

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017865.D
 Acq On : 01 Nov 2023 23:59
 Operator : MA/JU
 Sample : 04944-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A49F3

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-BP101823.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP017865.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.276	28	32	42	rVB2	17979	40368	1.28%	0.120%
2	3.717	103	107	117	rBV	54703	131934	4.20%	0.391%
3	3.887	130	136	149	rVB2	19198	51654	1.64%	0.153%
4	4.005	152	156	161	rVB6	6679	12741	0.41%	0.038%
5	4.505	236	241	244	rBV7	2757	5556	0.18%	0.016%
6	4.934	309	314	317	rBV4	7909	13768	0.44%	0.041%
7	7.046	667	673	684	rBV	100182	198064	6.30%	0.588%
8	7.222	697	703	714	rBV	522780	859901	27.34%	2.551%
9	7.399	727	733	745	rBV	502468	852711	27.11%	2.530%
10	7.493	745	749	756	rVV	14894	26850	0.85%	0.080%
11	7.875	807	814	824	rBV	536146	876765	27.88%	2.601%
12	8.605	931	938	955	rBV	305665	565252	17.97%	1.677%
13	9.087	1012	1020	1033	rBV	641690	1100708	35.00%	3.266%
14	9.263	1047	1050	1055	rVB4	6946	11620	0.37%	0.034%
15	9.799	1134	1141	1154	rBV	535752	895346	28.47%	2.657%
16	9.916	1159	1161	1168	rVB8	2292	4235	0.13%	0.013%
17	10.328	1224	1231	1255	rBV	636588	1197692	38.08%	3.554%
18	10.705	1287	1295	1312	rVB	656794	1115678	35.48%	3.310%
19	10.881	1318	1325	1341	rBV	375054	756150	24.04%	2.244%
20	11.499	1424	1430	1434	rBV9	6483	14301	0.45%	0.042%
21	11.763	1473	1475	1482	rVB7	3094	4792	0.15%	0.014%
22	12.310	1563	1568	1580	rVB2	12859	27352	0.87%	0.081%
23	12.422	1580	1587	1589	rBV8	3342	7561	0.24%	0.022%
24	12.810	1648	1653	1657	rBV7	3342	6434	0.20%	0.019%
25	12.881	1661	1665	1671	rVB9	2964	5796	0.18%	0.017%
26	13.128	1705	1707	1712	rBV6	3117	4251	0.14%	0.013%
27	13.316	1734	1739	1742	rBV5	7012	8852	0.28%	0.026%
28	13.410	1748	1755	1760	rBV	23020	37394	1.19%	0.111%
29	13.757	1810	1814	1817	rBV4	5650	8773	0.28%	0.026%
30	13.993	1847	1854	1864	rBV	1383741	1821756	57.93%	5.405%
31	14.269	1895	1901	1914	rBV	1437177	2103675	66.89%	6.242%
32	14.393	1920	1922	1928	rVB6	2724	3649	0.12%	0.011%
33	14.493	1935	1939	1942	rVB6	2084	3621	0.12%	0.011%
34	14.575	1947	1953	1964	rVB	891562	1312132	41.72%	3.893%
35	14.775	1986	1987	1991	rVB4	3124	3300	0.10%	0.010%
36	14.863	1996	2002	2013	rVV5	20614	69686	2.22%	0.207%

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37	14.969	2016	2020	2027	rVB9	7171	14554	0.46%	0.043%
38	15.087	2038	2040	2043	rVB4	3575	3603	0.11%	0.011%
39	15.363	2084	2087	2088	rBV3	2867	3215	0.10%	0.010%
40	15.581	2117	2124	2141	rBV	1856577	2606174	82.87%	7.733%

41	15.728	2143	2149	2161	rVV	486029	711260	22.62%	2.110%
42	15.822	2161	2165	2174	rVB6	11146	20628	0.66%	0.061%
43	15.928	2181	2183	2186	rBV4	2467	3257	0.10%	0.010%
44	16.304	2245	2247	2253	rBV7	3182	5958	0.19%	0.018%
45	16.428	2264	2268	2271	rBV6	3408	5416	0.17%	0.016%

46	16.516	2279	2283	2288	rVB8	2871	4542	0.14%	0.013%
47	16.592	2291	2296	2297	rBV4	4128	5789	0.18%	0.017%
48	16.716	2312	2317	2325	rBV5	15612	23612	0.75%	0.070%
49	16.857	2336	2341	2347	rBV9	3365	7600	0.24%	0.023%
50	17.040	2368	2372	2376	rBV7	3621	6258	0.20%	0.019%

51	17.092	2378	2381	2383	rBV4	2697	3578	0.11%	0.011%
52	17.151	2389	2391	2398	rVB8	5303	7086	0.23%	0.021%
53	17.222	2399	2403	2404	rBV4	2981	3209	0.10%	0.010%
54	17.281	2410	2413	2416	rVB5	5059	5718	0.18%	0.017%
55	17.363	2421	2427	2437	rBV	1028653	1478564	47.01%	4.387%

56	17.469	2438	2445	2458	rVV	1912367	2733238	86.91%	8.110%
57	17.792	2498	2500	2505	rVB5	4904	6486	0.21%	0.019%
58	17.863	2508	2512	2516	rVV6	4599	6881	0.22%	0.020%
59	17.992	2530	2534	2538	rVB2	19925	26301	0.84%	0.078%
60	18.098	2547	2552	2561	rBV7	21000	40726	1.29%	0.121%

61	18.222	2567	2573	2584	rBV	332501	495275	15.75%	1.470%
62	18.757	2662	2664	2669	rBV5	6795	9181	0.29%	0.027%
63	18.869	2681	2683	2688	rVB6	7949	7439	0.24%	0.022%
64	19.292	2752	2755	2758	rBV3	24482	29159	0.93%	0.087%
65	19.357	2758	2766	2781	rVV2	640616	1005248	31.96%	2.983%

66	19.469	2781	2785	2799	rVB3	124205	214303	6.81%	0.636%
67	19.604	2805	2808	2812	rVB	29619	27985	0.89%	0.083%
68	19.728	2823	2829	2838	rBV	2489030	3144920	100.00%	9.331%
69	21.180	3071	3076	3086	rBV2	210782	421516	13.40%	1.251%
70	21.510	3127	3132	3140	rBV	1132123	1467327	46.66%	4.354%

71	22.757	3339	3344	3351	rVB	391021	546608	17.38%	1.622%
72	23.898	3530	3538	3547	rBV2	1395938	2952723	93.89%	8.761%
73	24.063	3560	3566	3577	rVB	700904	1486741	47.27%	4.411%

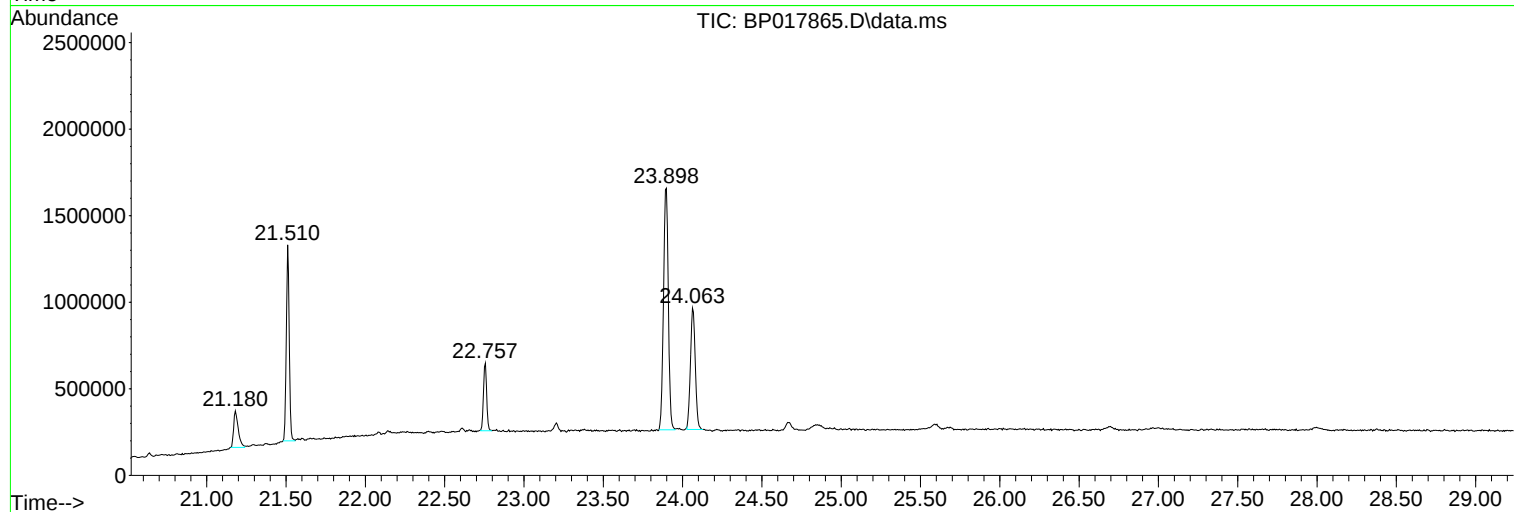
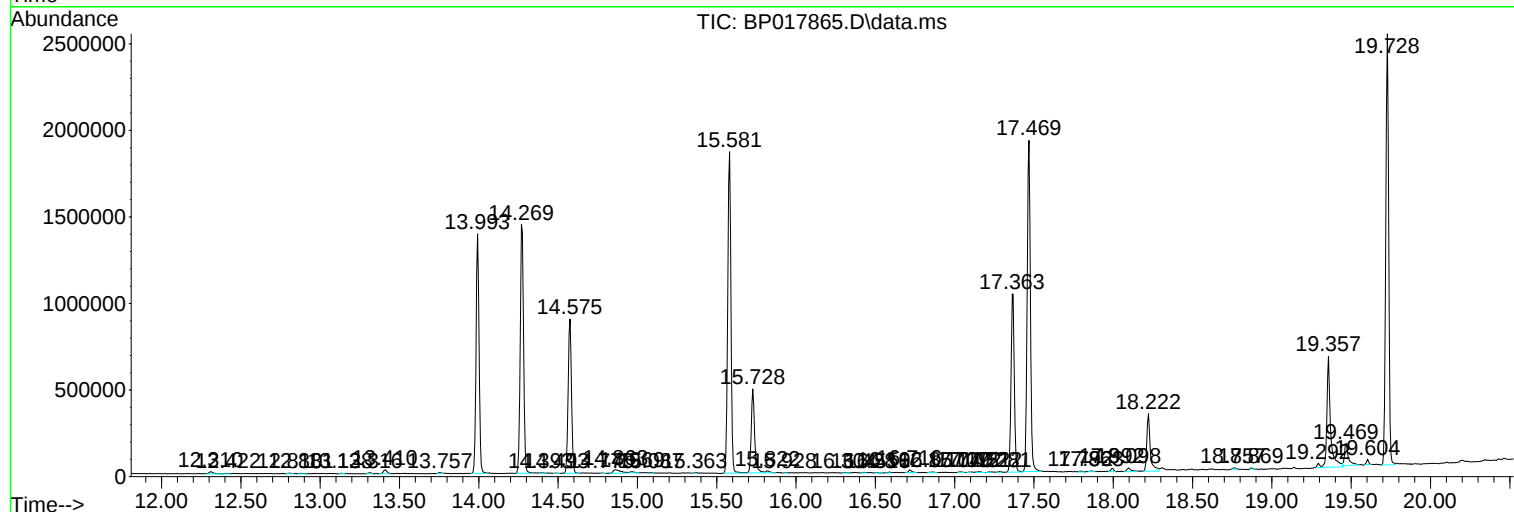
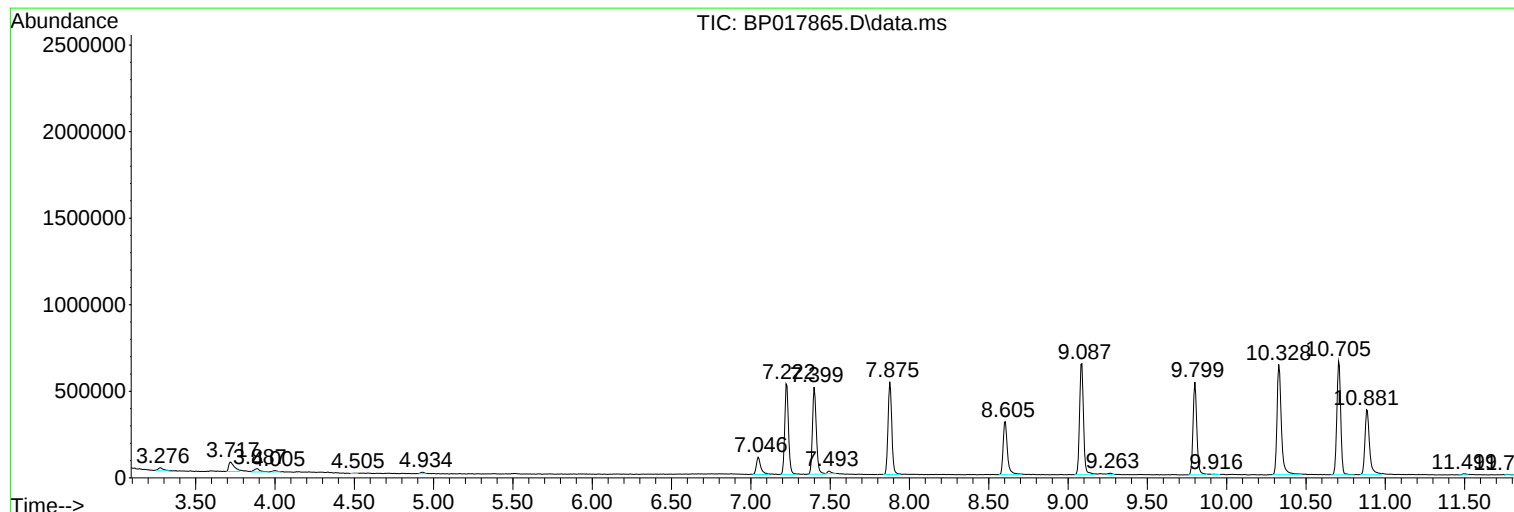
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

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



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Operator : MA/JU
Sample : 04944-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
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A49F3

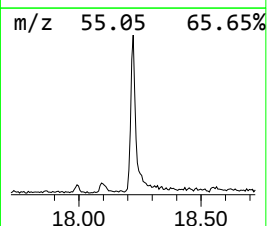
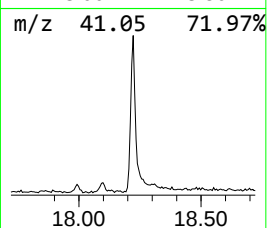
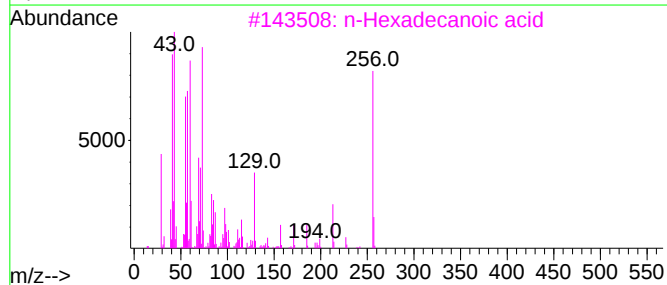
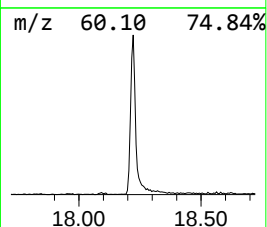
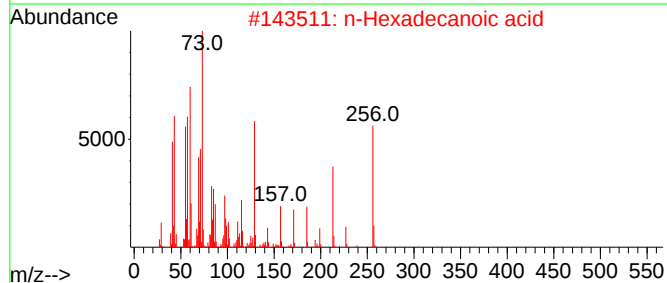
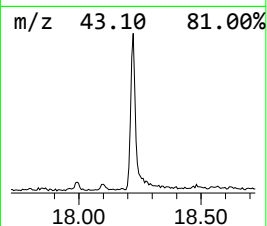
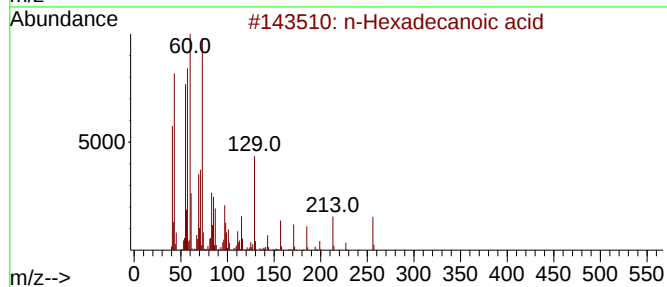
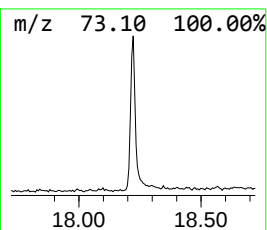
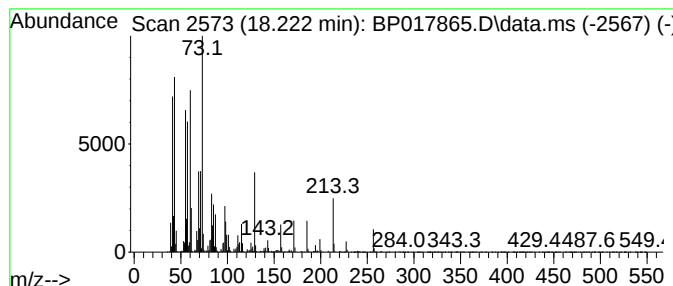
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	6.70 ng/ul	495275	Phenanthrene-d10	17.369

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	99
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	93



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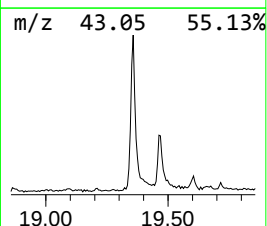
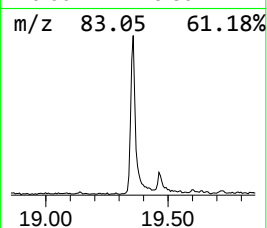
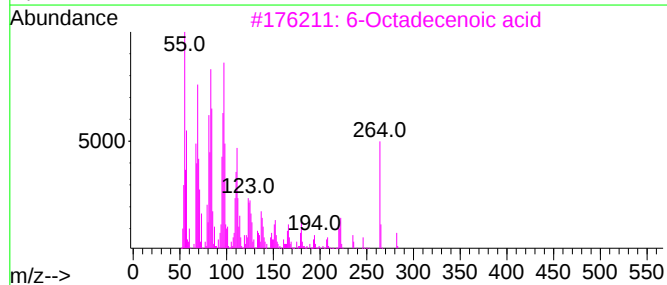
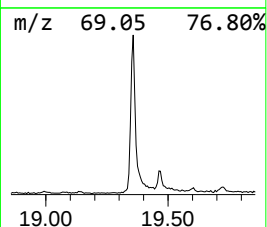
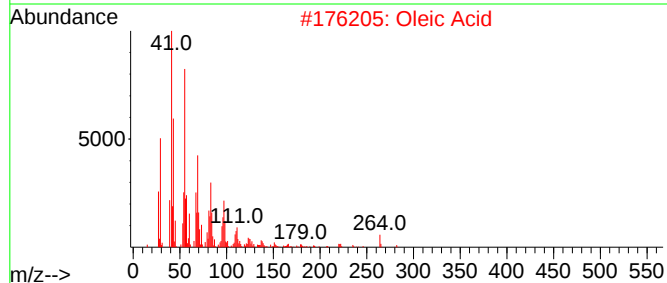
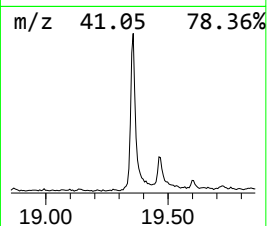
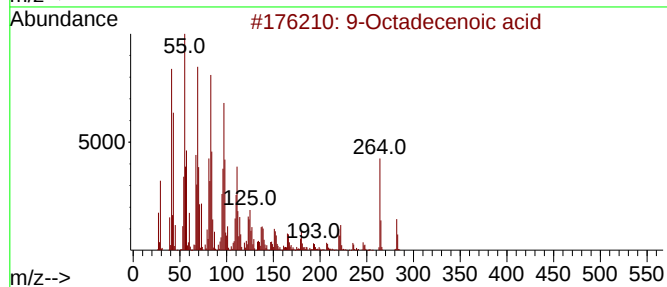
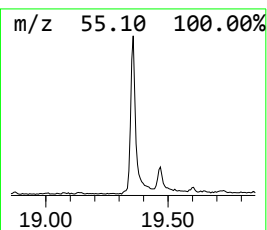
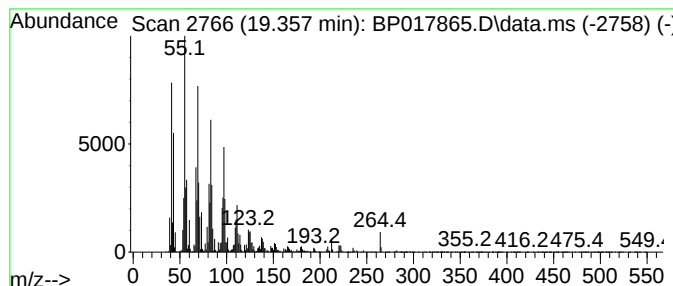
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9-Octadecenoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.357	13.60 ng/ul	1005250	Phenanthrene-d10	17.369

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid	282	C18H34O2	002027-47-6	99
2			Oleic Acid	282	C18H34O2	000112-80-1	99
3			6-Octadecenoic acid	282	C18H34O2	1000336-66-8	96
4			(Z)-4-Decen-1-ol, chlorodifluoro...	268	C12H19ClF2O2	1000447-45-6	90
5			cis-Vaccenic acid	282	C18H34O2	000506-17-2	89



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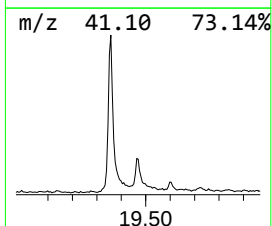
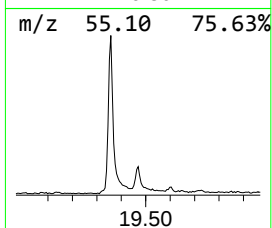
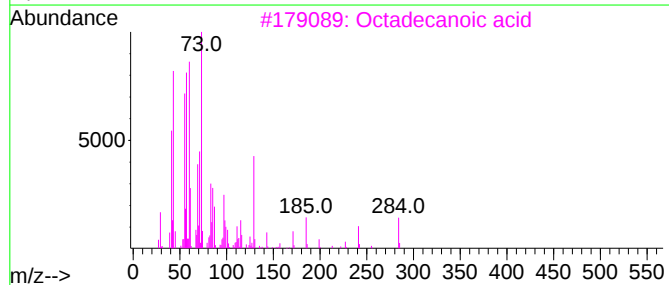
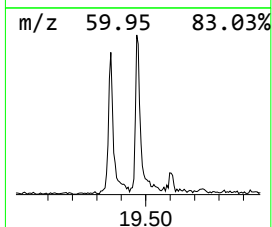
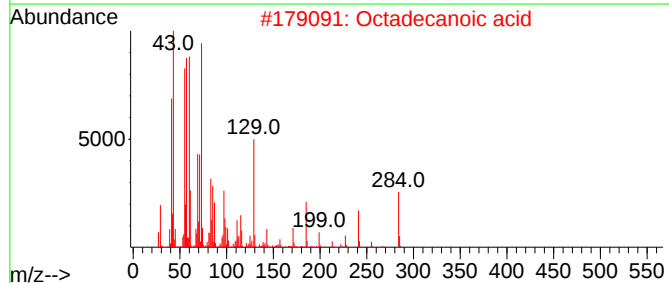
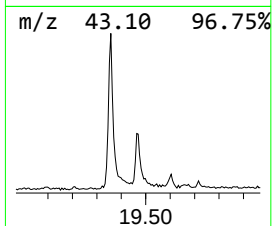
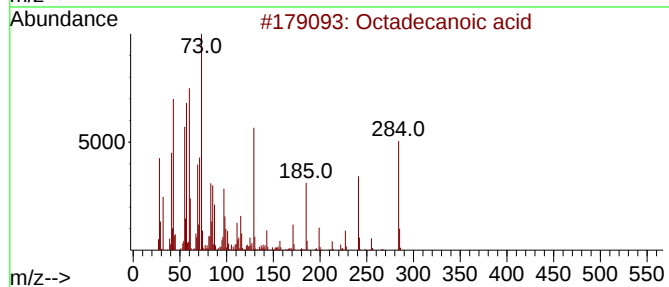
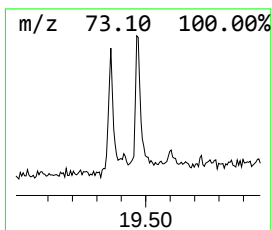
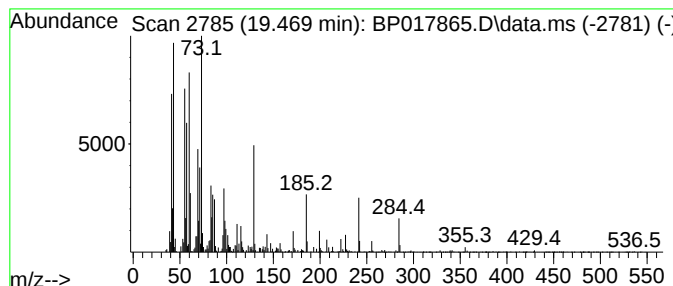
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.469	2.92 ng/ul	214303	Chrysene-d12	21.510	
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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91



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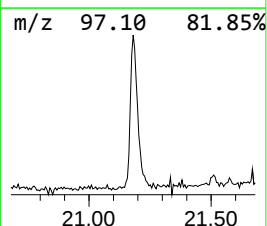
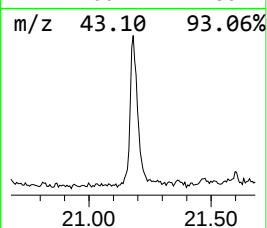
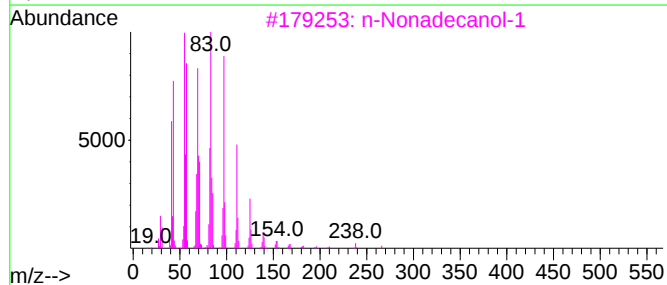
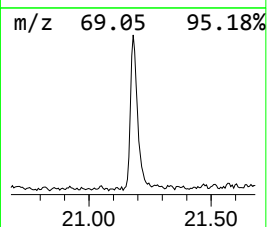
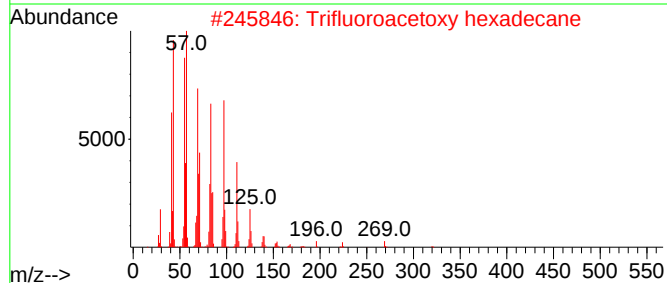
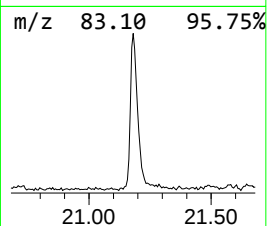
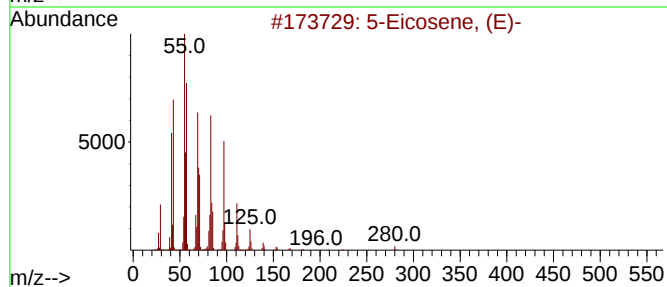
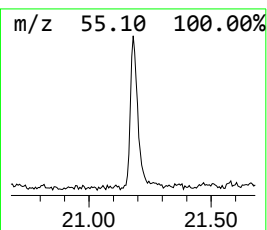
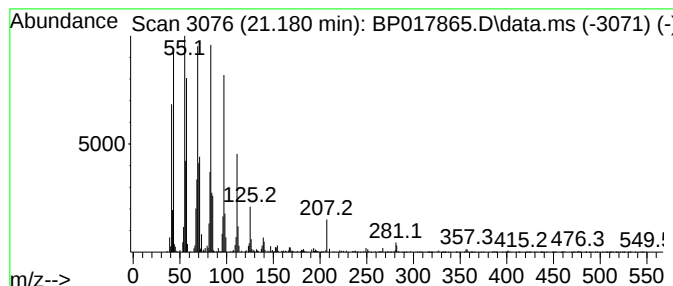
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.180	5.75 ng/ul	421516	Chrysene-d12		21.510	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	99
2	Trifluoroacetoxy hexadecane		338	C18H33F3O2	006222-03-3	94
3	n-Nonadecanol-1		284	C19H40O	001454-84-8	94
4	Behenic alcohol		326	C22H46O	000661-19-8	94
5	1-Heneicosyl formate		340	C22H44O2	077899-03-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017865.D
Acq On : 01 Nov 2023 23:59
Operator : MA/JU
Sample : 04944-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A49F3

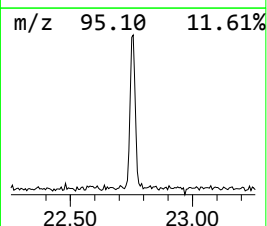
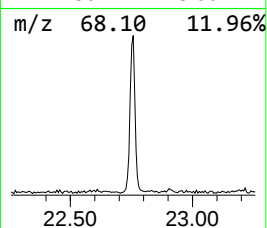
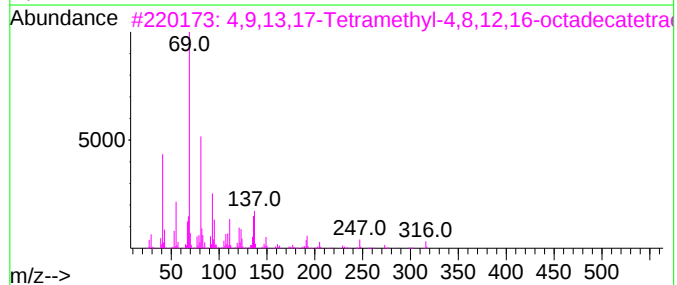
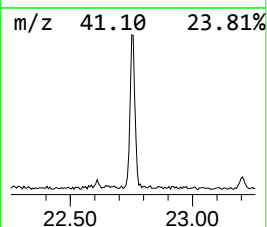
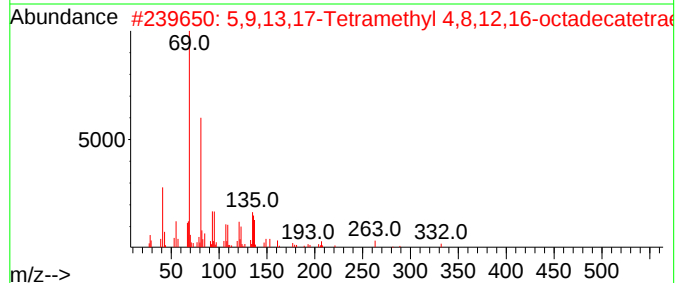
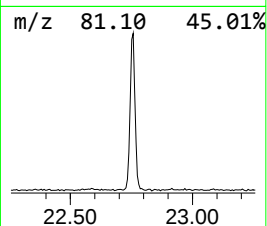
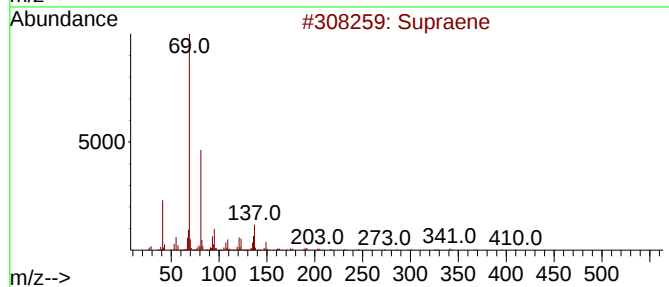
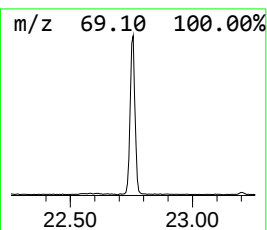
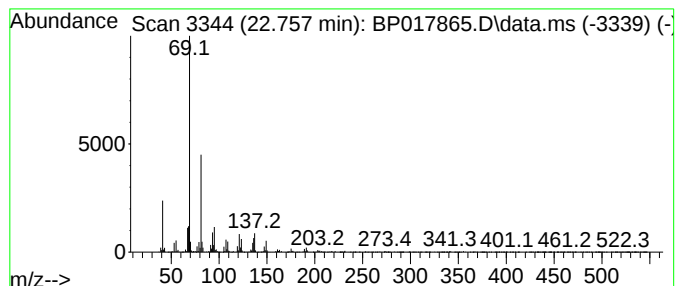
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.757	7.45 ng/ul	546608	Chrysene-d12	21.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			5,9,13,17-Tetramethyl 4,8,12,16-...	332	C22H36O2	1000432-37-9	83
3			4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
4			Squalene	410	C30H50	000111-02-4	83
5			2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017865.D
Acq On : 01 Nov 2023 23:59
Operator : MA/JU
Sample : 04944-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A49F3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.222	6.7	ng/ul	495275	4	17.369	1478560	20.0
9-Octadecenoic ...	19.357	13.6	ng/ul	1005250	4	17.369	1478560	20.0
Octadecanoic acid	19.469	2.9	ng/ul	214303	5	21.510	1467330	20.0
(DEL) Alkane: S...	21.180	5.8	ng/ul	421516	5	21.510	1467330	20.0
Supraene	22.757	7.5	ng/ul	546608	5	21.510	1467330	20.0