

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043407.D
 Acq On : 18 Dec 2023 23:34
 Operator : MA/JU
 Sample : 05807-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AX9

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-BM121523.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM043407.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.387	30	34	48	rVB	175479	248638	2.41%	0.179%
2	3.675	80	83	95	rVB	121559	193849	1.88%	0.139%
3	3.810	102	106	133	rVV	2054367	3204323	31.12%	2.305%
4	4.028	137	143	152	rVB	144955	253642	2.46%	0.182%
5	4.140	158	162	168	rVB	31181	42244	0.41%	0.030%
6	4.810	272	276	284	rVB3	24451	43091	0.42%	0.031%
7	4.946	294	299	309	rBV7	16266	29924	0.29%	0.022%
8	5.069	316	320	328	rBV	26632	42460	0.41%	0.031%
9	5.287	350	357	371	rBV	3949564	6155322	59.78%	4.427%
10	5.410	375	378	384	rVB7	9506	14492	0.14%	0.010%
11	6.063	485	489	494	rVB	24808	39229	0.38%	0.028%
12	6.969	640	643	651	rVB8	9499	17808	0.17%	0.013%
13	7.151	667	674	685	rBV	2668060	4249342	41.27%	3.056%
14	7.334	698	705	715	rVB	2042064	3249508	31.56%	2.337%
15	7.522	727	737	748	rBV	2480715	4062797	39.46%	2.922%
16	7.616	748	753	760	rVV3	13439	29760	0.29%	0.021%
17	7.875	792	797	805	rVB	39232	66408	0.64%	0.048%
18	7.992	810	817	821	rBV	1761805	2846826	27.65%	2.048%
19	8.028	821	823	829	rVB	363018	458938	4.46%	0.330%
20	8.704	930	938	945	rBV	3183646	5100591	49.53%	3.669%
21	8.757	945	947	953	rVB2	28520	41552	0.40%	0.030%
22	9.163	1007	1016	1029	rBV	2468815	4118536	40.00%	2.962%
23	9.263	1029	1033	1039	rVV4	18607	33315	0.32%	0.024%
24	9.322	1039	1043	1048	rVB6	11603	20128	0.20%	0.014%
25	9.545	1075	1081	1086	rVB2	15320	27298	0.27%	0.020%
26	9.733	1104	1113	1121	rBV2	106368	183360	1.78%	0.132%
27	9.886	1131	1139	1151	rBV	2012097	3400323	33.02%	2.446%
28	10.316	1208	1212	1219	rBV5	14081	30415	0.30%	0.022%
29	10.422	1221	1230	1250	rVB	2836204	4930277	47.88%	3.546%
30	10.798	1286	1294	1304	rBV	2320957	4003482	38.88%	2.880%
31	10.945	1309	1319	1334	rBV	3096084	5264792	51.13%	3.787%
32	11.357	1382	1389	1398	rVB4	27098	54953	0.53%	0.040%
33	11.551	1416	1422	1441	rVB	122644	260286	2.53%	0.187%
34	11.722	1446	1451	1456	rVB7	8032	14620	0.14%	0.011%
35	12.216	1530	1535	1544	rVB2	38305	61124	0.59%	0.044%
36	12.386	1556	1564	1571	rBV	51815	89822	0.87%	0.065%

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37	12.598	1593	1600	1605	rBV10	7581	17620	0.17%	0.013%
38	12.845	1635	1642	1645	rBV6	6596	10736	0.10%	0.008%
39	13.021	1668	1672	1676	rBV6	9118	13447	0.13%	0.010%
40	13.445	1738	1744	1751	rBV	52381	78608	0.76%	0.057%
41	13.527	1751	1758	1765	rVV2	30000	55729	0.54%	0.040%
42	13.592	1765	1769	1777	rVB6	13105	28342	0.28%	0.020%
43	13.951	1827	1830	1837	rVV9	8783	15662	0.15%	0.011%
44	14.039	1837	1845	1861	rVV	4525157	6449441	62.63%	4.639%
45	14.316	1885	1892	1901	rVB	5555532	8411104	81.68%	6.050%
46	14.621	1937	1944	1953	rBV	3183588	4674936	45.40%	3.363%
47	14.721	1959	1961	1966	rVB6	9312	13360	0.13%	0.010%
48	14.821	1968	1978	1993	rBV	2502517	3851776	37.41%	2.771%
49	15.051	2008	2017	2024	rVB3	49149	103660	1.01%	0.075%
50	15.615	2106	2113	2126	rVB	6901501	9582436	93.06%	6.892%
51	15.733	2127	2133	2145	rBV	1937490	2682662	26.05%	1.930%
52	15.857	2148	2154	2159	rVB3	30660	54478	0.53%	0.039%
53	16.180	2203	2209	2213	rBV8	7044	14817	0.14%	0.011%
54	16.333	2227	2235	2239	rBV9	13925	26290	0.26%	0.019%
55	16.392	2242	2245	2252	rVB4	26266	40916	0.40%	0.029%
56	16.557	2268	2273	2275	rBV6	15902	21702	0.21%	0.016%
57	16.762	2304	2308	2312	rBV7	13611	20896	0.20%	0.015%
58	17.039	2353	2355	2360	rVB6	11225	13110	0.13%	0.009%
59	17.121	2364	2369	2371	rBV4	9653	12830	0.12%	0.009%
60	17.362	2401	2410	2417	rBV	3380158	4921694	47.80%	3.540%
61	17.462	2420	2427	2437	rBV2	6745829	9688750	94.09%	6.969%
62	17.562	2437	2444	2448	rVV2	82738	119994	1.17%	0.086%
63	17.621	2450	2454	2457	rVV6	8434	11364	0.11%	0.008%
64	17.751	2472	2476	2480	rBV6	24830	32165	0.31%	0.023%
65	18.039	2522	2525	2531	rVB7	9189	17046	0.17%	0.012%
66	18.262	2558	2563	2580	rBV	553974	976829	9.49%	0.703%
67	18.556	2611	2613	2616	rBV3	12943	15715	0.15%	0.011%
68	18.592	2616	2619	2623	rVB6	17642	26222	0.25%	0.019%
69	18.692	2632	2636	2642	rVB	55768	66547	0.65%	0.048%
70	19.192	2719	2721	2724	rVB3	15536	12902	0.13%	0.009%
71	19.315	2738	2742	2747	rVB2	82323	100980	0.98%	0.073%
72	19.386	2750	2754	2758	rBV2	102087	163178	1.58%	0.117%
73	19.539	2776	2780	2784	rBV2	110314	153793	1.49%	0.111%
74	19.750	2810	2816	2823	rBV	7713384	10208604	99.14%	7.343%
75	19.809	2823	2826	2831	rVB2	40027	52213	0.51%	0.038%
76	20.268	2901	2904	2907	rBV2	71373	92193	0.90%	0.066%

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77	20.303	2907	2910	2914	rVB	82744	92205	0.90%	0.066%
78	20.797	2991	2994	2998	rVB	104452	122693	1.19%	0.088%
79	21.256	3068	3072	3083	rBV	1426897	1981349	19.24%	1.425%
80	21.539	3115	3120	3127	rBV	3559709	4734168	45.98%	3.405%
81	21.715	3147	3150	3154	rVB	152472	178089	1.73%	0.128%
82	22.197	3227	3232	3241	rVB2	184888	431687	4.19%	0.311%
83	23.809	3498	3506	3516	rVB2	5246807	10297243	100.00%	7.407%
84	23.968	3526	3533	3541	rVB	2363149	4915326	47.73%	3.536%
85	24.738	3661	3664	3675	rVB2	267112	536324	5.21%	0.386%

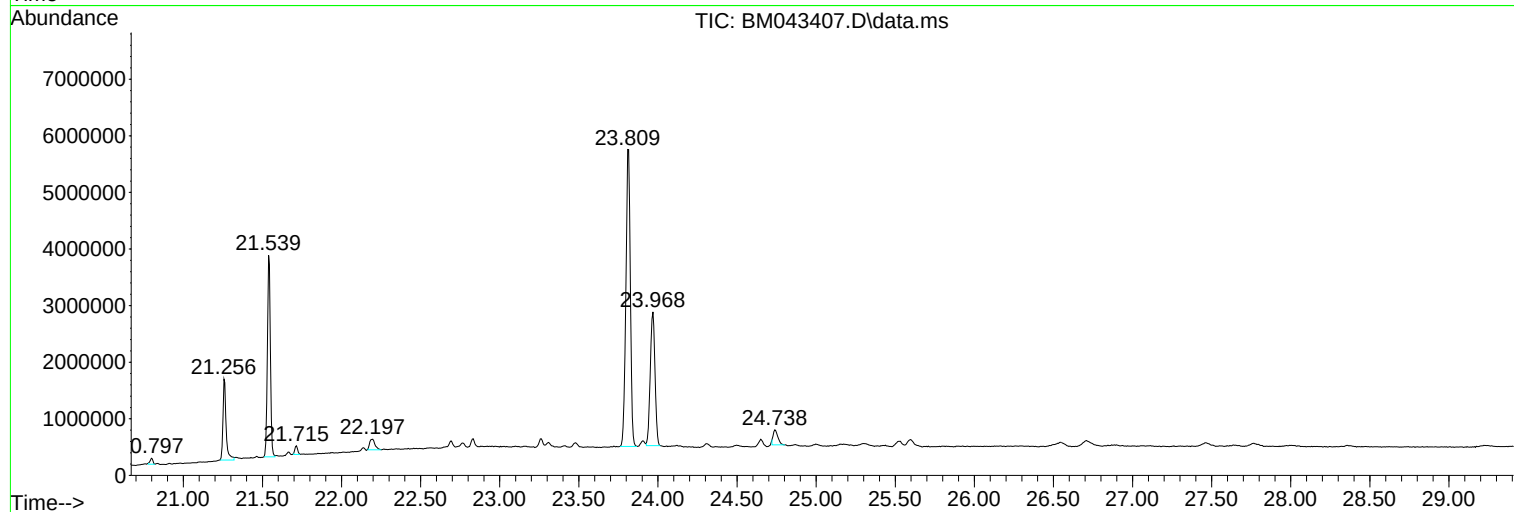
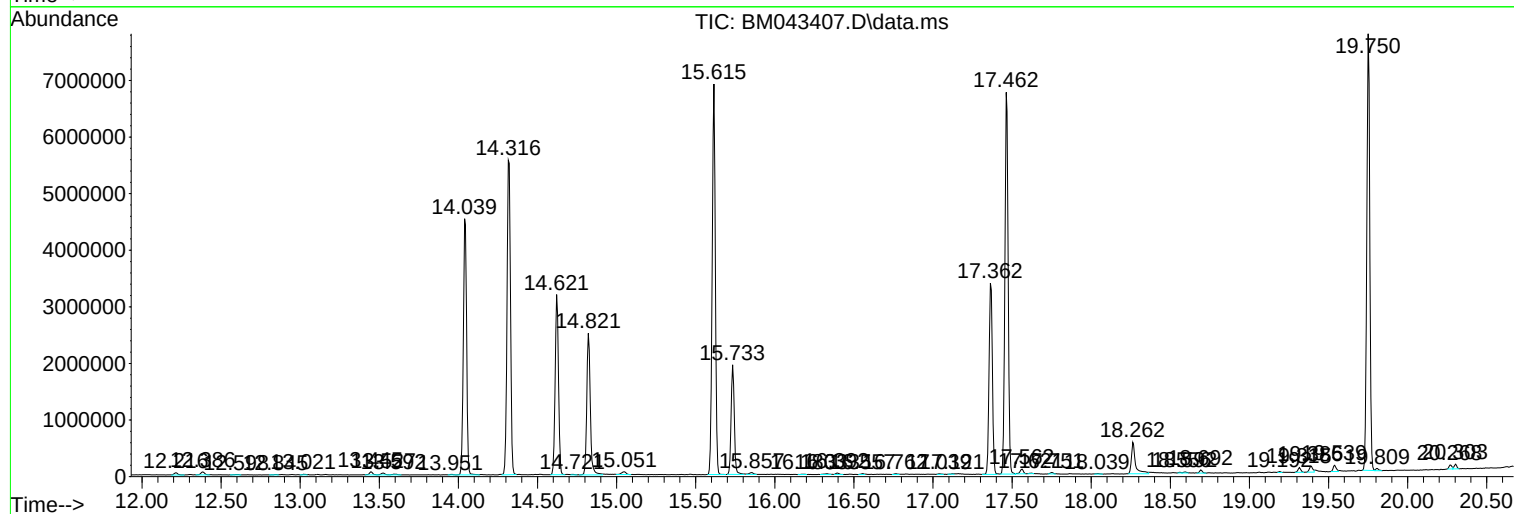
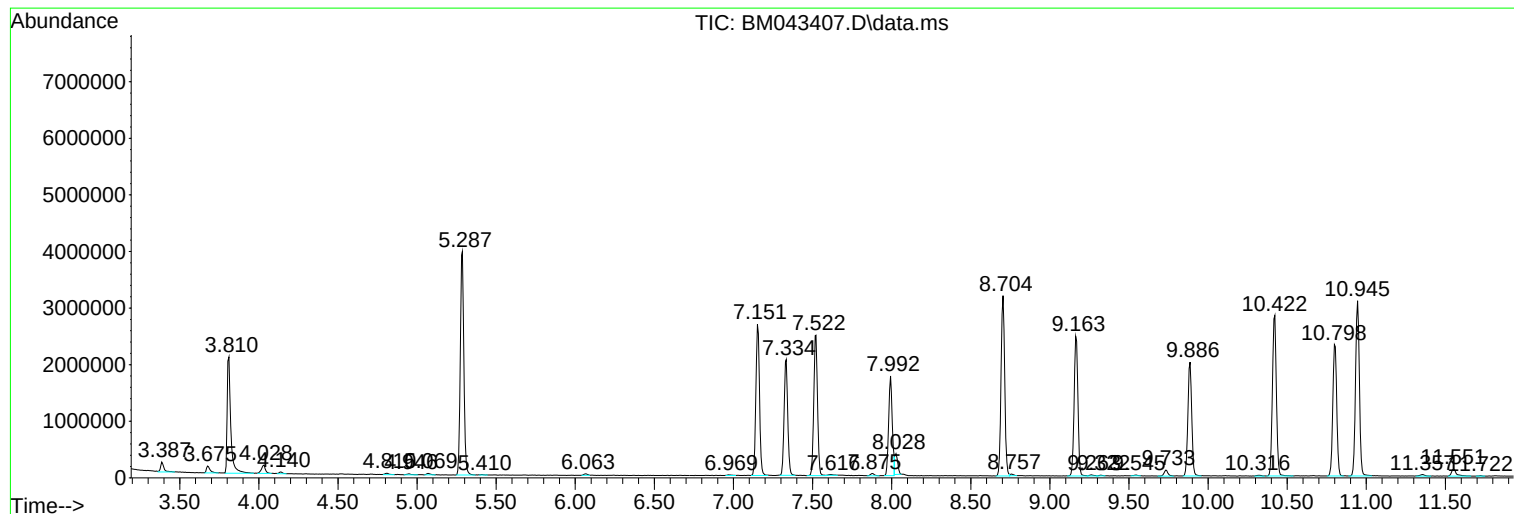
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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



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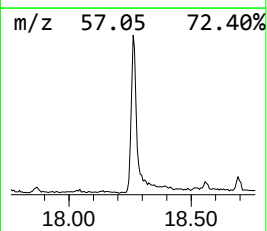
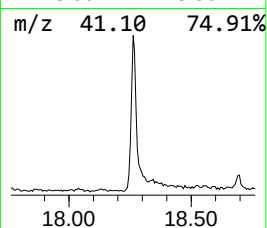
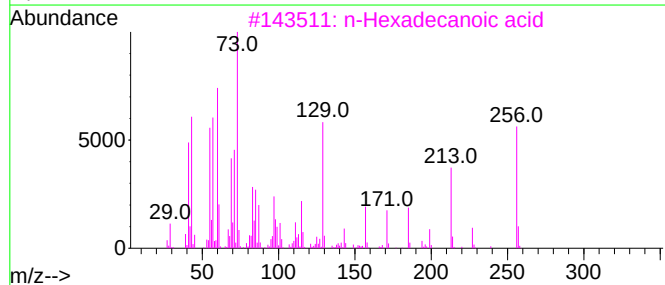
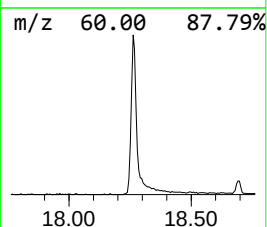
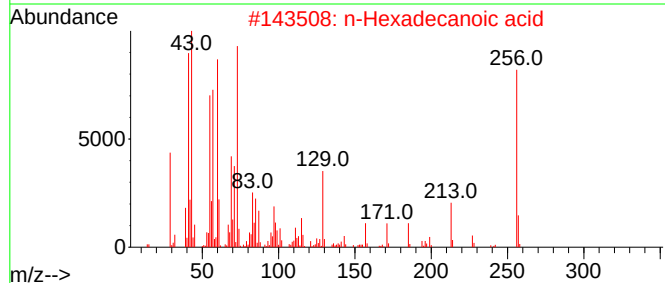
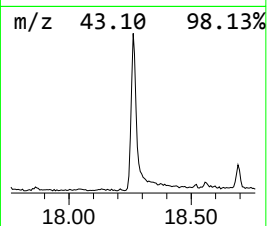
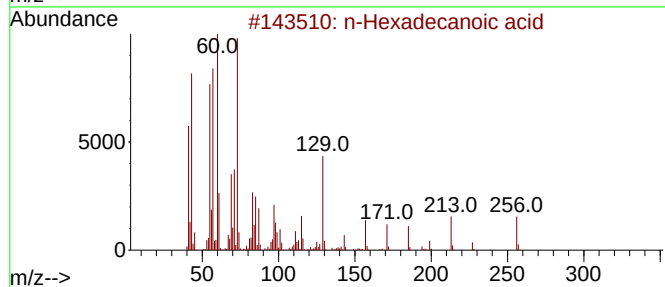
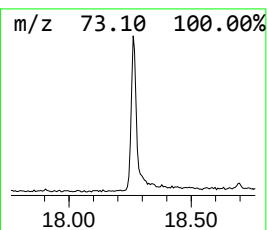
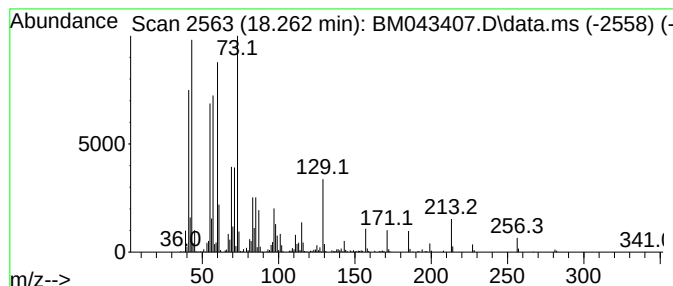
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.262	3.97 ng/ul	976829	Phenanthrene-d10	17.362

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			Tridecanoic acid	214	C13H26O2	000638-53-9	94



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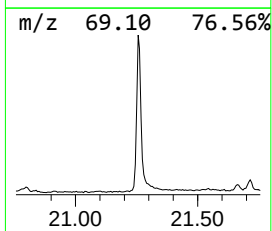
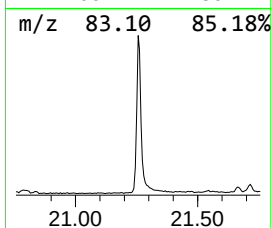
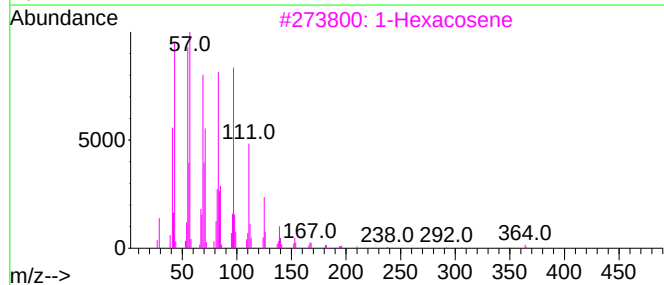
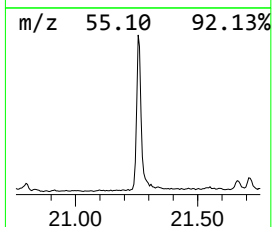
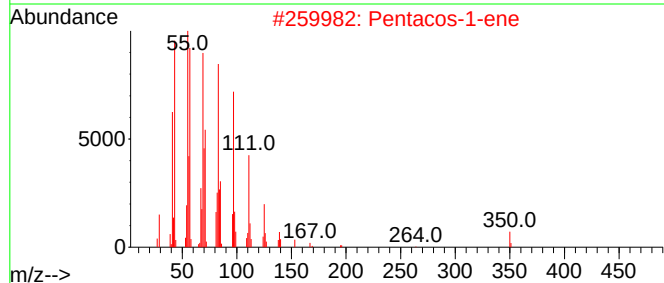
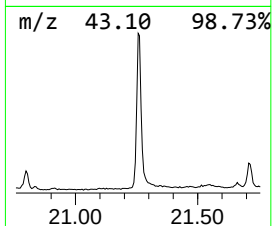
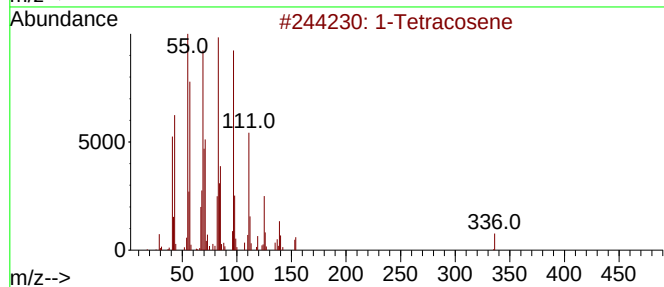
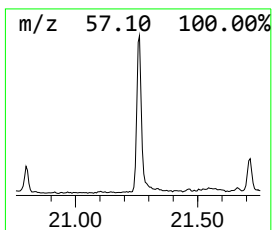
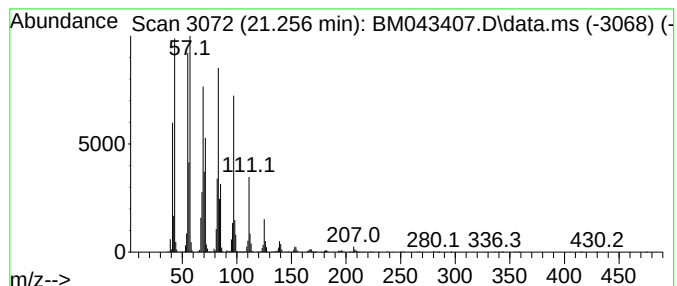
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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.
21.256	8.37 ng/ul	1981350	Chrysene-d12	21.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Tetracosene	336	C24H48	010192-32-2	99
2		Pentacos-1-ene	350	C25H50	016980-85-1	94
3		1-Hexacosene	364	C26H52	018835-33-1	94
4		1-Tetracosene	336	C24H48	010192-32-2	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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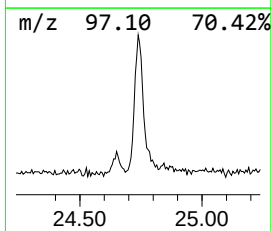
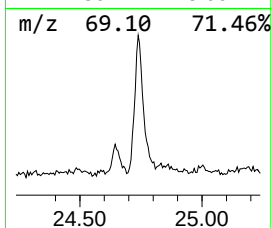
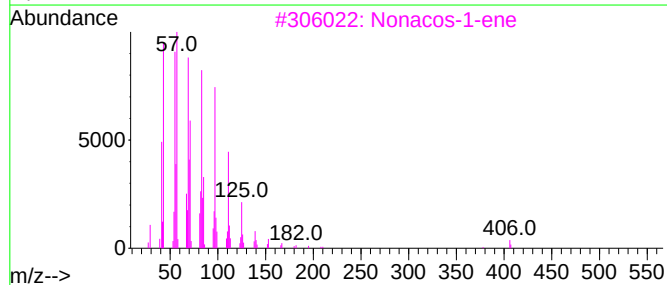
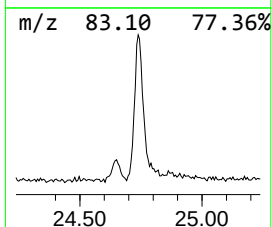
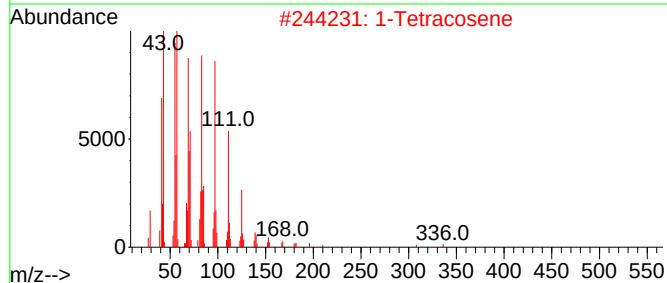
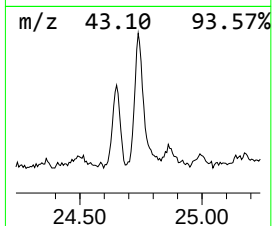
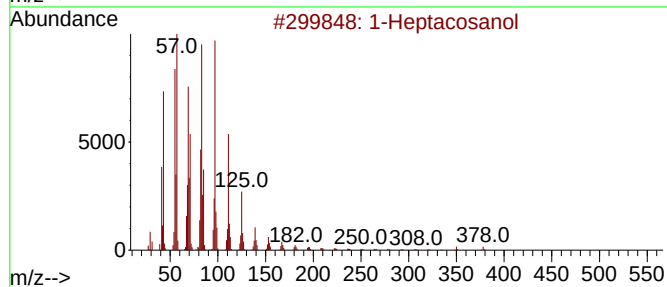
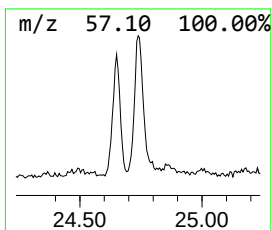
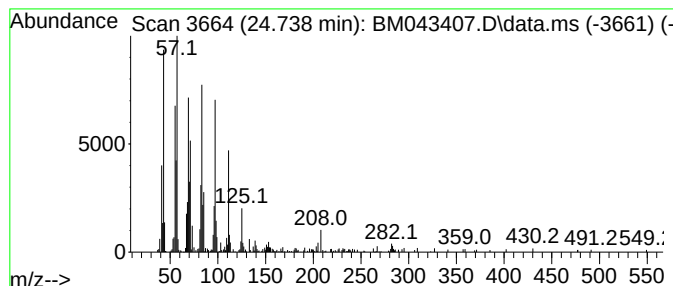
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.738	2.18 ng/ul	536324	Perylene-d12	23.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	94
2			1-Tetracosene	336	C24H48	010192-32-2	93
3			Nonacos-1-ene	406	C29H58	018835-35-3	93
4			Octacosyl acetate	452	C30H60O2	018206-97-8	91
5			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.262	4.0	ng/u1	976829	4	17.362	4921690	20.0
(DEL) Alkane: S...	21.256	8.4	ng/u1	1981350	5	21.539	4734170	20.0
1-Heptacosanol	24.738	2.2	ng/u1	536324	6	23.968	4915330	20.0