

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
 Data File : BP020081.D
 Acq On : 22 Apr 2024 18:09
 Operator : MA/JU
 Sample : P2104-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AD0

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % 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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP020081.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.228	21	24	35	rVB	26987	44235	1.39%	0.137%
2	3.505	68	71	80	rVB2	14528	26664	0.84%	0.083%
3	3.628	89	92	116	rVB	243757	410407	12.93%	1.274%
4	3.928	140	143	147	rVB3	6141	7606	0.24%	0.024%
5	6.705	608	615	616	rBV6	2829	4655	0.15%	0.014%
6	6.822	628	635	656	rBV	420815	768110	24.20%	2.385%
7	6.987	656	663	684	rVB	334705	575096	18.12%	1.786%
8	7.175	687	695	710	rBV	430274	738776	23.28%	2.294%
9	7.634	764	773	783	rBV	428048	718253	22.63%	2.230%
10	8.346	886	894	911	rBV	468399	876647	27.62%	2.722%
11	8.793	962	970	987	rBV	390514	765935	24.13%	2.378%
12	8.958	992	998	1005	rVB10	5347	12328	0.39%	0.038%
13	9.152	1024	1031	1037	rVB7	4775	10100	0.32%	0.031%
14	9.381	1063	1070	1074	rBV10	4313	9532	0.30%	0.030%
15	9.510	1084	1092	1103	rBV	351402	648867	20.44%	2.015%
16	10.046	1172	1183	1212	rBV	458787	947507	29.85%	2.942%
17	10.263	1215	1220	1225	rBV9	4225	9132	0.29%	0.028%
18	10.416	1238	1246	1257	rBV	523951	940060	29.62%	2.919%
19	10.569	1265	1272	1292	rBV	408504	889941	28.04%	2.763%
20	11.210	1375	1381	1387	rBV6	6293	16899	0.53%	0.052%
21	12.034	1514	1521	1526	rBV3	5094	11384	0.36%	0.035%
22	13.116	1700	1705	1707	rBV4	2933	4295	0.14%	0.013%
23	13.187	1713	1717	1723	rBV4	9930	15909	0.50%	0.049%
24	13.269	1727	1731	1735	rBV7	2184	4518	0.14%	0.014%
25	13.728	1801	1809	1825	rBV	797562	1327310	41.82%	4.121%
26	14.004	1847	1856	1869	rBV	1011362	1611579	50.77%	5.004%
27	14.316	1901	1909	1920	rBV	750964	1231973	38.81%	3.825%
28	14.534	1939	1946	1947	rBV2	27187	34249	1.08%	0.106%
29	14.581	1947	1954	1979	rVV	213688	698256	22.00%	2.168%
30	14.769	1982	1986	1997	rVB10	11699	30519	0.96%	0.095%
31	15.204	2055	2060	2064	rVB7	3720	5783	0.18%	0.018%
32	15.345	2077	2084	2095	rBV	1275792	1981267	62.42%	6.152%
33	15.498	2102	2110	2120	rBV	192830	358406	11.29%	1.113%
34	15.593	2123	2126	2130	rVB6	5802	10707	0.34%	0.033%
35	15.934	2180	2184	2185	rBV4	2527	3322	0.10%	0.010%
36	16.157	2218	2222	2229	rVB8	5167	7794	0.25%	0.024%

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37	16.275	2240	2242	2249	rBV8	2310	5947	0.19%	0.018%
38	16.569	2288	2292	2295	rBV6	5953	7435	0.23%	0.023%
39	16.681	2307	2311	2320	rBV3	8444	18144	0.57%	0.056%
40	16.798	2327	2331	2333	rBV5	2596	3918	0.12%	0.012%
41	16.822	2333	2335	2339	rVB5	3196	4693	0.15%	0.015%
42	16.934	2350	2354	2355	rBV4	3415	3817	0.12%	0.012%
43	17.104	2380	2383	2386	rVB5	3657	4987	0.16%	0.015%
44	17.163	2386	2393	2404	rBV	950105	1498119	47.20%	4.652%
45	17.269	2405	2411	2424	rVV	1392217	2161169	68.09%	6.711%
46	17.375	2426	2429	2431	rBV4	3070	4239	0.13%	0.013%
47	17.492	2443	2449	2456	rBV9	13426	39619	1.25%	0.123%
48	17.587	2460	2465	2473	rVB3	35200	64136	2.02%	0.199%
49	17.881	2513	2515	2522	rVB8	5529	9170	0.29%	0.028%
50	18.128	2552	2557	2567	rBV	318782	498827	15.72%	1.549%
51	18.575	2629	2633	2638	rVB	43658	57918	1.82%	0.180%
52	19.028	2708	2710	2713	rBV4	6637	8144	0.26%	0.025%
53	19.216	2739	2742	2749	rBV4	18212	28770	0.91%	0.089%
54	19.475	2782	2786	2796	rBV2	125323	231858	7.30%	0.720%
55	19.669	2814	2819	2831	rVB	1771555	2636164	83.05%	8.186%
56	20.680	2983	2991	3003	rBV	2193373	3174076	100.00%	9.856%
57	21.339	3099	3103	3111	rVB	301641	425439	13.40%	1.321%
58	21.663	3152	3158	3167	rBV	871649	1539607	48.51%	4.781%
59	24.827	3688	3696	3714	rVB2	900168	2509969	79.08%	7.794%
60	25.063	3728	3736	3747	rVB	548145	1510979	47.60%	4.692%

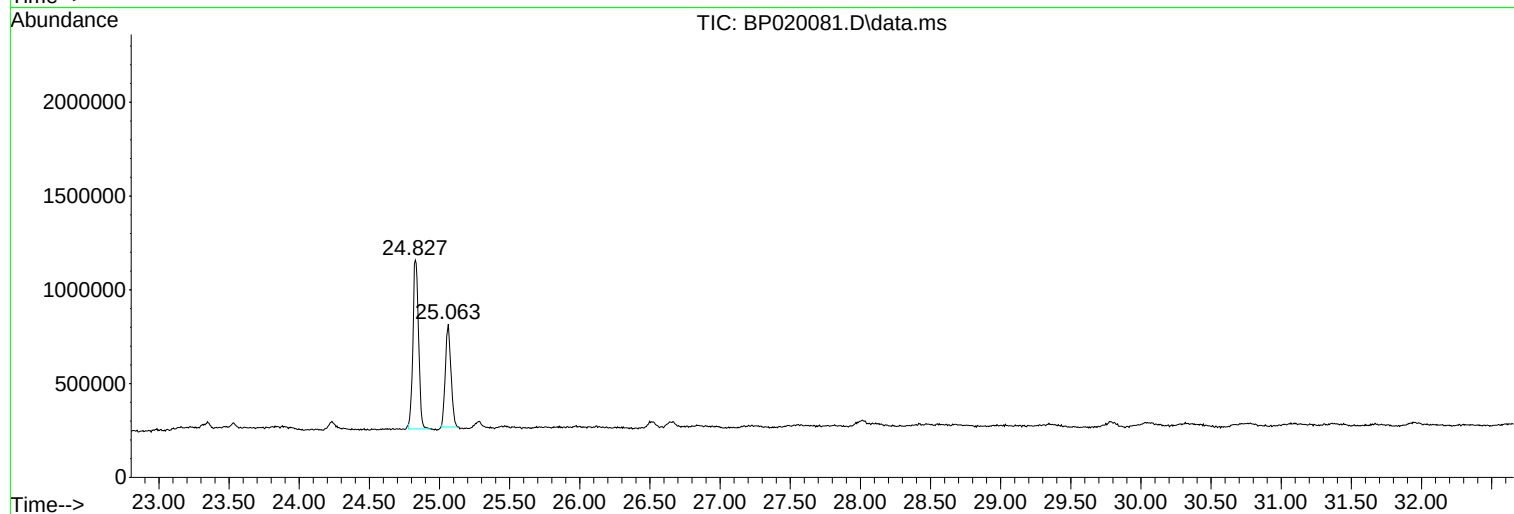
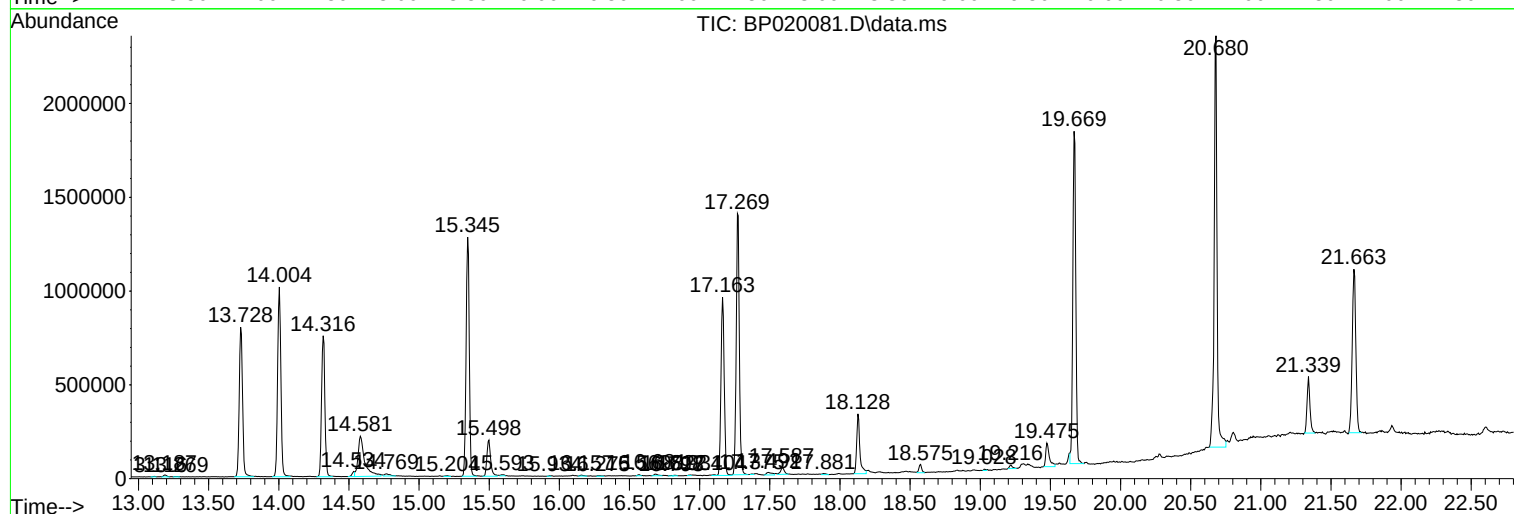
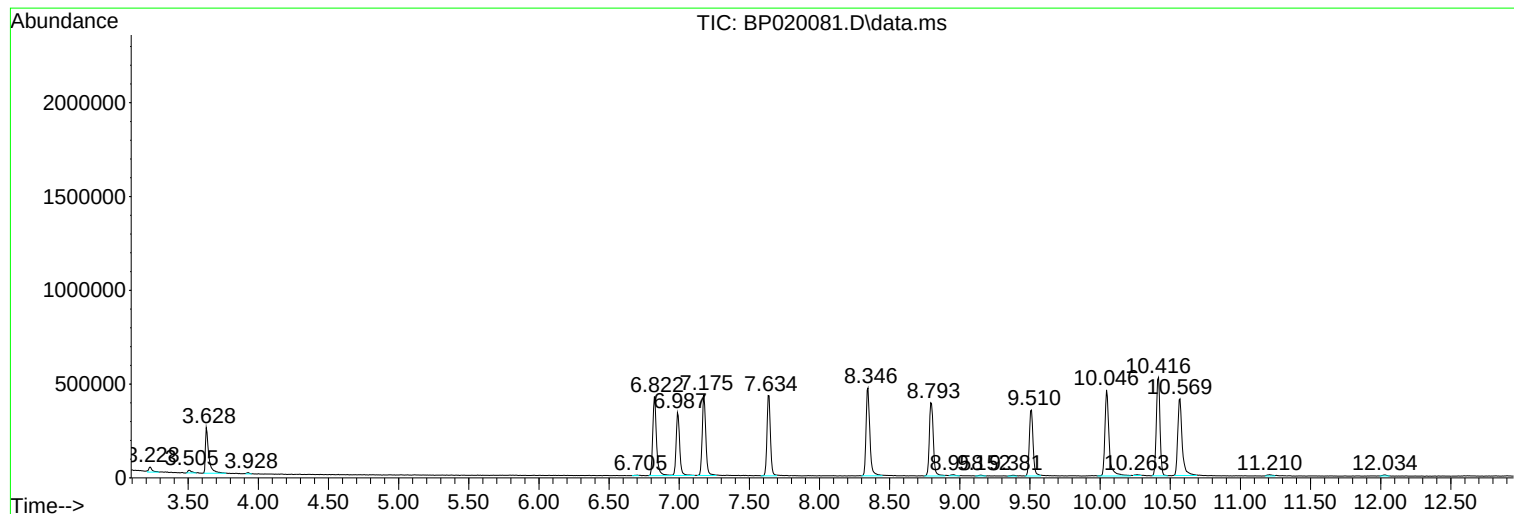
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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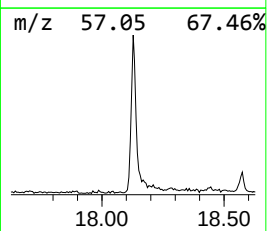
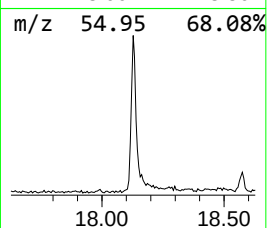
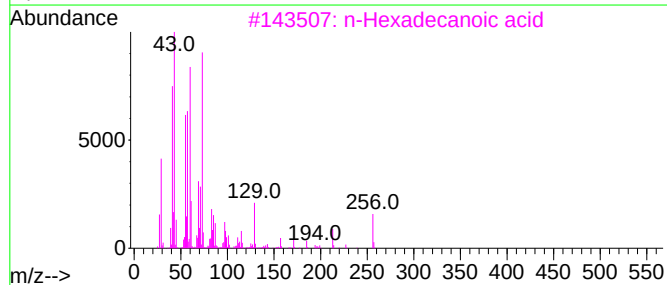
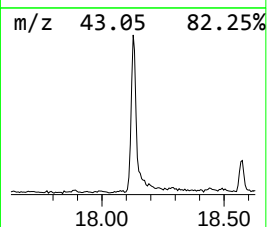
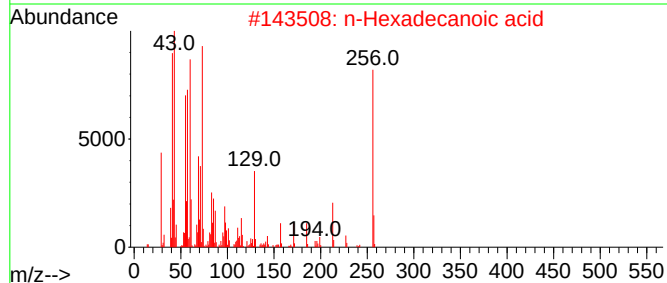
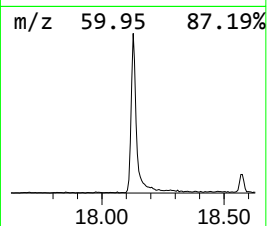
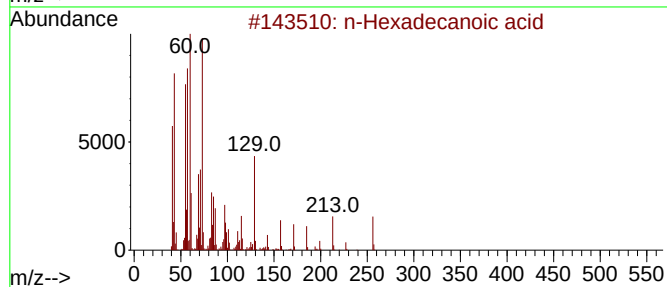
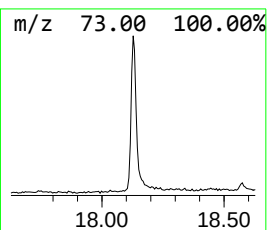
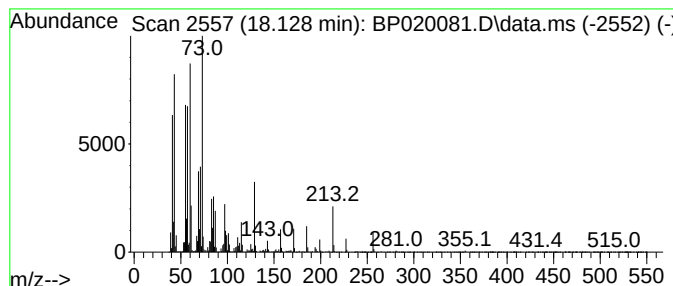
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.128	6.66 ng/ul	498827	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4			Tridecanoic acid	214	C13H26O2	000638-53-9	95
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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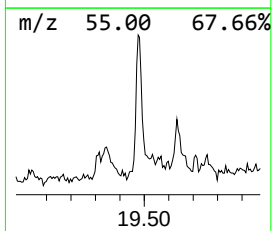
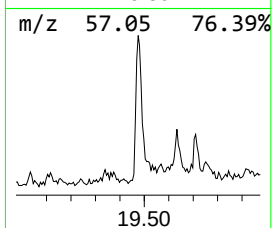
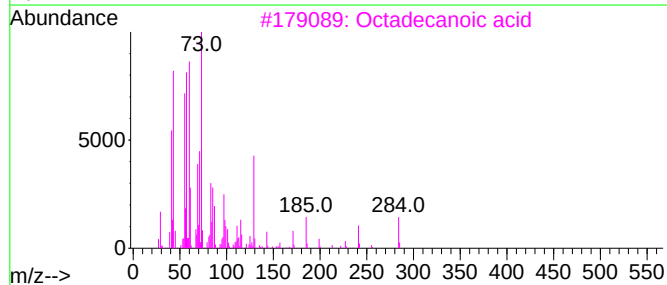
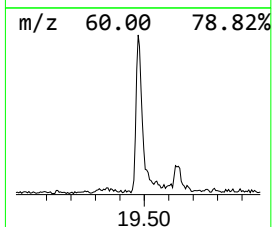
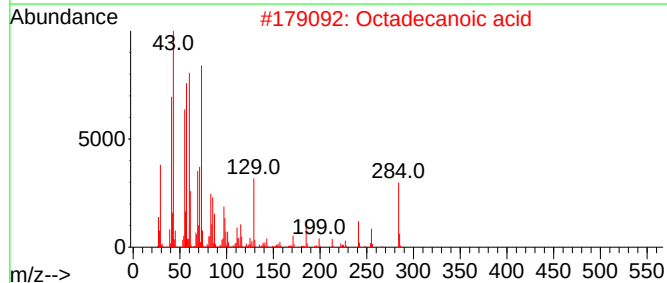
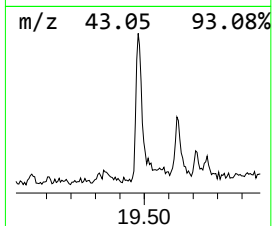
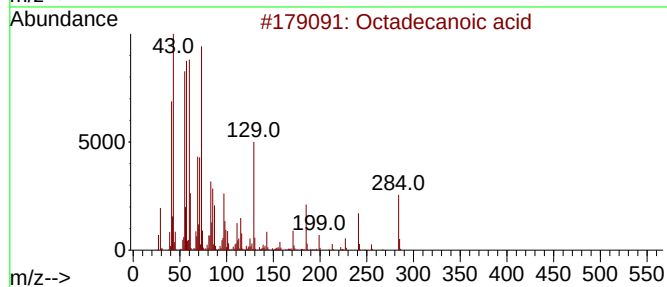
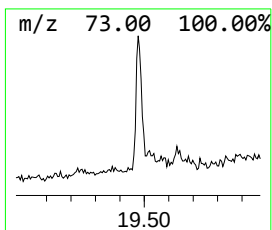
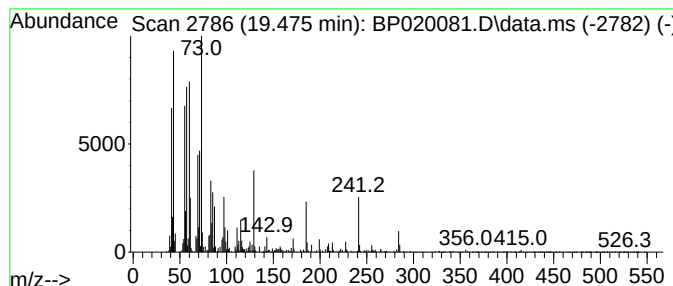
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.475	3.01 ng/ul	231858	Chrysene-d12	21.663

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	90
2			Octadecanoic acid	284	C18H36O2	000057-11-4	90
3			Octadecanoic acid	284	C18H36O2	000057-11-4	83
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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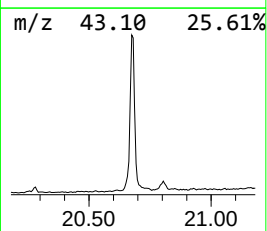
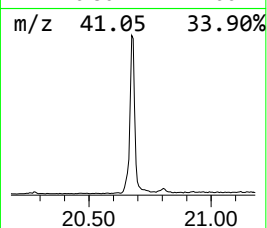
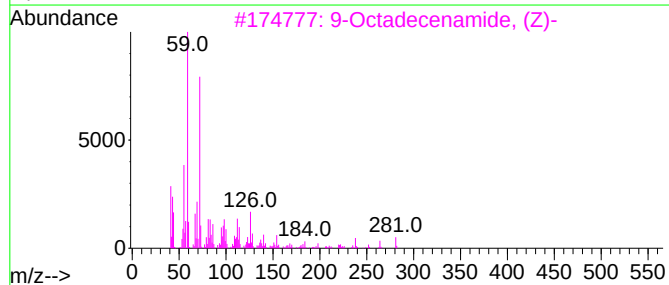
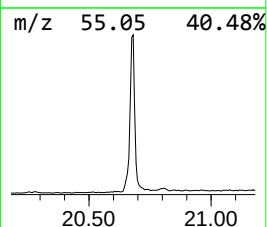
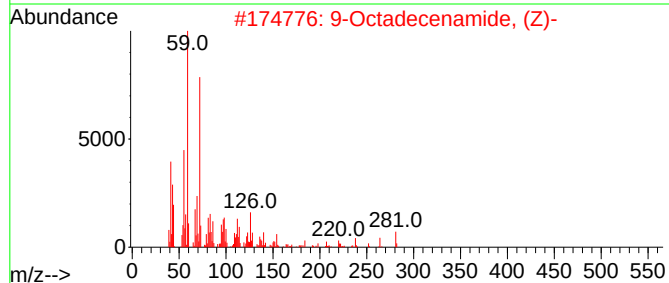
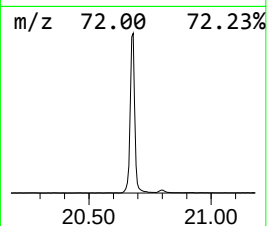
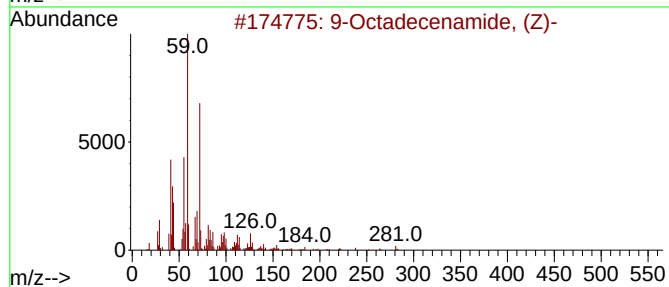
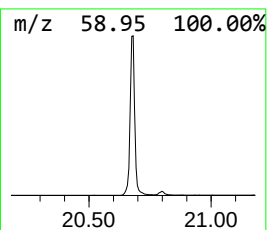
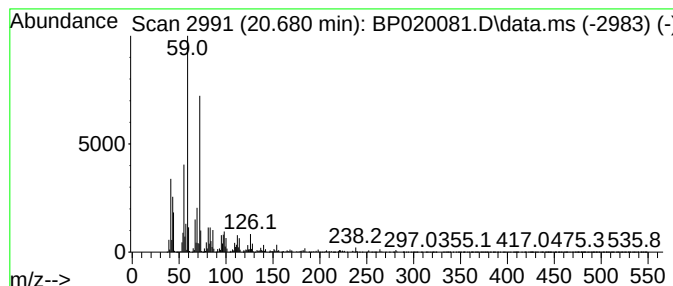
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.680	41.23 ng/ul	3174080	Chrysene-d12	21.663

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
3			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70
4			Octadecanamide	283	C18H37NO	000124-26-5	59
5			Octanamide	143	C8H17NO	000629-01-6	59



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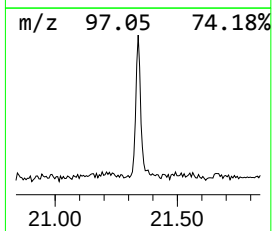
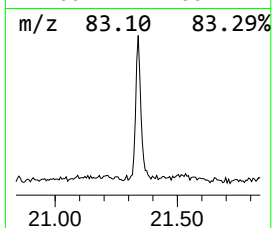
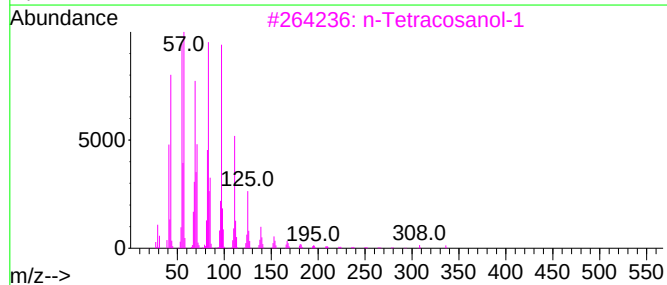
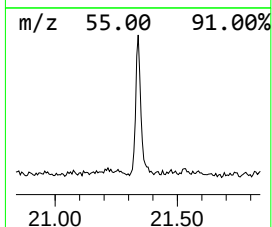
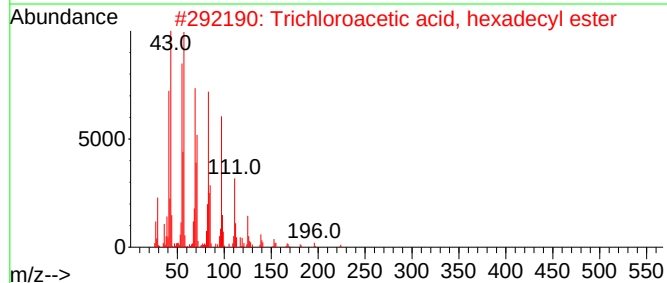
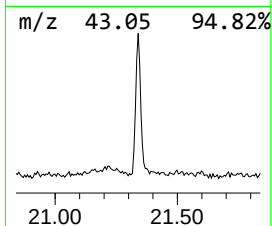
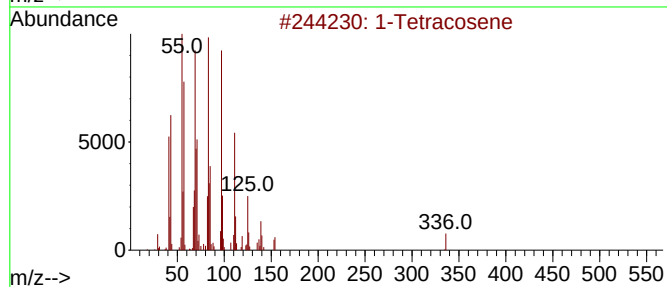
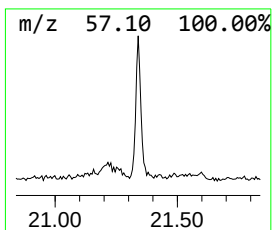
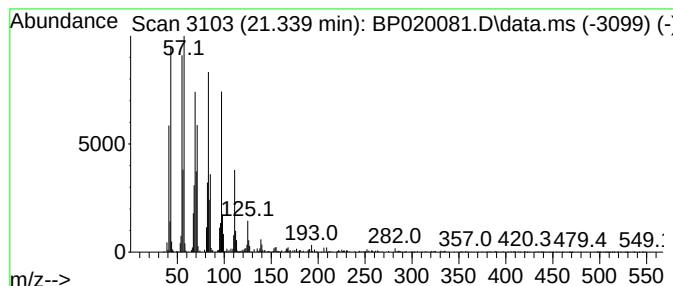
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	5.53 ng/ul	425439	Chrysene-d12	21.663

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene		336	C24H48	010192-32-2	97
2	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	94
3	n-Tetracosanol-1		354	C24H50O	000506-51-4	91
4	1-Heneicosanol		312	C21H44O	015594-90-8	91
5	Nonacos-1-ene		406	C29H58	018835-35-3	91



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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.128	6.7	ng/ul	498827	4	17.163	1498120	20.0
Octadecanoic acid	19.475	3.0	ng/ul	231858	5	21.663	1539610	20.0
9-Octadecenamid...	20.680	41.2	ng/ul	3174080	5	21.663	1539610	20.0
(DEL) Alkane: S...	21.339	5.5	ng/ul	425439	5	21.663	1539610	20.0