

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
 Data File : BM029888.D
 Acq On : 07 May 2021 22:46
 Operator : CG/JU
 Sample : M2129-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0AC0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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-BM050721.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.487	100	102	123	rVB	201570	504557	12.04%	1.125%
2	6.234	567	569	573	rBV4	4559	5951	0.14%	0.013%
3	6.740	649	655	673	rBV	456762	874955	20.88%	1.950%
4	6.904	677	683	694	rBV	356316	623429	14.88%	1.390%
5	7.093	708	715	727	rBV	519816	887031	21.17%	1.977%
6	7.557	787	794	804	rBV	470994	815001	19.45%	1.817%
7	7.775	829	831	837	rVB6	3513	4804	0.11%	0.011%
8	8.269	909	915	923	rBV	586551	1031253	24.61%	2.299%
9	8.710	982	990	1000	rBV	498505	899512	21.47%	2.005%
10	9.128	1058	1061	1067	rVB3	6346	7629	0.18%	0.017%
11	9.428	1104	1112	1125	rBV	418071	758323	18.10%	1.690%
12	9.628	1144	1146	1154	rVB7	2612	4660	0.11%	0.010%
13	9.869	1181	1187	1190	rBV5	8284	14190	0.34%	0.032%
14	9.963	1197	1203	1225	rBV	588712	1160207	27.69%	2.586%
15	10.328	1258	1265	1275	rBV	767325	1295124	30.91%	2.887%
16	10.481	1284	1291	1320	rBV	470857	1106865	26.42%	2.467%
17	11.616	1479	1484	1489	rBV7	2453	5189	0.12%	0.012%
18	11.781	1505	1512	1517	rVB8	4011	8436	0.20%	0.019%
19	11.869	1523	1527	1531	rBV5	3328	6064	0.14%	0.014%
20	11.939	1535	1539	1540	rBV4	5053	6221	0.15%	0.014%
21	12.551	1636	1643	1646	rBV4	3617	5608	0.13%	0.012%
22	12.751	1671	1677	1683	rVB5	3359	7369	0.18%	0.016%
23	12.810	1683	1687	1692	rVB5	3693	6429	0.15%	0.014%
24	13.033	1720	1725	1728	rBV2	8519	12101	0.29%	0.027%
25	13.110	1733	1738	1742	rVB3	12060	20993	0.50%	0.047%
26	13.369	1777	1782	1787	rBV5	4481	7508	0.18%	0.017%
27	13.622	1819	1825	1830	rBV	1456477	1979877	47.25%	4.413%
28	13.669	1830	1833	1843	rVB	88270	149969	3.58%	0.334%
29	13.892	1862	1871	1882	rBV	1677714	2429579	57.98%	5.415%
30	14.122	1905	1910	1914	rVB2	15117	21674	0.52%	0.048%
31	14.204	1917	1924	1936	rBV	1260130	1846532	44.07%	4.116%
32	14.439	1957	1964	1992	rBV2	214772	730991	17.45%	1.629%
33	14.645	1995	1999	2006	rVB5	29588	52165	1.24%	0.116%
34	14.733	2012	2014	2019	rVV6	3568	5301	0.13%	0.012%

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35	14.810	2023	2027	2029	rVB4	3958	4458	0.11%	0.010%
36	14.845	2029	2033	2037	rVB5	5859	8088	0.19%	0.018%
37	14.969	2050	2054	2059	rVV	8148	12062	0.29%	0.027%
38	15.069	2066	2071	2076	rVB3	16394	25315	0.60%	0.056%
39	15.198	2087	2093	2107	rBV	2052027	3048954	72.76%	6.796%
40	15.333	2111	2116	2130	rVV	508878	780282	18.62%	1.739%
41	15.445	2130	2135	2138	rBV2	21906	33132	0.79%	0.074%
42	15.557	2150	2154	2156	rBV4	6133	8815	0.21%	0.020%
43	15.686	2172	2176	2180	rVB7	5070	7844	0.19%	0.017%
44	15.774	2185	2191	2194	rBV5	5081	8807	0.21%	0.020%
45	15.886	2206	2210	2214	rBV4	7337	10263	0.24%	0.023%
46	15.939	2214	2219	2220	rBV4	12518	16707	0.40%	0.037%
47	15.992	2225	2228	2233	rVB6	14242	20257	0.48%	0.045%
48	16.086	2233	2244	2245	rBV9	7991	13858	0.33%	0.031%
49	16.192	2257	2262	2266	rVB	16250	21018	0.50%	0.047%
50	16.298	2276	2280	2284	rBV6	7189	10776	0.26%	0.024%
51	16.380	2290	2294	2302	rVB9	9368	18551	0.44%	0.041%
52	16.627	2334	2336	2341	rVB5	5557	6629	0.16%	0.015%
53	16.692	2342	2347	2350	rBV6	10862	18312	0.44%	0.041%
54	16.727	2350	2353	2357	rVV5	11712	21172	0.51%	0.047%
55	16.774	2359	2361	2365	rVB2	10530	12369	0.30%	0.028%
56	16.863	2373	2376	2384	rVB4	17916	28136	0.67%	0.063%
57	16.951	2384	2391	2398	rBV	1480590	2194620	52.37%	4.892%
58	17.004	2398	2400	2402	rVV3	17657	23032	0.55%	0.051%
59	17.045	2402	2407	2422	rVV	2202706	3228764	77.05%	7.197%
60	17.163	2424	2427	2430	rVB5	8508	13133	0.31%	0.029%
61	17.251	2439	2442	2444	rBV3	7627	7621	0.18%	0.017%
62	17.321	2451	2454	2455	rBV3	5955	6070	0.14%	0.014%
63	17.345	2456	2458	2461	rVB4	8094	8125	0.19%	0.018%
64	17.463	2474	2478	2480	rBV3	8383	9877	0.24%	0.022%
65	17.492	2482	2483	2486	rVB3	4885	4205	0.10%	0.009%
66	17.621	2498	2505	2511	rBV3	8082	20336	0.49%	0.045%
67	17.745	2521	2526	2530	rBV6	14146	23262	0.56%	0.052%
68	17.798	2531	2535	2540	rBV	35682	54297	1.30%	0.121%
69	17.863	2540	2546	2563	rVV	559670	902646	21.54%	2.012%
70	18.151	2592	2595	2599	rBV5	10854	18979	0.45%	0.042%
71	18.533	2657	2660	2667	rVB9	10454	15959	0.38%	0.036%

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72	18.610	2667	2673	2679	rBV	21416	38903	0.93%	0.087%
73	18.792	2701	2704	2710	rVB7	10301	12413	0.30%	0.028%
74	18.880	2717	2719	2722	rBV3	4525	5696	0.14%	0.013%
75	18.986	2728	2737	2741	rBV4	30511	82394	1.97%	0.184%
76	19.027	2741	2744	2745	rVV3	29833	35846	0.86%	0.080%
77	19.051	2745	2748	2756	rVV3	47972	97817	2.33%	0.218%
78	19.145	2759	2764	2774	rVV	337870	538812	12.86%	1.201%
79	19.233	2776	2779	2786	rVB2	32455	59691	1.42%	0.133%
80	19.345	2792	2798	2806	rBV	3087730	3921427	93.59%	8.741%
81	19.409	2806	2809	2814	rVB3	44559	56034	1.34%	0.125%
82	20.862	3051	3056	3065	rBV	689622	1088879	25.99%	2.427%
83	21.133	3097	3102	3115	rBV	1995497	2670922	63.74%	5.953%
84	22.162	3274	3277	3281	rVB	90057	103273	2.46%	0.230%
85	22.645	3355	3359	3363	rBV	173516	241801	5.77%	0.539%
86	23.156	3439	3446	3459	rBV2	2128180	4190215	100.00%	9.340%
87	23.292	3462	3469	3480	rVB2	1352617	2537869	60.57%	5.657%
88	23.797	3550	3555	3562	rVB	276330	509344	12.16%	1.135%
89	24.503	3670	3675	3684	rBV	312905	710830	16.96%	1.584%

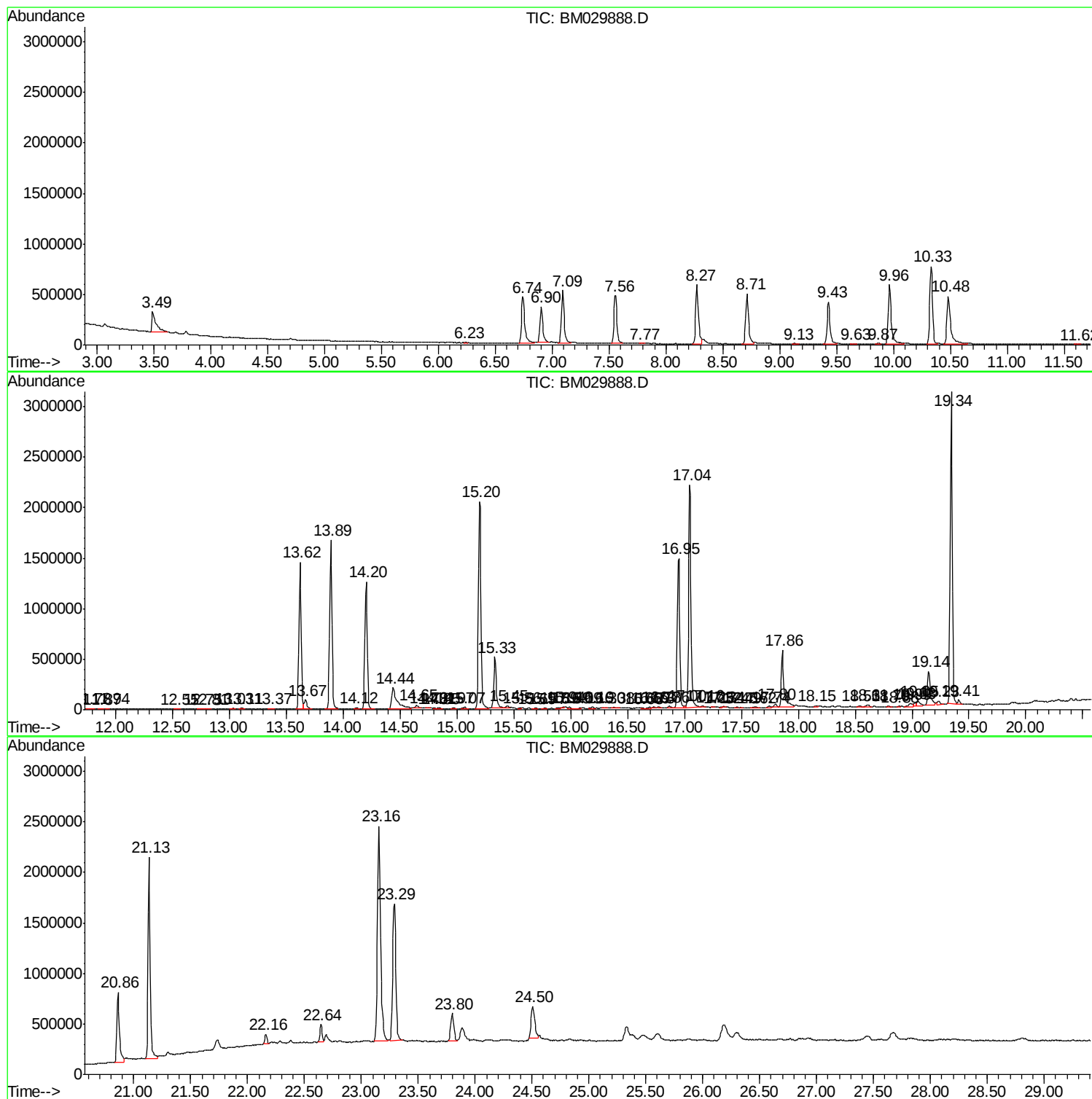
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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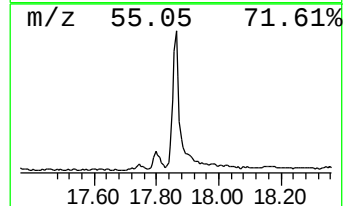
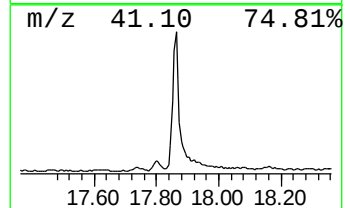
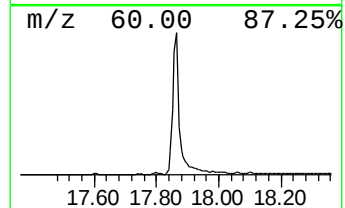
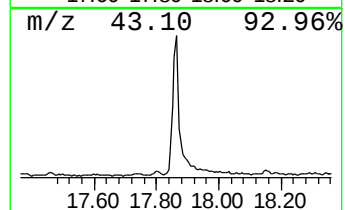
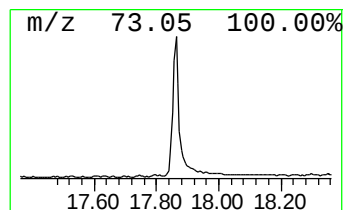
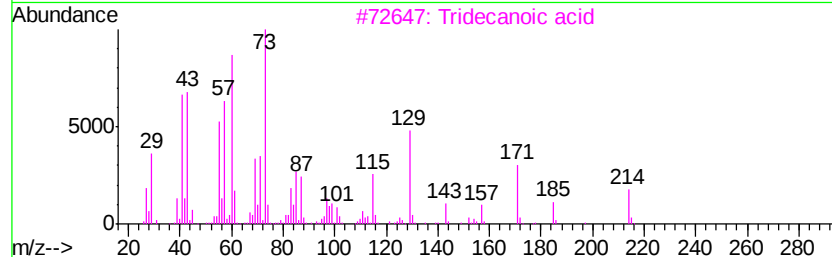
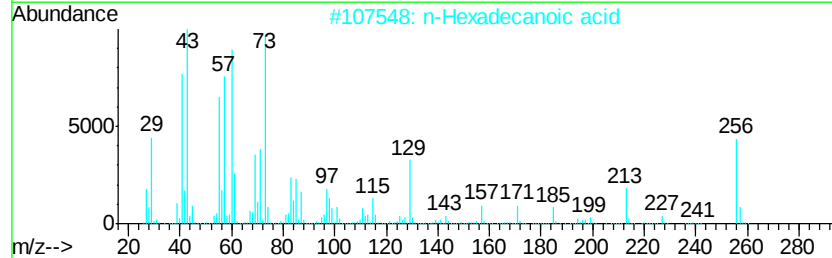
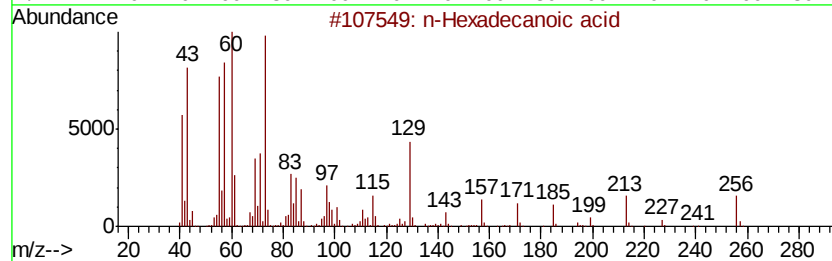
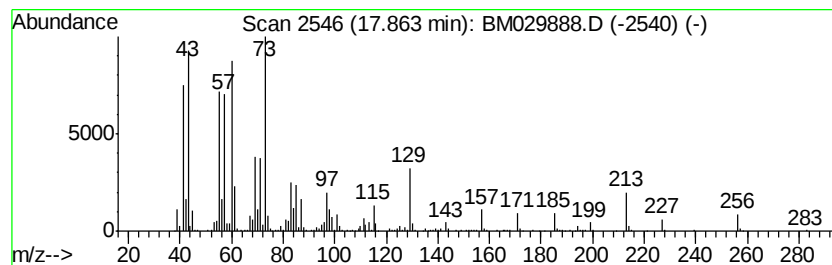
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.86	8.23 ng/ul	902646	Phenanthrene-d10		16.95	
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	Tridecanoic acid		214	C13H26O2	000638-53-9	94
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	93
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	91



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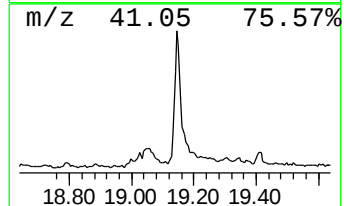
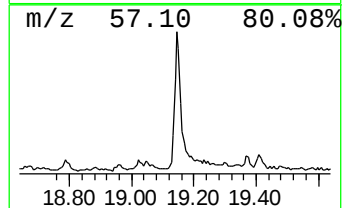
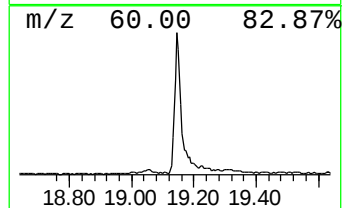
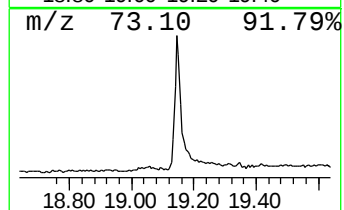
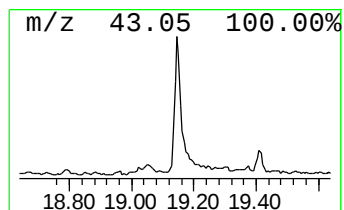
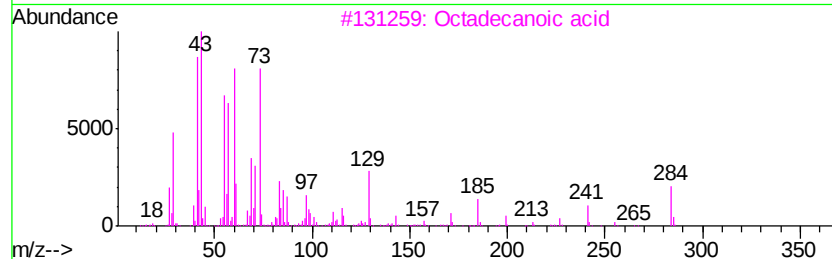
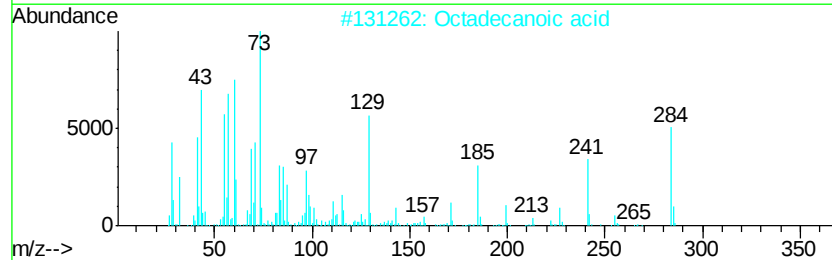
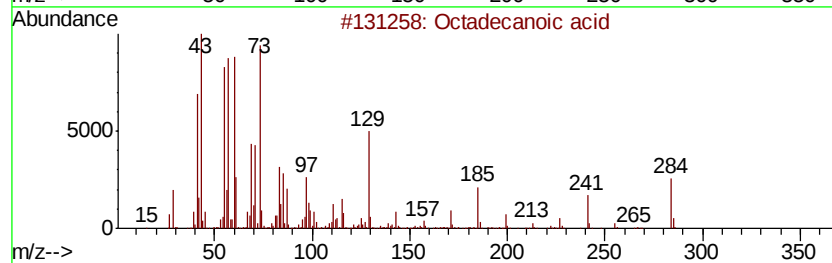
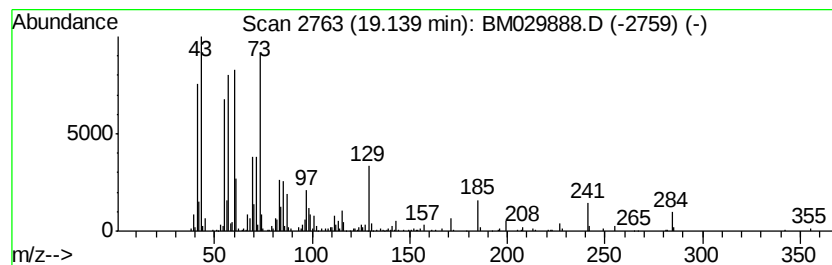
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	4.03 ng/ul	538812	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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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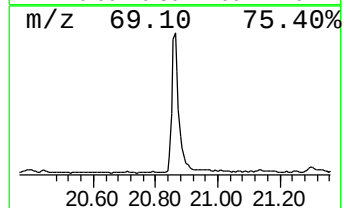
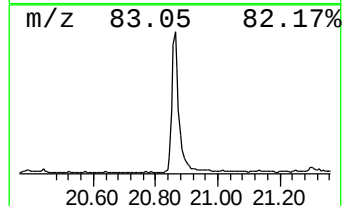
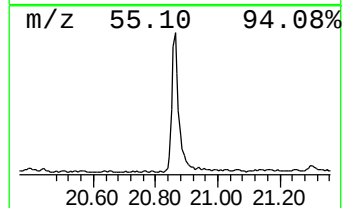
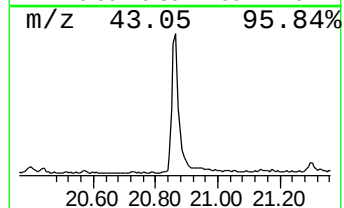
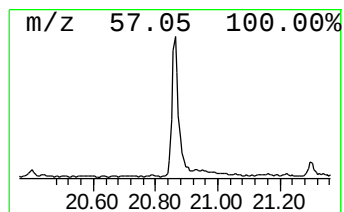
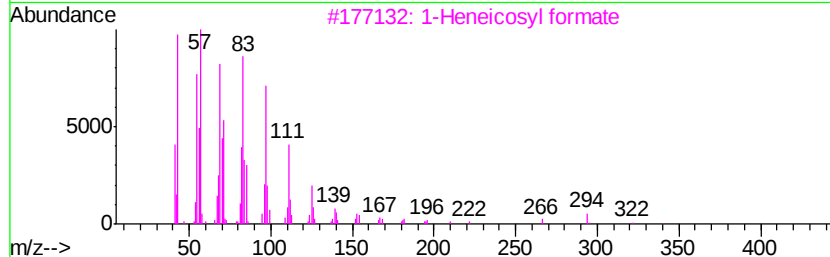
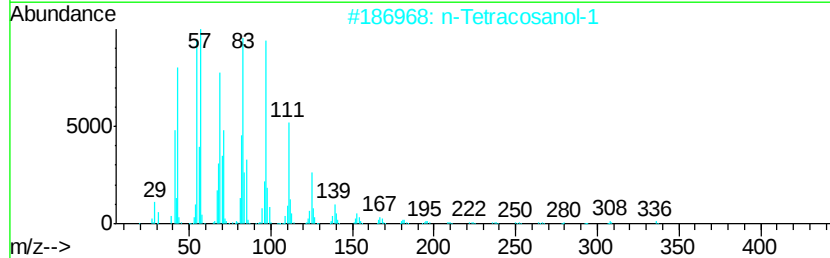
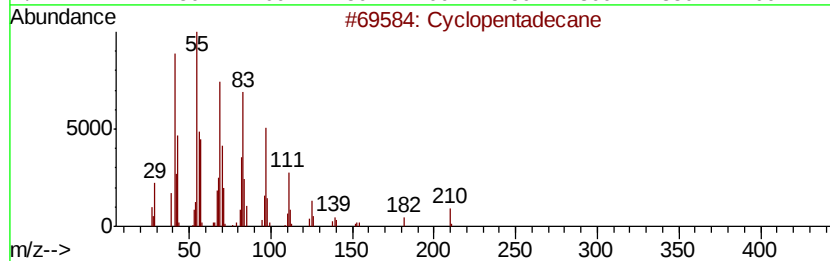
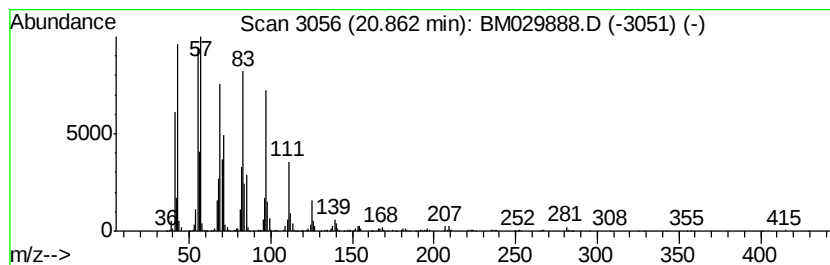
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.86 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	8.15 ng/ul	1088880	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	97
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



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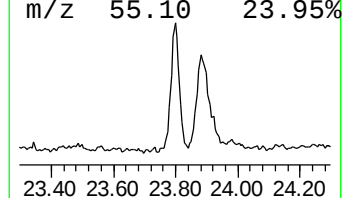
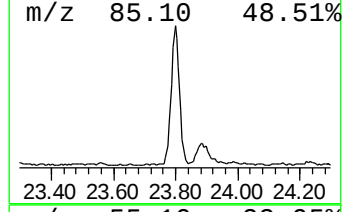
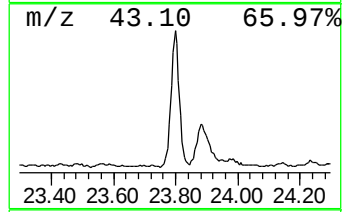
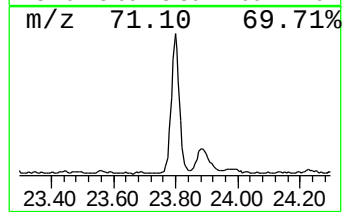
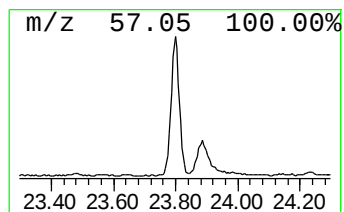
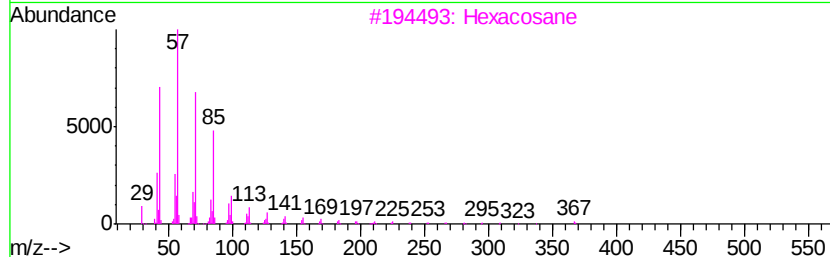
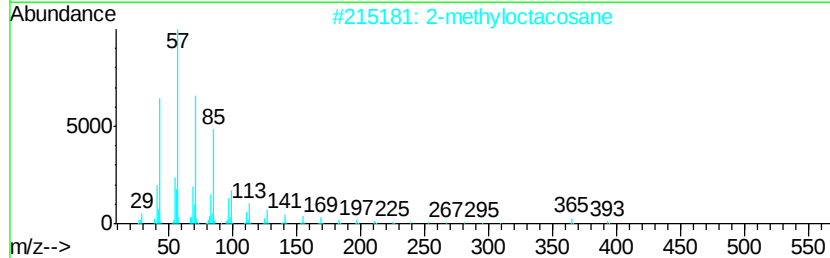
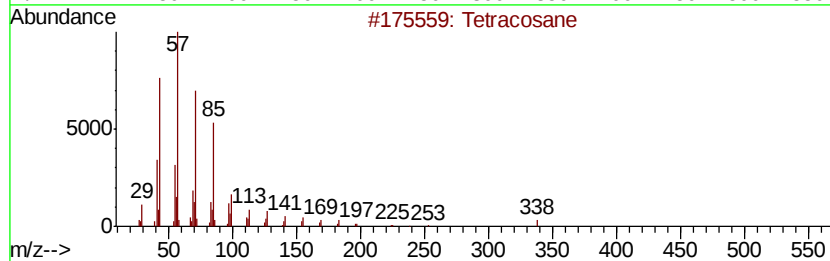
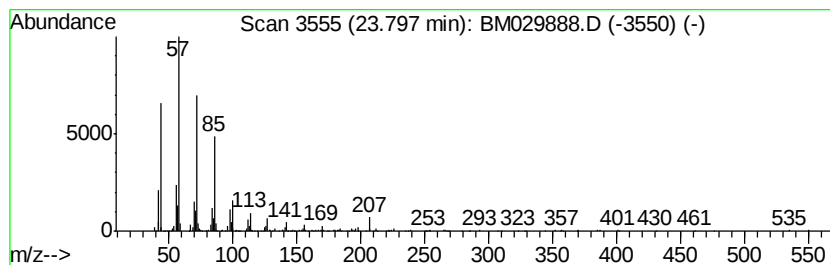
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	4.01 ng/ul	509344	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029888.D
Acq On : 07 May 2021 22:46
Operator : CG/JU
Sample : M2129-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0AC0

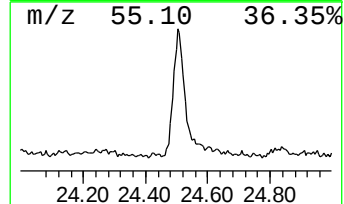
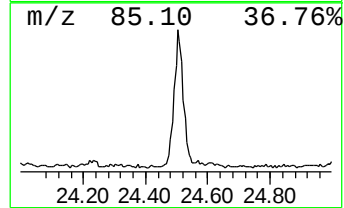
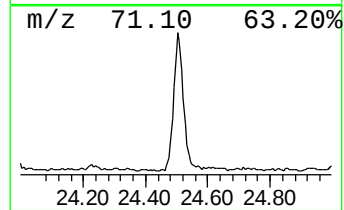
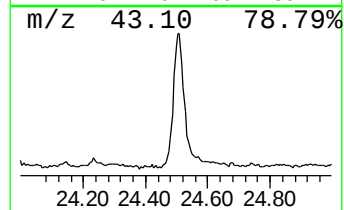
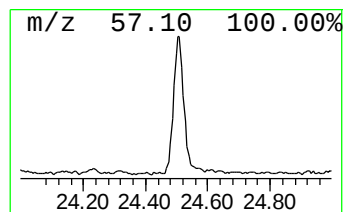
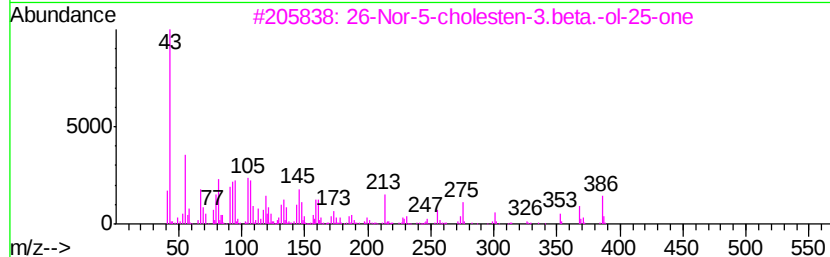
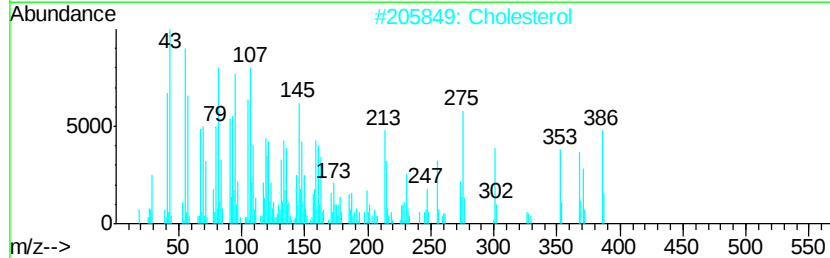
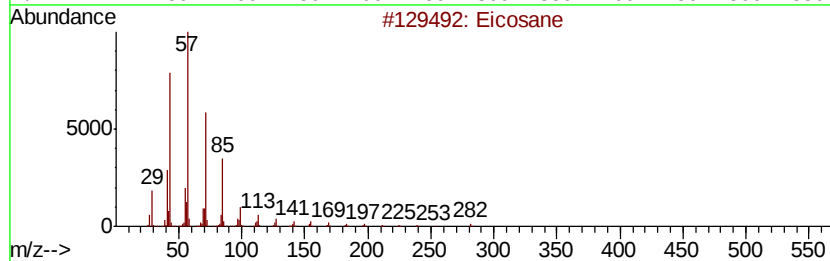
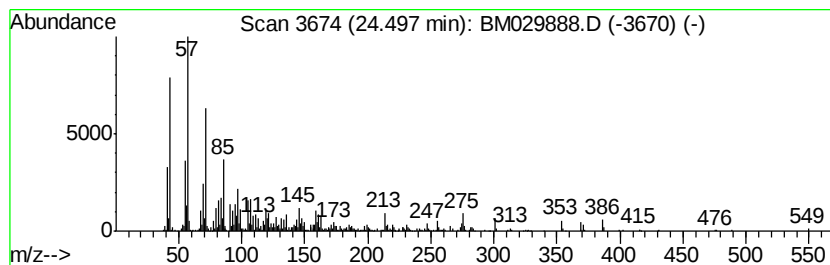
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.50	5.60 ng/ul	710830	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Cholesterol	386	C27H46O	000057-88-5	91
3		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	90
4		Octacosane	394	C28H58	000630-02-4	60
5		Eicosane	282	C20H42	000112-95-8	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050721\
Data File : BM029888.D
Acq On : 07 May 2021 22:46
Operator : CG/JU
Sample : M2129-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0AC0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.86	8.2	ng/ul	902646	4	16.95	2194620	20.0
Octadecanoic acid	19.14	4.0	ng/ul	538812	5	21.13	2670920	20.0
(DEL) Alkane: Cyc...	20.86	8.2	ng/ul	1088880	5	21.13	2670920	20.0
(DEL) Alkane: Str...	23.80	4.0	ng/ul	509344	6	23.29	2537870	20.0
(DEL) Alkane: Str...	24.50	5.6	ng/ul	710830	6	23.29	2537870	20.0