

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032123.D
 Acq On : 21 Jun 2024 09:04
 Operator : MA/JU
 Sample : P2710-24
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B88

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_N\Methods\SFAM-EPA-BN052924.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN032123.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.164	26	30	37	rVB	49152	70229	1.01%	0.077%
2	3.434	73	76	85	rBV	18169	28647	0.41%	0.031%
3	3.564	95	98	114	rBV	656564	1067258	15.33%	1.165%
4	3.875	147	151	158	rVB	21884	31218	0.45%	0.034%
5	4.775	297	304	311	rBV	21418	40873	0.59%	0.045%
6	6.652	620	623	632	rVB4	10075	18088	0.26%	0.020%
7	6.816	644	651	666	rVB	1050869	1718241	24.68%	1.875%
8	6.981	671	679	692	rBV	859916	1356423	19.48%	1.480%
9	7.169	704	711	719	rBV	1108143	1816842	26.10%	1.983%
10	7.246	719	724	737	rVB	105219	197624	2.84%	0.216%
11	7.634	783	790	799	rVV	1303155	2113313	30.36%	2.306%
12	7.699	799	801	807	rVV6	8178	15489	0.22%	0.017%
13	8.346	903	911	928	rBV	1416728	2419028	34.75%	2.640%
14	8.793	980	987	998	rBV	1058530	1779224	25.56%	1.942%
15	8.952	1011	1014	1019	rVB6	9685	14012	0.20%	0.015%
16	9.175	1049	1052	1058	rVB8	7865	13580	0.20%	0.015%
17	9.357	1077	1083	1091	rVB	17832	30748	0.44%	0.034%
18	9.510	1100	1109	1124	rBV	909599	1556723	22.36%	1.699%
19	9.746	1145	1149	1157	rBV8	7901	16094	0.23%	0.018%
20	10.046	1191	1200	1214	rBV	1439642	2550502	36.64%	2.783%
21	10.204	1225	1227	1235	rVB8	6389	11003	0.16%	0.012%
22	10.416	1254	1263	1276	rBV	2013430	3482424	50.02%	3.801%
23	10.563	1281	1288	1305	rVB	1357933	2426723	34.86%	2.648%
24	10.963	1350	1356	1362	rBV	6233	17943	0.26%	0.020%
25	11.163	1382	1390	1396	rBV	43124	91073	1.31%	0.099%
26	11.216	1396	1399	1406	rVB5	14057	26290	0.38%	0.029%
27	12.010	1526	1534	1542	rVV2	30697	58969	0.85%	0.064%
28	12.087	1543	1547	1555	rVV3	9599	16801	0.24%	0.018%
29	12.310	1581	1585	1590	rVB4	7068	11152	0.16%	0.012%
30	12.557	1623	1627	1630	rBV6	5224	8711	0.13%	0.010%
31	12.628	1633	1639	1641	rVV6	6823	10465	0.15%	0.011%
32	12.881	1677	1682	1686	rBV5	12342	19617	0.28%	0.021%
33	13.110	1715	1721	1726	rBV7	5624	11217	0.16%	0.012%
34	13.175	1726	1732	1740	rVV	154179	253347	3.64%	0.276%
35	13.245	1740	1744	1749	rVB4	11166	18199	0.26%	0.020%
36	13.504	1784	1788	1793	rVB6	10557	18462	0.27%	0.020%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	13.598	1800	1804	1808	rVB2	9768	15981	0.23%	0.017%
38	13.698	1814	1821	1835	rVV	2618898	3761034	54.03%	4.105%
39	13.975	1857	1868	1880	rBV	3165174	4822868	69.28%	5.263%
40	14.281	1913	1920	1927	rBV	3306092	5024490	72.18%	5.483%

41	14.345	1927	1931	1938	rVV2	40680	67500	0.97%	0.074%
42	14.404	1938	1941	1947	rVB4	8680	12381	0.18%	0.014%
43	14.510	1951	1959	1977	rBV	1010735	1777343	25.53%	1.940%
44	14.681	1983	1988	1997	rVV	32914	81699	1.17%	0.089%
45	14.751	1998	2000	2006	rVB6	8779	12322	0.18%	0.013%

46	14.904	2019	2026	2027	rBV7	6955	12719	0.18%	0.014%
47	14.951	2031	2034	2038	rVB6	8023	12126	0.17%	0.013%
48	15.081	2049	2056	2058	rBV3	14247	29581	0.42%	0.032%
49	15.228	2076	2081	2083	rBV2	15830	23104	0.33%	0.025%
50	15.281	2083	2090	2096	rVV	3845503	5759174	82.73%	6.285%

51	15.334	2096	2099	2104	rVB	60208	79271	1.14%	0.087%
52	15.416	2107	2113	2123	rBV	602522	895580	12.86%	0.977%
53	15.539	2130	2134	2138	rVB2	50260	78416	1.13%	0.086%
54	15.628	2144	2149	2156	rVB2	19309	40825	0.59%	0.045%
55	15.775	2171	2174	2181	rVB2	19666	32740	0.47%	0.036%

56	15.998	2205	2212	2219	rVB2	17772	47629	0.68%	0.052%
57	16.145	2234	2237	2242	rBV	41537	53911	0.77%	0.059%
58	16.263	2252	2257	2261	rBV2	67483	102344	1.47%	0.112%
59	16.439	2283	2287	2294	rBV2	60488	94928	1.36%	0.104%
60	16.563	2303	2308	2313	rBV2	68717	97712	1.40%	0.107%

61	16.692	2326	2330	2336	rVB2	31259	53736	0.77%	0.059%
62	16.786	2343	2346	2349	rBV3	22250	30179	0.43%	0.033%
63	16.851	2353	2357	2362	rVB	49839	69535	1.00%	0.076%
64	16.910	2362	2367	2370	rBV	205566	283399	4.07%	0.309%
65	16.945	2370	2373	2379	rVB	119241	162232	2.33%	0.177%

66	17.034	2379	2388	2392	rBV	4080421	6065019	87.12%	6.619%
67	17.075	2392	2395	2399	rVV	819598	1068420	15.35%	1.166%
68	17.134	2399	2405	2414	rVV	3936729	6051545	86.93%	6.604%
69	17.210	2414	2418	2425	rVB2	170239	258586	3.71%	0.282%
70	17.316	2431	2436	2446	rVB6	35264	86932	1.25%	0.095%

71	17.439	2454	2457	2461	rVB	55808	72439	1.04%	0.079%
72	17.481	2461	2464	2468	rBV	80507	104010	1.49%	0.114%
73	17.628	2483	2489	2495	rBV2	250580	513515	7.38%	0.560%
74	17.704	2499	2502	2506	rBV	56576	66805	0.96%	0.073%
75	17.745	2506	2509	2515	rVB3	66811	111461	1.60%	0.122%

76	17.804	2515	2519	2526	rBV4	91317	188021	2.70%	0.205%
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 Title : SVOA CALIBRATION

77	17.881	2528	2532	2534	rBV2	68809	97063	1.39%	0.106%
78	17.933	2536	2541	2555	rVV2	1397957	2300950	33.05%	2.511%
79	18.033	2556	2558	2564	rVB	58408	88132	1.27%	0.096%
80	18.098	2565	2569	2574	rVV2	290473	440992	6.33%	0.481%
81	18.163	2577	2580	2583	rVB	127416	158878	2.28%	0.173%
82	18.204	2583	2587	2593	rVB4	102944	149647	2.15%	0.163%
83	18.263	2594	2597	2602	rBV2	68336	110084	1.58%	0.120%
84	18.386	2614	2618	2621	rBV	115266	164624	2.36%	0.180%
85	18.492	2634	2636	2639	rVB	53919	53605	0.77%	0.059%
86	18.563	2645	2648	2652	rVB	83178	105052	1.51%	0.115%
87	18.880	2699	2702	2706	rVB3	96016	121025	1.74%	0.132%
88	18.928	2707	2710	2713	rVV2	116861	143652	2.06%	0.157%
89	18.969	2714	2717	2724	rVB4	122477	240877	3.46%	0.263%
90	19.098	2734	2739	2746	rVB	1261862	1784673	25.64%	1.948%
91	19.222	2756	2760	2769	rVB3	396401	630513	9.06%	0.688%
92	19.433	2790	2796	2800	rBV	4703955	6961380	100.00%	7.597%
93	19.957	2883	2885	2890	rVB2	139761	155015	2.23%	0.169%
94	20.951	3051	3054	3061	rVB3	571620	882033	12.67%	0.963%
95	21.269	3101	3108	3112	rBV	3309022	5339260	76.70%	5.827%
96	21.310	3112	3115	3126	rVB	429179	656603	9.43%	0.717%
97	21.557	3154	3157	3166	rVB3	353781	548032	7.87%	0.598%
98	22.786	3363	3366	3373	rVB	433419	724127	10.40%	0.790%
99	23.980	3562	3569	3577	rBV2	1738614	4007000	57.56%	4.373%
100	24.180	3596	3603	3612	rVB2	1792786	4309016	61.90%	4.703%

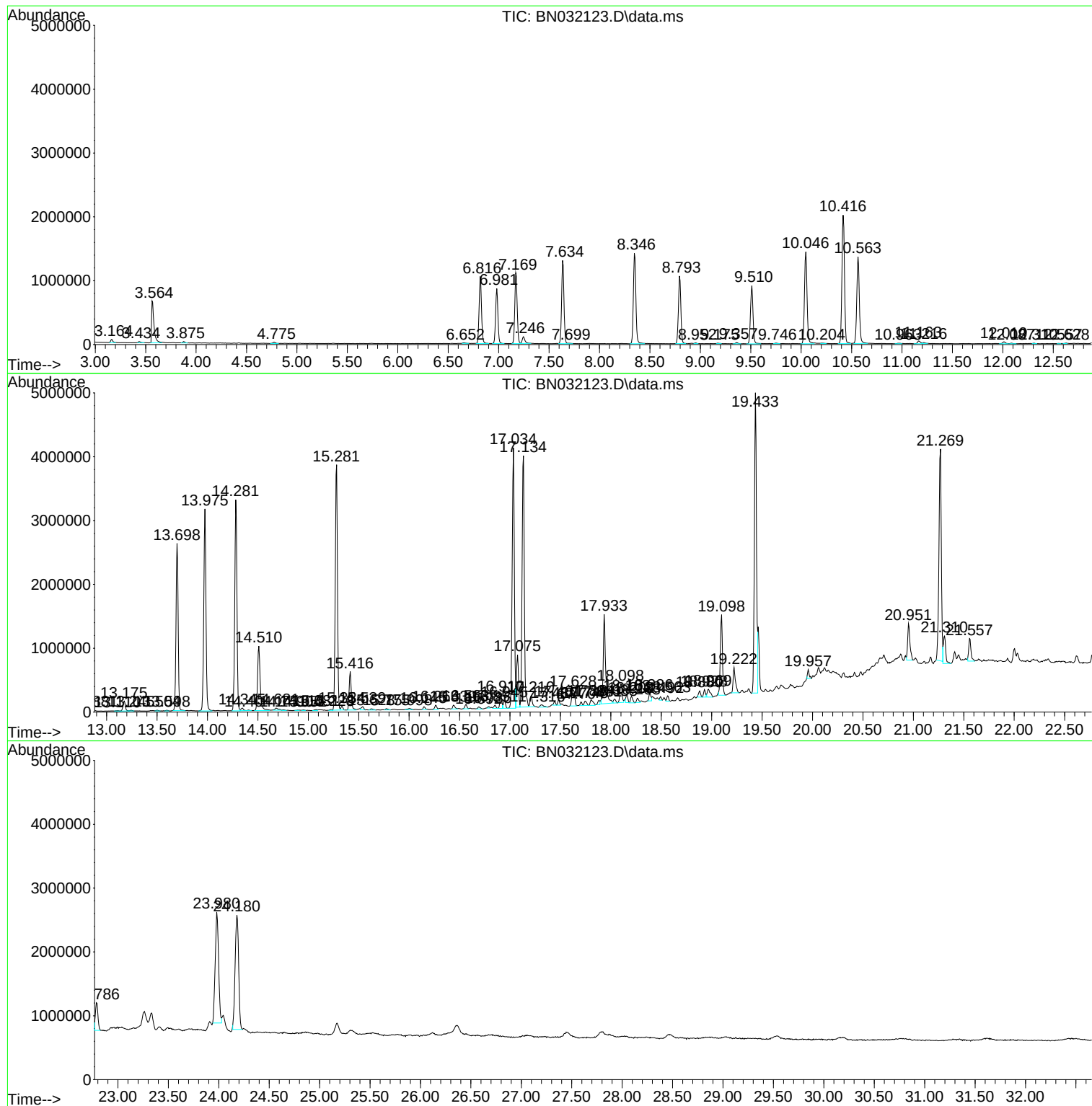
Sum of corrected areas: 91630297

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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



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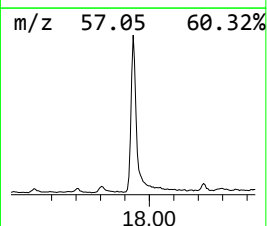
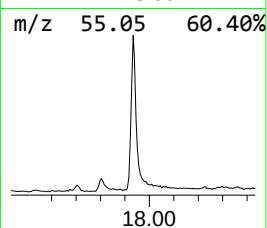
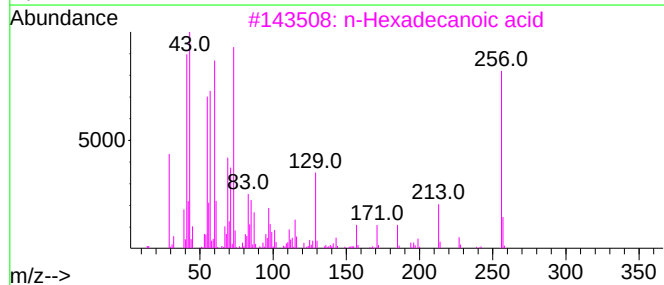
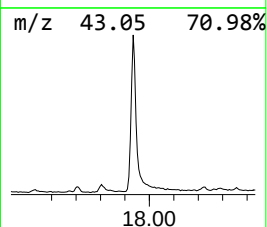
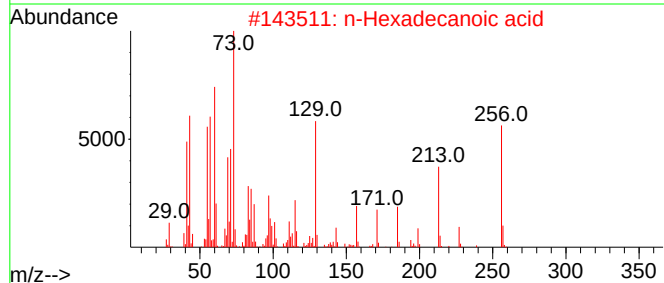
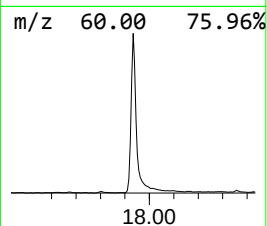
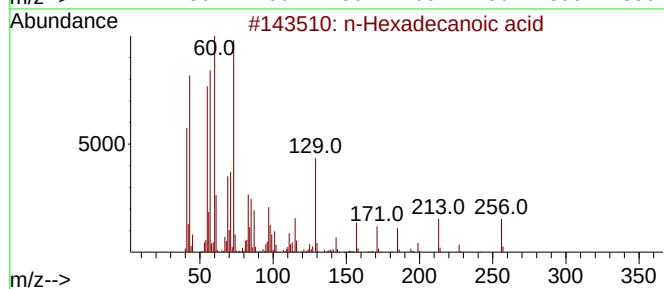
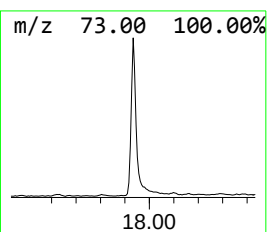
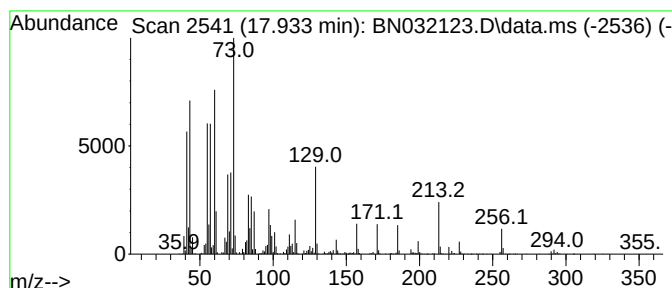
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	7.59 ng/ul	2300950	Phenanthrene-d10	17.034

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	98
5			Octadecanoic acid	284	C18H36O2	000057-11-4	93



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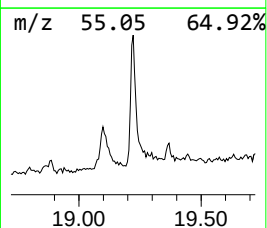
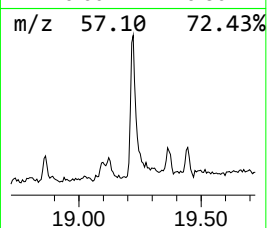
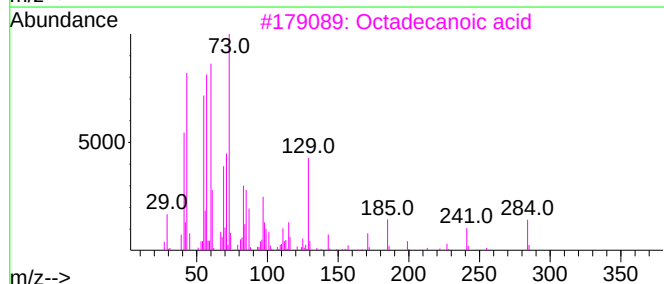
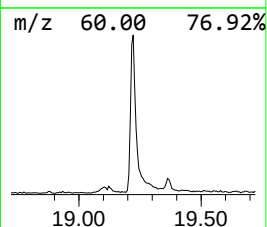
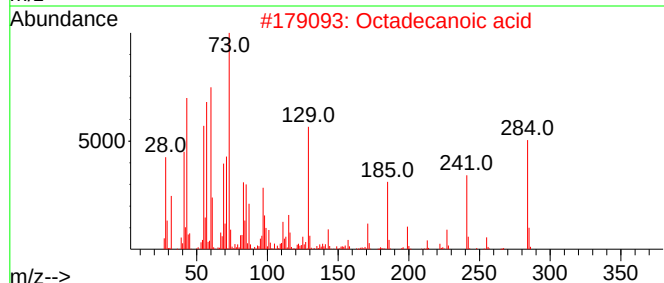
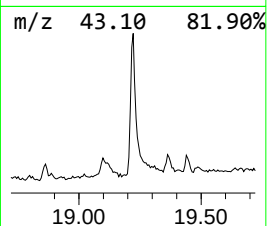
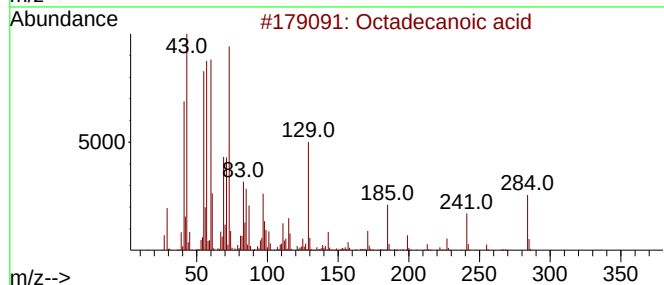
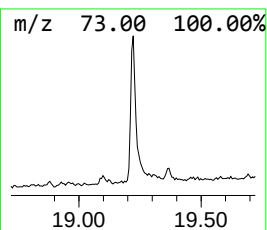
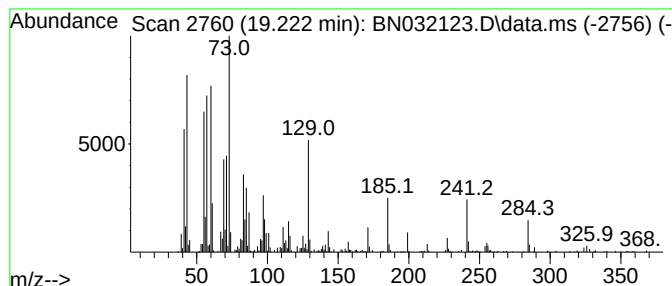
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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.
19.222	2.36 ng/ul	630513	Chrysene-d12	21.269

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	97
5			Octadecanoic acid	284	C18H36O2	000057-11-4	95



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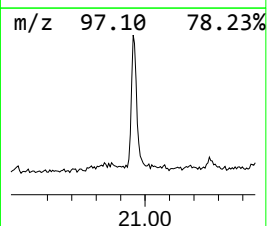
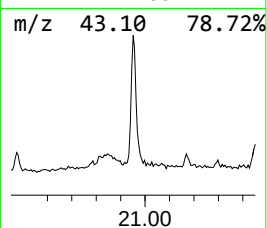
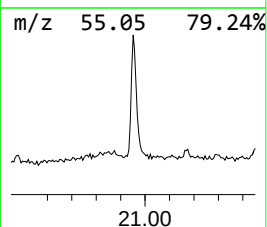
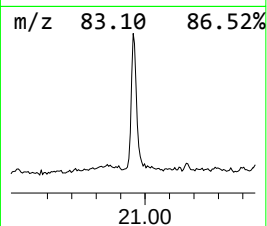
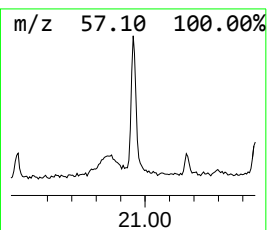
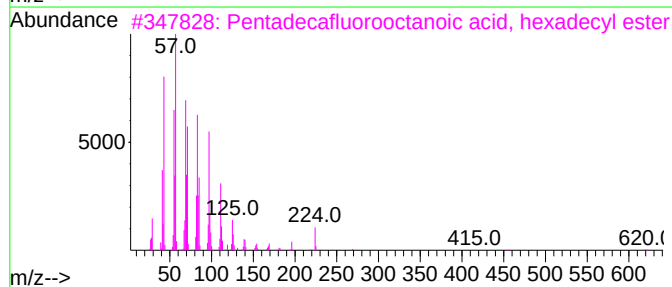
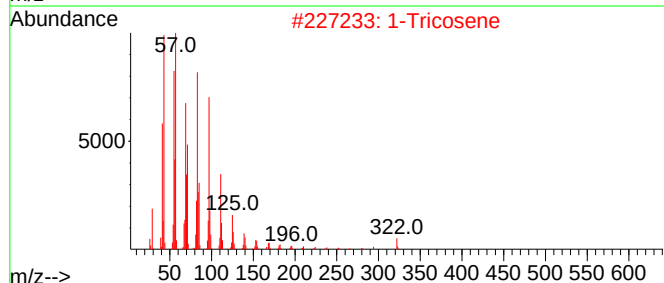
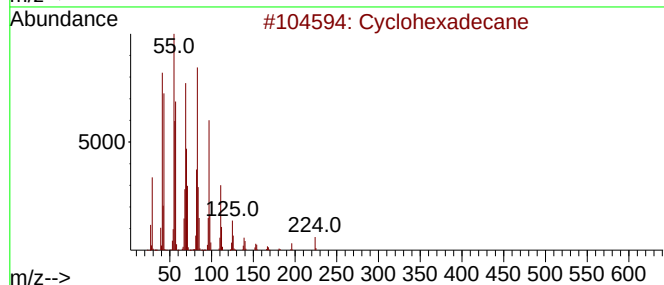
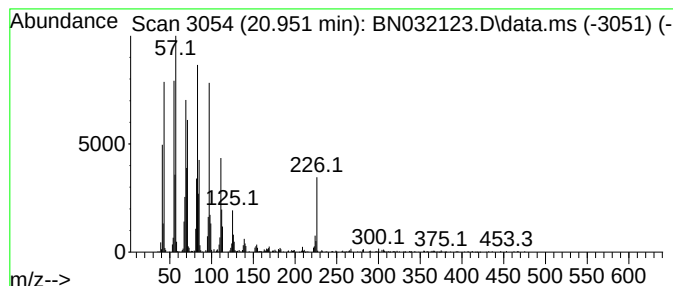
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic20.951 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.951	3.30 ng/ul	882033	Chrysene-d12	21.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	93
2			1-Tricosene	322	C23H46	018835-32-0	93
3			Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	93
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93



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Acq On : 21 Jun 2024 09:04
Operator : MA/JU
Sample : P2710-24
Misc :
ALS Vial : 32 Sample Multiplier: 1

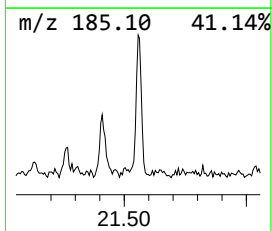
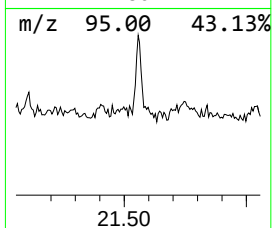
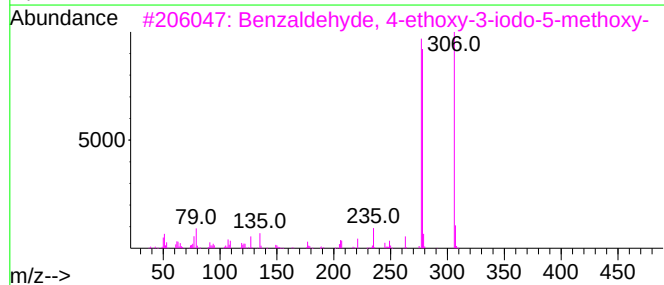
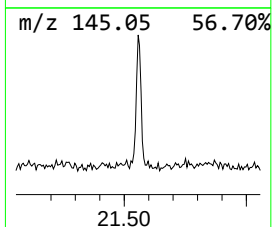
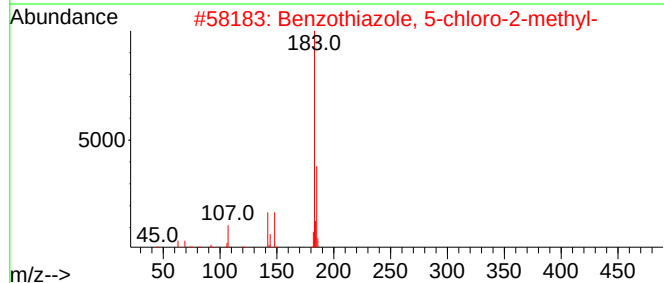
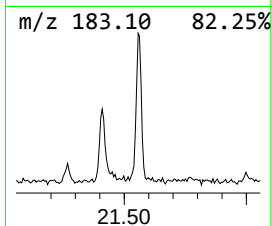
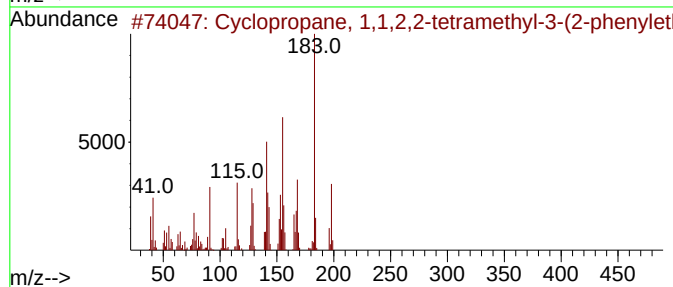
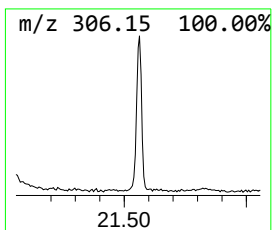
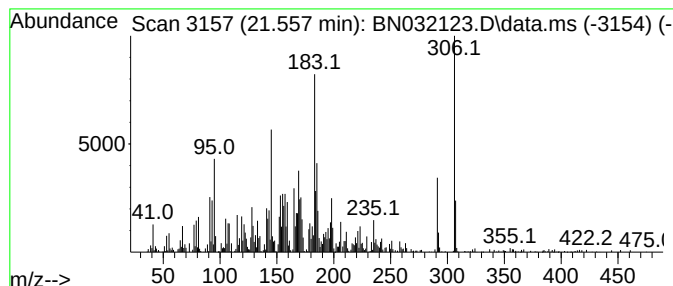
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.557	2.05 ng/ul	548032	Chrysene-d12	21.269	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1,2,2-tetramethy...	198	C15H18	1000264-08-5	35
2	Benzothiazole, 5-chloro-2-methyl-	183	C8H6ClNS	001006-99-1	30
3	Benzaldehyde, 4-ethoxy-3-iodo-5-...	306	C10H11IO3	1000276-29-9	25
4	phenol, 4-[[4-[(4-methoxyphenyl)...	306	C19H18N2O2	1000397-62-8	25
5	Phosphine, 2-butyne-1,4-diylbis[...	422	C28H24P2	027318-83-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032123.D
Acq On : 21 Jun 2024 09:04
Operator : MA/JU
Sample : P2710-24
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B88

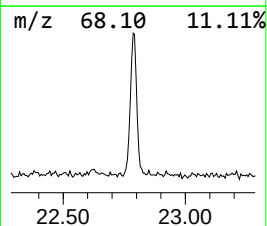
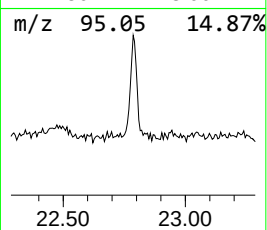
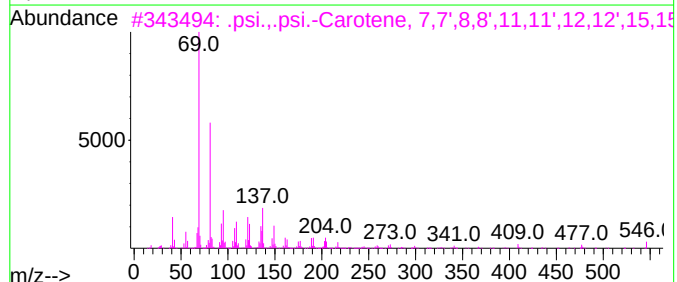
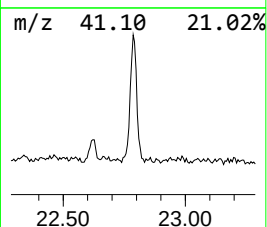
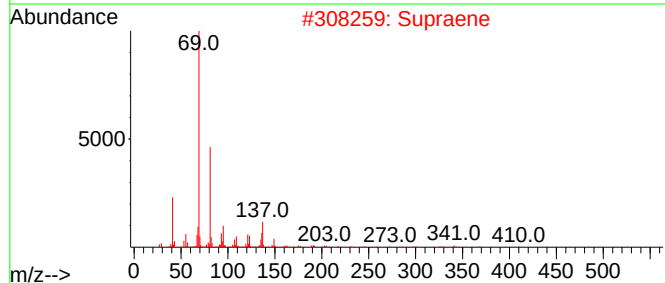
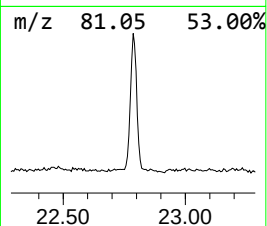
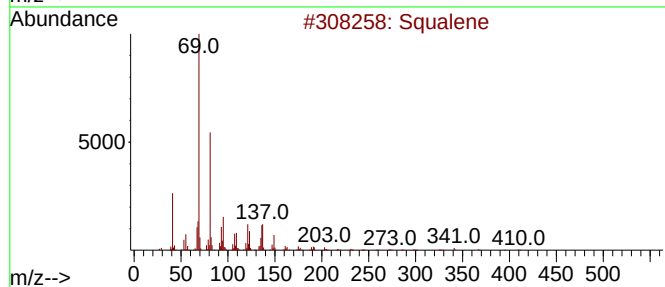
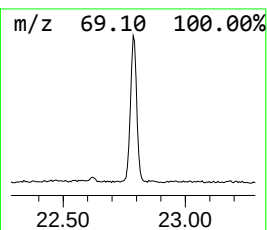
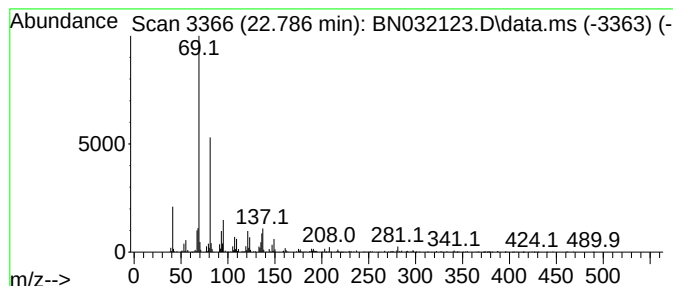
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.786	3.36 ng/ul	724127	Perylene-d12	24.180

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Squalene	410	C30H50	000111-02-4	87
2			Supraene	410	C30H50	007683-64-9	83
3			.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	72
4			1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
5			3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032123.D
Acq On : 21 Jun 2024 09:04
Operator : MA/JU
Sample : P2710-24
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B88

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.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 ...	17.933	7.6	ng/ul	2300950	4	17.034	6065020	20.0
Octadecanoic acid	19.222	2.4	ng/ul	630513	5	21.269	5339260	20.0
(DEL) Alkane: C...	20.951	3.3	ng/ul	882033	5	21.269	5339260	20.0
unknown-01	21.557	2.0	ng/ul	548032	5	21.269	5339260	20.0
Squalene	22.786	3.4	ng/ul	724127	6	24.180	4309020	20.0