315%

LSC Area Percent Report

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Integrator: RTE
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	20.992	3040	3044	3049	rBV	369555	472232	8.68%	0.776%
36	21.192	3076	3078	3082	rVB	67684	72459	1.33%	0.119%
37	21.268	3085	3091	3096	rBV	3438661	4619780	84.94%	7.589%
38	21.880	3191	3195	3201	rVB7	174318	281898	5.18%	0.463%
39	22.827	3351	3356	3361	rBV	450699	803543	14.77%	1.320%
40	23.356	3440	3446	3459	rVB2	2689845	5438614	100.00%	8.934%
41	23.497	3463	3470	3477	rBV	2077741	3847885	70.75%	6.321%
42	24.033	3557	3561	3569	rVB2	269318	504747	9.28%	0.829%
43	24.115	3572	3575	3581	rVB5	149154	268564	4.94%	0.441%

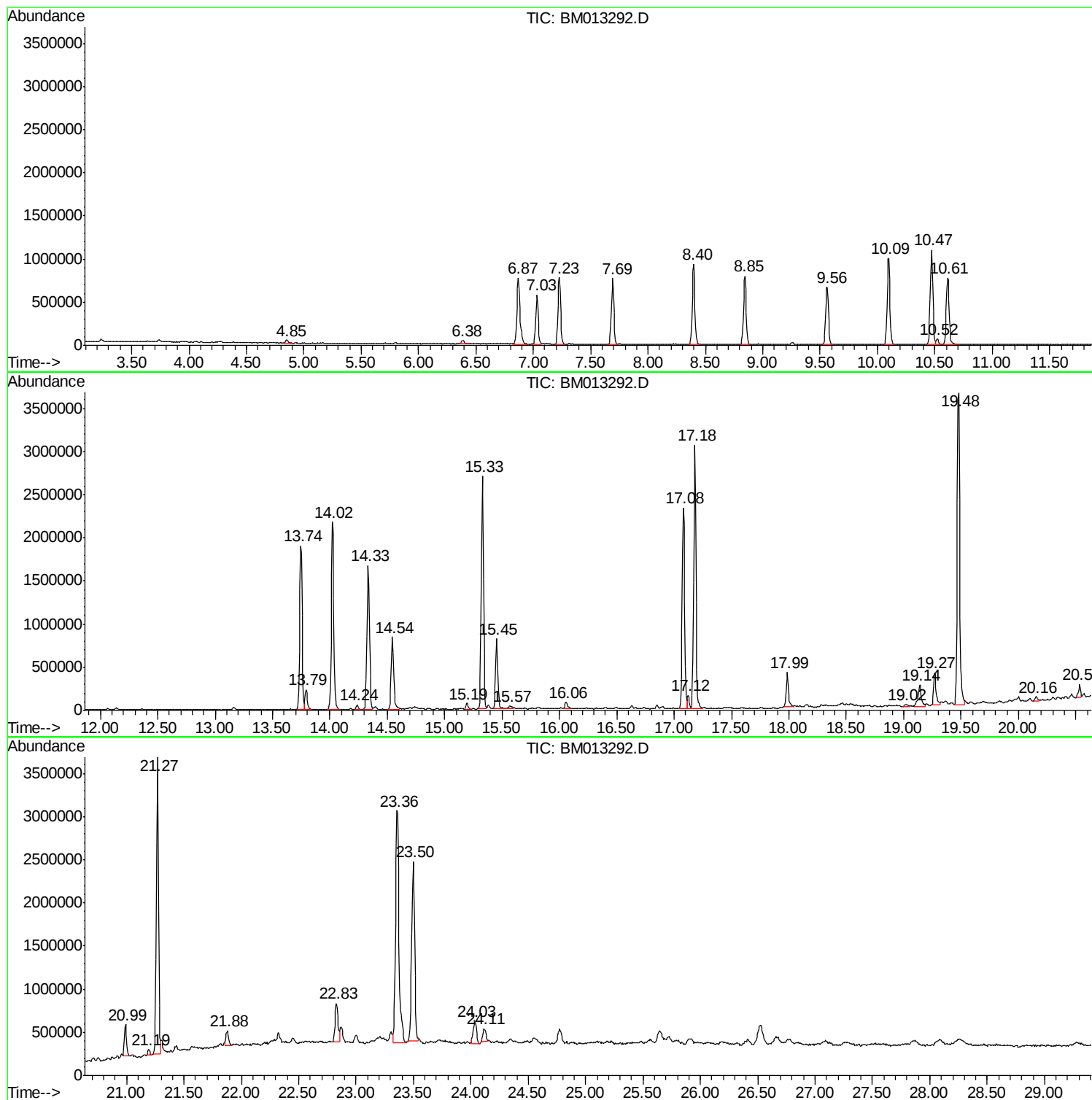
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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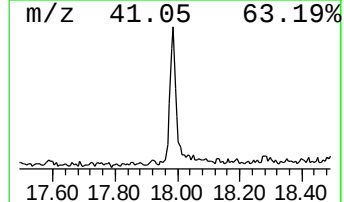
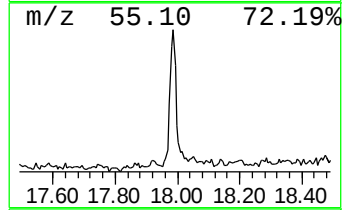
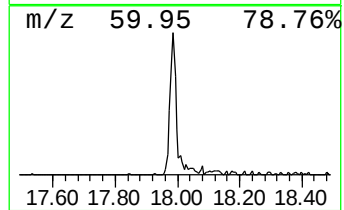
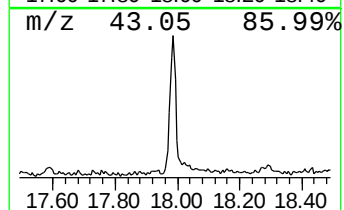
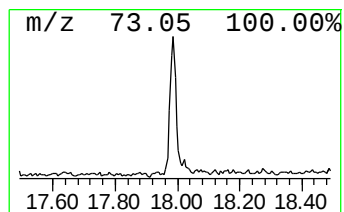
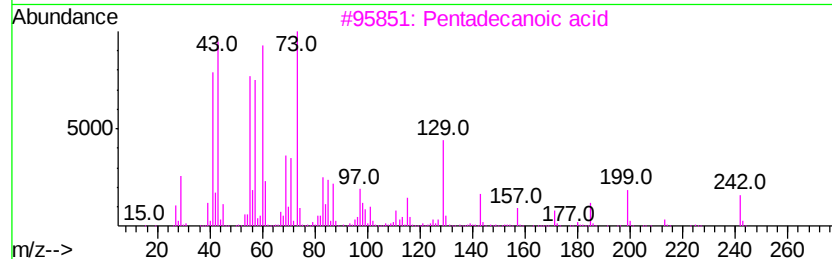
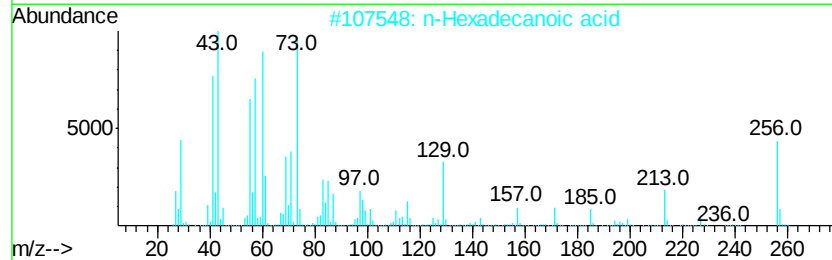
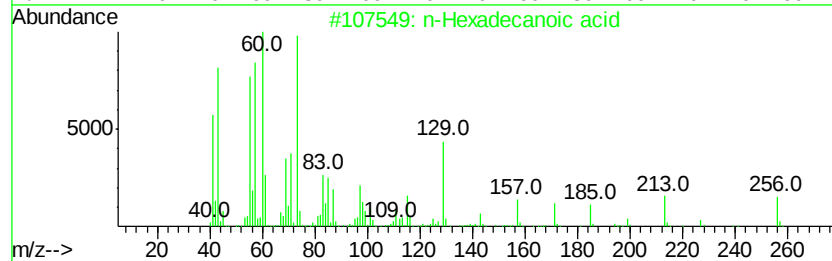
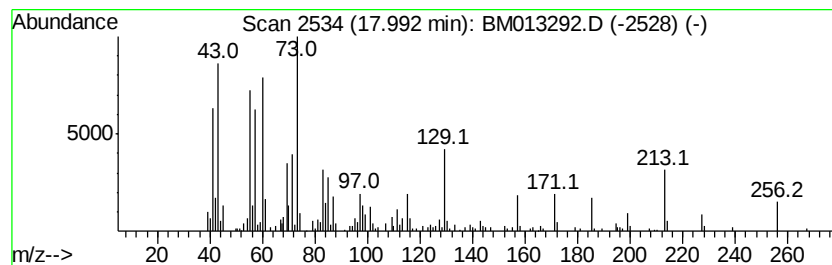
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.99	3.27 ng/ul	551160	Phenanthrene-d10		17.08	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81	



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Instrument :
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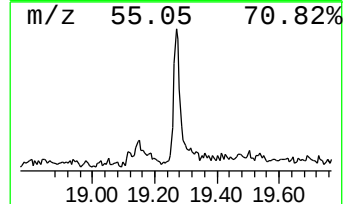
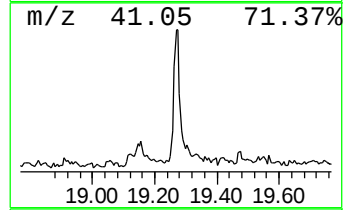
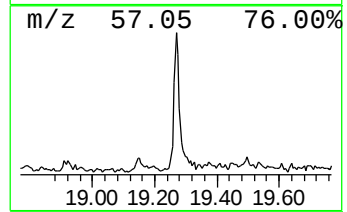
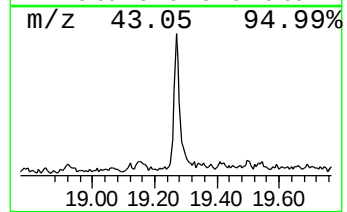
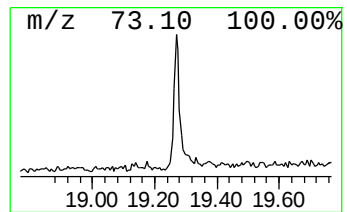
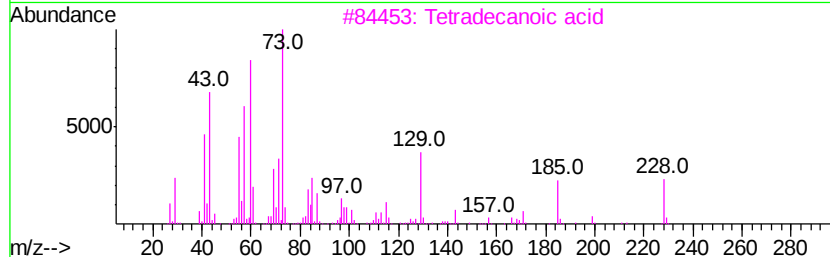
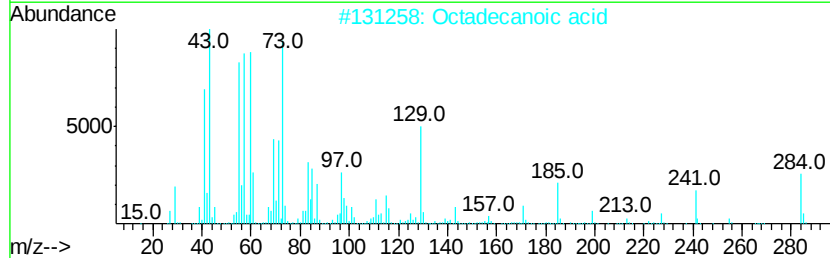
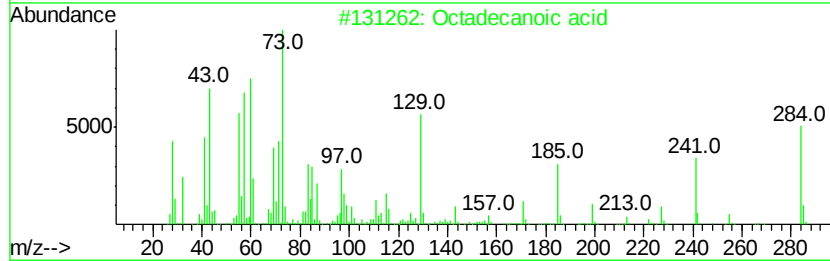
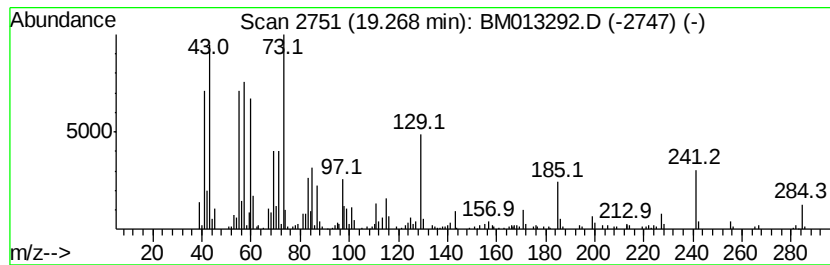
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.29 ng/ul	529520	Chrysene-d12	21.27

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	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	86



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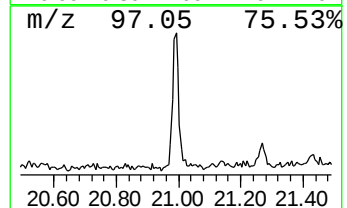
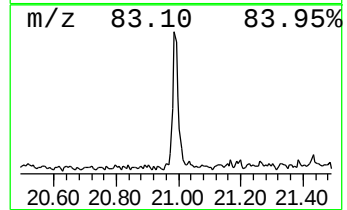
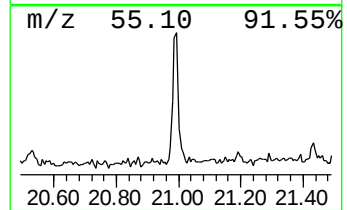
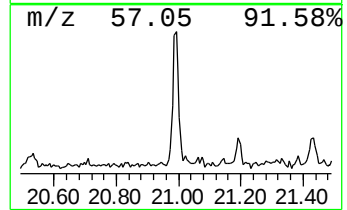
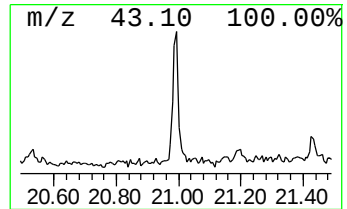
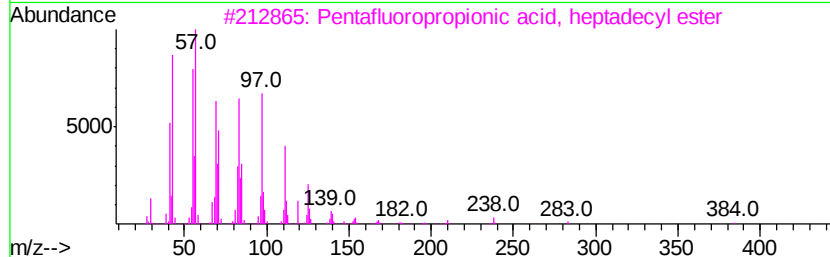
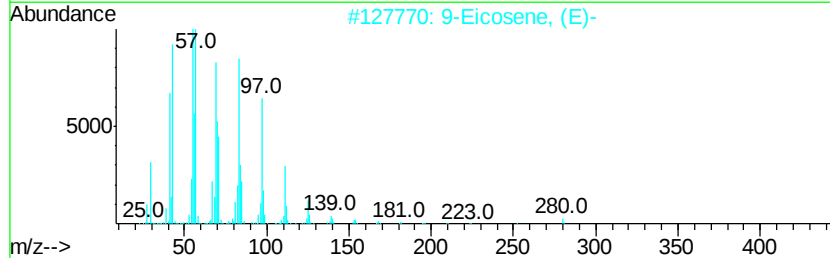
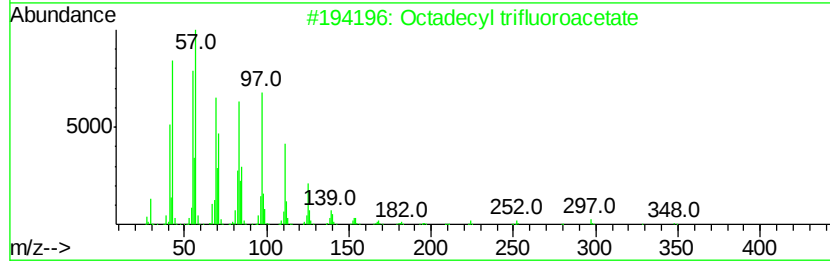
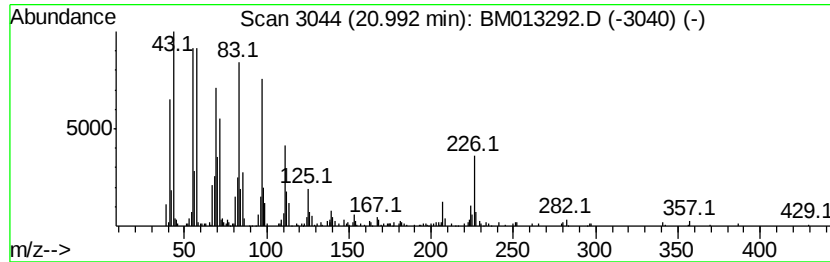
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecyl trifluoroacetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.04 ng/ul	472232	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	89
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	81
4		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	81
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	81



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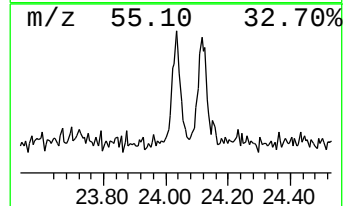
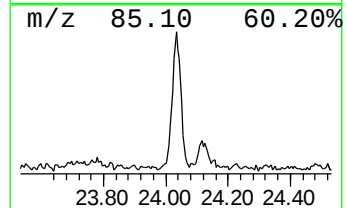
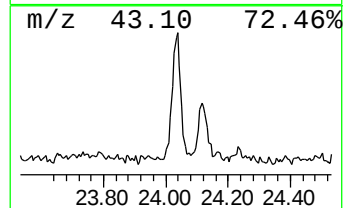
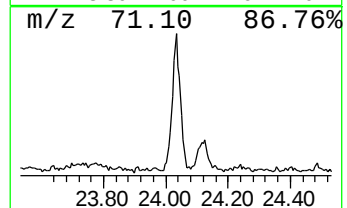
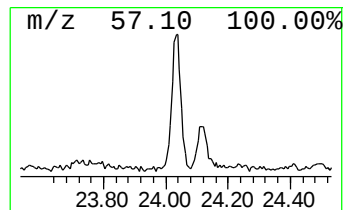
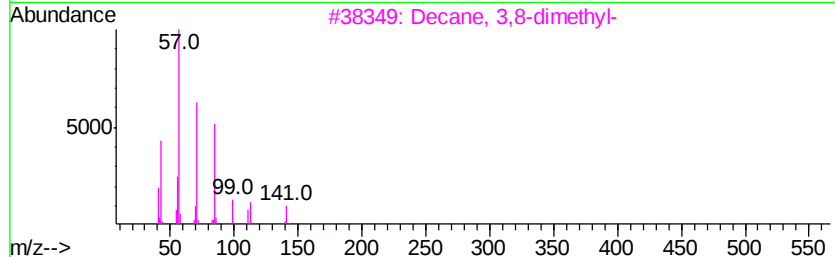
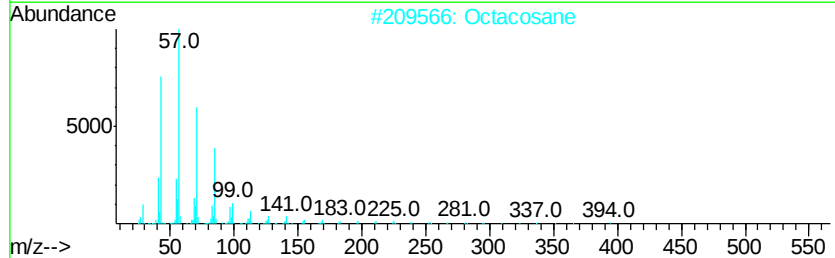
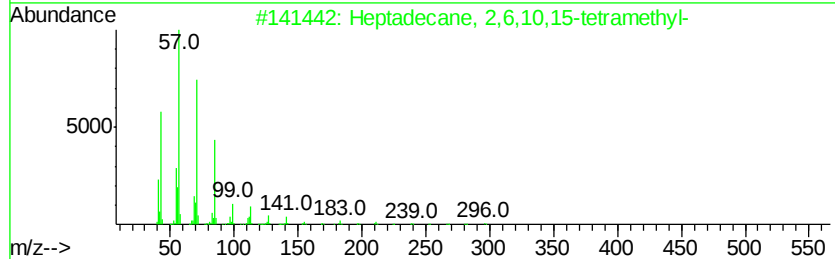
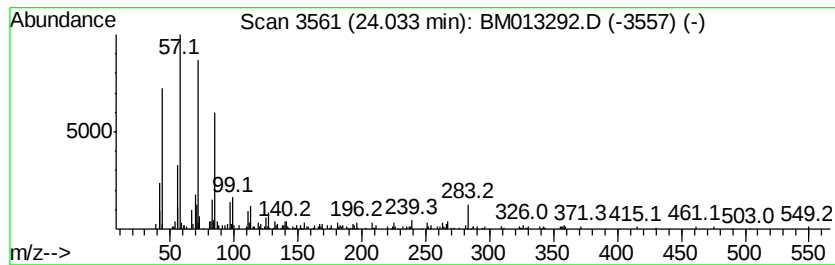
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.62 ng/ul	504747	Perylene-d12	23.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Octacosane	394	C28H58	000630-02-4	80
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
4		Heptacosane	380	C27H56	000593-49-7	80
5		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	3.3	ng/ul	551160	4	17.08	3367140	20.0
Octadecanoic acid	19.27	2.3	ng/ul	529520	5	21.27	4619780	20.0
Octadecyl trifluo...	20.99	2.0	ng/ul	472232	5	21.27	4619780	20.0
(DEL) Alkane: Str...	24.03	2.6	ng/ul	504747	6	23.50	3847890	20.0