

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042321\
 Data File : BN014391.D
 Acq On : 23 Apr 2021 23:25
 Operator : CG/JU
 Sample : M2065-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG569

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_N\METHODS\SFAM-EPA-BN041521.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	3.617	87	90	105	rBV	210037	370801	10.88%	1.012%
2	6.852	635	640	649	rBV	506976	856031	25.13%	2.337%
3	7.022	664	669	683	rVB	427936	686432	20.15%	1.874%
4	7.216	696	702	711	rVB	547554	879031	25.80%	2.399%
5	7.687	776	782	789	rVB	524494	831846	24.42%	2.271%
6	8.381	894	900	908	rBV	645408	1022161	30.00%	2.790%
7	8.828	970	976	986	rVB	516304	865285	25.40%	2.362%
8	9.269	1048	1051	1058	rVB	13659	21214	0.62%	0.058%
9	9.552	1092	1099	1110	rVB	349106	586334	17.21%	1.600%
10	10.081	1183	1189	1197	rBV	655073	1049045	30.79%	2.863%
11	10.463	1246	1254	1261	rBV	724539	1231393	36.14%	3.361%
12	10.593	1269	1276	1288	rBV	608776	1032012	30.29%	2.817%
13	11.969	1505	1510	1512	rBV3	2729	4072	0.12%	0.011%
14	12.051	1520	1524	1529	rVB2	11033	17315	0.51%	0.047%
15	12.298	1563	1566	1571	rVB2	4006	5651	0.17%	0.015%
16	12.869	1660	1663	1666	rVB5	2731	3533	0.10%	0.010%
17	13.157	1708	1712	1717	rVV2	7507	10836	0.32%	0.030%
18	13.222	1717	1723	1731	rVV7	5423	9832	0.29%	0.027%
19	13.287	1731	1734	1736	rVV3	2878	3694	0.11%	0.010%
20	13.310	1736	1738	1744	rVB3	3280	4173	0.12%	0.011%
21	13.734	1804	1810	1814	rVV	1174485	1606476	47.15%	4.385%
22	13.775	1814	1817	1823	rVV	91508	123924	3.64%	0.338%
23	13.816	1823	1824	1829	rVV3	3263	3758	0.11%	0.010%
24	13.863	1829	1832	1837	rVB3	2412	3774	0.11%	0.010%
25	14.010	1847	1857	1865	rBV	1484315	2150472	63.12%	5.870%
26	14.157	1878	1882	1885	rVV6	4793	6569	0.19%	0.018%
27	14.234	1889	1895	1899	rVB4	5569	10977	0.32%	0.030%
28	14.322	1899	1910	1922	rVB2	1102146	1618103	47.49%	4.417%
29	14.428	1922	1928	1931	rBV4	2280	4010	0.12%	0.011%
30	14.516	1936	1943	1951	rBV	401987	585394	17.18%	1.598%
31	14.739	1976	1981	1988	rBV5	28514	40024	1.17%	0.109%
32	14.863	1998	2002	2008	rBV7	3426	6185	0.18%	0.017%
33	14.928	2008	2013	2016	rBV4	2618	3986	0.12%	0.011%
34	14.986	2020	2023	2028	rVB6	3793	5266	0.15%	0.014%

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35	15.122	2040	2046	2048	rBV6	5549	11112	0.33%	0.030%
36	15.145	2048	2050	2054	rVB2	5695	5793	0.17%	0.016%
37	15.186	2054	2057	2061	rBV5	5718	7134	0.21%	0.019%
38	15.316	2071	2079	2086	rBV	1821245	2530513	74.27%	6.907%
39	15.428	2092	2098	2107	rBV	244500	338479	9.93%	0.924%
40	15.551	2113	2119	2124	rBV3	17189	24852	0.73%	0.068%
41	15.681	2138	2141	2148	rVB7	2900	5357	0.16%	0.015%
42	15.804	2159	2162	2165	rBV4	2548	3576	0.10%	0.010%
43	15.986	2190	2193	2195	rBV4	4632	5575	0.16%	0.015%
44	16.034	2197	2201	2203	rBV3	4603	7221	0.21%	0.020%
45	16.104	2210	2213	2218	rVB7	7763	10061	0.30%	0.027%
46	16.169	2220	2224	2226	rVV3	3744	4602	0.14%	0.013%
47	16.222	2229	2233	2237	rVV7	4703	7193	0.21%	0.020%
48	16.316	2245	2249	2253	rVV3	15395	18644	0.55%	0.051%
49	16.363	2255	2257	2260	rVB3	4385	4013	0.12%	0.011%
50	16.398	2260	2263	2264	rBV3	3647	3482	0.10%	0.010%
51	16.422	2265	2267	2271	rVB4	3905	4250	0.12%	0.012%
52	16.475	2271	2276	2282	rVB6	10125	18065	0.53%	0.049%
53	16.545	2284	2288	2291	rBV2	3944	5593	0.16%	0.015%
54	16.628	2297	2302	2305	rVB3	4402	5666	0.17%	0.015%
55	16.733	2316	2320	2321	rBV4	3034	4103	0.12%	0.011%
56	16.828	2328	2336	2337	rBV6	9981	19575	0.57%	0.053%
57	17.069	2370	2377	2382	rBV	1283395	1843248	54.10%	5.031%
58	17.163	2387	2393	2403	rVV2	2015047	2752752	80.80%	7.514%
59	17.263	2405	2410	2415	rVV4	36878	50201	1.47%	0.137%
60	17.580	2461	2464	2466	rBV3	4554	4914	0.14%	0.013%
61	17.745	2490	2492	2498	rBV5	3238	5633	0.17%	0.015%
62	17.839	2506	2508	2514	rVB7	6294	9317	0.27%	0.025%
63	17.975	2526	2531	2540	rBV	177499	279261	8.20%	0.762%
64	18.910	2687	2690	2694	rBV4	12844	16110	0.47%	0.044%
65	19.104	2718	2723	2725	rBV2	29970	50268	1.48%	0.137%
66	19.127	2725	2727	2733	rVB	37847	50821	1.49%	0.139%
67	19.257	2745	2749	2761	rBV	127650	226637	6.65%	0.619%
68	19.351	2762	2765	2772	rVB	26342	43039	1.26%	0.117%
69	19.463	2778	2784	2792	rBV	2437951	3407079	100.00%	9.300%
70	20.027	2877	2880	2884	rBV	58719	66910	1.96%	0.183%
71	20.527	2962	2965	2969	rVB	71517	70873	2.08%	0.193%

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72	20.986	3039	3043	3051	rBV	172203	256087	7.52%	0.699%
73	21.186	3074	3077	3083	rVB	99869	105947	3.11%	0.289%
74	21.257	3084	3089	3101	rVV	1610611	2138520	62.77%	5.837%
75	21.427	3114	3118	3122	rBV	107224	123788	3.63%	0.338%
76	21.857	3188	3191	3197	rVB	128583	155056	4.55%	0.423%
77	22.316	3266	3269	3275	rVB	135677	178091	5.23%	0.486%
78	22.821	3351	3355	3361	rVB2	154470	227167	6.67%	0.620%
79	23.345	3437	3444	3450	rBV	1793789	3395784	99.67%	9.269%
80	23.480	3461	3467	3486	rVB	1158262	2253335	66.14%	6.151%
81	24.033	3556	3561	3569	rVB	115785	221013	6.49%	0.603%

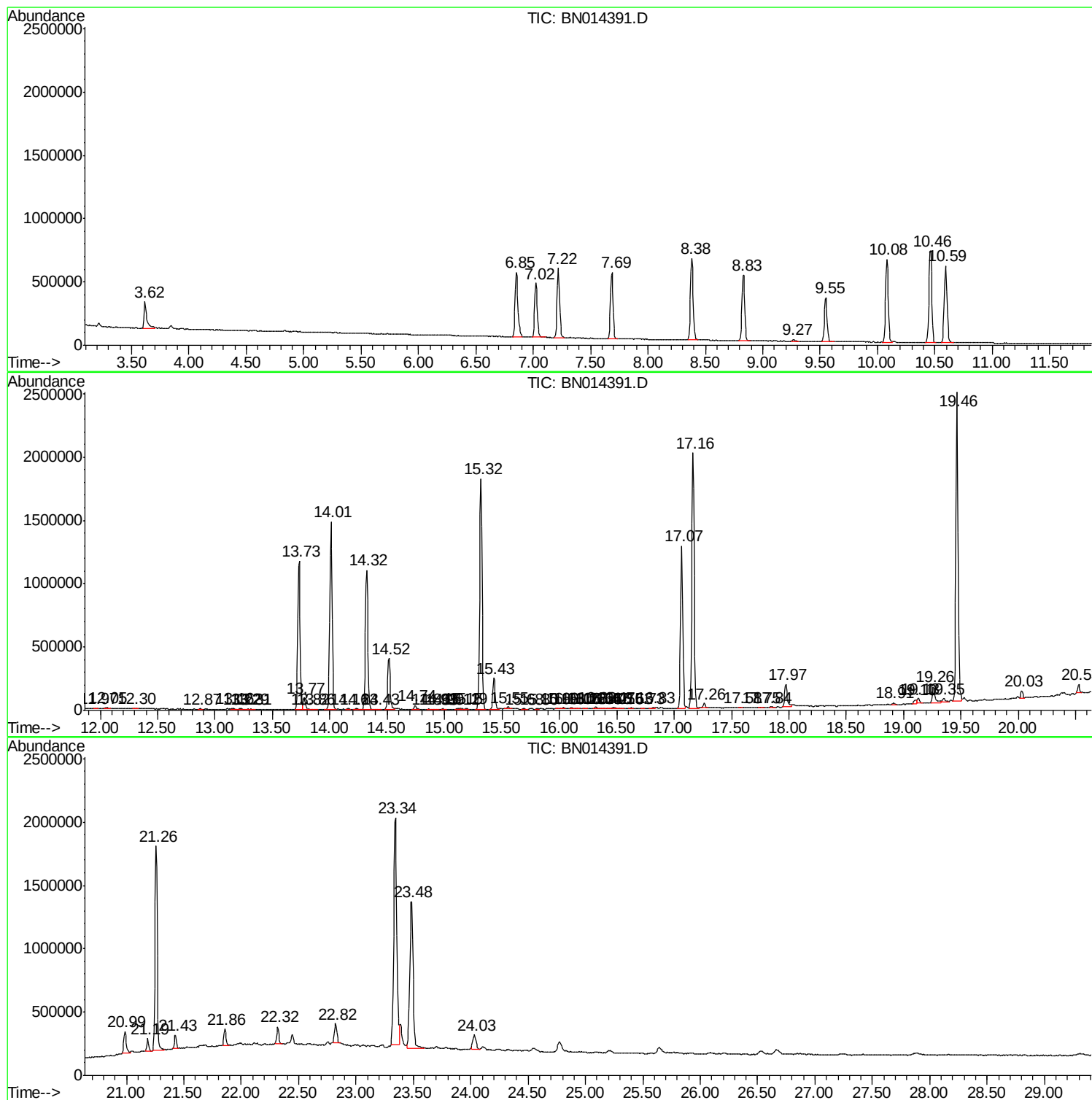
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION

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



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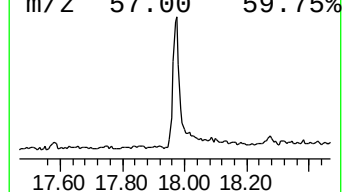
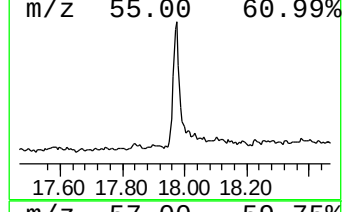
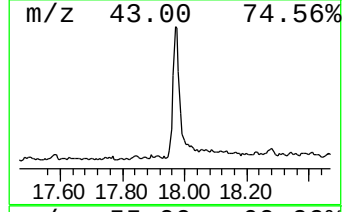
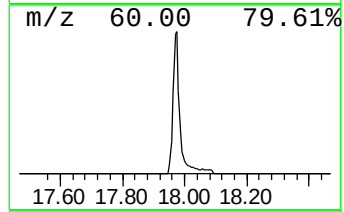
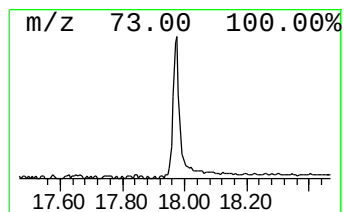
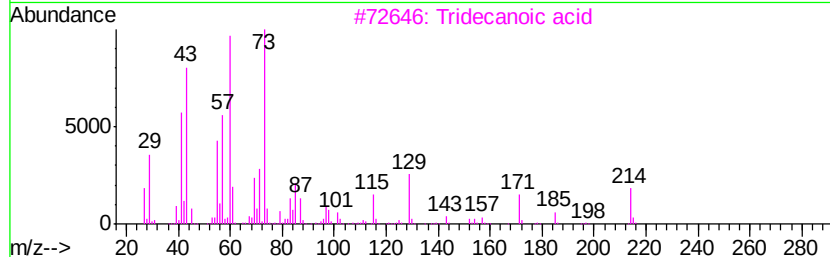
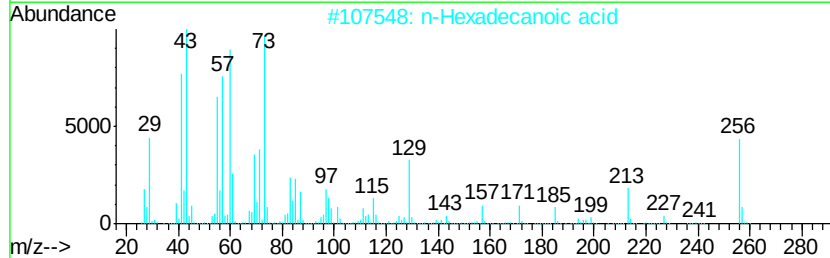
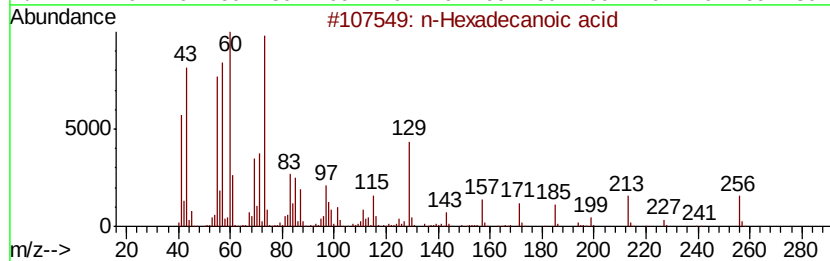
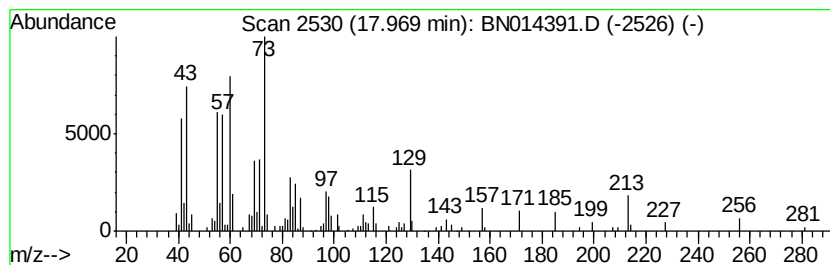
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION

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.
17.97	3.03 ng/ul	279261	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	70
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	62



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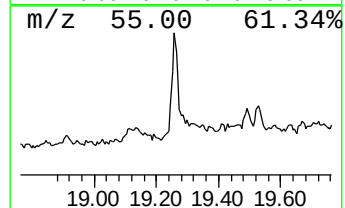
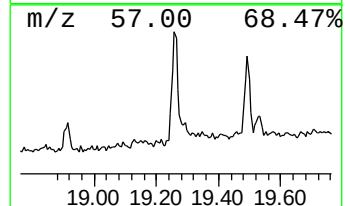
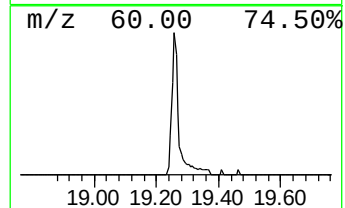
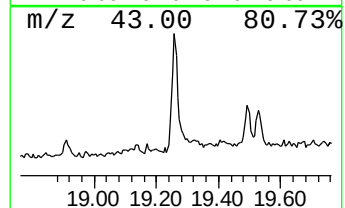
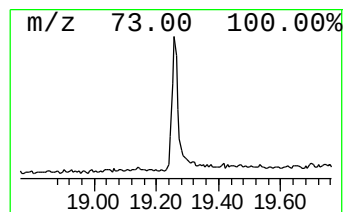
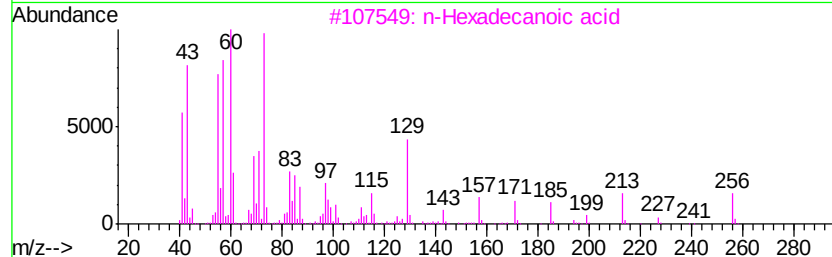
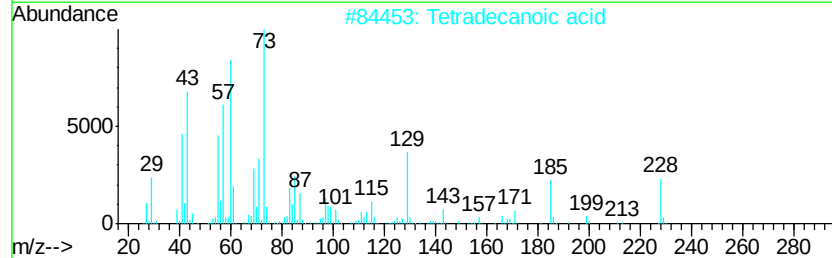
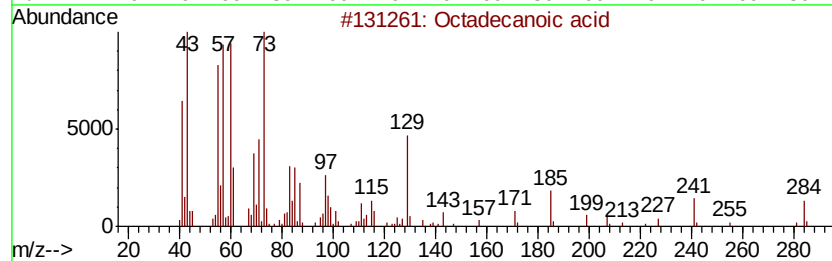
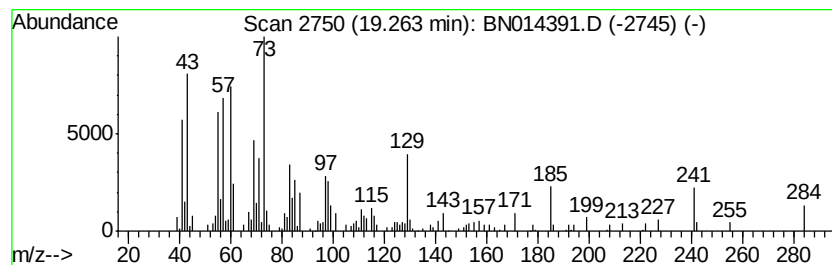
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.26	2.12 ng/ul	226637	Chrysene-d12		21.26
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62



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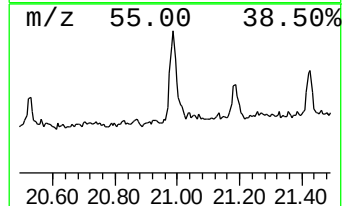
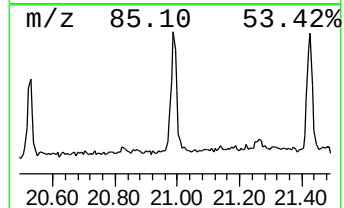
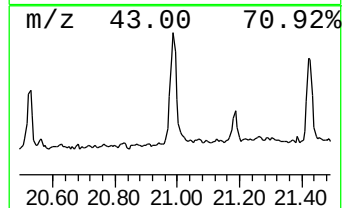
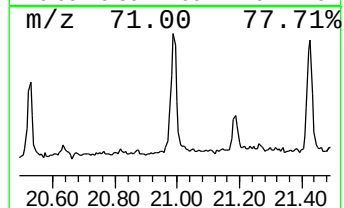
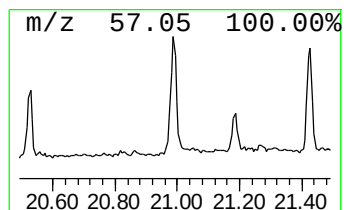
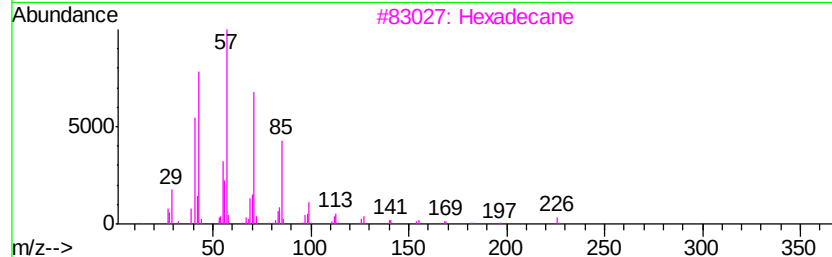
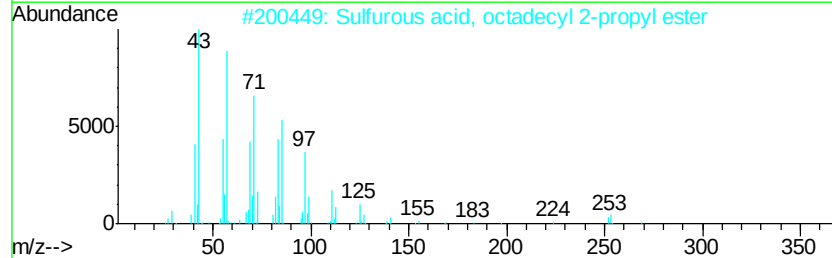
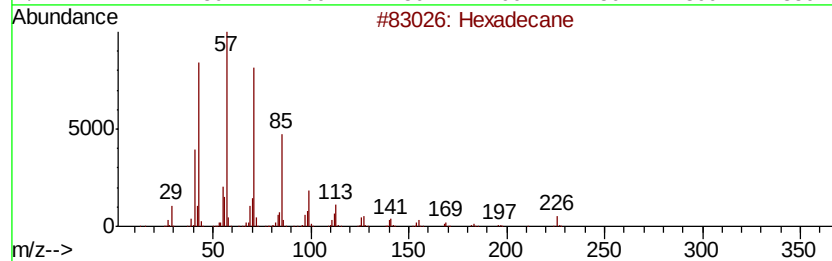
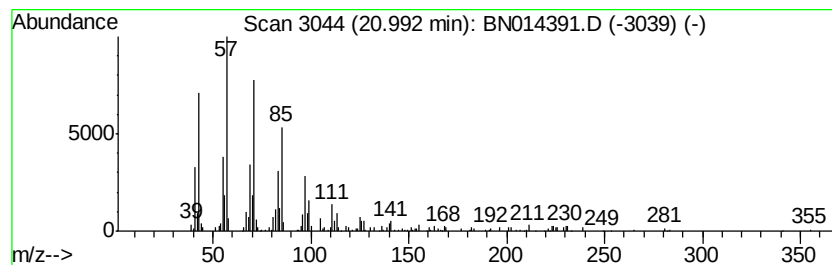
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.39 ng/ul	256087	Chrysene-d12	21.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane		226 C16H34	000544-76-3 91
2	Sulfurous acid, octadecyl 2-prop...		376 C21H44O3S	1000309-12-7 91
3	Hexadecane		226 C16H34	000544-76-3 90
4	Eicosane		282 C20H42	000112-95-8 70
5	Trihexadecyl borate		735 C48H99B03	002665-11-4 68



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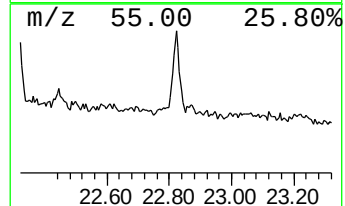
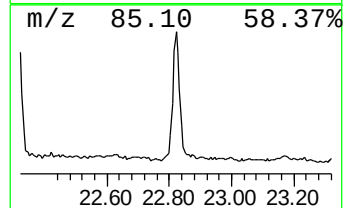
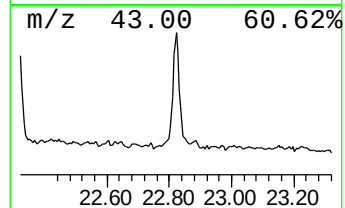
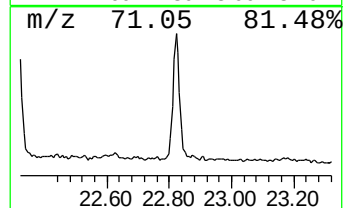
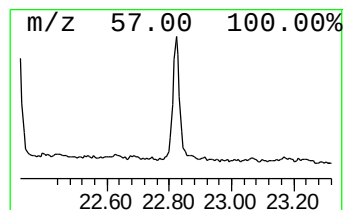
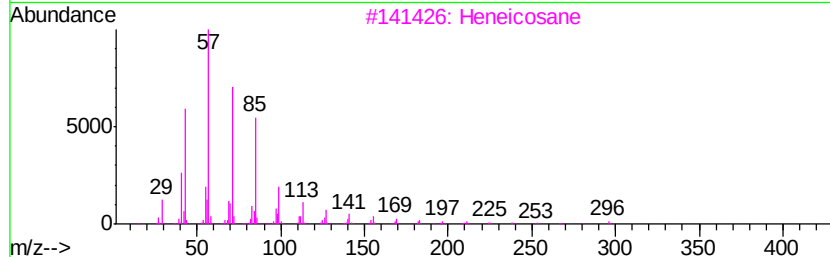
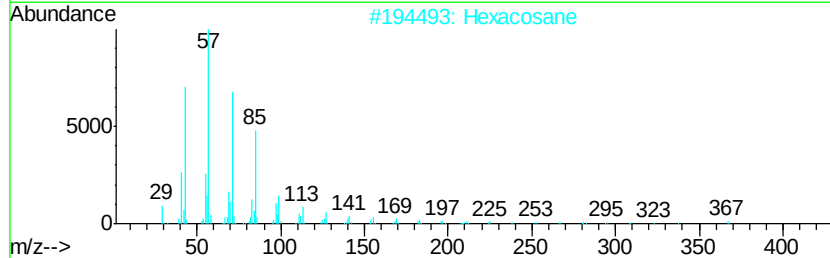
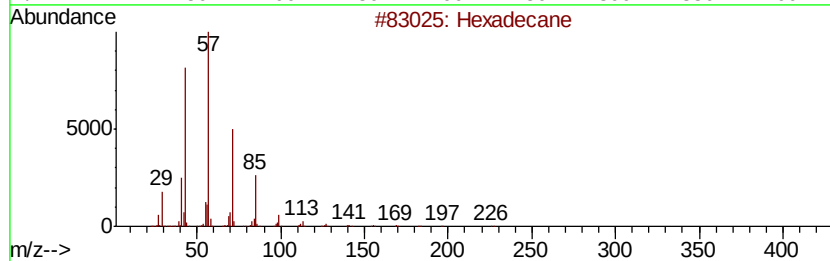
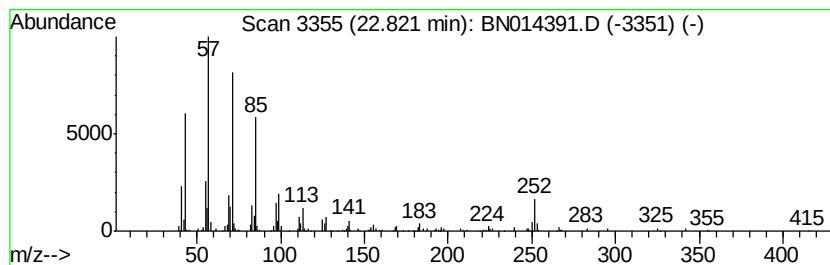
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	2.02 ng/ul	227167	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Pentacosane	352	C25H52	000629-99-2	86
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042321\
Data File : BN014391.D
Acq On : 23 Apr 2021 23:25
Operator : CG/JU
Sample : M2065-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BG569

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.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	17.97	3.0	ng/ul	279261	4	17.07	1843250	20.0
Octadecanoic acid	19.26	2.1	ng/ul	226637	5	21.26	2138520	20.0
(DEL) Alkane: Str...	20.99	2.4	ng/ul	256087	5	21.26	2138520	20.0
(DEL) Alkane: Str...	22.82	2.0	ng/ul	227167	6	23.49	2253340	20.0