

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
 Data File : BN014427.D
 Acq On : 25 Apr 2021 06:33
 Operator : CG/JU
 Sample : M2065-16
 Misc :
 ALS Vial : 33 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	3.611	86	89	106	rBV	155498	264062	9.43%	0.876%
2	6.852	634	640	653	rVB	387386	640934	22.90%	2.127%
3	7.022	664	669	679	rVB	318506	500905	17.89%	1.662%
4	7.216	697	702	710	rVB	421100	654650	23.39%	2.173%
5	7.681	775	781	788	rVB	465756	726891	25.97%	2.412%
6	8.381	894	900	907	rBV	491253	764208	27.30%	2.536%
7	8.828	970	976	987	rVB	416715	680005	24.29%	2.257%
8	9.546	1092	1098	1108	rVB	263588	427133	15.26%	1.418%
9	10.081	1183	1189	1197	rBV	496684	802467	28.67%	2.663%
10	10.457	1246	1253	1266	rVB	677122	1108125	39.58%	3.678%
11	10.593	1269	1276	1287	rVB	471396	782037	27.94%	2.596%
12	12.051	1520	1524	1530	rVB3	7731	11074	0.40%	0.037%
13	13.151	1705	1711	1716	rVV2	5926	10301	0.37%	0.034%
14	13.222	1718	1723	1727	rVV4	2861	5139	0.18%	0.017%
15	13.287	1731	1734	1740	rVB5	2604	4366	0.16%	0.014%
16	13.728	1803	1809	1814	rBV	923678	1233228	44.05%	4.093%
17	13.775	1814	1817	1822	rVV	68629	88456	3.16%	0.294%
18	13.822	1822	1825	1828	rVV3	2791	3729	0.13%	0.012%
19	14.010	1848	1857	1864	rBV	1177880	1682937	60.12%	5.586%
20	14.151	1879	1881	1886	rVB4	3672	4842	0.17%	0.016%
21	14.228	1890	1894	1900	rVB5	4568	9363	0.33%	0.031%
22	14.316	1900	1909	1917	rBV	972177	1435841	51.29%	4.765%
23	14.510	1935	1942	1952	rBV	283116	413586	14.77%	1.373%
24	14.740	1978	1981	1985	rBV4	17916	20400	0.73%	0.068%
25	14.922	2006	2012	2015	rBV6	1921	3691	0.13%	0.012%
26	14.987	2019	2023	2027	rVB5	2089	3486	0.12%	0.012%
27	15.122	2042	2046	2049	rBV4	3550	5221	0.19%	0.017%
28	15.187	2054	2057	2063	rVB3	3892	5856	0.21%	0.019%
29	15.316	2071	2079	2086	rBV	1365466	1966742	70.26%	6.527%
30	15.428	2093	2098	2106	rBV	164465	223070	7.97%	0.740%
31	15.551	2116	2119	2123	rVV2	11658	15758	0.56%	0.052%
32	15.598	2123	2127	2130	rVV4	2192	3572	0.13%	0.012%
33	15.628	2130	2132	2137	rVV3	2148	2889	0.10%	0.010%
34	15.687	2139	2142	2148	rVB3	2213	3713	0.13%	0.012%

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35	15.804	2157	2162	2165	rBV4	2107	3401	0.12%	0.011%
36	15.992	2190	2194	2196	rBV4	2558	3483	0.12%	0.012%
37	16.104	2210	2213	2219	rVB4	6285	9784	0.35%	0.032%
38	16.157	2219	2222	2229	rBV6	3453	7490	0.27%	0.025%
39	16.222	2229	2233	2238	rBV6	3740	5781	0.21%	0.019%
40	16.281	2238	2243	2245	rBV5	3281	4399	0.16%	0.015%
41	16.316	2245	2249	2253	rVV2	9281	12494	0.45%	0.041%
42	16.422	2265	2267	2271	rVB3	3405	3216	0.11%	0.011%
43	16.469	2271	2275	2284	rVB5	6253	12364	0.44%	0.041%
44	16.539	2284	2287	2292	rBV4	3117	5628	0.20%	0.019%
45	16.622	2297	2301	2303	rBV4	2833	3146	0.11%	0.010%
46	16.822	2327	2335	2336	rBV7	5686	8733	0.31%	0.029%
47	16.892	2344	2347	2353	rVB6	2605	4461	0.16%	0.015%
48	16.986	2360	2363	2365	rBV3	2871	3822	0.14%	0.013%
49	17.063	2370	2376	2382	rVV	1200064	1659606	59.29%	5.508%
50	17.104	2382	2383	2386	rVV	11931	9864	0.35%	0.033%
51	17.163	2386	2393	2404	rVV2	1562615	2175342	77.71%	7.220%
52	17.263	2404	2410	2415	rVV7	23904	32923	1.18%	0.109%
53	17.369	2426	2428	2435	rVB7	2604	3384	0.12%	0.011%
54	17.575	2460	2463	2467	rVB5	3963	4969	0.18%	0.016%
55	17.786	2496	2499	2502	rBV4	2607	3532	0.13%	0.012%
56	17.839	2504	2508	2512	rBV7	4951	7720	0.28%	0.026%
57	17.969	2525	2530	2538	rBV2	125378	188596	6.74%	0.626%
58	18.163	2562	2563	2566	rVB3	3495	2931	0.10%	0.010%
59	18.657	2645	2647	2650	rBV4	3978	5318	0.19%	0.018%
60	18.910	2687	2690	2695	rBV6	10086	13184	0.47%	0.044%
61	19.104	2718	2723	2724	rBV	22199	31858	1.14%	0.106%
62	19.128	2725	2727	2734	rVB	31892	38906	1.39%	0.129%
63	19.257	2745	2749	2757	rBV	85503	132903	4.75%	0.441%
64	19.351	2762	2765	2771	rVB	16593	26522	0.95%	0.088%
65	19.463	2778	2784	2793	rBV2	2030708	2799367	100.00%	9.291%
66	20.028	2877	2880	2885	rBV	51053	56206	2.01%	0.187%
67	20.522	2961	2964	2968	rBV	54394	61307	2.19%	0.203%
68	20.986	3039	3043	3049	rBV2	129290	194590	6.95%	0.646%
69	21.186	3074	3077	3082	rVB	69425	78306	2.80%	0.260%
70	21.257	3084	3089	3101	rVV	1664596	2098391	74.96%	6.964%
71	21.427	3114	3118	3123	rBV	94197	112892	4.03%	0.375%

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72	21.857	3188	3191	3198	rVB	119464	144645	5.17%	0.480%
73	22.316	3266	3269	3275	rVB	128831	172678	6.17%	0.573%
74	22.821	3351	3355	3360	rVB	160017	229401	8.19%	0.761%
75	23.345	3437	3444	3449	rBV	1473033	2722750	97.26%	9.037%
76	23.480	3461	3467	3482	rVB2	1037023	2030813	72.55%	6.740%
77	24.027	3555	3560	3567	rVB	140273	271505	9.70%	0.901%
78	24.774	3682	3687	3696	rVB	101319	223011	7.97%	0.740%

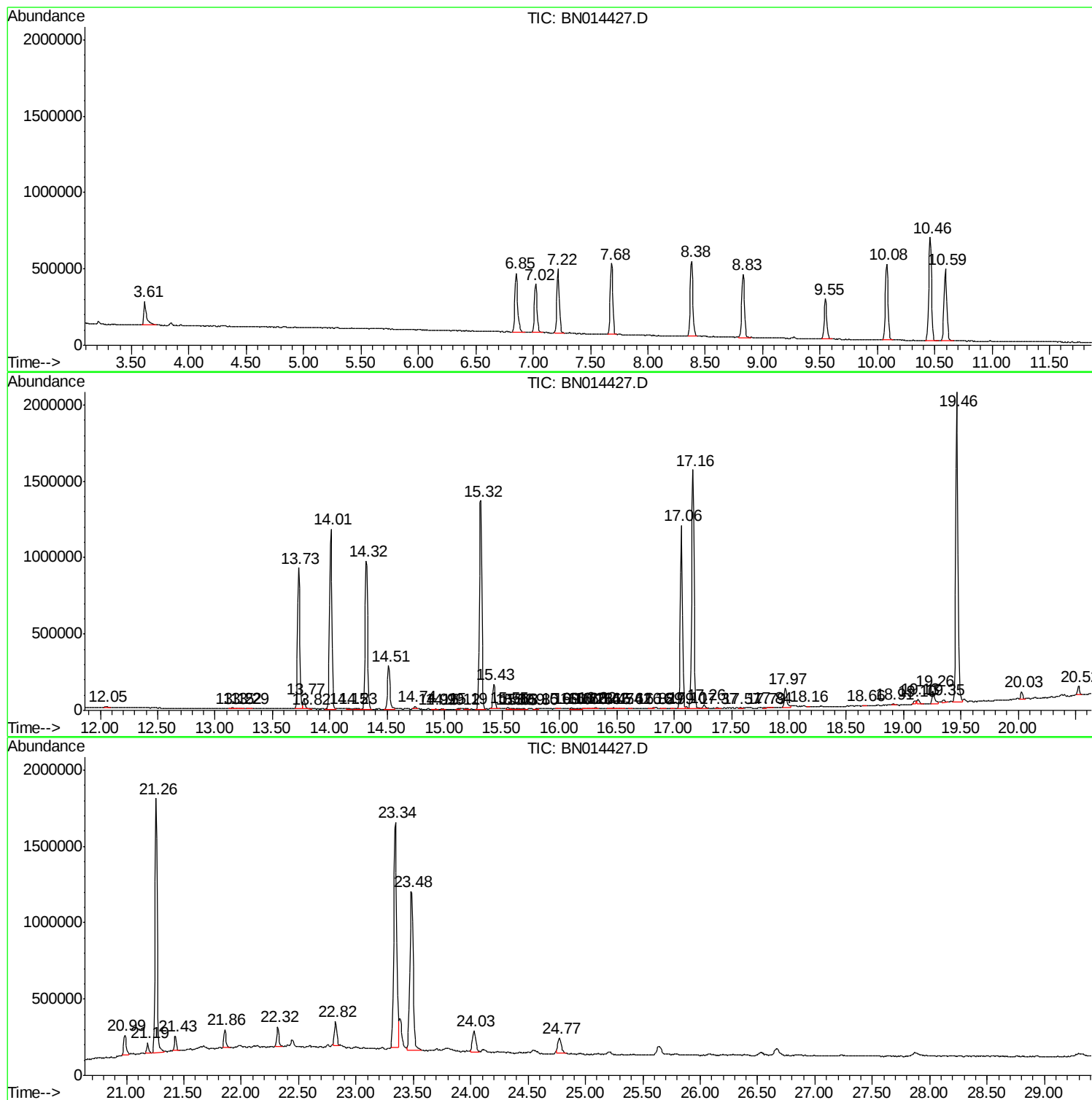
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION

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



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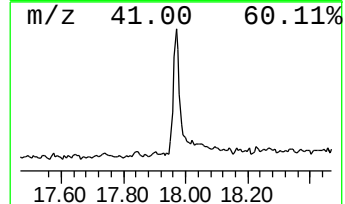
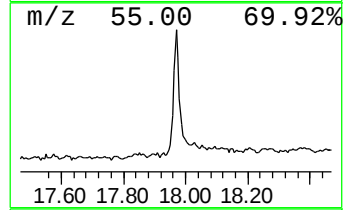
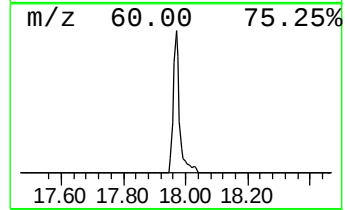
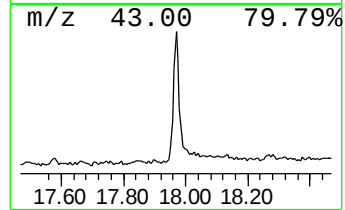
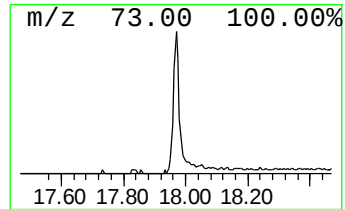
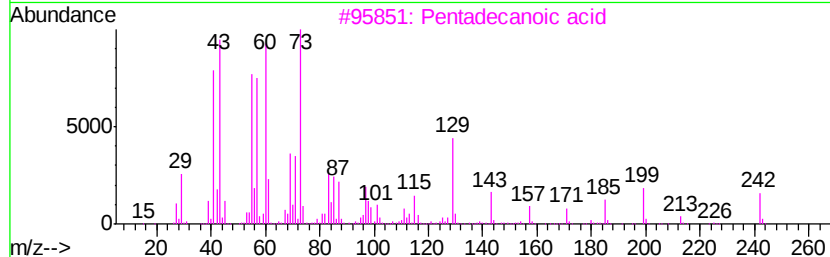
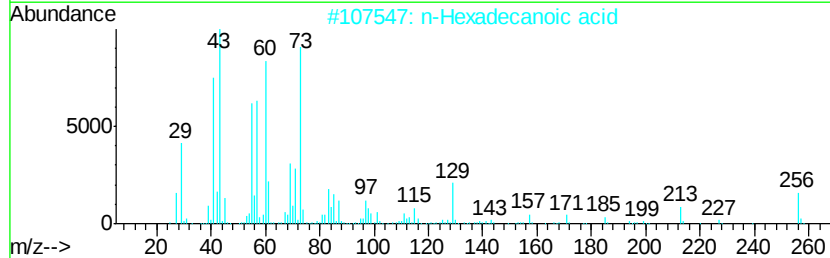
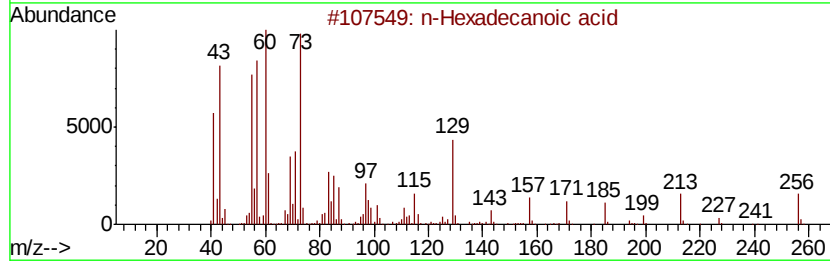
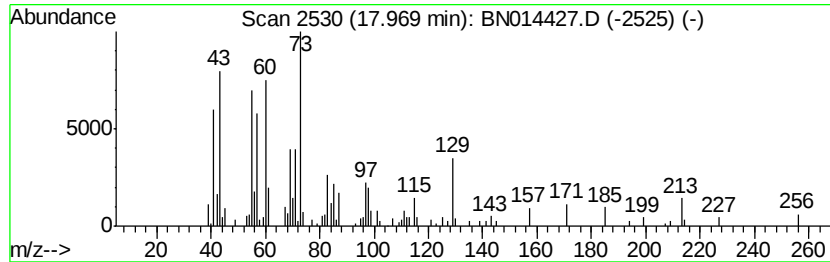
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.97	2.27 ng/ul	188596	Phenanthrene-d10		17.06	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	94
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	72
5	Tridecanoic acid		214	C13H26O2	000638-53-9	70



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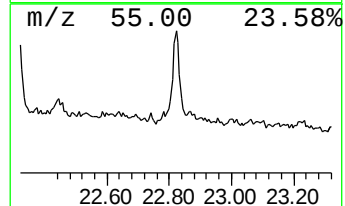
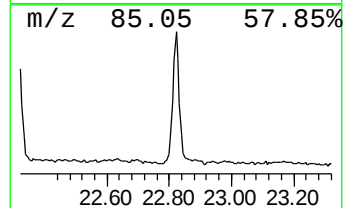
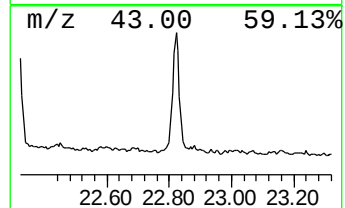
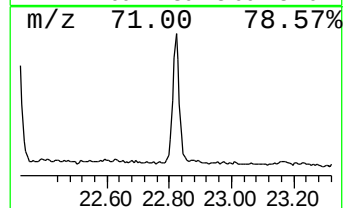
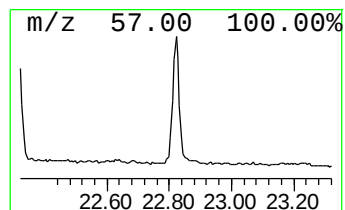
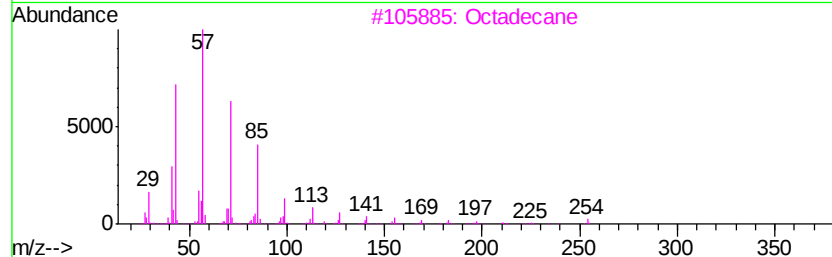
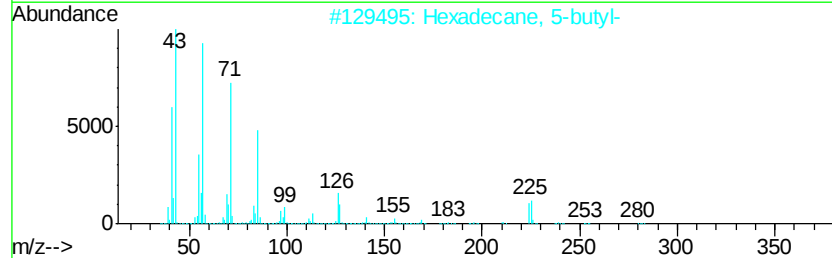
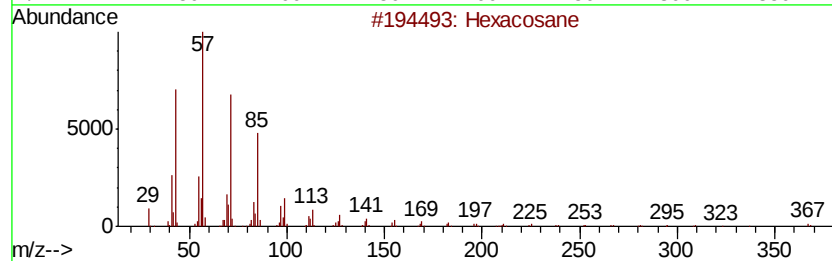
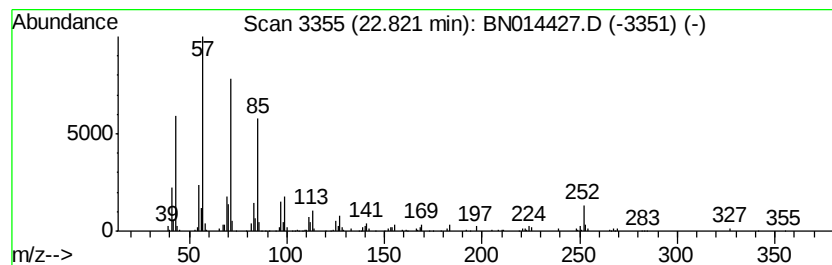
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	2.26 ng/ul	229401	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
3		Octadecane	254	C18H38	000593-45-3	87
4		triacontane	422	C30H62	000638-68-6	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



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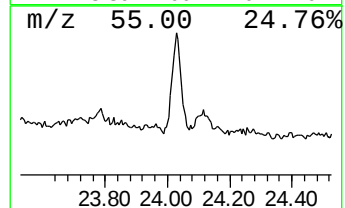
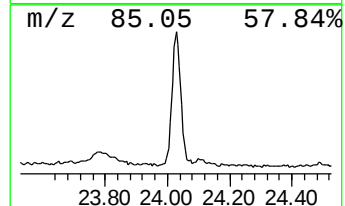
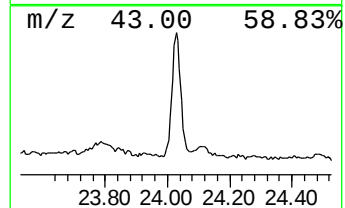
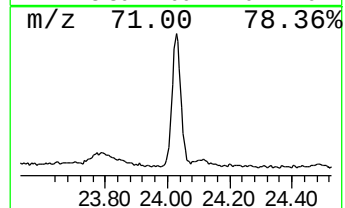
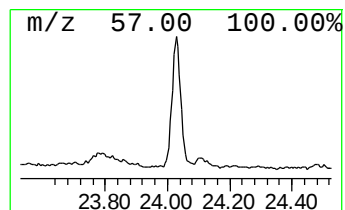
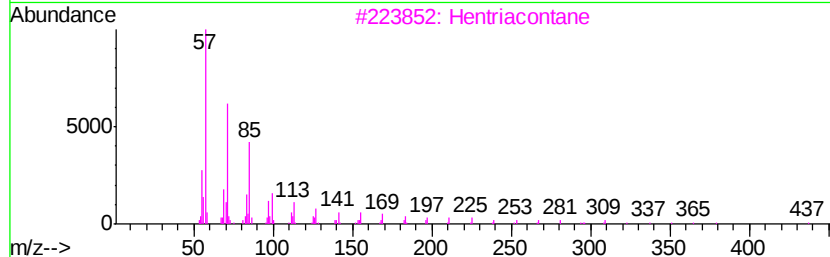
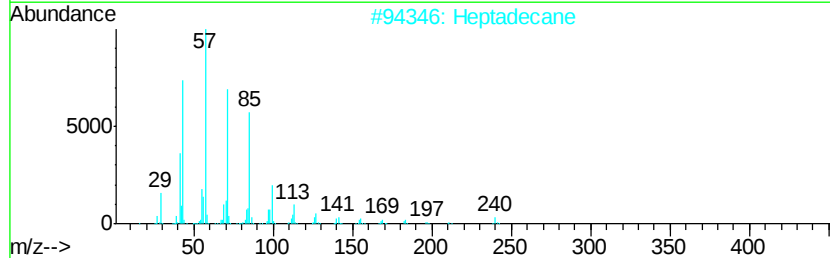
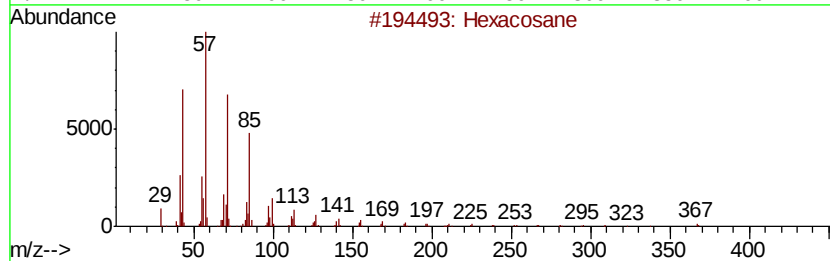
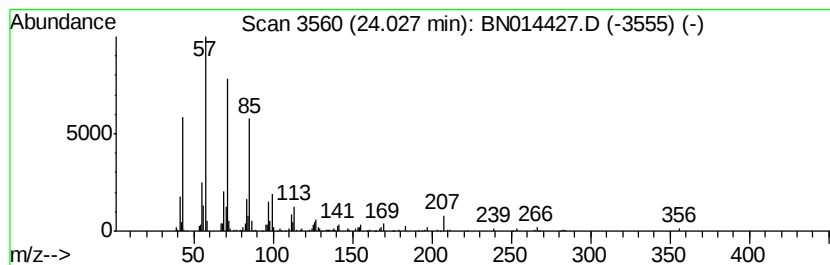
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.67 ng/ul	271505	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heptadecane	240	C17H36	000629-78-7	87
3		Hentriacontane	437	C31H64	000630-04-6	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		Heneicosane	296	C21H44	000629-94-7	86



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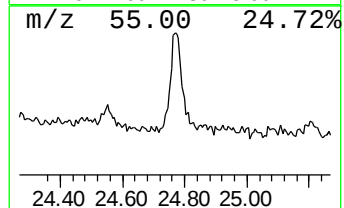
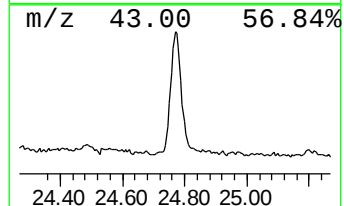
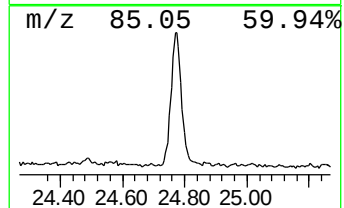
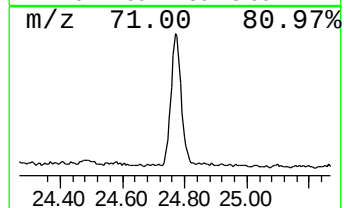
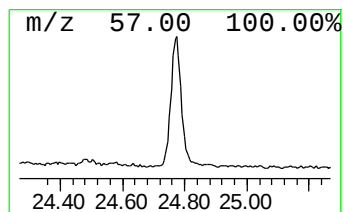
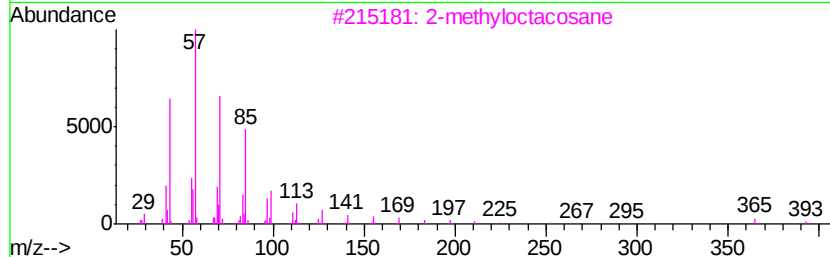
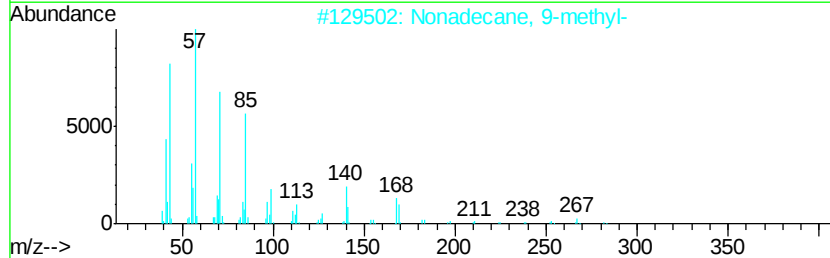
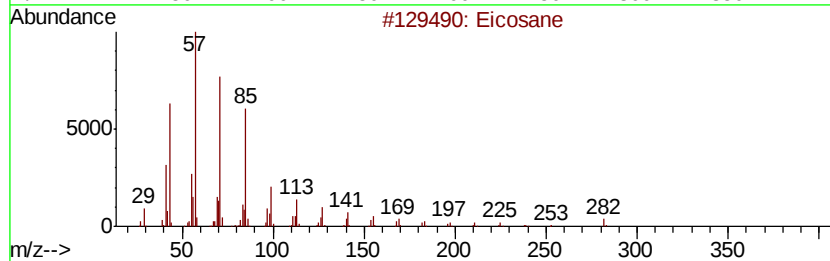
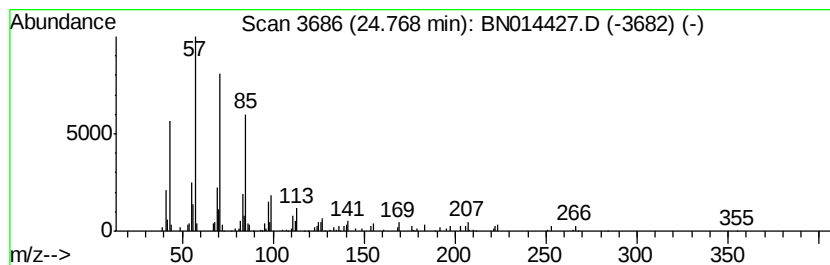
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	2.20 ng/ul	223011	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		2-methylhexacosane	380	C27H56	1000376-72-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042421\
Data File : BN014427.D
Acq On : 25 Apr 2021 06:33
Operator : CG/JU
Sample : M2065-16
Misc :
ALS Vial : 33 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	2.3	ng/ul	188596	4	17.06	1659610	20.0
(DEL) Alkane: Str...	22.82	2.3	ng/ul	229401	6	23.48	2030810	20.0
(DEL) Alkane: Str...	24.03	2.7	ng/ul	271505	6	23.48	2030810	20.0
(DEL) Alkane: Str...	24.77	2.2	ng/ul	223011	6	23.48	2030810	20.0