

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042321\
 Data File : BN014389.D
 Acq On : 23 Apr 2021 22:13
 Operator : CG/JU
 Sample : M2065-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG560

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	102	rBV	135738	227568	6.58%	0.646%
2	6.852	634	640	652	rVB	491865	829609	23.99%	2.356%
3	7.022	664	669	684	rVB	414049	674976	19.51%	1.917%
4	7.216	696	702	711	rVB	519481	844065	24.40%	2.397%
5	7.687	776	782	790	rVB	552544	897244	25.94%	2.548%
6	8.381	894	900	912	rVB	619166	964630	27.89%	2.740%
7	8.505	917	921	927	rVB2	14466	26327	0.76%	0.075%
8	8.834	970	977	986	rVB	513079	853891	24.69%	2.425%
9	9.552	1092	1099	1107	rVB	355646	585650	16.93%	1.663%
10	10.081	1183	1189	1197	rBV	631015	1021084	29.52%	2.900%
11	10.463	1247	1254	1262	rVB	796122	1328067	38.40%	3.772%
12	10.593	1269	1276	1286	rBV	600655	1009221	29.18%	2.866%
13	11.963	1505	1509	1512	rVB3	4374	5518	0.16%	0.016%
14	12.051	1520	1524	1531	rVB2	9421	14791	0.43%	0.042%
15	13.151	1708	1711	1717	rBV2	7546	10520	0.30%	0.030%
16	13.228	1720	1724	1728	rVB4	3307	4736	0.14%	0.013%
17	13.645	1792	1795	1800	rVB2	3024	3503	0.10%	0.010%
18	13.728	1803	1809	1814	rBV	1142665	1590777	45.99%	4.518%
19	13.775	1814	1817	1823	rVB	55577	74656	2.16%	0.212%
20	14.010	1849	1857	1865	rVB	1448765	2066520	59.75%	5.869%
21	14.234	1892	1895	1899	rBV4	4495	5337	0.15%	0.015%
22	14.322	1903	1910	1918	rVB	1153954	1712327	49.51%	4.863%
23	14.516	1936	1943	1955	rBV	350473	504866	14.60%	1.434%
24	14.740	1977	1981	1986	rVB3	24444	29822	0.86%	0.085%
25	15.151	2046	2051	2053	rBV2	2144	3554	0.10%	0.010%
26	15.187	2053	2057	2060	rVB4	3955	5365	0.16%	0.015%
27	15.316	2072	2079	2087	rVB	1772633	2421564	70.01%	6.878%
28	15.428	2093	2098	2107	rBV	259328	352153	10.18%	1.000%
29	15.551	2116	2119	2124	rVB	14266	18236	0.53%	0.052%
30	16.104	2209	2213	2220	rVB4	6718	9961	0.29%	0.028%
31	16.316	2244	2249	2253	rBV	9937	12330	0.36%	0.035%
32	16.475	2271	2276	2280	rBV6	4404	6344	0.18%	0.018%
33	16.816	2331	2334	2337	rBV3	6174	7845	0.23%	0.022%
34	16.851	2337	2340	2344	rVB3	3926	5583	0.16%	0.016%

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35	17.063	2370	2376	2383	rBV	1353651	1905624	55.10%	5.412%
36	17.163	2387	2393	2401	rVV	1885336	2608282	75.41%	7.408%
37	17.263	2405	2410	2414	rVB2	22399	25995	0.75%	0.074%
38	17.851	2504	2510	2514	rBV4	9489	17580	0.51%	0.050%
39	17.969	2524	2530	2540	rBV	151601	247079	7.14%	0.702%
40	18.598	2635	2637	2641	rVB5	5697	8265	0.24%	0.023%
41	18.645	2641	2645	2648	rBV4	8641	12390	0.36%	0.035%
42	18.745	2659	2662	2665	rVV5	3981	6330	0.18%	0.018%
43	18.769	2665	2666	2670	rVB3	3809	3975	0.11%	0.011%
44	18.857	2679	2681	2685	rVB3	4980	4838	0.14%	0.014%
45	18.998	2701	2705	2709	rBV4	9706	16760	0.48%	0.048%
46	19.098	2717	2722	2725	rBV	22414	34799	1.01%	0.099%
47	19.128	2725	2727	2737	rVB	17025	30736	0.89%	0.087%
48	19.257	2744	2749	2760	rBV	105360	167546	4.84%	0.476%
49	19.351	2761	2765	2768	rVB	18340	24413	0.71%	0.069%
50	19.416	2774	2776	2778	rVB3	5050	4219	0.12%	0.012%
51	19.463	2778	2784	2792	rBV	2397698	3209220	92.78%	9.115%
52	20.028	2877	2880	2883	rBV4	8038	9089	0.26%	0.026%
53	20.986	3039	3043	3049	rBV3	105269	162527	4.70%	0.462%
54	21.263	3084	3090	3100	rBV	1681238	2227990	64.42%	6.328%
55	22.316	3266	3269	3273	rVB3	66628	90287	2.61%	0.256%
56	22.821	3352	3355	3360	rVB2	79824	114267	3.30%	0.325%
57	23.345	3436	3444	3459	rBV	1760741	3458794	100.00%	9.824%
58	23.486	3461	3468	3481	rVB2	1190982	2241155	64.80%	6.365%
59	24.033	3556	3561	3568	rVB2	94092	180069	5.21%	0.511%
60	24.774	3681	3687	3698	rVB2	114323	266999	7.72%	0.758%

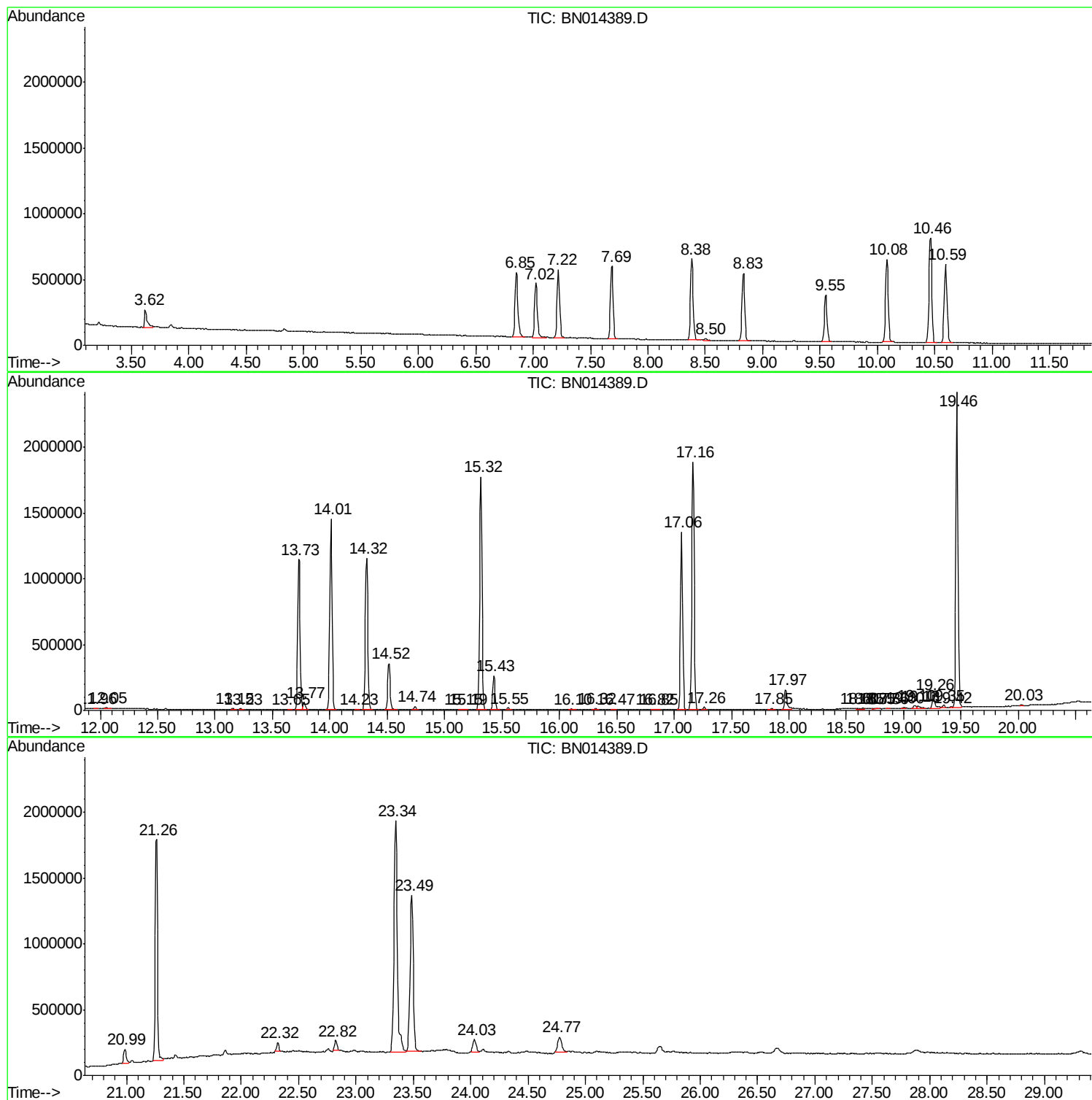
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Quant Title : SVOA CALIBRATION

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



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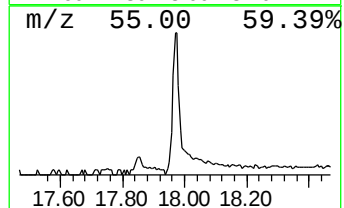
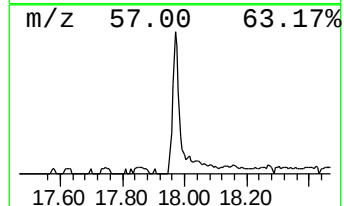
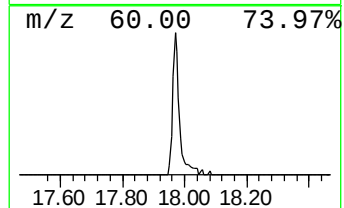
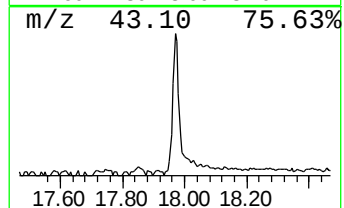
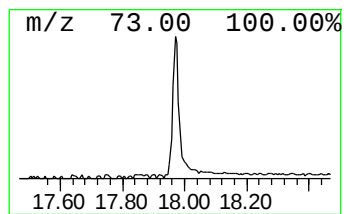
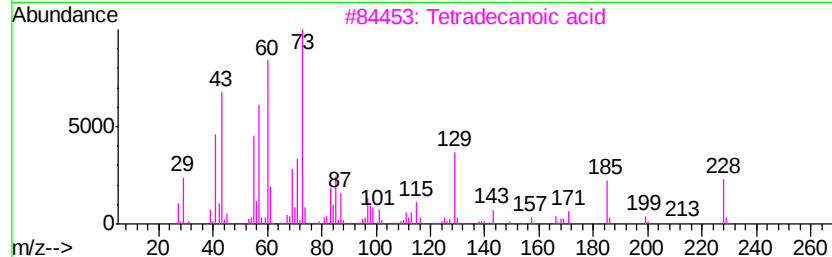
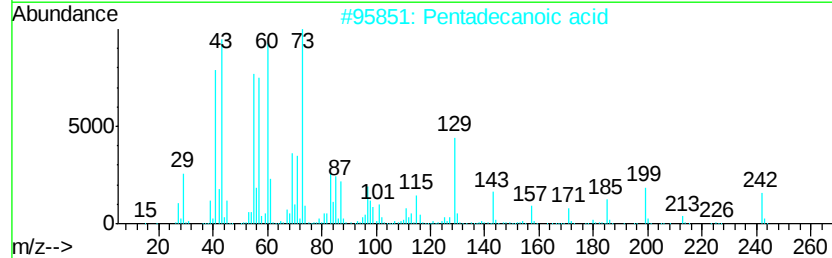
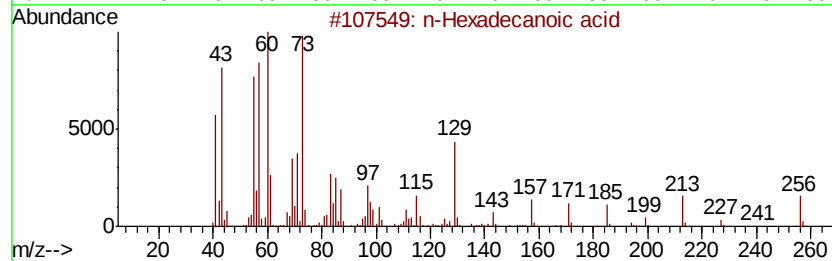
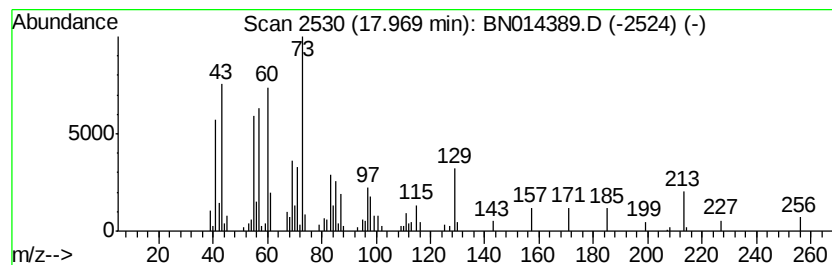
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.97	2.59 ng/ul	247079	Phenanthrene-d10	17.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58



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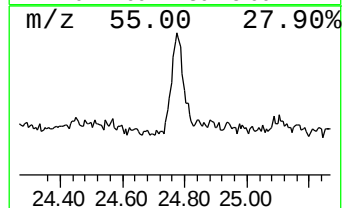
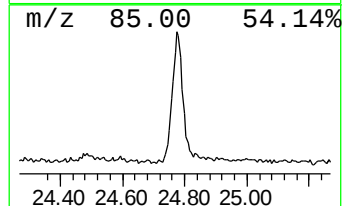
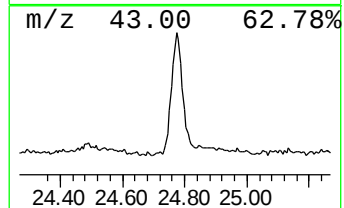
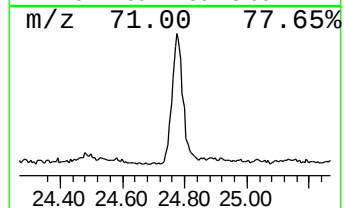
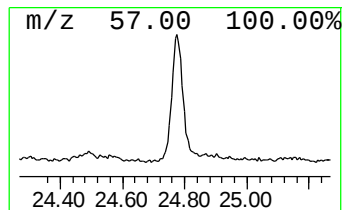
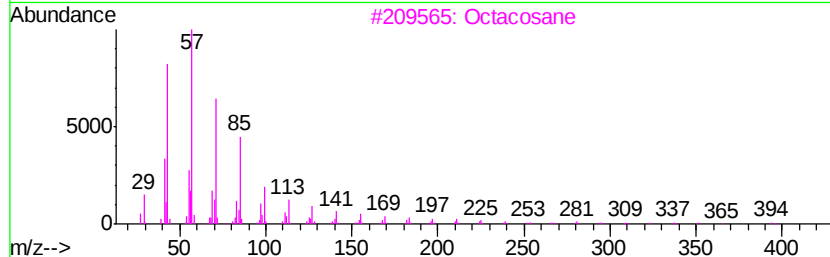
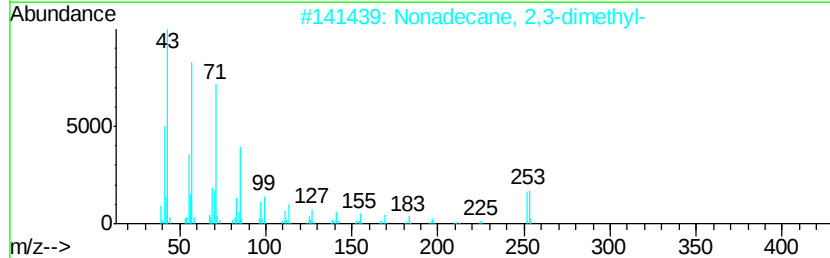
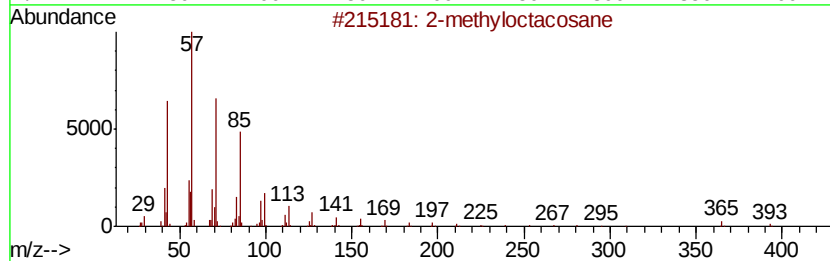
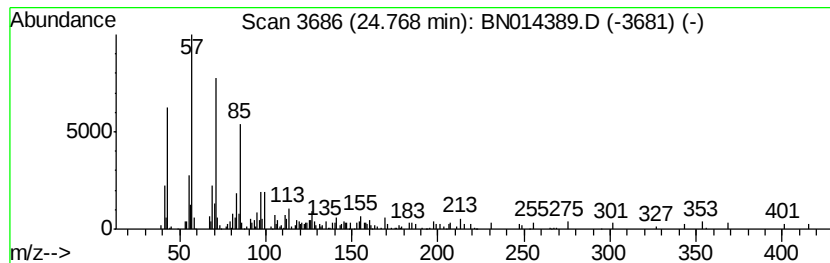
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	2.38 ng/ul	266999	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	91
3		Octacosane	394	C28H58	000630-02-4	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Tetracosane	338	C24H50	000646-31-1	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.97	2.6	ng/ul	247079	4	17.06	1905620	20.0
(DEL) Alkane: Str...	24.77	2.4	ng/ul	266999	6	23.49	2241160	20.0