

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
 Data File : BN005232.D
 Acq On : 24 Apr 2019 01:56
 Operator : JU/SJ
 Sample : K2403-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5130

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\SOM-EPA-BN041919MA.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	3.016	3	5	19	rVB	166871	244732	3.33%	0.240%
2	3.216	35	39	45	rBV	168749	202652	2.76%	0.199%
3	3.346	59	61	64	rVB3	9924	8802	0.12%	0.009%
4	3.616	103	107	111	rBV	21816	28612	0.39%	0.028%
5	3.705	117	122	129	rBV	158834	191933	2.61%	0.188%
6	3.775	129	134	139	rVV4	15575	25683	0.35%	0.025%
7	3.822	139	142	147	rVB7	7926	11905	0.16%	0.012%
8	3.916	154	158	164	rVB	26398	34166	0.47%	0.033%
9	4.440	242	247	253	rVB3	26476	34858	0.47%	0.034%
10	4.575	268	270	277	rVB5	6265	11260	0.15%	0.011%
11	4.781	301	305	315	rVB2	35453	55424	0.75%	0.054%
12	4.863	315	319	327	rBV2	37051	59126	0.80%	0.058%
13	5.728	462	466	473	rVB2	18421	32894	0.45%	0.032%
14	6.240	549	553	556	rVV6	5956	9360	0.13%	0.009%
15	6.281	556	560	566	rVB6	7904	15120	0.21%	0.015%
16	6.369	571	575	580	rVB6	3938	7955	0.11%	0.008%
17	6.481	590	594	599	rBV2	14842	21772	0.30%	0.021%
18	6.604	610	615	622	rBV7	8644	22894	0.31%	0.022%
19	6.775	634	644	656	rBV	1944870	3023567	41.16%	2.963%
20	6.946	663	673	687	rVB	1460727	2227934	30.33%	2.183%
21	7.134	698	705	715	rBV	1930704	2985823	40.65%	2.926%
22	7.246	719	724	727	rVV6	11914	20854	0.28%	0.020%
23	7.299	730	733	738	rVB5	4997	7417	0.10%	0.007%
24	7.599	777	784	792	rBV	1898424	2997749	40.81%	2.938%
25	7.669	792	796	803	rVB2	24935	40228	0.55%	0.039%
26	8.293	893	902	912	rBV	2239776	3536263	48.14%	3.465%
27	8.404	916	921	929	rVB4	15649	33240	0.45%	0.033%
28	8.734	970	977	986	rVB	1756078	2869233	39.06%	2.812%
29	8.857	991	998	1002	rVV8	9205	19541	0.27%	0.019%
30	8.916	1003	1008	1014	rVB3	18535	31380	0.43%	0.031%
31	9.193	1050	1055	1061	rVB	63167	88979	1.21%	0.087%
32	9.451	1092	1099	1106	rBV	1440041	2337237	31.82%	2.290%
33	9.504	1106	1108	1113	rVB5	10725	15816	0.22%	0.015%
34	9.593	1118	1123	1125	rBV5	4379	7883	0.11%	0.008%

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 Title : SVOA CALIBRATION

35	9.981	1182	1189	1202	rBV	2430844	3948800	53.75%	3.870%
36	10.151	1214	1218	1223	rBV6	7745	14060	0.19%	0.014%
37	10.357	1246	1253	1261	rBV	2538495	4288204	58.37%	4.202%
38	10.410	1261	1262	1266	rVB3	9939	7747	0.11%	0.008%
39	10.493	1269	1276	1293	rBV	1477356	2677320	36.45%	2.624%
40	10.722	1310	1315	1325	rBV	54112	104816	1.43%	0.103%
41	11.169	1390	1391	1397	rVB5	5727	7899	0.11%	0.008%
42	11.269	1403	1408	1413	rBV7	4765	11624	0.16%	0.011%
43	11.681	1472	1478	1481	rBV4	8449	16415	0.22%	0.016%
44	11.792	1493	1497	1506	rVB8	8016	16974	0.23%	0.017%
45	11.951	1519	1524	1532	rVB3	40089	70920	0.97%	0.069%
46	12.022	1532	1536	1542	rBV3	9939	18774	0.26%	0.018%
47	12.586	1625	1632	1636	rBV4	14252	25735	0.35%	0.025%
48	12.839	1669	1675	1681	rVB6	16285	25176	0.34%	0.025%
49	12.963	1691	1696	1701	rBV5	10253	16130	0.22%	0.016%
50	13.075	1711	1715	1719	rVB2	19458	23890	0.33%	0.023%
51	13.139	1719	1726	1733	rVV2	48528	87959	1.20%	0.086%
52	13.192	1733	1735	1742	rVV6	9870	17686	0.24%	0.017%
53	13.416	1770	1773	1775	rVB4	9537	10825	0.15%	0.011%
54	13.651	1806	1813	1817	rBV	3789033	5384560	73.30%	5.277%
55	13.692	1817	1820	1826	rVB	822944	1132019	15.41%	1.109%
56	13.781	1832	1835	1838	rVB5	12370	14985	0.20%	0.015%
57	13.916	1851	1858	1870	rBV	4197125	6336667	86.26%	6.210%
58	14.157	1895	1899	1904	rVB3	32685	38244	0.52%	0.037%
59	14.228	1904	1911	1920	rBV2	3331825	5350938	72.84%	5.244%
60	14.428	1939	1945	1965	rBV	1341064	2021511	27.52%	1.981%
61	14.586	1965	1972	1980	rBV3	51567	107697	1.47%	0.106%
62	14.663	1981	1985	1991	rVB8	23894	34877	0.47%	0.034%
63	14.781	2003	2005	2011	rVB7	14798	20731	0.28%	0.020%
64	14.851	2012	2017	2020	rVV6	17054	33718	0.46%	0.033%
65	14.898	2021	2025	2030	rVB7	21978	46616	0.63%	0.046%
66	15.022	2043	2046	2049	rBV3	11314	14363	0.20%	0.014%
67	15.063	2050	2053	2057	rVV2	27092	36624	0.50%	0.036%
68	15.122	2059	2063	2070	rVB3	33087	52759	0.72%	0.052%
69	15.228	2075	2081	2088	rBV	5096942	7346015	100.00%	7.199%
70	15.298	2090	2093	2096	rBV4	35357	46374	0.63%	0.045%
71	15.345	2096	2101	2108	rBV	680481	957604	13.04%	0.938%

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72	15.469	2118	2122	2127	rVB	71122	91123	1.24%	0.089%
73	15.675	2154	2157	2160	rVB3	14005	17510	0.24%	0.017%
74	15.751	2168	2170	2173	rVB4	10755	8731	0.12%	0.009%
75	15.928	2198	2200	2204	rVV4	10701	9050	0.12%	0.009%
76	15.980	2207	2209	2212	rVV3	26969	37399	0.51%	0.037%
77	16.010	2212	2214	2224	rVB10	42795	80849	1.10%	0.079%
78	16.145	2235	2237	2239	rBV3	11015	9883	0.13%	0.010%
79	16.780	2341	2345	2347	rBV3	27516	34257	0.47%	0.034%
80	16.980	2373	2379	2385	rBV2	3808274	5514085	75.06%	5.403%
81	17.080	2390	2396	2406	rVB	5098126	7027502	95.66%	6.887%
82	17.292	2430	2432	2438	rVB7	23125	35419	0.48%	0.035%
83	17.910	2532	2537	2547	rBV	681189	1138619	15.50%	1.116%
84	18.116	2570	2572	2578	rVB4	43776	56846	0.77%	0.056%
85	18.210	2586	2588	2592	rVB4	40890	54362	0.74%	0.053%
86	18.857	2695	2698	2704	rVB2	64273	88829	1.21%	0.087%
87	19.021	2723	2726	2728	rBV2	47933	63479	0.86%	0.062%
88	19.057	2728	2732	2735	rVV	151719	196987	2.68%	0.193%
89	19.210	2753	2758	2765	rBV	327423	588543	8.01%	0.577%
90	19.392	2784	2789	2797	rBV	5358073	7209062	98.14%	7.064%
91	20.357	2950	2953	2957	rVB	299485	338268	4.60%	0.331%
92	20.957	3052	3055	3061	rBV	301084	464697	6.33%	0.455%
93	21.210	3092	3098	3103	rBV	3959397	5234639	71.26%	5.130%
94	21.404	3129	3131	3135	rBV	128067	149169	2.03%	0.146%
95	21.839	3203	3205	3209	rVB	182696	174825	2.38%	0.171%
96	22.298	3281	3283	3290	rVB	288731	348353	4.74%	0.341%
97	22.798	3366	3368	3372	rVB2	341340	407814	5.55%	0.400%
98	23.274	3443	3449	3455	rBV2	3470789	5946227	80.94%	5.827%
99	23.409	3467	3472	3482	rVB	2812190	5091333	69.31%	4.989%

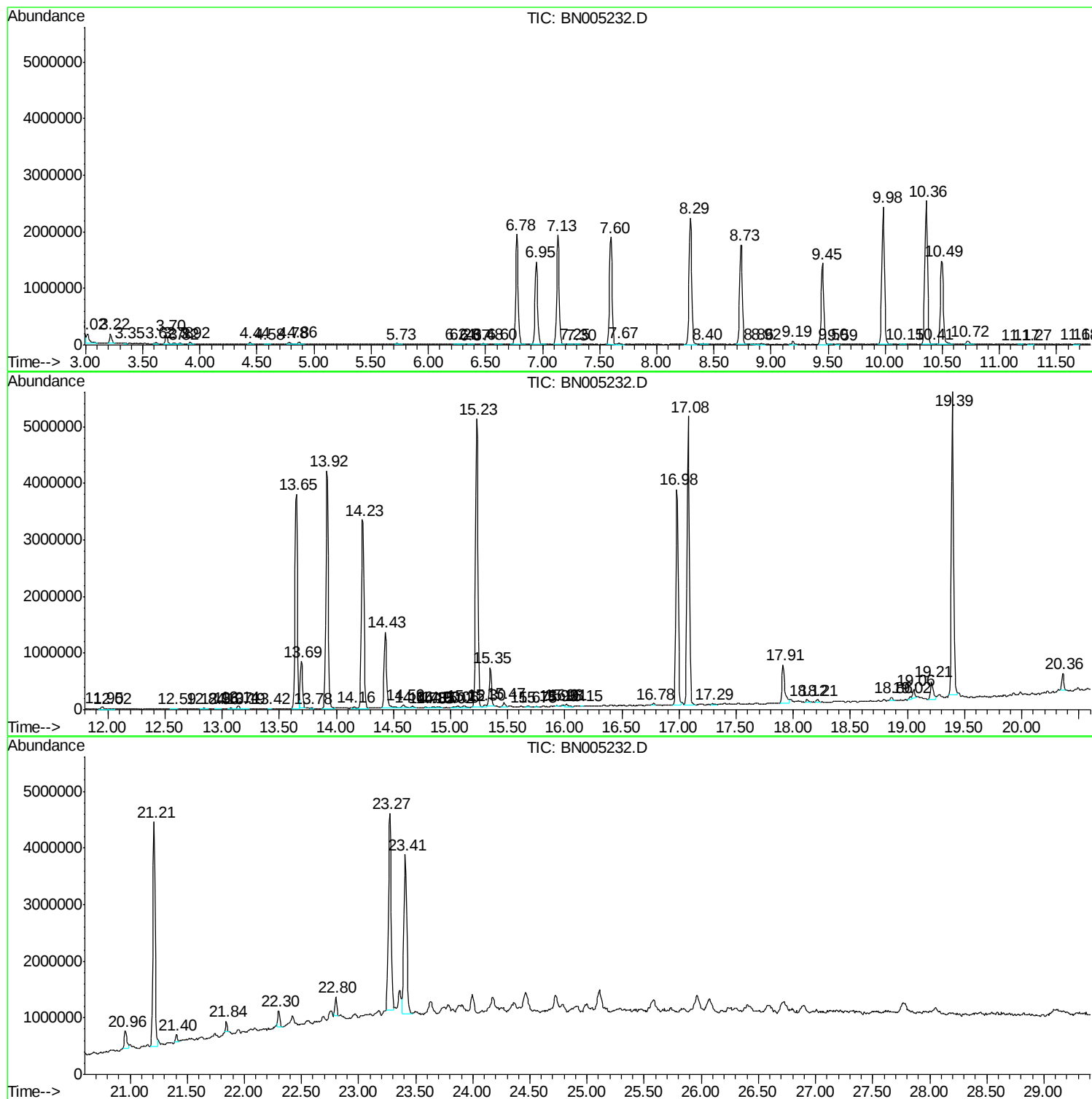
Sum of corrected areas: 102047408

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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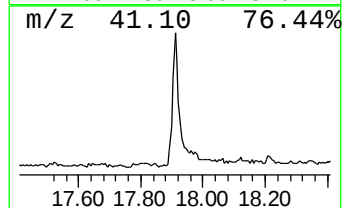
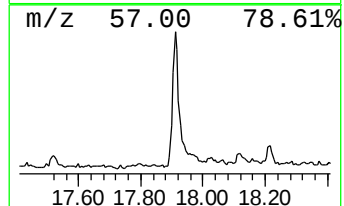
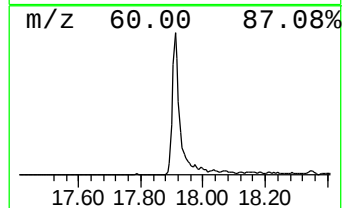
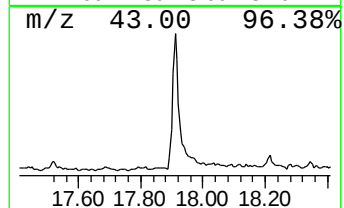
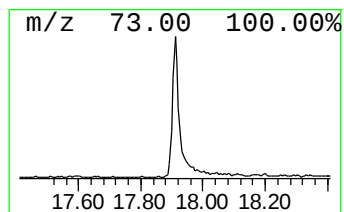
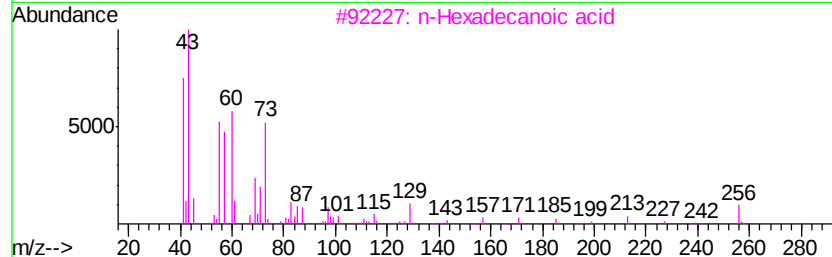
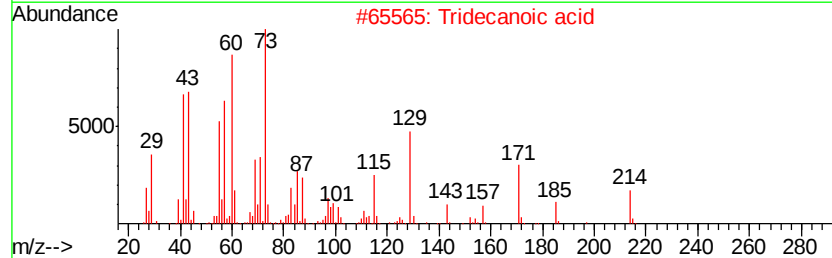
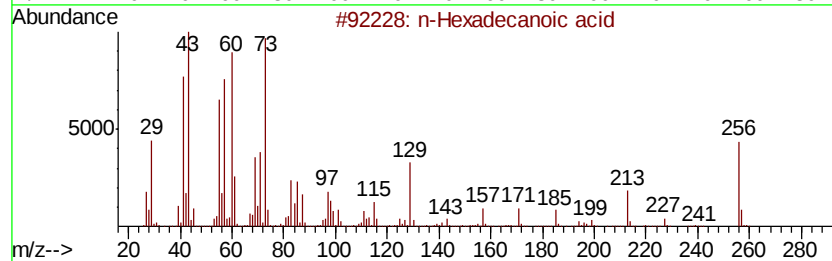
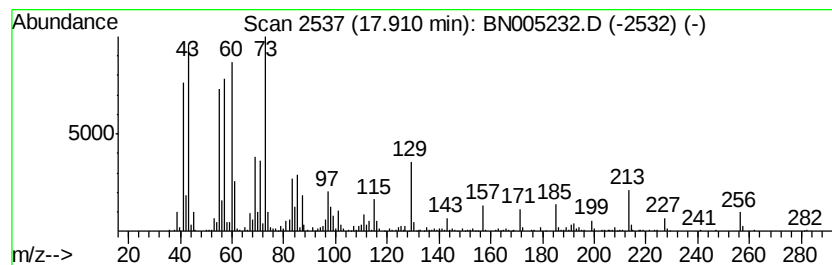
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.91	4.13 ng/ul	1138620	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80	



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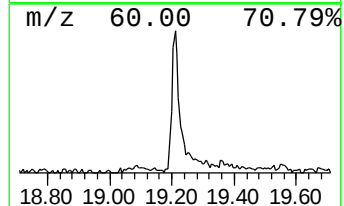
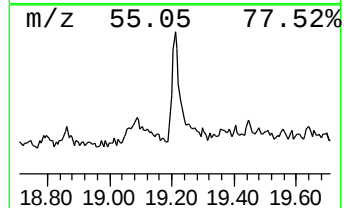
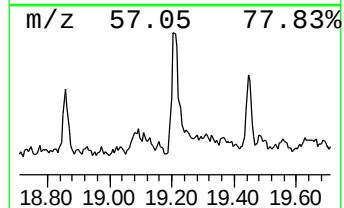
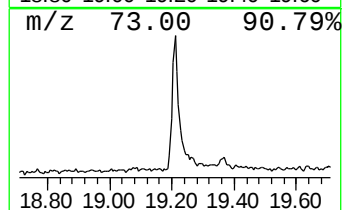
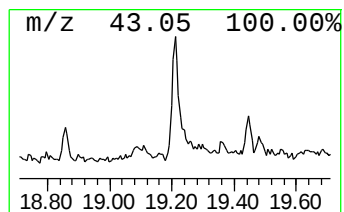
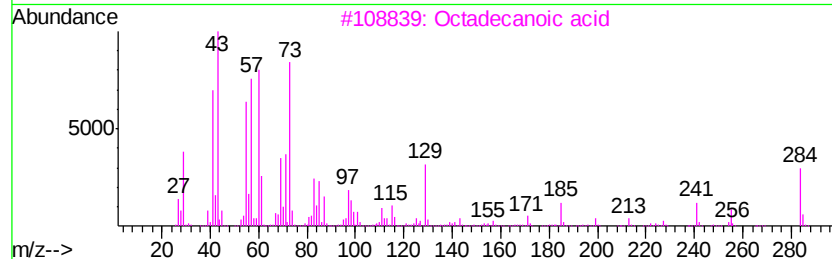
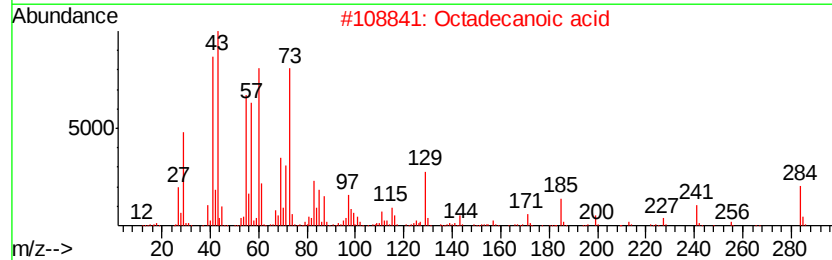
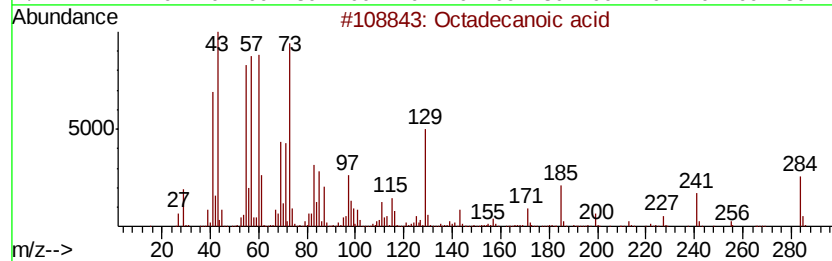
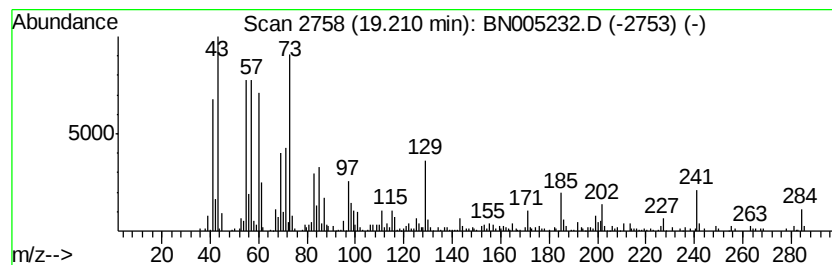
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	2.25 ng/ul	588543	Chrysene-d12	21.21

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	97
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.91	4.1	ng/ul	1138620	4	16.98	5514090	20.0
Octadecanoic acid	19.21	2.3	ng/ul	588543	5	21.21	5234640	20.0