

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
 Data File : BN031365.D
 Acq On : 02 May 2024 02:29
 Operator : MA/JU
 Sample : P2105-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3

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_N\Methods\SFAM-EPA-BN042924.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN031365.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	21	25	34	rVB	38542	52444	1.49%	0.139%
2	3.405	68	71	83	rBV	52765	76391	2.17%	0.203%
3	3.540	91	94	107	rBV	295391	449872	12.77%	1.195%
4	3.846	143	146	150	rVB2	9429	12758	0.36%	0.034%
5	4.746	296	299	300	rVV3	3313	3526	0.10%	0.009%
6	5.011	340	344	345	rBV5	3177	3965	0.11%	0.011%
7	5.111	354	361	363	rBV5	3468	8241	0.23%	0.022%
8	5.434	412	416	419	rBV6	3091	3836	0.11%	0.010%
9	5.528	426	432	437	rBV5	3217	8975	0.25%	0.024%
10	5.717	459	464	468	rBV4	6766	13180	0.37%	0.035%
11	6.605	609	615	618	rBV7	3271	7903	0.22%	0.021%
12	6.787	640	646	660	rBV	631317	1026591	29.15%	2.727%
13	6.958	668	675	686	rBV	519333	814647	23.13%	2.164%
14	7.146	700	707	716	rBV	661663	1041716	29.58%	2.767%
15	7.240	718	723	725	rVV6	3035	4781	0.14%	0.013%
16	7.611	779	786	793	rBV	674780	1061957	30.15%	2.821%
17	7.693	796	800	806	rVB5	6660	11993	0.34%	0.032%
18	8.316	899	906	923	rBV	701408	1166693	33.13%	3.099%
19	8.505	936	938	942	rVB5	2895	3685	0.10%	0.010%
20	8.610	954	956	961	rVB4	3019	3689	0.10%	0.010%
21	8.681	961	968	971	rBV6	2080	4538	0.13%	0.012%
22	8.769	975	983	991	rBV	537189	842001	23.91%	2.236%
23	8.928	1006	1010	1014	rVV6	6646	13280	0.38%	0.035%
24	9.158	1045	1049	1052	rBV	7814	10404	0.30%	0.028%
25	9.334	1074	1079	1087	rBV	24722	41858	1.19%	0.111%
26	9.481	1097	1104	1114	rBV	459534	732277	20.79%	1.945%
27	9.887	1169	1173	1181	rBV5	4069	9822	0.28%	0.026%
28	10.016	1187	1195	1203	rBV	691100	1129944	32.08%	3.001%
29	10.175	1216	1222	1227	rBV8	4824	9230	0.26%	0.025%
30	10.387	1250	1258	1268	rBV	876003	1440825	40.91%	3.827%
31	10.534	1277	1283	1300	rBV	364828	633927	18.00%	1.684%
32	10.946	1348	1353	1358	rBV6	8710	15582	0.44%	0.041%
33	11.140	1379	1386	1407	rBV	30419	82229	2.33%	0.218%
34	11.757	1489	1491	1497	rVB5	2517	5369	0.15%	0.014%
35	11.822	1497	1502	1505	rBV5	3047	6406	0.18%	0.017%
36	11.981	1524	1529	1535	rVB	11933	20509	0.58%	0.054%

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37	12.775	1656	1664	1665	rBV5	2351	3584	0.10%	0.010%
38	13.075	1708	1715	1722	rBV2	8613	14579	0.41%	0.039%
39	13.151	1723	1728	1735	rVV2	16073	29434	0.84%	0.078%
40	13.222	1737	1740	1746	rVB7	3755	5417	0.15%	0.014%

41	13.675	1811	1817	1824	rBV	1298508	1769726	50.25%	4.700%
42	13.951	1855	1864	1876	rBV	1555510	2283775	64.85%	6.066%
43	14.157	1894	1899	1904	rBV3	5263	8477	0.24%	0.023%
44	14.257	1910	1916	1924	rBV	1227044	1775720	50.42%	4.716%
45	14.481	1947	1954	1975	rBV	506164	913189	25.93%	2.425%

46	14.845	2012	2016	2019	rBV5	2784	3650	0.10%	0.010%
47	15.069	2049	2054	2055	rBV5	2626	3603	0.10%	0.010%
48	15.116	2059	2062	2067	rVB6	4997	6526	0.19%	0.017%
49	15.257	2079	2086	2093	rBV	1971285	2721219	77.27%	7.227%
50	15.387	2102	2108	2121	rBV	459393	626683	17.79%	1.664%

51	15.498	2123	2127	2133	rVB7	9227	14107	0.40%	0.037%
52	15.840	2180	2185	2186	rBV5	3205	4664	0.13%	0.012%
53	15.981	2204	2209	2212	rVV4	8130	11221	0.32%	0.030%
54	16.045	2216	2220	2225	rVB5	8061	12015	0.34%	0.032%
55	16.422	2280	2284	2289	rBV8	6578	11456	0.33%	0.030%

56	16.563	2304	2308	2312	rBV6	5668	7153	0.20%	0.019%
57	16.775	2341	2344	2348	rBV5	5617	7258	0.21%	0.019%
58	17.010	2378	2384	2390	rBV	1470223	2054495	58.34%	5.457%
59	17.110	2395	2401	2408	rBV	1955530	2732956	77.60%	7.259%
60	17.216	2416	2419	2424	rVB7	10736	13524	0.38%	0.036%

61	17.286	2428	2431	2432	rBV3	4517	4134	0.12%	0.011%
62	17.304	2432	2434	2437	rVB2	4604	4047	0.11%	0.011%
63	17.422	2449	2454	2458	rBV8	4000	8417	0.24%	0.022%
64	17.510	2467	2469	2473	rBV5	3882	5182	0.15%	0.014%
65	17.686	2495	2499	2504	rVB7	6773	11566	0.33%	0.031%

66	17.786	2510	2516	2520	rBV7	5302	11715	0.33%	0.031%
67	17.851	2523	2527	2532	rBV5	6504	8752	0.25%	0.023%
68	17.916	2532	2538	2545	rBV	181574	288765	8.20%	0.767%
69	17.986	2547	2550	2558	rVB6	11907	22717	0.65%	0.060%
70	18.204	2584	2587	2588	rBV3	4289	4669	0.13%	0.012%

71	18.245	2590	2594	2599	rVV4	20898	31159	0.88%	0.083%
72	18.345	2607	2611	2615	rVB3	26329	31533	0.90%	0.084%
73	18.398	2616	2620	2626	rVB8	6974	11019	0.31%	0.029%
74	18.457	2627	2630	2633	rBV4	4264	6540	0.19%	0.017%
75	18.586	2651	2652	2655	rBV3	3996	4078	0.12%	0.011%

76	18.845	2692	2696	2698	rBV5	5999	7137	0.20%	0.019%
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 Title : SVOA CALIBRATION

77	18.975	2714	2718	2723	rBV4	16445	24943	0.71%	0.066%
78	19.051	2727	2731	2733	rBV	29771	40275	1.14%	0.107%
79	19.081	2734	2736	2740	rVB4	19866	22333	0.63%	0.059%
80	19.169	2748	2751	2752	rBV3	6146	5392	0.15%	0.014%
81	19.204	2752	2757	2763	rBV	111760	163095	4.63%	0.433%
82	19.416	2787	2793	2800	rBV	1776711	2350668	66.75%	6.243%
83	19.975	2885	2888	2890	rBV3	17688	17841	0.51%	0.047%
84	20.286	2939	2941	2943	rVB2	16676	11798	0.34%	0.031%
85	20.469	2970	2972	2975	rBV3	30661	32218	0.91%	0.086%
86	20.951	3049	3054	3064	rBV3	126038	312341	8.87%	0.830%
87	21.245	3099	3104	3117	rBV	1582404	2261910	64.23%	6.008%
88	21.433	3134	3136	3143	rVB3	45686	60151	1.71%	0.160%
89	23.939	3554	3562	3578	rVB2	1501466	3521728	100.00%	9.354%
90	24.139	3587	3596	3606	rBV	1058203	2555523	72.56%	6.787%

Sum of corrected areas: 37651121

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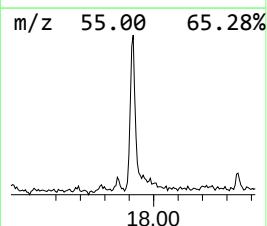
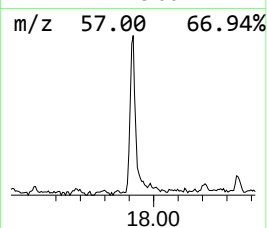
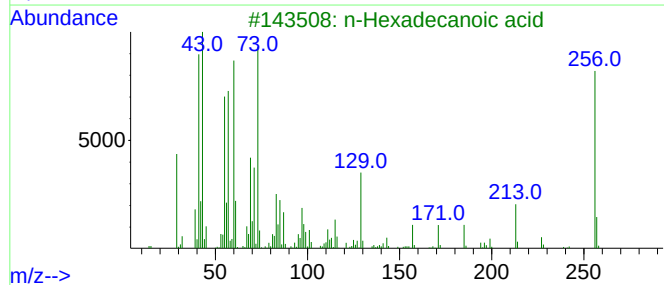
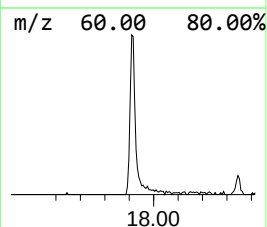
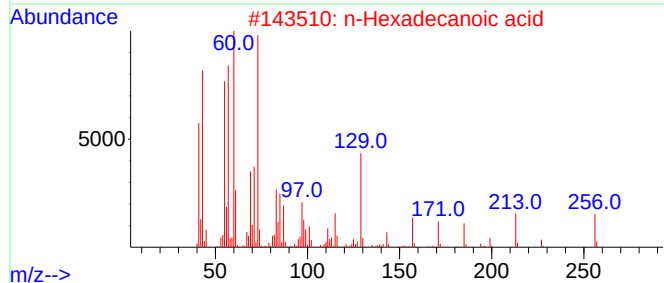
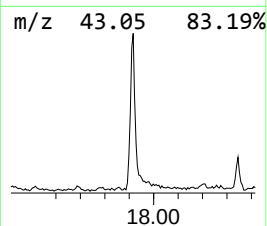
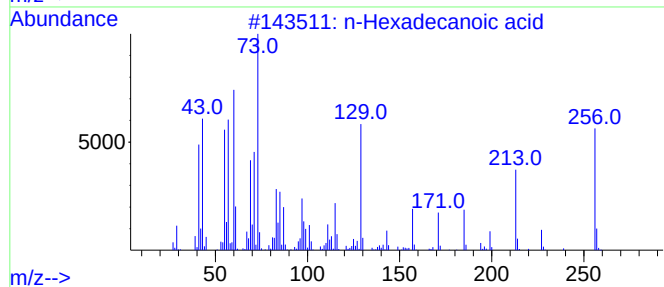
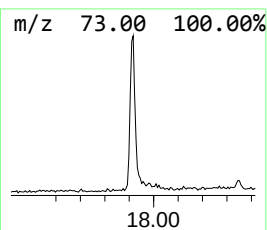
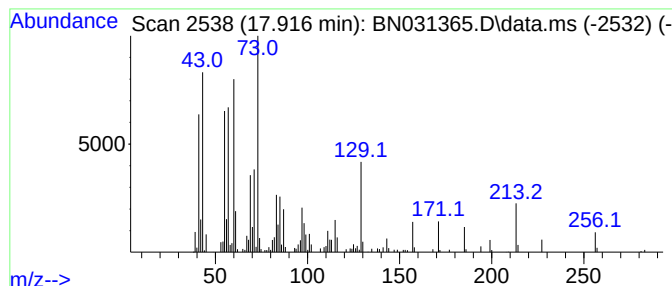
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.916	2.81 ng/ul	288765	Phenanthrene-d10	17.010

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			Pentadecanoic acid	242	C15H30O2	001002-84-2	91



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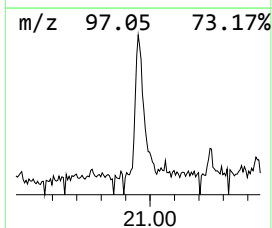
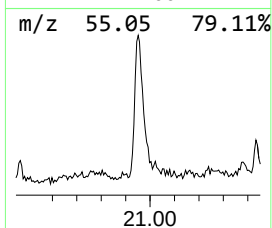
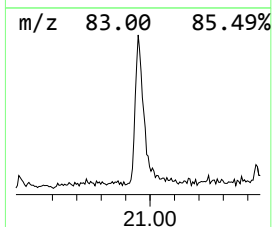
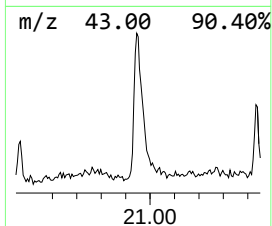
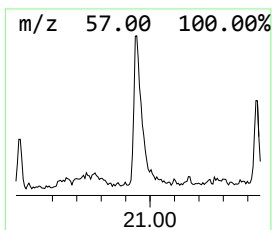
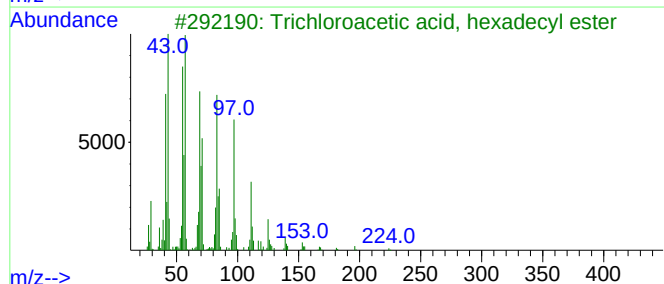
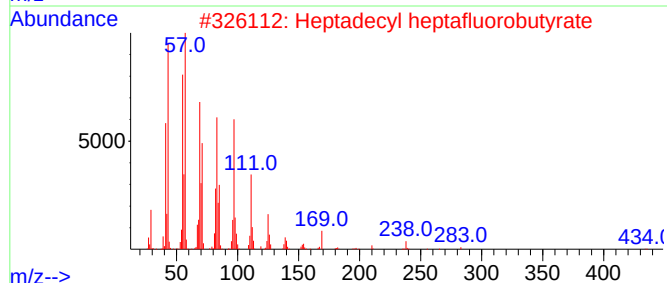
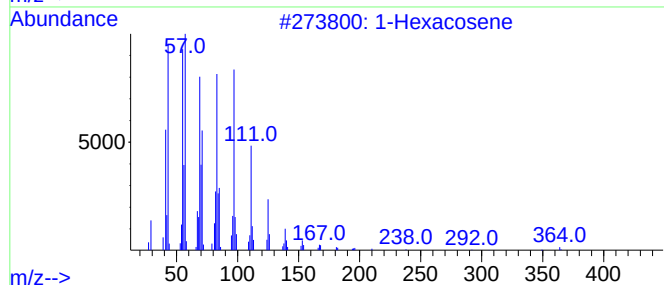
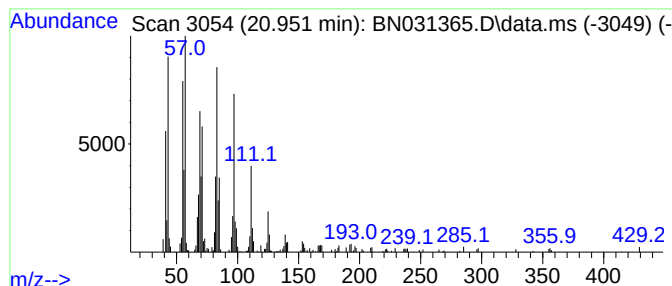
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.951	2.76 ng/ul	312341	Chrysene-d12		21.245	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexacosene		364	C26H52	018835-33-1	95
2	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	94
3	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	94
4	n-Tetracosanol-1		354	C24H50O	000506-51-4	93
5	1-Heptacosanol		396	C27H56O	002004-39-9	93



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.916	2.8	ng/u1	288765	4	17.010	2054500	20.0
(DEL) Alkane: S...	20.951	2.8	ng/u1	312341	5	21.245	2261910	20.0