

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018335.D
 Acq On : 24 Nov 2023 19:34
 Operator : MA/JU
 Sample : 05264-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKS5

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-BP112223.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP018335.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.275	28	32	39	rVB	72047	100873	1.41%	0.133%
2	3.558	78	80	85	rBV5	8662	15096	0.21%	0.020%
3	3.693	98	103	113	rBV	383423	580378	8.14%	0.763%
4	3.811	120	123	128	rBV3	17887	24161	0.34%	0.032%
5	3.934	141	144	152	rVB2	22560	35306	0.50%	0.046%
6	4.028	157	160	167	rVB2	25167	36878	0.52%	0.049%
7	4.258	197	199	204	rVB5	16205	21635	0.30%	0.028%
8	4.681	267	271	276	rVB7	7573	11249	0.16%	0.015%
9	5.675	435	440	443	rBV7	6724	9571	0.13%	0.013%
10	5.952	482	487	491	rVB8	5060	8207	0.12%	0.011%
11	6.557	583	590	594	rBV4	12836	19401	0.27%	0.026%
12	6.857	632	641	642	rBV8	11978	30840	0.43%	0.041%
13	7.028	664	670	680	rVB	296461	468101	6.57%	0.616%
14	7.205	693	700	712	rVB	1239721	1902753	26.69%	2.503%
15	7.399	724	733	741	rVV	1106743	1697371	23.81%	2.233%
16	7.475	741	746	754	rVB	38174	71731	1.01%	0.094%
17	7.869	805	813	819	rBV	1397204	2160942	30.31%	2.843%
18	7.940	822	825	829	rVB5	9215	12093	0.17%	0.016%
19	8.375	893	899	905	rBV4	40907	64407	0.90%	0.085%
20	8.575	926	933	943	rVV	834792	1281325	17.97%	1.685%
21	9.028	1003	1010	1022	rVB	1278967	2044458	28.68%	2.689%
22	9.140	1027	1029	1035	rVB7	9498	15922	0.22%	0.021%
23	9.216	1035	1042	1046	rBV10	9015	26027	0.37%	0.034%
24	9.328	1057	1061	1065	rBV4	9607	16451	0.23%	0.022%
25	9.469	1074	1085	1096	rVB	76200	163338	2.29%	0.215%
26	9.699	1117	1124	1125	rBV6	7520	12814	0.18%	0.017%
27	9.751	1125	1133	1145	rVV	784530	1289959	18.09%	1.697%
28	9.975	1167	1171	1179	rVB	10846	23447	0.33%	0.031%
29	10.087	1185	1190	1193	rVB6	7237	14110	0.20%	0.019%
30	10.287	1216	1224	1233	rBV	1516272	2486935	34.88%	3.271%
31	10.351	1233	1235	1243	rVV9	12386	25654	0.36%	0.034%
32	10.451	1249	1252	1257	rVB7	7150	11854	0.17%	0.016%
33	10.540	1262	1267	1271	rVB8	13414	21644	0.30%	0.028%
34	10.616	1275	1280	1282	rBV5	8659	14041	0.20%	0.018%
35	10.669	1282	1289	1298	rVB	1810883	2931066	41.11%	3.856%
36	10.734	1298	1300	1304	rVB5	8383	8211	0.12%	0.011%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Title : SVOA CALIBRATION

37	10.804	1304	1312	1322	rBV	1146341	1934464	27.14%	2.545%
38	11.063	1353	1356	1362	rVB8	6562	12167	0.17%	0.016%
39	11.916	1497	1501	1505	rBV3	9690	17381	0.24%	0.023%
40	11.969	1505	1510	1516	rVB	65508	102655	1.44%	0.135%
41	12.163	1541	1543	1549	rVB7	7385	8847	0.12%	0.012%
42	12.257	1553	1559	1565	rBV	34077	60353	0.85%	0.079%
43	12.604	1613	1618	1620	rBV6	4919	9160	0.13%	0.012%
44	12.969	1676	1680	1686	rVB9	8120	14865	0.21%	0.020%
45	13.122	1703	1706	1711	rVB7	9759	15540	0.22%	0.020%
46	13.416	1748	1756	1763	rBV	2027265	3104234	43.54%	4.083%
47	13.739	1808	1811	1815	rVB5	10578	10846	0.15%	0.014%
48	13.816	1820	1824	1831	rVB10	10259	21782	0.31%	0.029%
49	13.916	1834	1841	1850	rBV	2751217	3724119	52.24%	4.899%
50	14.192	1880	1888	1895	rBV	3275988	4663825	65.42%	6.135%
51	14.269	1899	1901	1907	rVB7	6443	11036	0.15%	0.015%
52	14.416	1923	1926	1931	rVB7	9285	12358	0.17%	0.016%
53	14.498	1931	1940	1949	rBV	2358322	3421981	48.00%	4.501%
54	14.686	1966	1972	1983	rBV2	119388	263453	3.70%	0.347%
55	14.839	1994	1998	2005	rVB5	31124	49548	0.70%	0.065%
56	14.916	2007	2011	2014	rBV4	32930	42861	0.60%	0.056%
57	15.322	2074	2080	2085	rBV5	14207	26635	0.37%	0.035%
58	15.492	2103	2109	2116	rBV	4070614	5579188	78.26%	7.339%
59	15.598	2122	2127	2137	rVB	502214	719415	10.09%	0.946%
60	15.722	2145	2148	2155	rVB3	25117	41988	0.59%	0.055%
61	15.916	2177	2181	2183	rBV5	7375	11672	0.16%	0.015%
62	16.075	2202	2208	2213	rVB2	21575	37094	0.52%	0.049%
63	16.292	2240	2245	2252	rVB5	15727	33519	0.47%	0.044%
64	16.357	2253	2256	2262	rBV7	14080	21601	0.30%	0.028%
65	16.516	2277	2283	2287	rBV	36860	72769	1.02%	0.096%
66	16.616	2296	2300	2302	rBV3	15969	21274	0.30%	0.028%
67	16.657	2302	2307	2314	rVV	144213	201395	2.83%	0.265%
68	17.016	2363	2368	2372	rBV8	15580	32550	0.46%	0.043%
69	17.075	2374	2378	2382	rVB7	24210	33899	0.48%	0.045%
70	17.128	2382	2387	2394	rBV2	53723	81118	1.14%	0.107%
71	17.251	2399	2408	2413	rBV	2266956	3303116	46.33%	4.345%
72	17.345	2419	2424	2434	rVB	3210343	4685257	65.72%	6.163%
73	17.433	2434	2439	2446	rVV2	117253	159993	2.24%	0.210%
74	17.492	2446	2449	2454	rVB7	11598	15623	0.22%	0.021%
75	17.633	2469	2473	2480	rVB8	26479	49638	0.70%	0.065%
76	17.763	2491	2495	2501	rBV8	22937	33887	0.48%	0.045%

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 Title : SVOA CALIBRATION

77	17.898	2515	2518	2521	rVB5	17267	19983	0.28%	0.026%
78	17.939	2521	2525	2533	rVB	55340	70149	0.98%	0.092%
79	18.022	2535	2539	2548	rBV	232794	356661	5.00%	0.469%
80	18.151	2556	2561	2582	rBV	946951	1464926	20.55%	1.927%
81	18.457	2607	2613	2616	rBV3	61470	111285	1.56%	0.146%
82	18.604	2635	2638	2645	rVB7	27692	53372	0.75%	0.070%
83	18.675	2646	2650	2652	rVV3	35966	52926	0.74%	0.070%
84	18.704	2652	2655	2659	rVB2	58694	72846	1.02%	0.096%
85	18.792	2666	2670	2675	rVB5	41017	53954	0.76%	0.071%
86	18.845	2675	2679	2684	rVB	104054	130076	1.82%	0.171%
87	18.916	2687	2691	2697	rVB	43186	50810	0.71%	0.067%
88	19.004	2699	2706	2710	rBV2	87910	154764	2.17%	0.204%
89	19.039	2710	2712	2714	rVV3	38596	43896	0.62%	0.058%
90	19.074	2714	2718	2722	rVB	248402	283449	3.98%	0.373%
91	19.163	2730	2733	2736	rBV	50422	56258	0.79%	0.074%
92	19.227	2736	2744	2747	rBV3	74680	181374	2.54%	0.239%
93	19.269	2747	2751	2764	rVB4	197232	382202	5.36%	0.503%
94	19.386	2767	2771	2780	rBV2	229471	317370	4.45%	0.417%
95	19.586	2799	2805	2817	rBV	4657455	6118032	85.82%	8.048%
96	21.086	3056	3060	3067	rBV2	221879	326757	4.58%	0.430%
97	21.351	3100	3105	3114	rBV	2824853	3616232	50.73%	4.757%
98	22.686	3328	3332	3339	rVB	331304	477142	6.69%	0.628%
99	23.621	3484	3491	3503	rVB2	3585963	7128984	100.00%	9.378%
100	23.780	3511	3518	3533	rVB	1978053	4176709	58.59%	5.494%

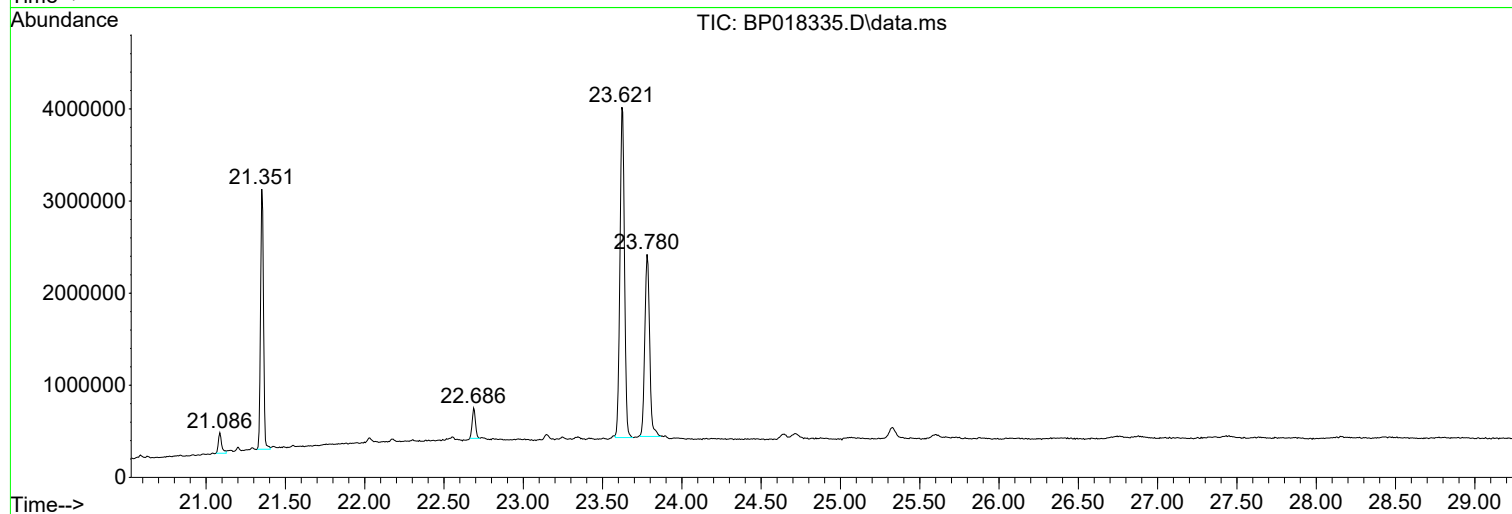
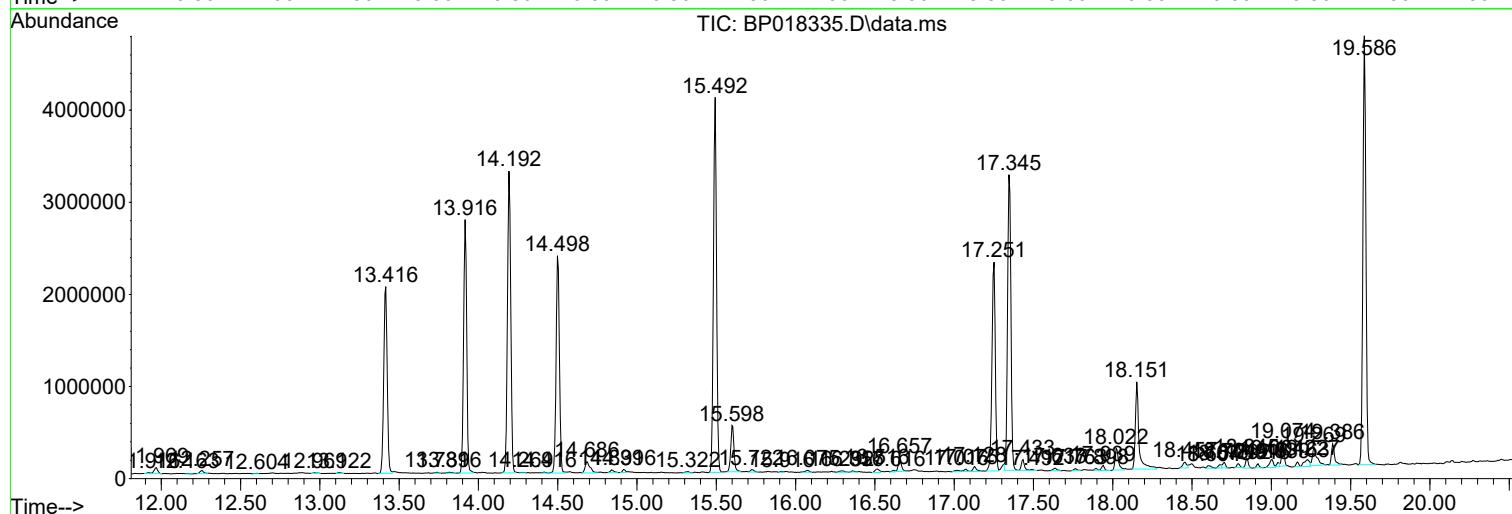
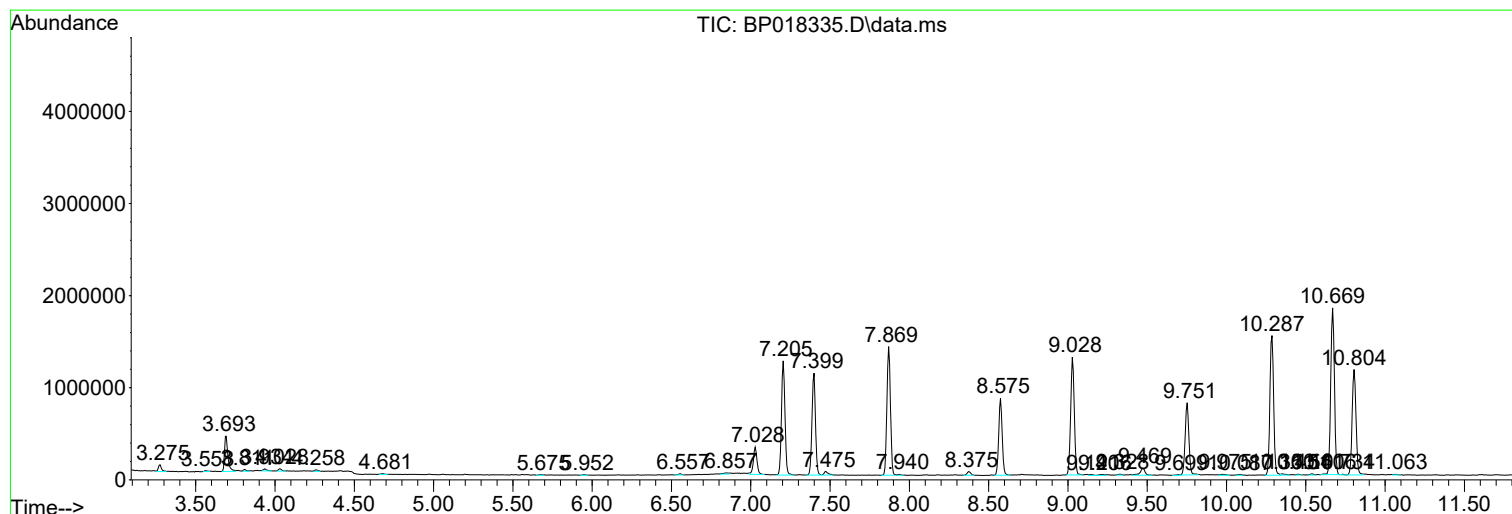
Sum of corrected areas: 76021512

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

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



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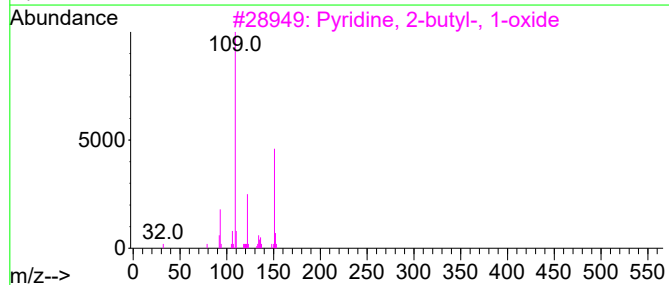
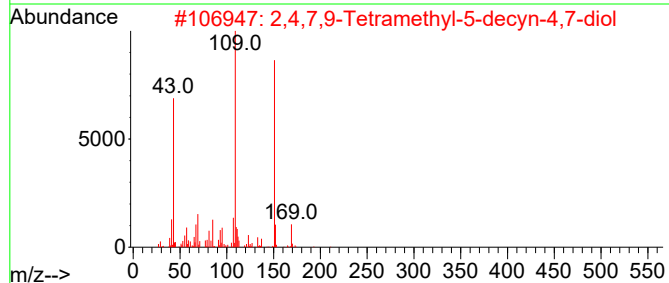
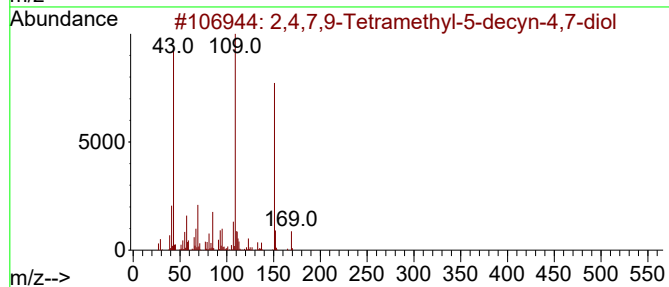
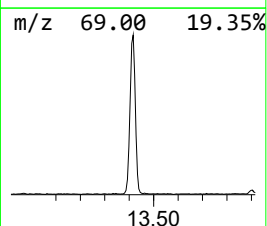
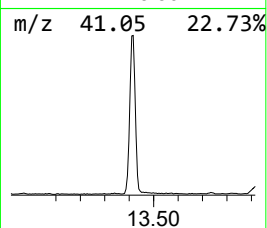
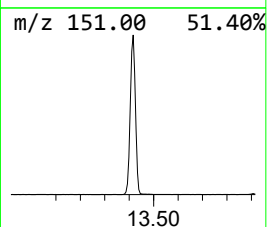
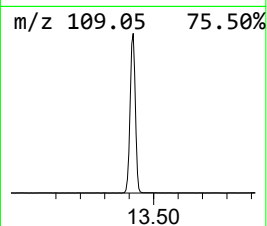
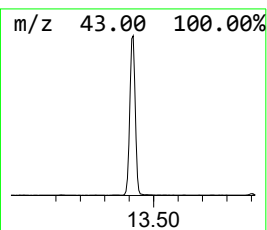
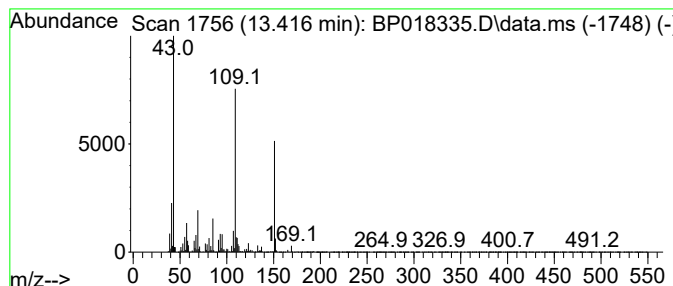
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.416	18.14 ng/ul	3104230	Acenaphthene-d10	14.498

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91		
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90		
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59		
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59		
5	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	59		



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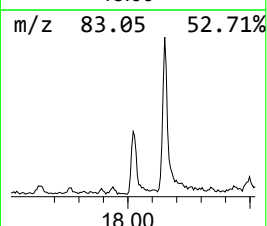
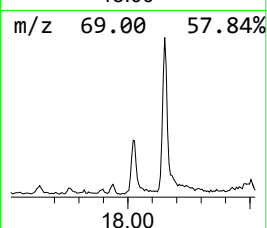
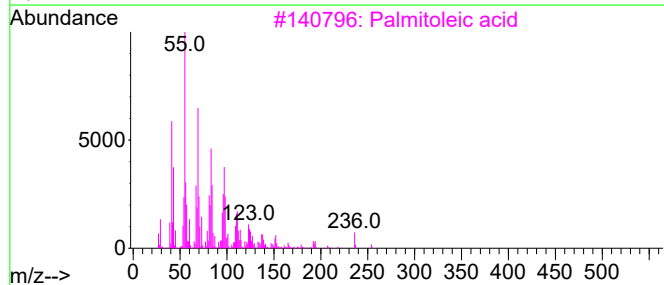
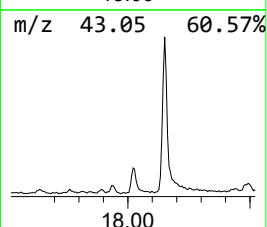
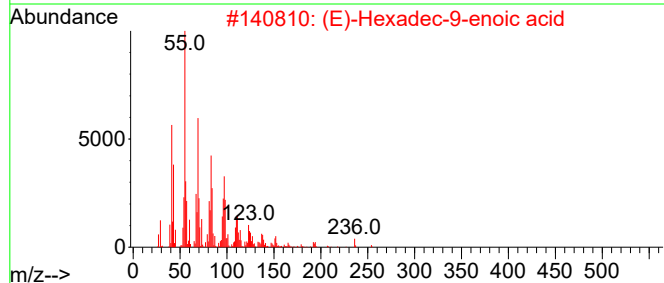
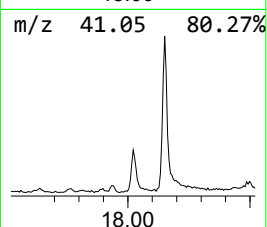
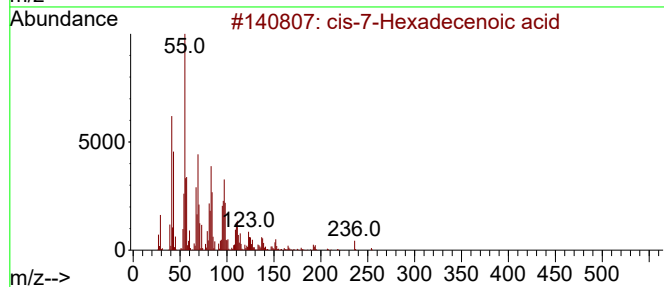
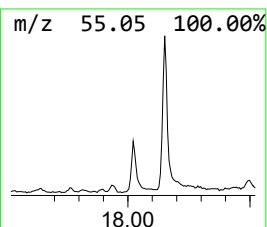
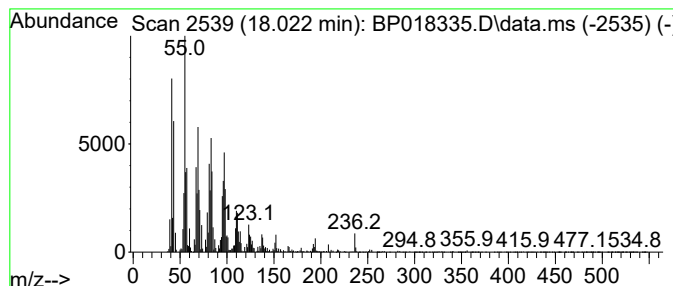
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 cis-7-Hexadecenoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	2.16 ng/ul	356661	Phenanthrene-d10	17.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	99
2			(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	95
3			Palmitoleic acid	254	C16H30O2	000373-49-9	94
4			cis-Vaccenic acid	282	C18H34O2	000506-17-2	90
5			9-Nonadecene	266	C19H38	031035-07-1	89



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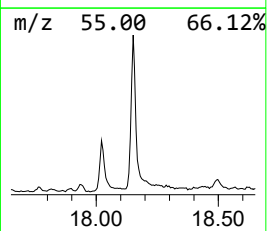
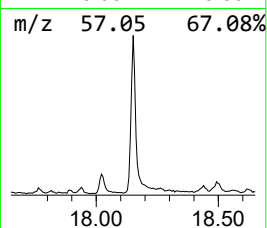
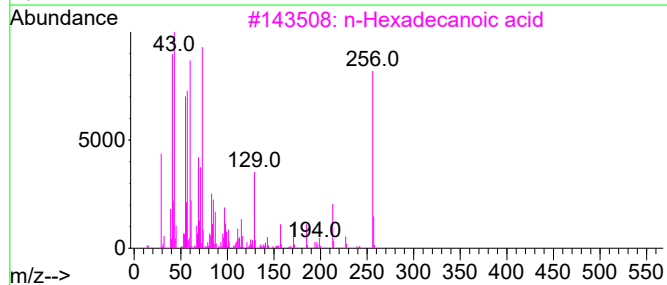
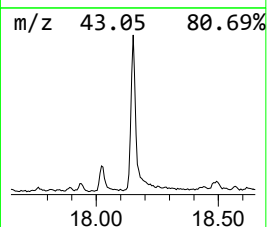
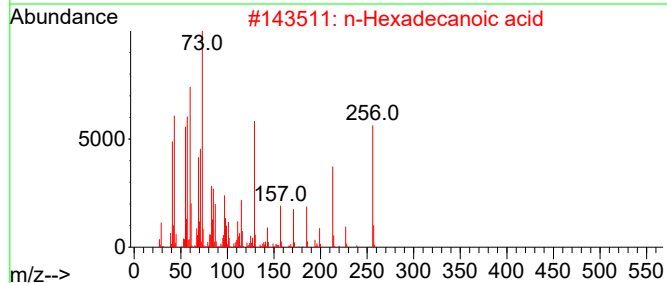
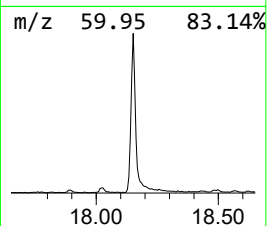
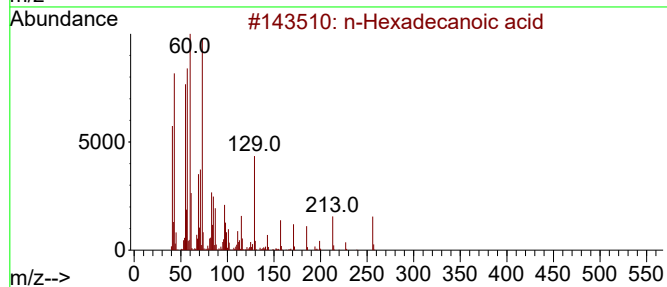
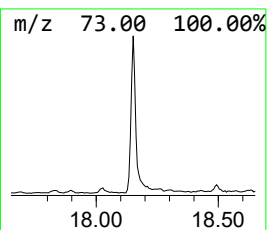
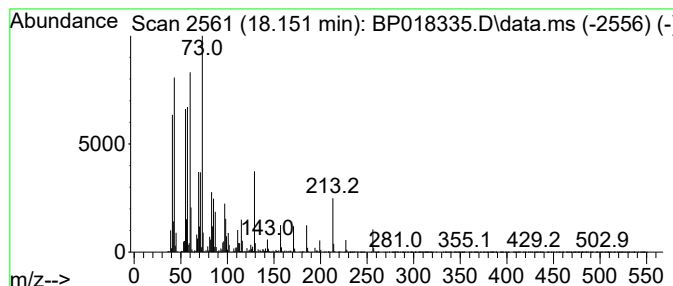
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	8.87 ng/ul	1464930	Phenanthrene-d10	17.251

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			Tridecanoic acid	214	C13H26O2	000638-53-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018335.D
Acq On : 24 Nov 2023 19:34
Operator : MA/JU
Sample : 05264-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKS5

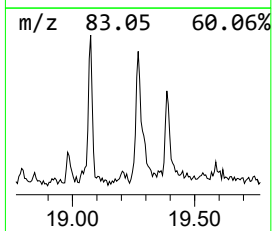
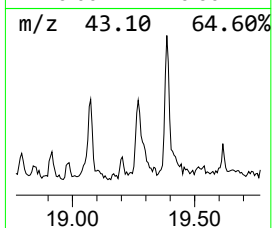
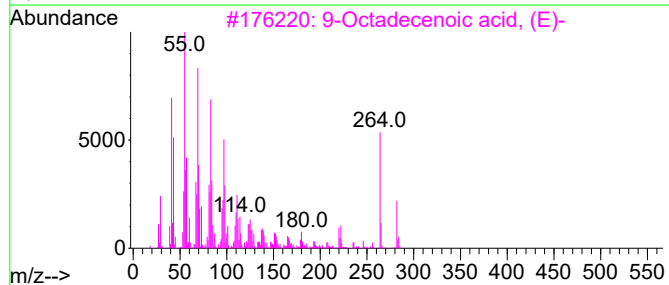
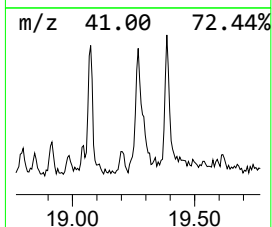
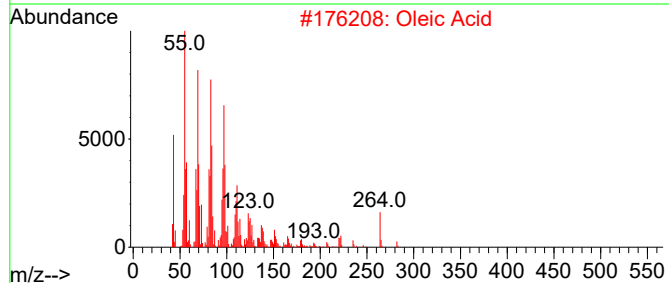
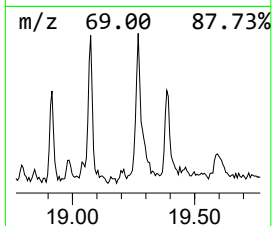
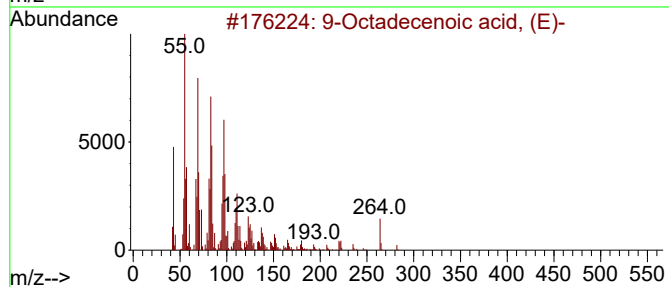
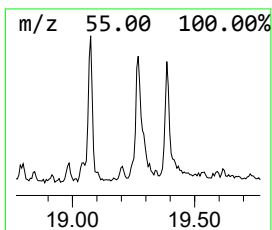
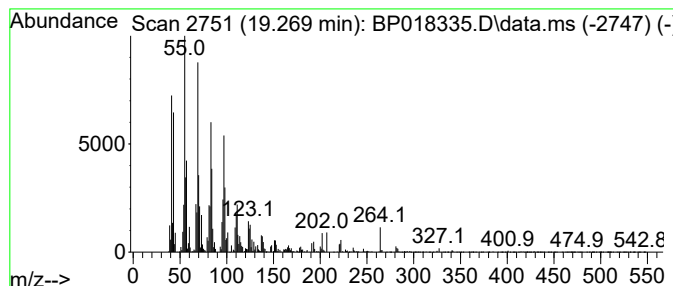
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9-Octadecenoic acid, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.269	2.31 ng/ul	382202	Phenanthrene-d10	17.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	99
2			Oleic Acid	282	C18H34O2	000112-80-1	99
3			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	95
4			Oleic Acid	282	C18H34O2	000112-80-1	94
5			trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018335.D
Acq On : 24 Nov 2023 19:34
Operator : MA/JU
Sample : 05264-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKS5

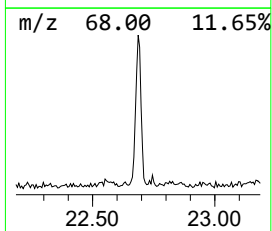
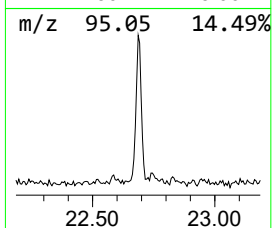
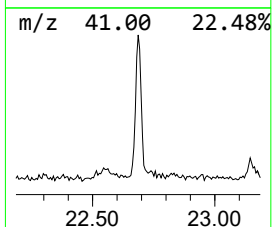
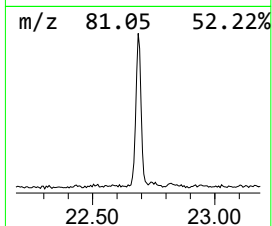
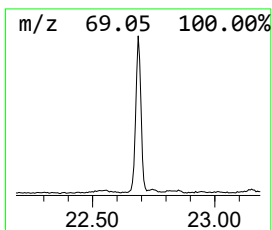
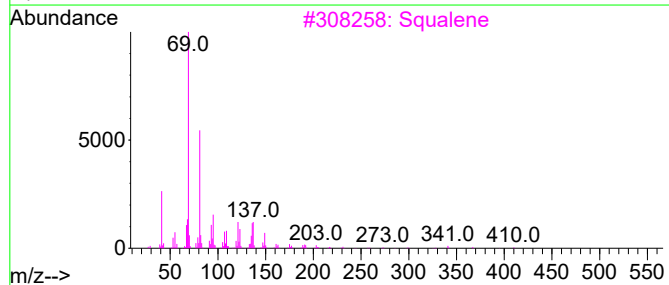
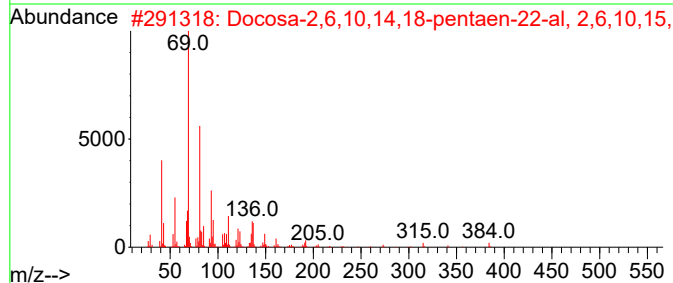
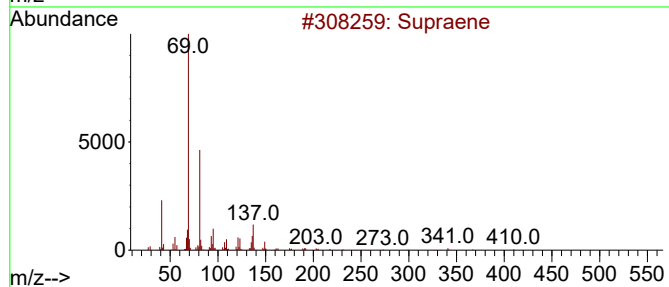
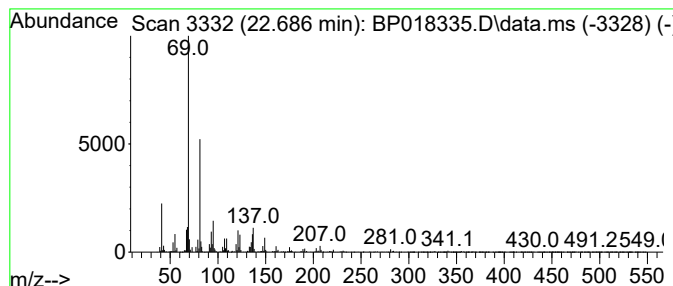
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.686	2.28 ng/ul	477142	Perylene-d12	23.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	91
3			Squalene	410	C30H50	000111-02-4	91
4			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	87
5			4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
Data File : BP018335.D
Acq On : 24 Nov 2023 19:34
Operator : MA/JU
Sample : 05264-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKS5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrame...	13.416	18.1	ng/ul	3104230	3	14.498	3421980	20.0
cis-7-Hexadecen...	18.022	2.2	ng/ul	356661	4	17.251	3303120	20.0
n-Hexadecanoic ...	18.151	8.9	ng/ul	1464930	4	17.251	3303120	20.0
9-Octadecenoic ...	19.269	2.3	ng/ul	382202	4	17.251	3303120	20.0
Supraene	22.686	2.3	ng/ul	477142	6	23.780	4176710	20.0