

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
 Data File : BM035967.D
 Acq On : 28 Jul 2022 01:43
 Operator : CG/JU
 Sample : N3741-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0B33

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_M\Methods\SFAM-EPA-BM072522.M
 Title : SVOA CALIBRATION

Signal : TIC: BM035967.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.269	28	31	36	rVB	62236	74513	1.41%	0.106%
2	3.810	119	123	129	rVB	79286	103950	1.96%	0.148%
3	3.934	139	144	149	rVB	66449	92242	1.74%	0.132%
4	4.028	157	160	165	rVB	27202	33445	0.63%	0.048%
5	4.405	221	224	229	rVB6	8873	15291	0.29%	0.022%
6	4.599	253	257	260	rVB3	15070	17964	0.34%	0.026%
7	4.963	314	319	325	rBV	30041	45813	0.87%	0.065%
8	5.063	332	336	342	rVB3	16543	26604	0.50%	0.038%
9	6.734	615	620	625	rBV9	9278	20240	0.38%	0.029%
10	6.881	639	645	649	rBV8	6174	15217	0.29%	0.022%
11	7.046	664	673	682	rBV	899697	1381123	26.10%	1.973%
12	7.216	695	702	710	rBV	762841	1160970	21.94%	1.658%
13	7.287	711	714	720	rVB2	15418	25938	0.49%	0.037%
14	7.410	728	735	744	rBV	956040	1476699	27.91%	2.109%
15	7.498	747	750	754	rVV2	13530	19253	0.36%	0.028%
16	7.881	808	815	823	rBV	1192288	1851708	34.99%	2.645%
17	7.945	823	826	832	rVB3	11496	17702	0.33%	0.025%
18	8.592	929	936	945	rBV	1003799	1606613	30.36%	2.295%
19	8.716	952	957	963	rVB3	15933	27641	0.52%	0.039%
20	9.045	1006	1013	1022	rBV	835052	1377635	26.03%	1.968%
21	9.163	1030	1033	1038	rVV6	11168	18075	0.34%	0.026%
22	9.216	1038	1042	1049	rVB9	11618	20319	0.38%	0.029%
23	9.457	1081	1083	1092	rVB4	17679	33700	0.64%	0.048%
24	9.769	1127	1136	1146	rBV	661610	1101917	20.82%	1.574%
25	10.310	1218	1228	1237	rBV	1043303	1781809	33.67%	2.545%
26	10.398	1237	1243	1252	rVV	71349	148188	2.80%	0.212%
27	10.686	1283	1292	1305	rBV	1651098	2702744	51.07%	3.861%
28	10.828	1307	1316	1322	rBV	691808	1237534	23.39%	1.768%
29	10.881	1322	1325	1334	rVB	91597	158007	2.99%	0.226%
30	11.481	1422	1427	1431	rBV8	12078	23335	0.44%	0.033%
31	11.951	1501	1507	1513	rVB5	9882	26255	0.50%	0.038%
32	12.275	1553	1562	1570	rVB3	24859	52988	1.00%	0.076%
33	12.357	1570	1576	1582	rBV8	10102	22486	0.42%	0.032%
34	12.569	1608	1612	1617	rVB7	10276	15265	0.29%	0.022%
35	12.886	1657	1666	1670	rBV4	23341	49233	0.93%	0.070%
36	13.133	1702	1708	1713	rVB3	11912	18778	0.35%	0.027%

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37	13.345	1741	1744	1748	rVB5	12403	17943	0.34%	0.026%
38	13.416	1748	1756	1760	rBV8	12238	24784	0.47%	0.035%
39	13.804	1818	1822	1825	rBV5	11954	16010	0.30%	0.023%
40	13.933	1838	1844	1853	rVV	1879723	2518645	47.60%	3.598%
41	14.004	1853	1856	1860	rVB6	11990	15065	0.28%	0.022%
42	14.210	1880	1891	1902	rBV	2171309	3288393	62.14%	4.697%
43	14.416	1923	1926	1931	rVB4	19914	23929	0.45%	0.034%
44	14.516	1936	1943	1950	rBV	2279567	3391600	64.09%	4.845%
45	14.716	1972	1977	1993	rVV	559692	890033	16.82%	1.271%
46	14.874	2000	2004	2009	rBV2	26568	41152	0.78%	0.059%
47	14.939	2009	2015	2020	rVV6	34282	61357	1.16%	0.088%
48	15.286	2070	2074	2075	rBV3	18538	22242	0.42%	0.032%
49	15.316	2075	2079	2085	rVV3	27734	57223	1.08%	0.082%
50	15.369	2085	2088	2091	rVB3	21832	26627	0.50%	0.038%
51	15.510	2105	2112	2118	rBV	2925139	4014755	75.87%	5.735%
52	15.627	2126	2132	2144	rBV	548891	765280	14.46%	1.093%
53	15.745	2148	2152	2160	rVV3	36432	64783	1.22%	0.093%
54	15.839	2165	2168	2171	rBV4	16062	23411	0.44%	0.033%
55	15.898	2173	2178	2182	rBV	230789	271912	5.14%	0.388%
56	16.074	2203	2208	2211	rBV7	11268	19652	0.37%	0.028%
57	16.233	2230	2235	2236	rBV	64817	83892	1.59%	0.120%
58	16.286	2242	2244	2248	rVB5	14997	19566	0.37%	0.028%
59	16.368	2255	2258	2260	rBV4	13333	16952	0.32%	0.024%
60	16.468	2267	2275	2287	rVB3	107263	181867	3.44%	0.260%
61	16.563	2288	2291	2297	rVV8	19645	33789	0.64%	0.048%
62	16.739	2316	2321	2326	rBV2	42576	62625	1.18%	0.089%
63	16.804	2329	2332	2335	rVB3	17847	19127	0.36%	0.027%
64	16.974	2357	2361	2364	rBV5	24898	36905	0.70%	0.053%
65	17.021	2365	2369	2374	rVV2	80771	123274	2.33%	0.176%
66	17.068	2375	2377	2382	rVB3	32623	43881	0.83%	0.063%
67	17.180	2393	2396	2398	rBV3	20246	22094	0.42%	0.032%
68	17.257	2403	2409	2414	rVV	2787168	3750273	70.87%	5.357%
69	17.298	2414	2416	2420	rVV	122006	155083	2.93%	0.222%
70	17.357	2420	2426	2437	rVB	3036531	4218515	79.72%	6.026%
71	17.645	2471	2475	2482	rVB6	48624	91103	1.72%	0.130%
72	17.757	2491	2494	2499	rBV3	31942	45149	0.85%	0.064%
73	17.810	2499	2503	2510	rVB2	39293	63791	1.21%	0.091%
74	17.933	2520	2524	2529	rVB	258897	305484	5.77%	0.436%
75	18.104	2549	2553	2557	rBV	34449	52531	0.99%	0.075%
76	18.157	2557	2562	2570	rVV2	269044	390392	7.38%	0.558%

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77	18.227	2572	2574	2577	rVB	29256	33815	0.64%	0.048%
78	18.451	2609	2612	2615	rBV	37703	42181	0.80%	0.060%
79	18.486	2615	2618	2625	rVB6	29588	43555	0.82%	0.062%
80	18.751	2660	2663	2667	rBV2	31745	41299	0.78%	0.059%
81	19.015	2705	2708	2711	rBV4	29903	37615	0.71%	0.054%
82	19.104	2716	2723	2728	rBV2	347565	484972	9.16%	0.693%
83	19.174	2732	2735	2738	rBV	76782	97731	1.85%	0.140%
84	19.239	2743	2746	2750	rVV	103151	116361	2.20%	0.166%
85	19.280	2751	2753	2755	rVV	34555	38741	0.73%	0.055%
86	19.309	2755	2758	2765	rVB	180568	241533	4.56%	0.345%
87	19.433	2776	2779	2781	rBV3	35570	33054	0.62%	0.047%
88	19.539	2793	2797	2803	rBV3	124515	186010	3.52%	0.266%
89	19.645	2810	2815	2830	rBV	3483764	4983311	94.17%	7.118%
90	20.162	2901	2903	2906	rBV3	67070	80924	1.53%	0.116%
91	20.192	2906	2908	2912	rVB	102578	105542	1.99%	0.151%
92	20.645	2982	2985	2989	rBV	204565	216597	4.09%	0.309%
93	21.150	3067	3071	3078	rBV	1370108	1716627	32.44%	2.452%
94	21.433	3114	3119	3123	rBV	3120278	3923602	74.15%	5.605%
95	22.050	3221	3224	3225	rBV	328531	367353	6.94%	0.525%
96	23.092	3397	3401	3405	rVB2	609042	903805	17.08%	1.291%
97	23.139	3406	3409	3421	rVB2	551009	1022893	19.33%	1.461%
98	23.650	3490	3496	3503	rBV2	2187015	4216128	79.67%	6.022%
99	23.803	3517	3522	3531	rVB2	1813687	3709377	70.10%	5.299%
100	27.209	4093	4101	4118	rVB2	1525479	5291744	100.00%	7.559%

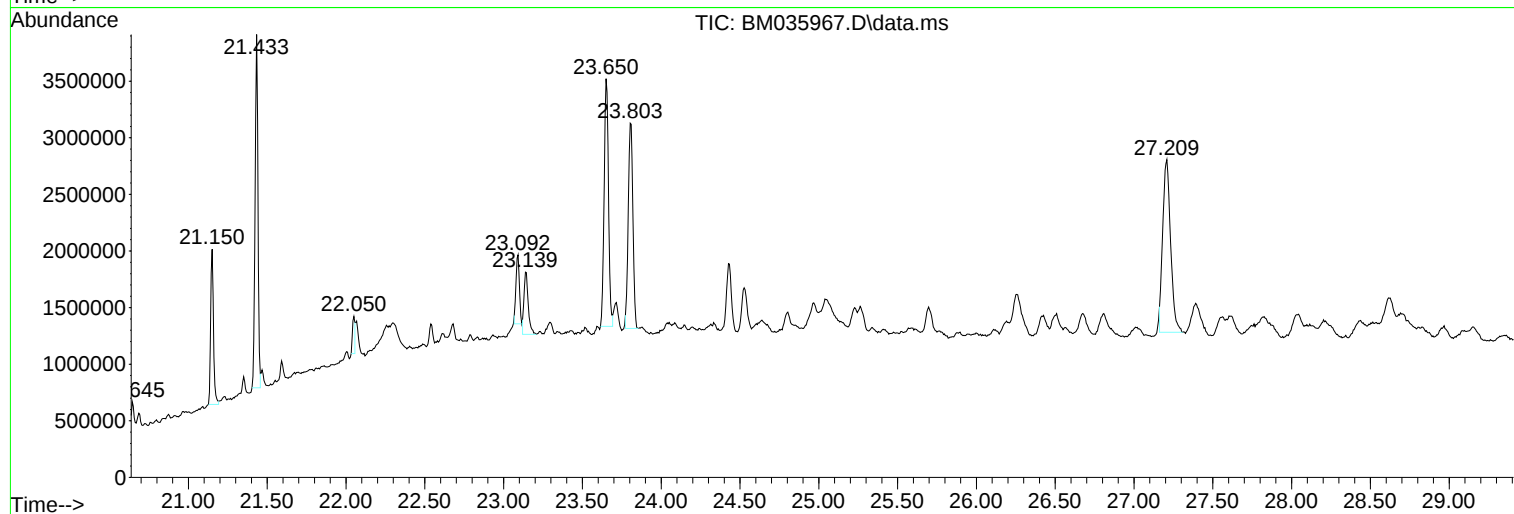
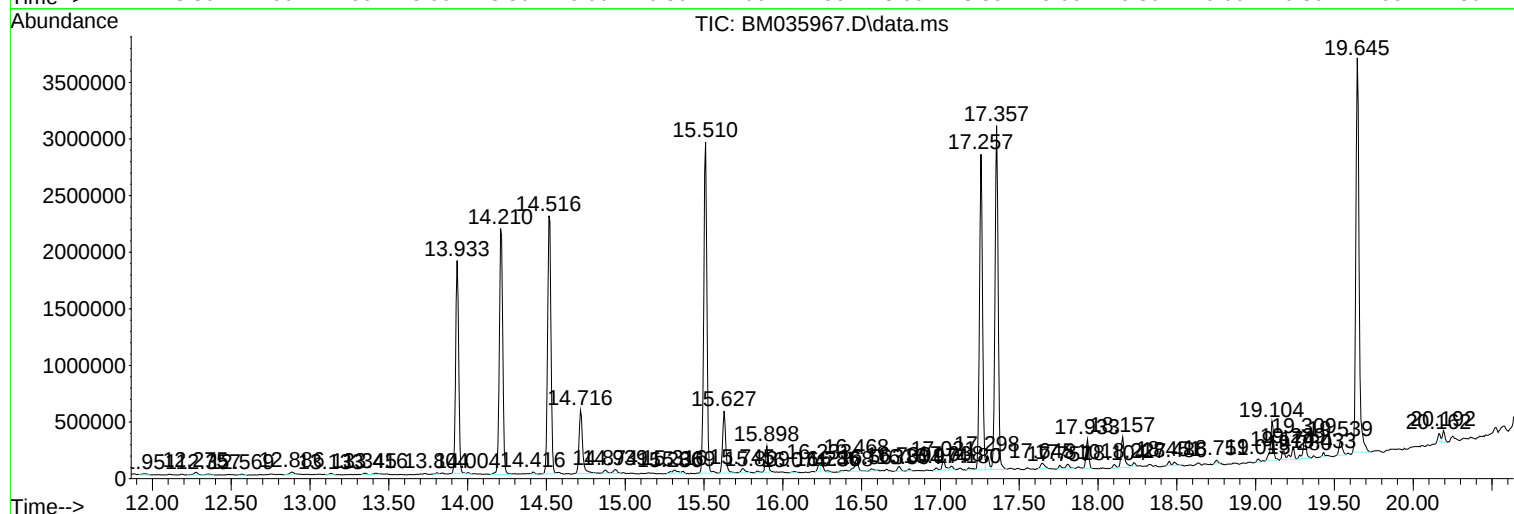
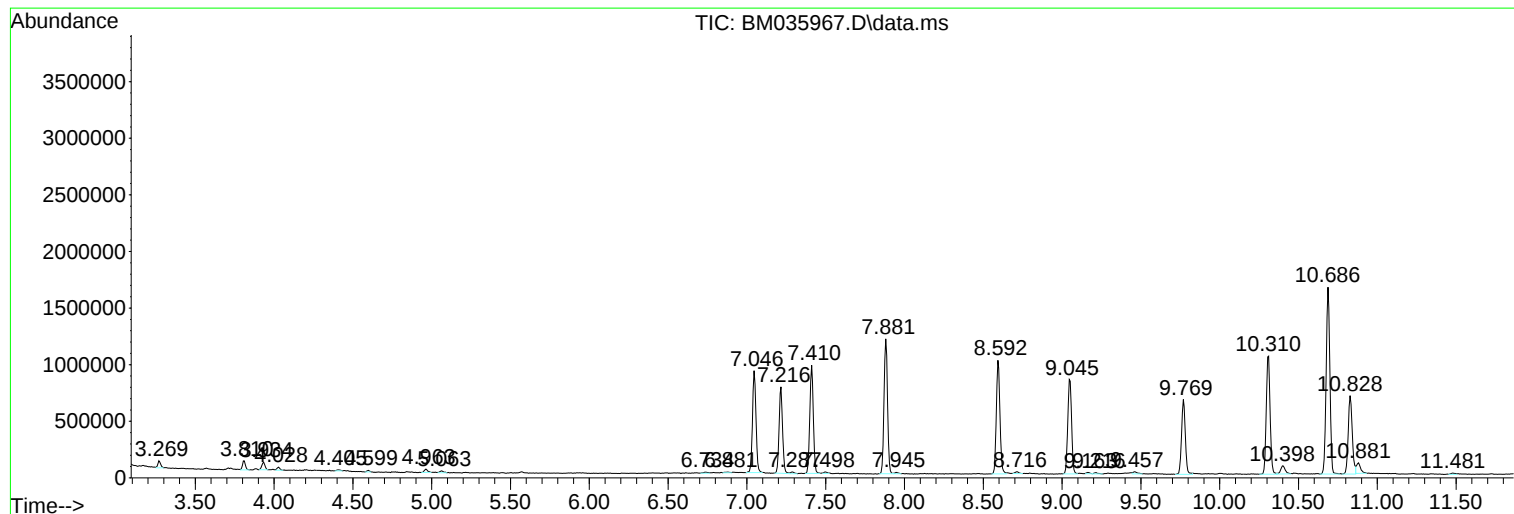
Sum of corrected areas: 70007053

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION

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



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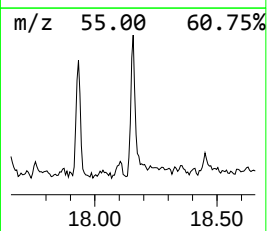
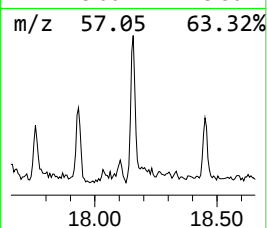
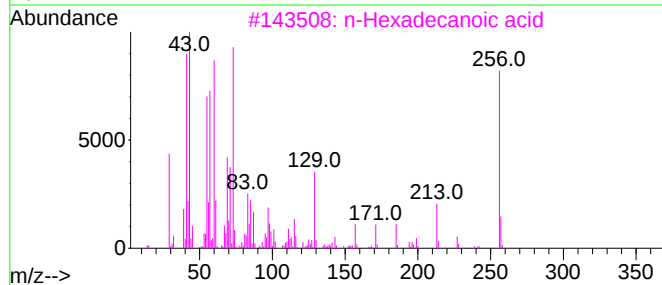
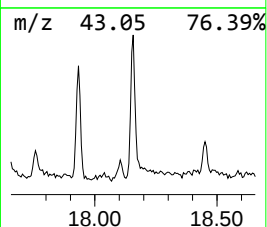
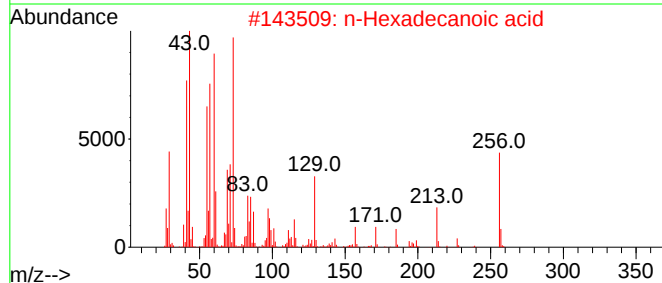
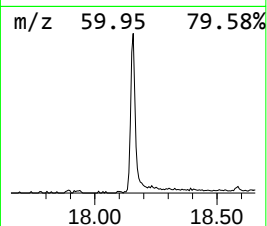
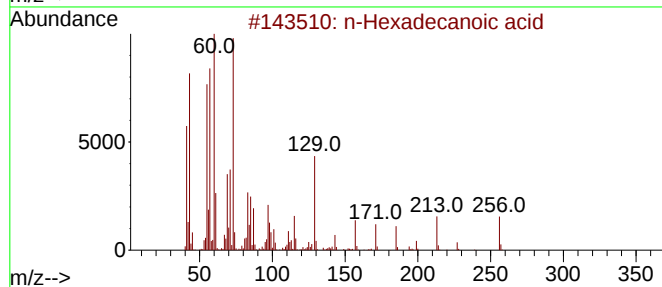
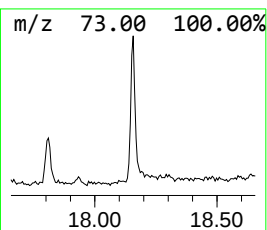
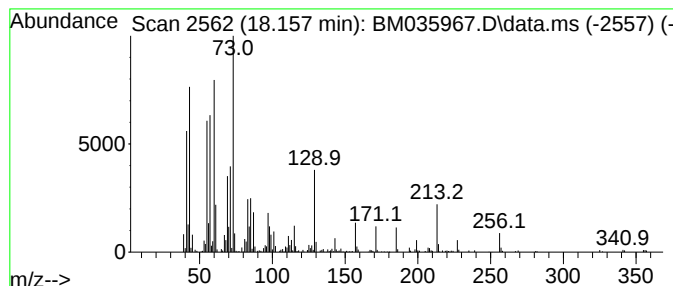
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	2.08 ng/ul	390392	Phenanthrene-d10	17.257

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	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	93



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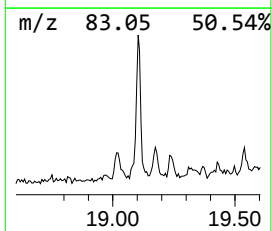
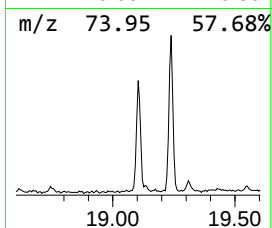
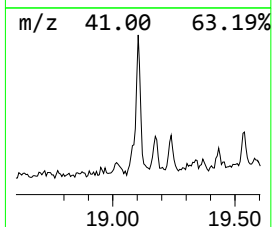
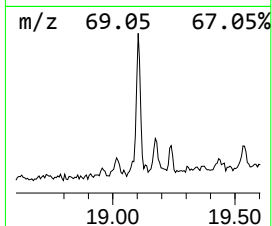
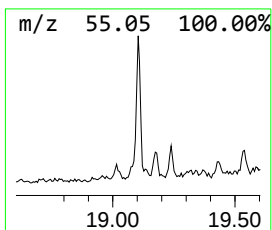
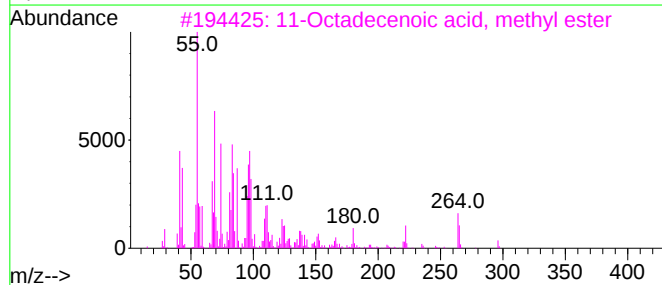
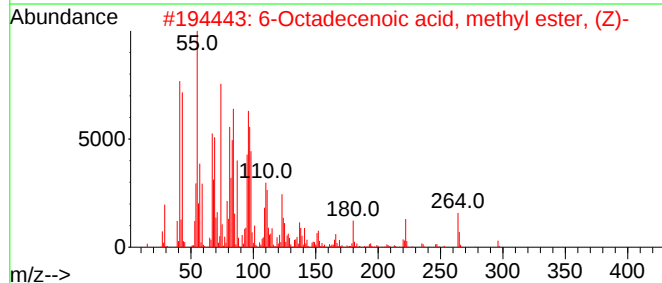
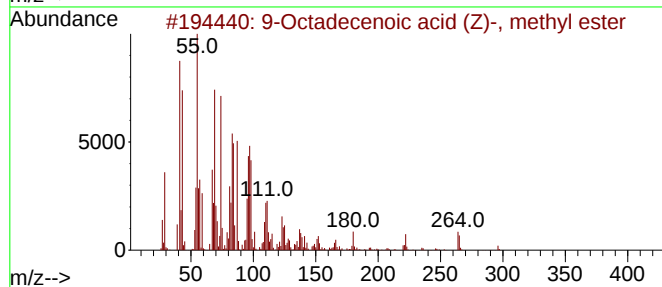
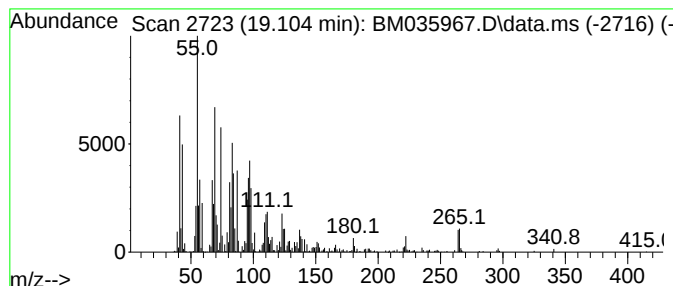
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.104	2.59 ng/ul	484972	Phenanthrene-d10	17.257	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
5	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99



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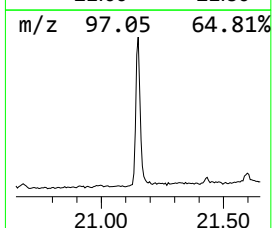
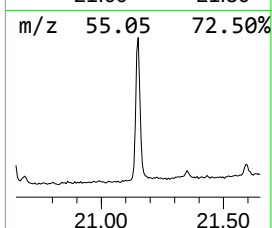
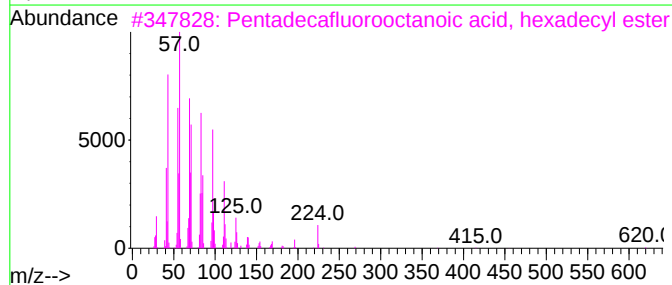
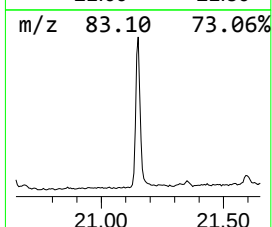
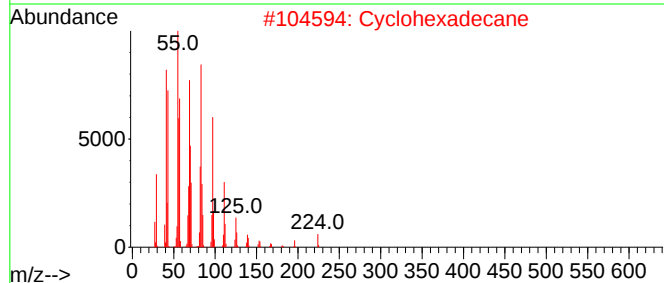
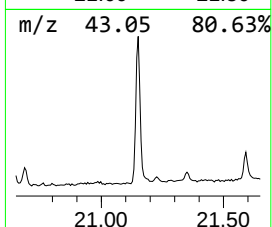
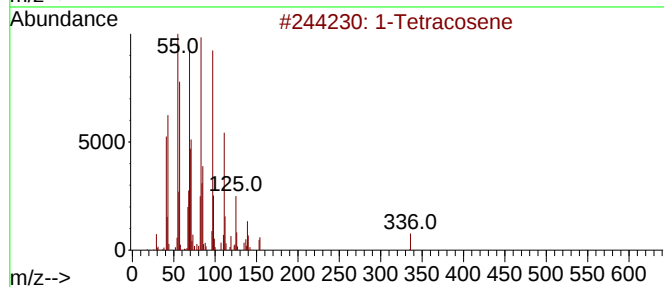
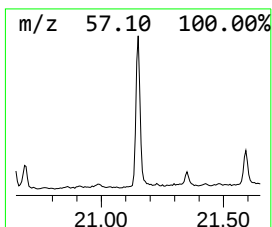
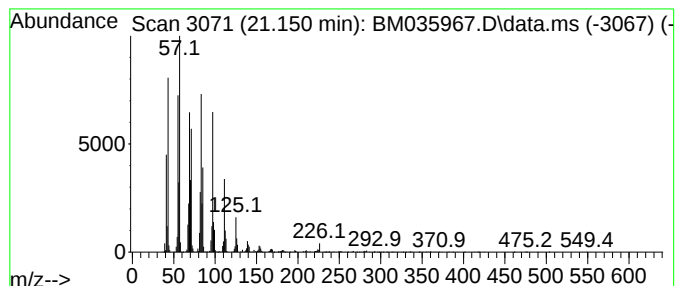
Instrument :
BNA_M
ClientSampleId :
H0B33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.151	8.75 ng/ul	1716630	Chrysene-d12		21.433	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Tetracosene		336	C24H48	010192-32-2	97
2	Cyclohexadecane		224	C16H32	000295-65-8	94
3	Pentadecafluorooctanoic acid, he...		638	C24H33F15O2	1000406-04-6	94
4	1-Hexacosanol		382	C26H54O	000506-52-5	94
5	Pentadecafluorooctanoic acid, oc...		666	C26H37F15O2	1000406-04-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
Data File : BM035967.D
Acq On : 28 Jul 2022 01:43
Operator : CG/JU
Sample : N3741-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0B33

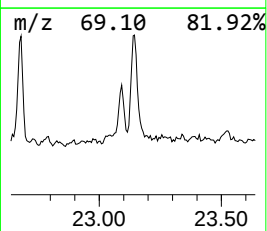
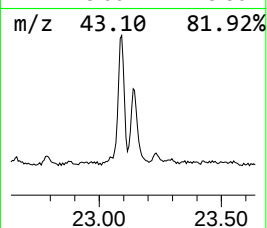
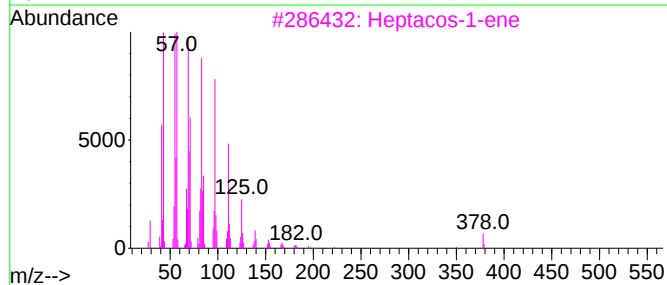
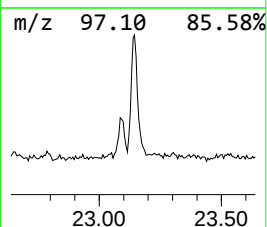
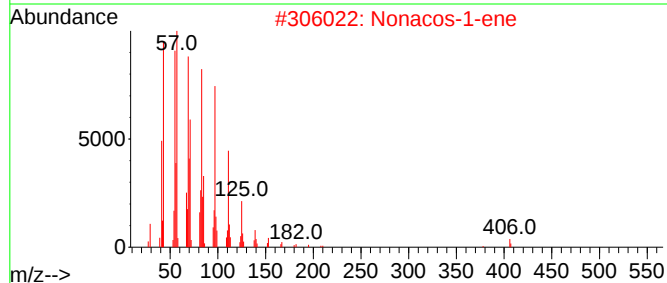
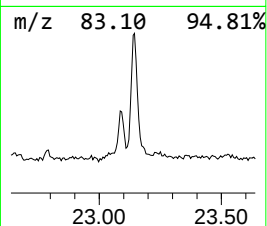
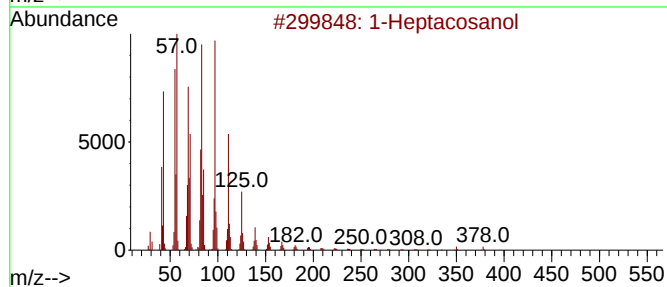
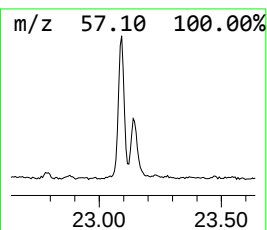
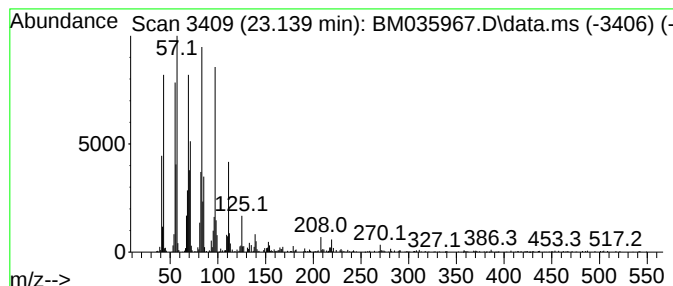
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.139	5.52 ng/ul	1022890	Perylene-d12	23.809

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptacosanol	396	C27H56O	002004-39-9	94
2		Nonacos-1-ene	406	C29H58	018835-35-3	94
3		Heptacos-1-ene	378	C27H54	015306-27-1	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		Octacosanol	410	C28H58O	000557-61-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
Data File : BM035967.D
Acq On : 28 Jul 2022 01:43
Operator : CG/JU
Sample : N3741-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

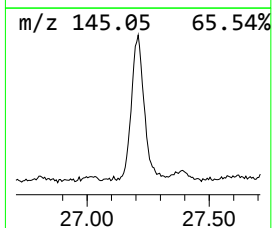
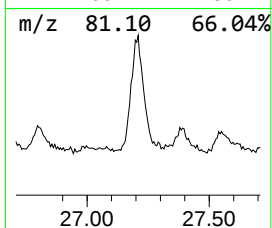
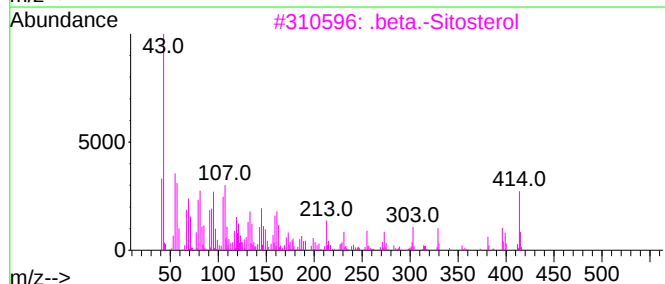
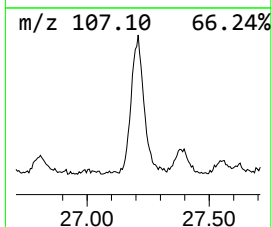
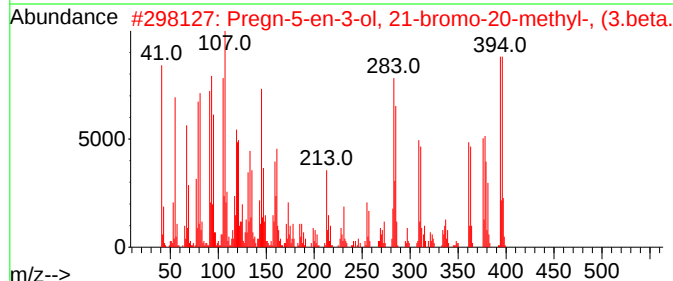
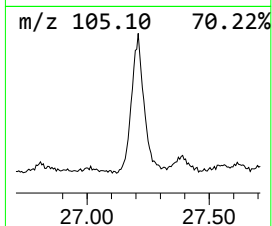
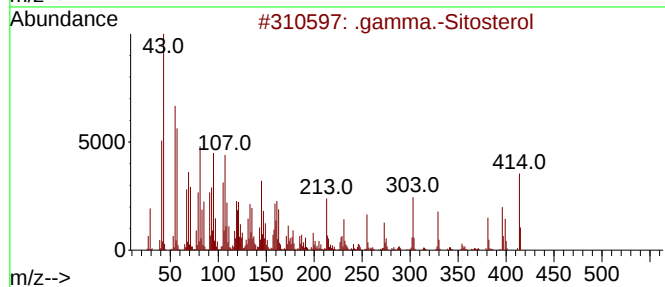
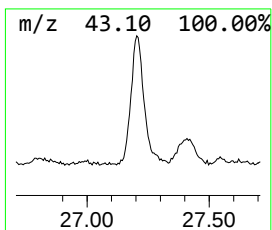
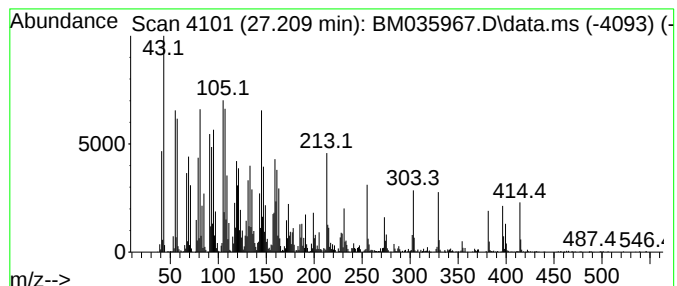
Instrument :
BNA_M
ClientSampleId :
H0B33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
27.209	28.53 ng/ul	5291740	Perylene-d12	23.809		
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol		414	C29H50O	000083-47-6	99
2	Pregn-5-en-3-ol, 21-bromo-20-met...		394	C22H35BrO	055103-80-5	93
3	.beta.-Sitosterol		414	C29H50O	000083-46-5	89
4	.beta.-Sitosterol		414	C29H50O	000083-46-5	78
5	.gamma.-Sitosterol		414	C29H50O	000083-47-6	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072722\
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Operator : CG/JU
Sample : N3741-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0B33

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.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
n-Hexadecanoic ...	18.157	2.1	ng/ul	390392	4	17.257	3750270	20.0
9-Octadecenoic ...	19.104	2.6	ng/ul	484972	4	17.257	3750270	20.0
(DEL) Alkane: S...	21.151	8.8	ng/ul	1716630	5	21.433	3923600	20.0
1-Heptacosanol	23.139	5.5	ng/ul	1022890	6	23.809	3709380	20.0
.gamma.-Sitosterol	27.209	28.5	ng/ul	5291740	6	23.809	3709380	20.0