

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
 Data File : BM027380.D
 Acq On : 10 Sep 2020 19:01
 Operator : JU/CG
 Sample : L3855-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW284

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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-BM090420MA.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	3.134	21	25	30	rBV	49833	62554	0.97%	0.101%
2	3.840	143	145	152	rVB3	10665	13781	0.21%	0.022%
3	6.751	633	640	654	rBV	958994	1520964	23.66%	2.444%
4	6.910	661	667	680	rVB	743675	1123499	17.48%	1.805%
5	7.104	694	700	710	rBV	1000302	1528524	23.78%	2.456%
6	7.210	715	718	724	rVB4	8733	15180	0.24%	0.024%
7	7.569	772	779	787	rVV	655487	1034125	16.09%	1.662%
8	7.651	787	793	798	rVB2	14641	23707	0.37%	0.038%
9	8.275	892	899	913	rBV	1197525	1859822	28.94%	2.989%
10	8.710	966	973	983	rBV	956261	1514768	23.57%	2.434%
11	9.181	1048	1053	1058	rVB3	5608	8009	0.12%	0.013%
12	9.428	1086	1095	1104	rBV	851987	1372838	21.36%	2.206%
13	9.963	1179	1186	1198	rBV	1312272	2126948	33.09%	3.418%
14	10.334	1241	1249	1257	rBV	915673	1453096	22.61%	2.335%
15	10.475	1265	1273	1296	rBV	1136583	1943901	30.24%	3.124%
16	11.933	1516	1521	1530	rVB2	16290	28948	0.45%	0.047%
17	13.057	1707	1712	1718	rBV5	5841	9995	0.16%	0.016%
18	13.127	1718	1724	1729	rBV5	10063	16091	0.25%	0.026%
19	13.627	1802	1809	1813	rBV	2494529	3242359	50.45%	5.210%
20	13.675	1813	1817	1823	rVB	399763	542248	8.44%	0.871%
21	13.898	1848	1855	1864	rBV	2658237	3774641	58.73%	6.066%
22	14.139	1893	1896	1900	rBV3	5349	6683	0.10%	0.011%
23	14.210	1901	1908	1921	rVB	1510626	2197777	34.19%	3.532%
24	14.416	1937	1943	1965	rBV	1013234	1572448	24.47%	2.527%
25	14.651	1978	1983	1989	rBV7	7593	10021	0.16%	0.016%
26	15.210	2071	2078	2085	rBV	3328976	4712352	73.32%	7.573%
27	15.333	2093	2099	2109	rBV	1041393	1480500	23.03%	2.379%
28	15.445	2114	2118	2124	rVB	37890	55894	0.87%	0.090%
29	15.992	2208	2211	2216	rVB3	13439	18688	0.29%	0.030%
30	16.639	2315	2321	2325	rVB5	7263	10270	0.16%	0.017%
31	16.745	2333	2339	2345	rBV2	10421	19380	0.30%	0.031%
32	16.957	2369	2375	2383	rBV	1987679	2765541	43.03%	4.444%
33	17.051	2385	2391	2406	rBV	3703013	5241320	81.55%	8.423%
34	17.345	2434	2441	2445	rBV7	5384	13428	0.21%	0.022%

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35	17.651	2489	2493	2497	rBV5	3226	7223	0.11%	0.012%
36	17.880	2526	2532	2548	rBV	699624	1077742	16.77%	1.732%
37	18.551	2643	2646	2649	rVB5	7284	7650	0.12%	0.012%
38	18.686	2667	2669	2671	rBV3	6484	6659	0.10%	0.011%
39	18.986	2716	2720	2723	rBV2	41275	57914	0.90%	0.093%
40	19.015	2723	2725	2728	rVB3	11601	12551	0.20%	0.020%
41	19.168	2746	2751	2759	rBV	458286	639638	9.95%	1.028%
42	19.239	2760	2763	2768	rVB	48874	77485	1.21%	0.125%
43	19.356	2775	2783	2795	rBV	4917995	6427207	100.00%	10.328%
44	19.904	2872	2876	2879	rBV4	28593	35695	0.56%	0.057%
45	20.892	3040	3044	3055	rBV	1121513	1343335	20.90%	2.159%
46	21.150	3083	3088	3100	rBV	2616502	3307753	51.46%	5.315%
47	23.186	3427	3434	3441	rBV	2909463	4961501	77.20%	7.973%
48	23.321	3450	3457	3466	rVB	1397542	2567805	39.95%	4.126%
49	23.944	3559	3563	3573	rVB2	180743	378004	5.88%	0.607%

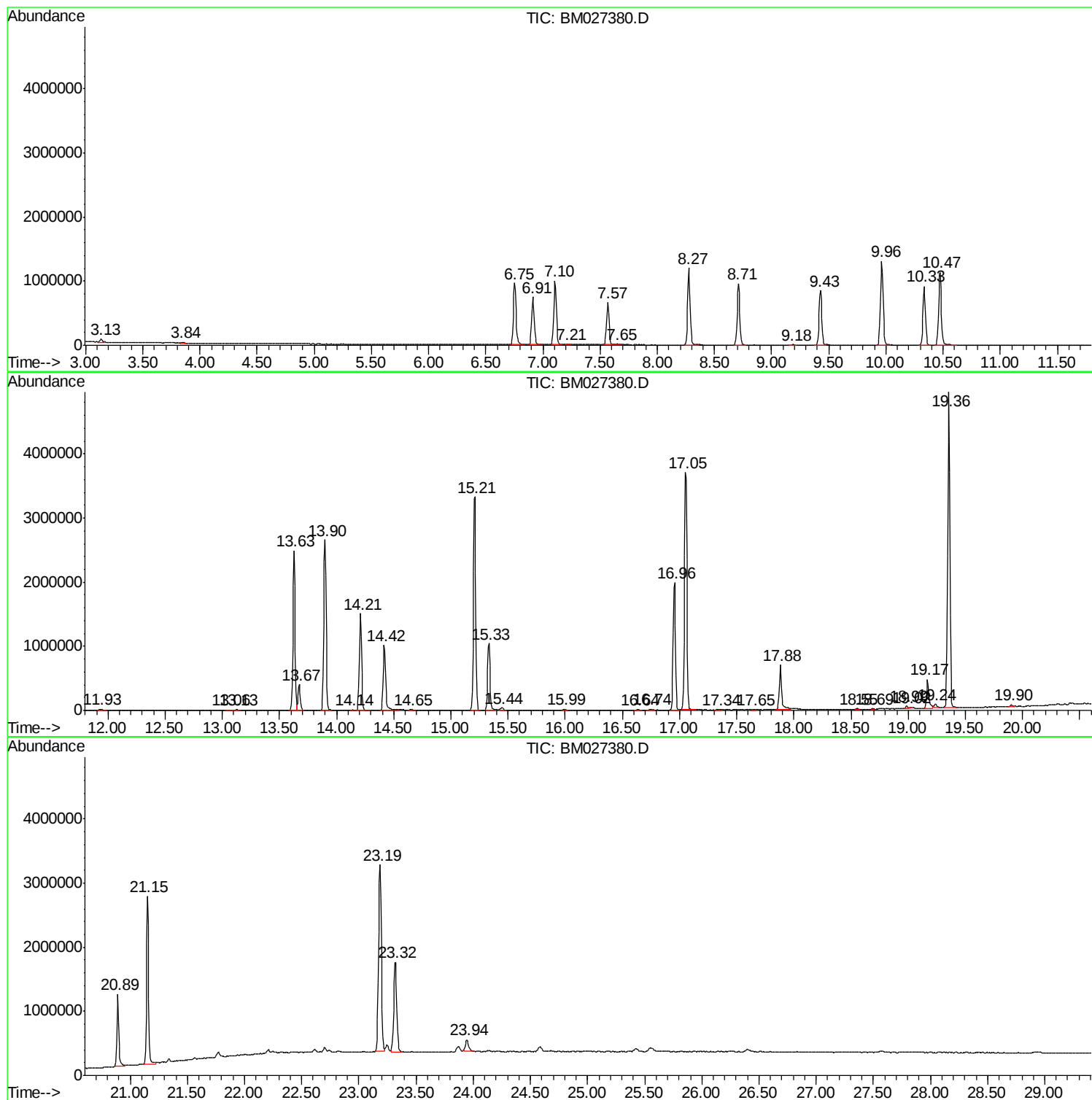
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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



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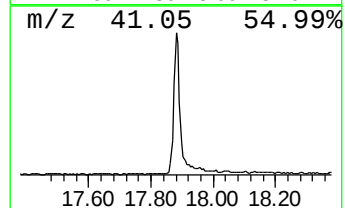
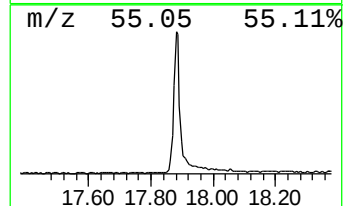
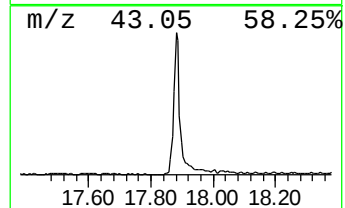
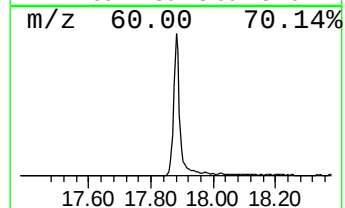
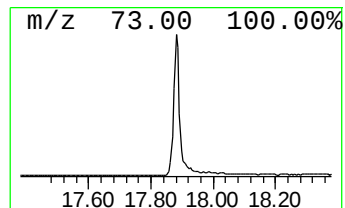
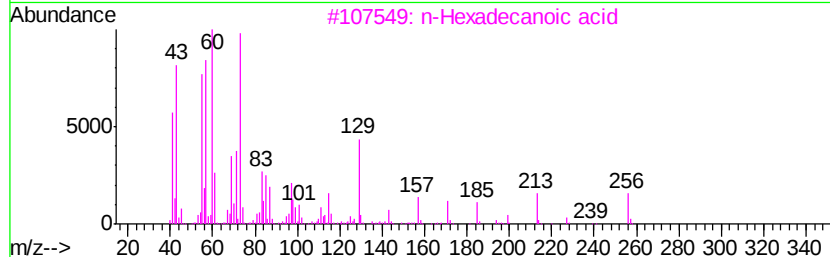
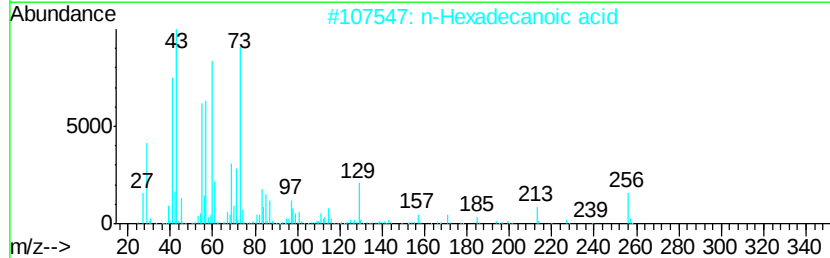
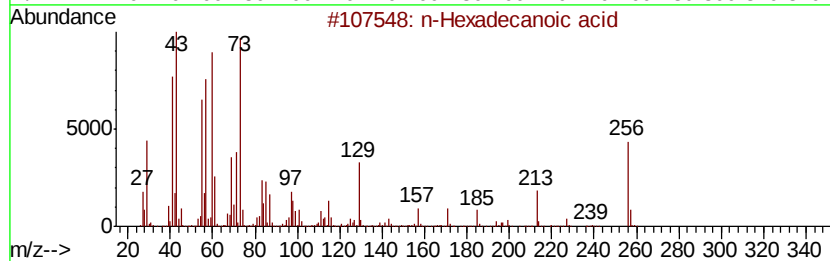
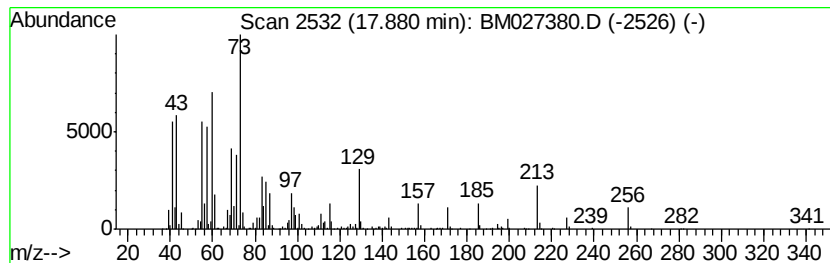
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	7.79 ng/ul	1077740	Phenanthrene-d10	16.96

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	97
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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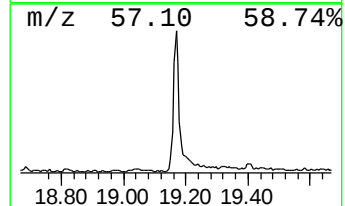
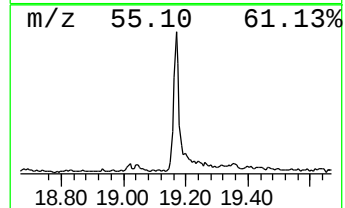
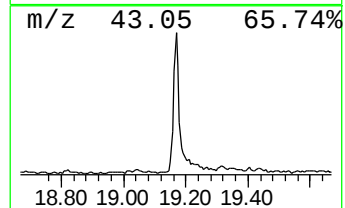
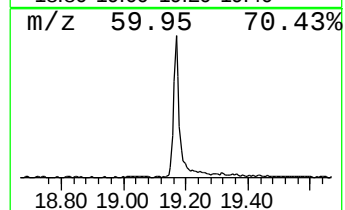
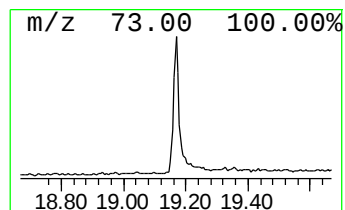
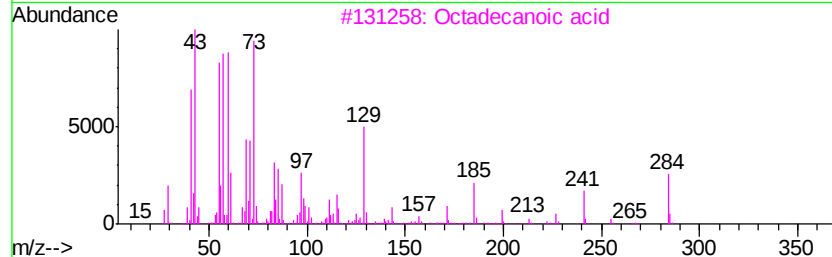
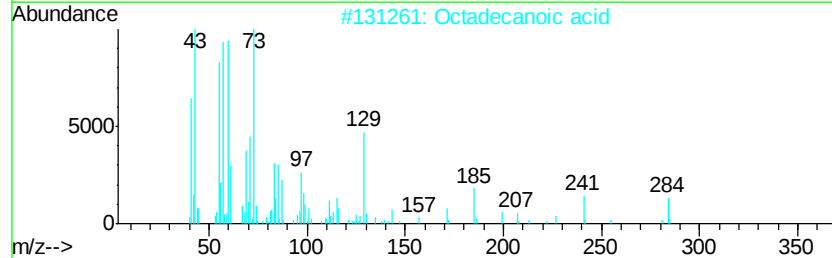
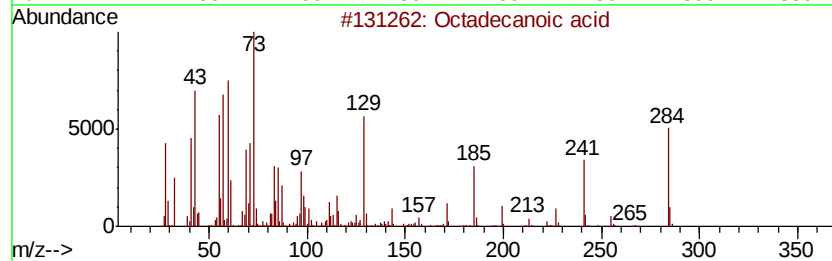
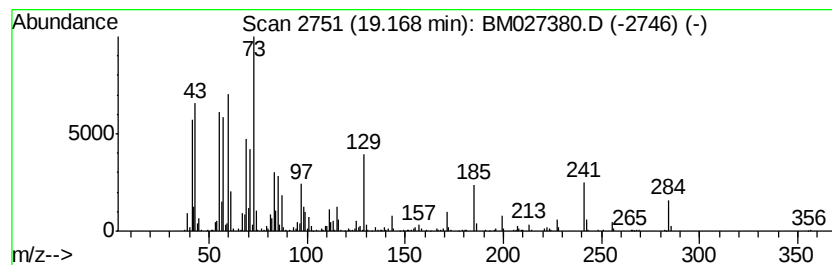
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.87 ng/ul	639638	Chrysene-d12	21.15

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	98	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90	



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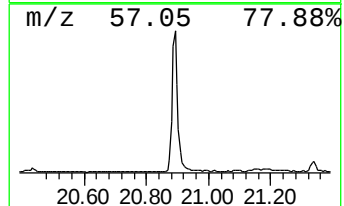
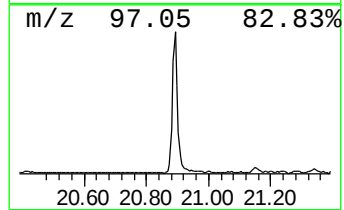
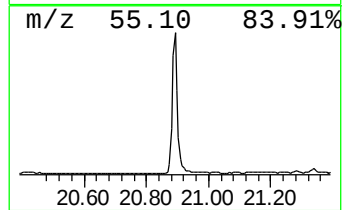
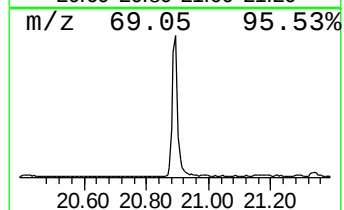
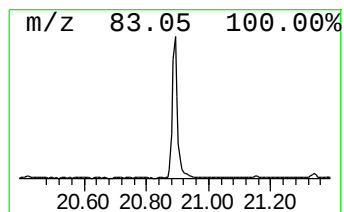
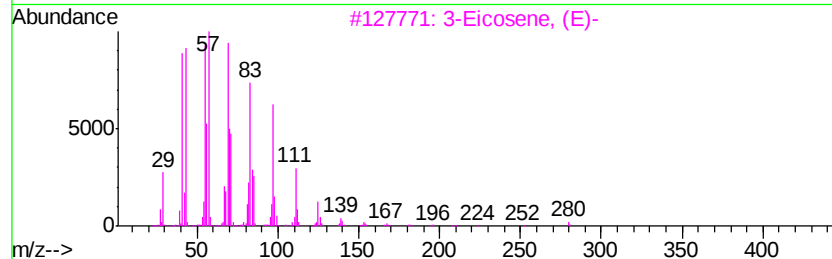
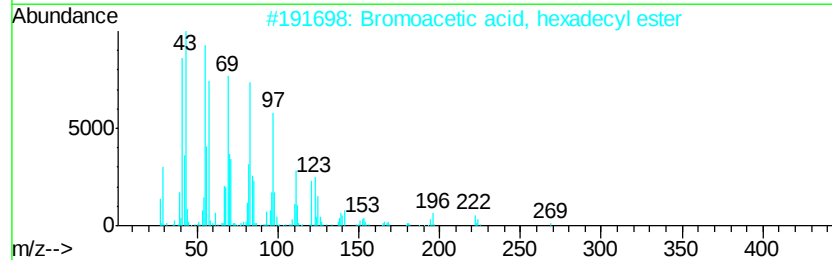
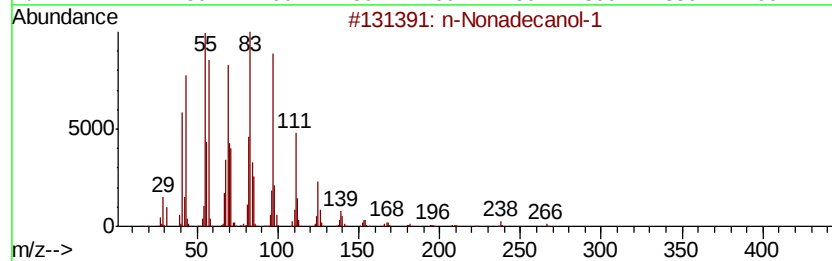
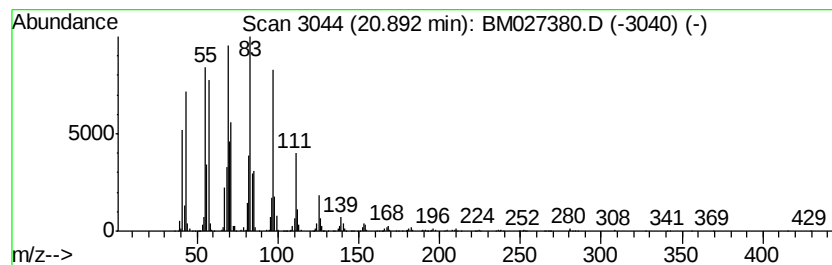
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Nonadecanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	8.12 ng/ul	1343340	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		1-Hexadecanol	242	C16H34O	036653-82-4	90



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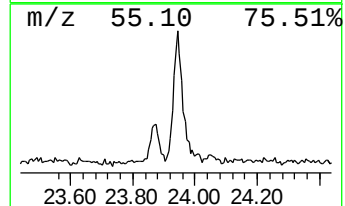
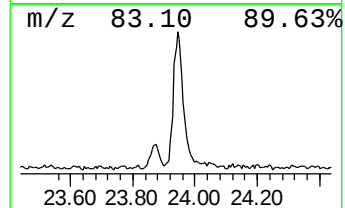
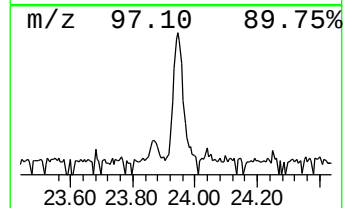
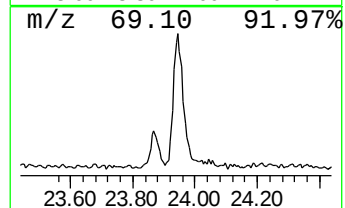
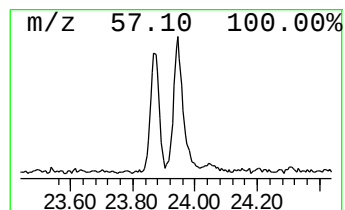
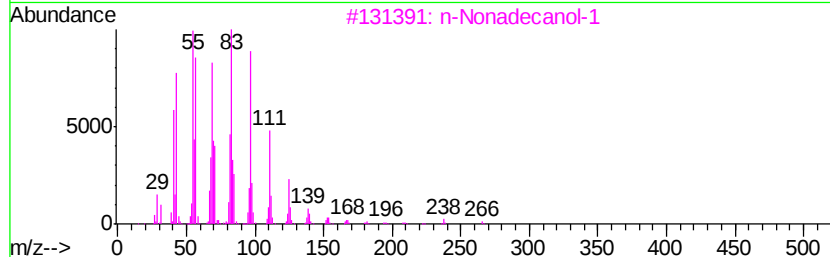
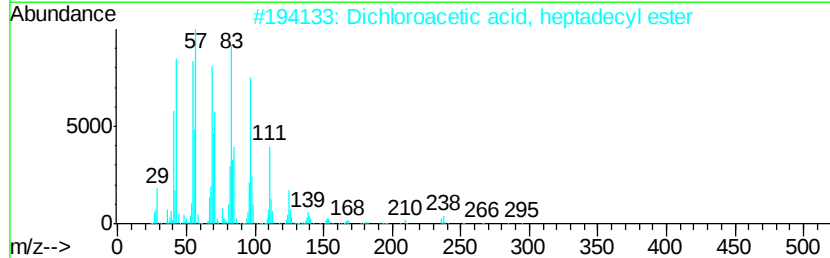
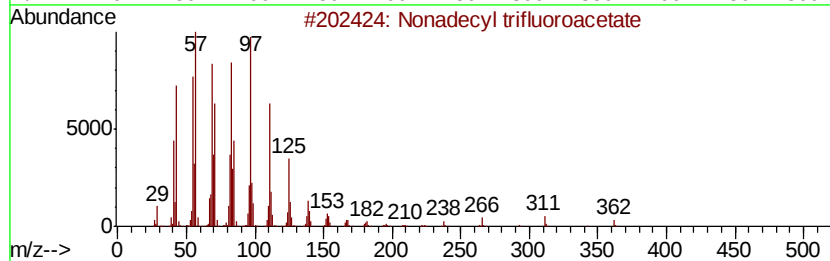
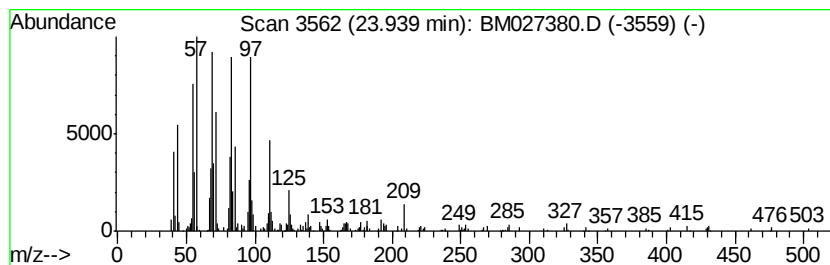
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Nonadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.94 ng/ul	378004	Perylene-d12	23.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	94
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	90
4		Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	87
5		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	83



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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	17.88	7.8	ng/ul	1077740	4	16.96	2765540	20.0
Octadecanoic acid	19.17	3.9	ng/ul	639638	5	21.15	3307750	20.0
n-Nonadecanol-1	20.89	8.1	ng/ul	1343340	5	21.15	3307750	20.0
Nonadecyl trifluo...	23.94	2.9	ng/ul	378004	6	23.32	2567810	20.0