

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
 Data File : BG052704.D
 Acq On : 18 Mar 2022 11:11
 Operator : CG/JU
 Sample : N1882-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBRZ1

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_G\Methods\SFAM-EPA-BG031822.M
 Title : SVOA CALIBRATION

Signal : TIC: BG052704.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.563	27	30	36	rVB5	15127	25369	1.56%	0.161%
2	3.652	43	45	47	rBV2	3068	1857	0.11%	0.012%
3	3.839	74	77	79	rVB	4456	4804	0.29%	0.030%
4	3.922	90	91	93	rBV2	2232	1981	0.12%	0.013%
5	3.980	97	101	113	rBV	186816	333391	20.47%	2.111%
6	4.321	156	159	160	rBV2	4557	3502	0.22%	0.022%
7	4.480	185	186	189	rBV	2968	2173	0.13%	0.014%
8	4.756	231	233	234	rBV2	2730	1986	0.12%	0.013%
9	5.243	312	316	323	rVB6	6261	11969	0.73%	0.076%
10	6.548	537	538	544	rVB4	1592	2271	0.14%	0.014%
11	7.123	631	636	638	rVV4	1674	2697	0.17%	0.017%
12	7.294	654	665	675	rBV	263058	469660	28.84%	2.974%
13	7.470	688	695	703	rBV	180246	311081	19.10%	1.970%
14	7.681	724	731	740	rVV	236755	412886	25.35%	2.614%
15	8.151	803	811	818	rBV	132783	231399	14.21%	1.465%
16	8.204	818	820	827	rVB4	3229	4882	0.30%	0.031%
17	8.545	873	878	879	rBV3	1468	2364	0.15%	0.015%
18	8.839	919	928	941	rBV	302905	537760	33.02%	3.405%
19	9.097	969	972	974	rVB2	1789	2046	0.13%	0.013%
20	9.126	974	977	978	rBV3	1718	1886	0.12%	0.012%
21	9.309	1000	1008	1018	rVB2	234592	415674	25.52%	2.632%
22	9.397	1020	1023	1026	rBV4	1814	2121	0.13%	0.013%
23	9.755	1079	1084	1089	rVV5	6568	12080	0.74%	0.076%
24	9.896	1102	1108	1111	rBV2	1641	2852	0.18%	0.018%
25	10.031	1124	1131	1139	rBV	165871	304491	18.70%	1.928%
26	10.243	1164	1167	1169	rBV2	1922	2166	0.13%	0.014%
27	10.572	1216	1223	1232	rVV	306891	531803	32.65%	3.367%
28	10.730	1243	1250	1257	rBV4	10646	19686	1.21%	0.125%
29	10.965	1283	1290	1298	rBV	175208	324803	19.94%	2.057%
30	11.089	1301	1311	1319	rBV	276561	521972	32.05%	3.305%
31	11.729	1416	1420	1425	rVB3	1999	2683	0.16%	0.017%
32	12.375	1523	1530	1536	rVB4	7334	11534	0.71%	0.073%
33	12.475	1543	1547	1550	rVB2	1341	1873	0.11%	0.012%
34	12.534	1550	1557	1563	rBV5	5943	11411	0.70%	0.072%
35	13.004	1633	1637	1639	rBV	2129	2690	0.17%	0.017%
36	13.180	1663	1667	1669	rVV5	2170	2785	0.17%	0.018%

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Integrator: RTE

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37	13.321	1686	1691	1694	rVB4	2616	4053	0.25%	0.026%
38	13.509	1714	1723	1724	rBV2	951	1983	0.12%	0.013%
39	13.603	1734	1739	1744	rBV3	13653	20591	1.26%	0.130%
40	14.167	1828	1835	1842	rVB	556842	804392	49.39%	5.093%

41	14.225	1842	1845	1847	rBV2	2000	2460	0.15%	0.016%
42	14.290	1854	1856	1861	rVB	1553	1966	0.12%	0.012%
43	14.402	1872	1875	1877	rBV3	2686	3166	0.19%	0.020%
44	14.460	1879	1885	1896	rVB	594968	958608	58.86%	6.069%
45	14.666	1914	1920	1927	rVV4	4627	7009	0.43%	0.044%

46	14.772	1931	1938	1945	rVB	279661	458812	28.17%	2.905%
47	14.930	1959	1965	1976	rBV	266435	415672	25.52%	2.632%
48	15.165	2002	2005	2011	rBV4	1989	2639	0.16%	0.017%
49	15.565	2072	2073	2077	rVB3	3644	3334	0.20%	0.021%
50	15.618	2077	2082	2085	rBV5	3086	4792	0.29%	0.030%

51	15.759	2099	2106	2114	rVB	769776	1186200	72.83%	7.510%
52	15.859	2117	2123	2130	rVV	189173	268909	16.51%	1.703%
53	16.000	2142	2147	2152	rVB4	4155	7500	0.46%	0.047%
54	16.240	2185	2188	2190	rVB3	1824	2127	0.13%	0.013%
55	16.399	2210	2215	2217	rVV3	2042	2411	0.15%	0.015%

56	16.434	2217	2221	2224	rVB3	2675	3017	0.19%	0.019%
57	16.469	2226	2227	2230	rBV2	2135	1851	0.11%	0.012%
58	16.546	2237	2240	2247	rVB3	3225	4473	0.27%	0.028%
59	16.757	2272	2276	2280	rVB4	2607	3892	0.24%	0.025%
60	16.828	2284	2288	2289	rBV2	1940	2065	0.13%	0.013%

61	16.910	2300	2302	2305	rVV2	2126	2223	0.14%	0.014%
62	16.969	2310	2312	2315	rBV4	2389	2654	0.16%	0.017%
63	17.104	2334	2335	2341	rBV3	2139	2160	0.13%	0.014%
64	17.227	2353	2356	2358	rBV3	2017	2332	0.14%	0.015%
65	17.251	2358	2360	2365	rBV2	3130	5271	0.32%	0.033%

66	17.421	2383	2389	2391	rVV5	1932	3469	0.21%	0.022%
67	17.509	2397	2404	2414	rVB	373638	588215	36.12%	3.724%
68	17.609	2414	2421	2429	rBV2	854456	1327481	81.51%	8.405%
69	17.685	2429	2434	2437	rVV6	8318	12275	0.75%	0.078%
70	17.879	2464	2467	2468	rVV2	2541	2136	0.13%	0.014%

71	18.185	2516	2519	2521	rVB3	2543	2303	0.14%	0.015%
72	18.291	2534	2537	2539	rVB4	2282	1957	0.12%	0.012%
73	18.320	2539	2542	2545	rBV4	2187	3015	0.19%	0.019%
74	18.390	2550	2554	2560	rBV2	81814	117557	7.22%	0.744%
75	18.467	2565	2567	2571	rVB4	3122	4549	0.28%	0.029%

76	18.555	2580	2582	2586	rVB3	2775	2991	0.18%	0.019%
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77	18.702	2603	2607	2611	rBV6	5507	8510	0.52%	0.054%
78	18.825	2625	2628	2630	rBV4	2955	3097	0.19%	0.020%
79	18.884	2637	2638	2641	rBV3	2036	1969	0.12%	0.012%
80	18.966	2651	2652	2653	rBV	2956	1931	0.12%	0.012%
81	19.113	2675	2677	2679	rVB3	2745	2314	0.14%	0.015%
82	19.131	2679	2680	2682	rBV2	3019	2434	0.15%	0.015%
83	19.371	2717	2721	2724	rBV4	2490	3880	0.24%	0.025%
84	19.460	2731	2736	2740	rBV4	14448	19699	1.21%	0.125%
85	19.495	2740	2742	2744	rBV3	2151	2421	0.15%	0.015%
86	19.524	2744	2747	2751	rVV3	14282	22167	1.36%	0.140%
87	19.659	2766	2770	2773	rBV2	15419	21428	1.32%	0.136%
88	19.812	2793	2796	2798	rBV3	4252	4497	0.28%	0.028%
89	19.894	2803	2810	2819	rVB	1132442	1628709	100.00%	10.312%
90	20.029	2831	2833	2835	rBV3	2899	2938	0.18%	0.019%
91	20.070	2838	2840	2842	rVV3	3340	2523	0.15%	0.016%
92	20.546	2919	2921	2922	rBV2	4039	2436	0.15%	0.015%
93	21.433	3067	3072	3079	rBV	222491	316813	19.45%	2.006%
94	21.798	3127	3134	3141	rBV	406917	683752	41.98%	4.329%
95	22.655	3275	3280	3283	rBV7	18588	35890	2.20%	0.227%
96	23.178	3367	3369	3372	rBV3	8638	10064	0.62%	0.064%
97	24.893	3650	3661	3672	rVB2	533388	1596770	98.04%	10.110%
98	24.970	3672	3674	3675	rBV2	8053	5530	0.34%	0.035%
99	25.117	3690	3699	3708	rBV2	215115	618697	37.99%	3.917%
100	28.553	4282	4284	4285	rBV2	8467	6376	0.39%	0.040%

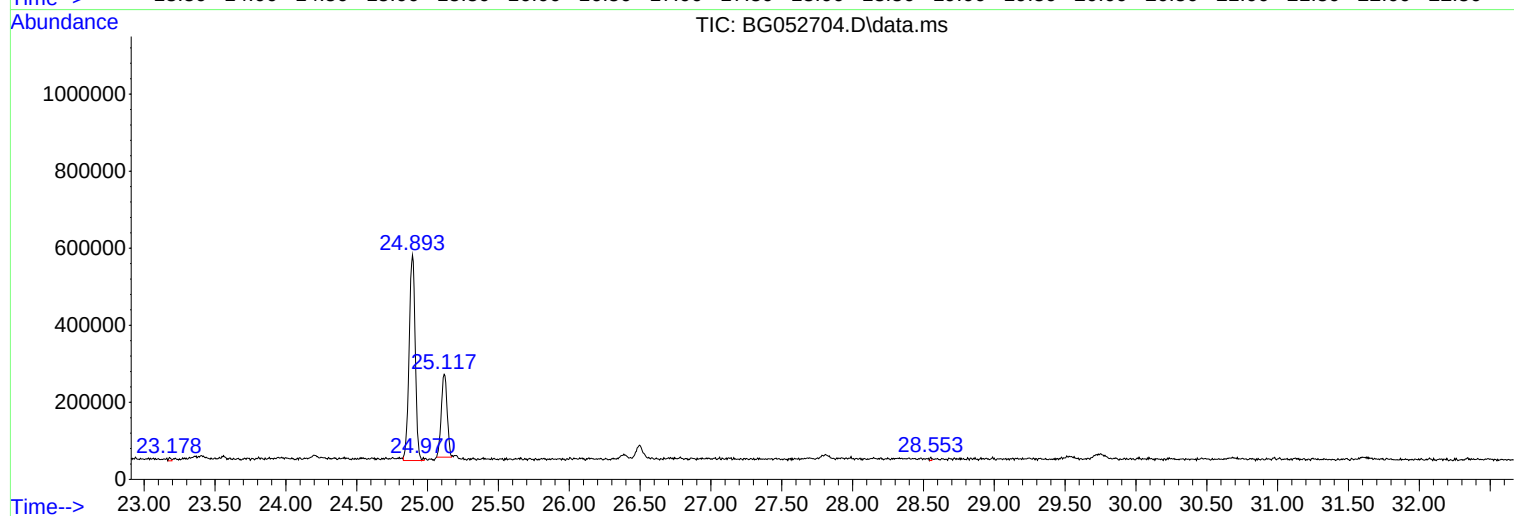
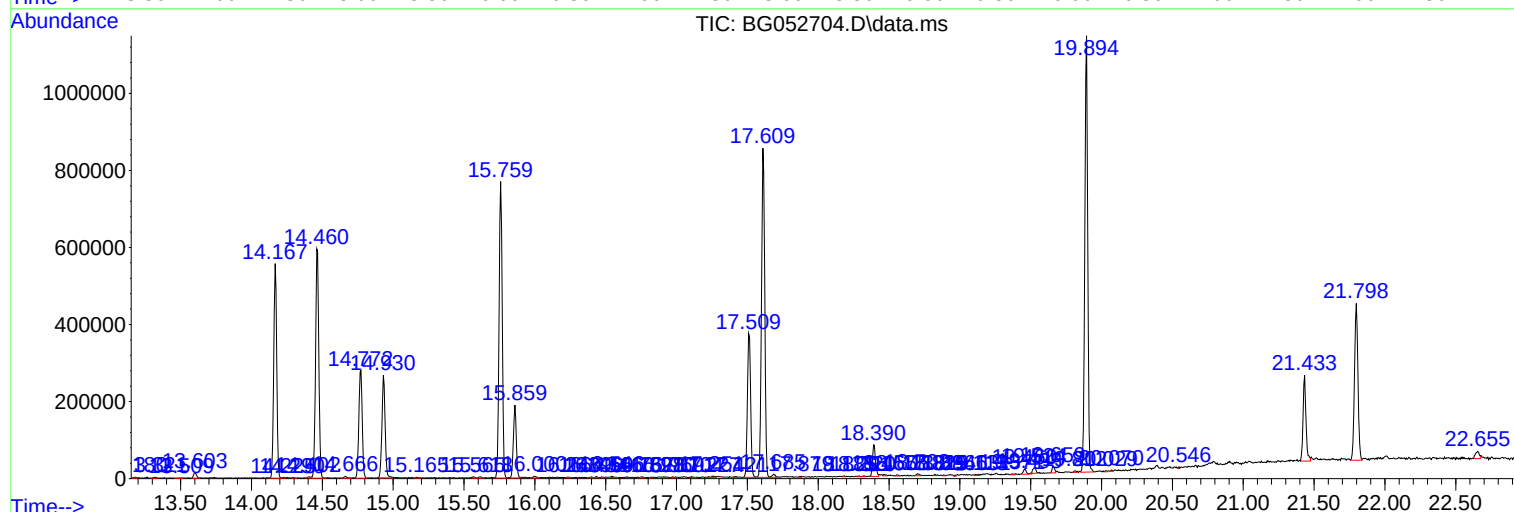
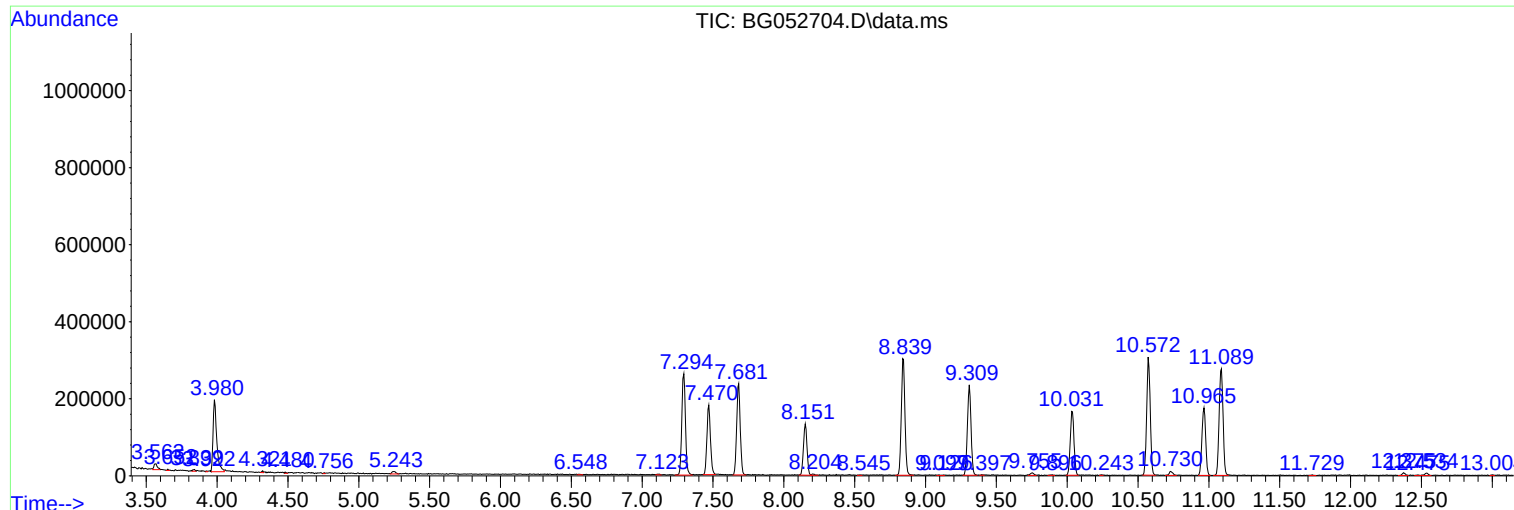
Sum of corrected areas: 15793943

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

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



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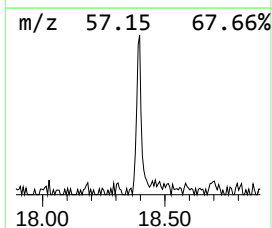
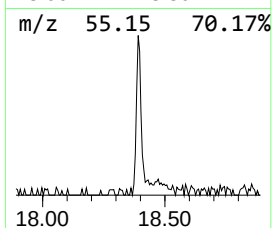
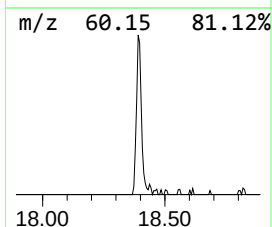
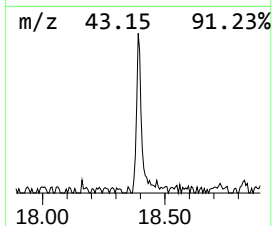
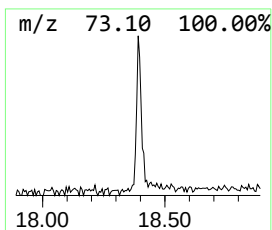
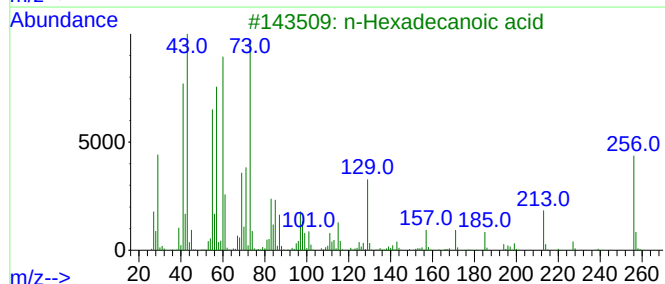
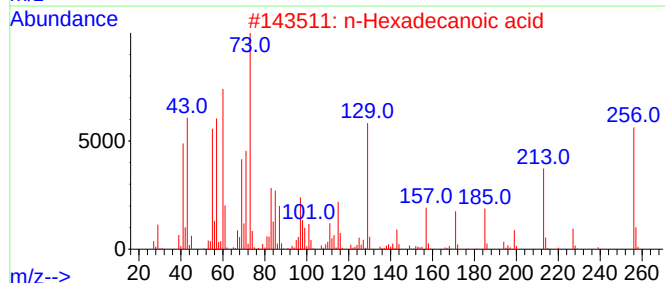
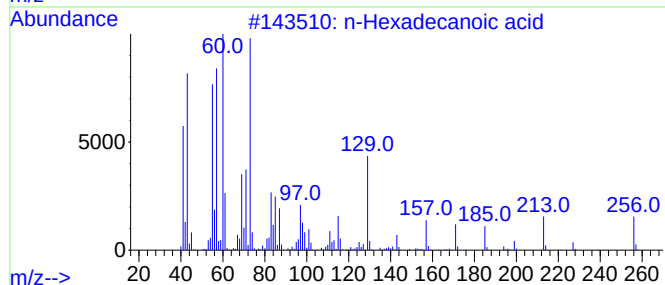
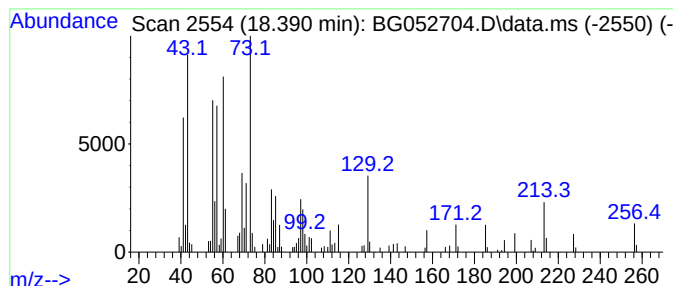
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.390	4.00 ng/ul	117557	Phenanthrene-d10	17.509

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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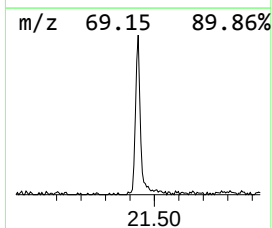
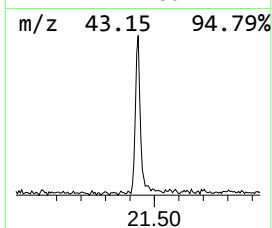
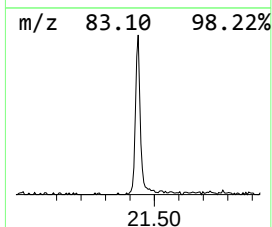
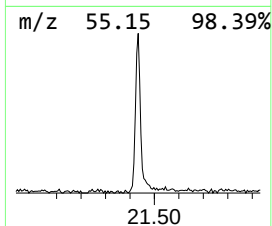
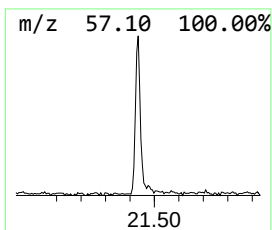
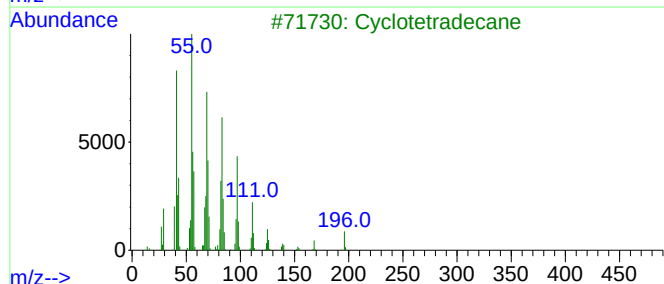
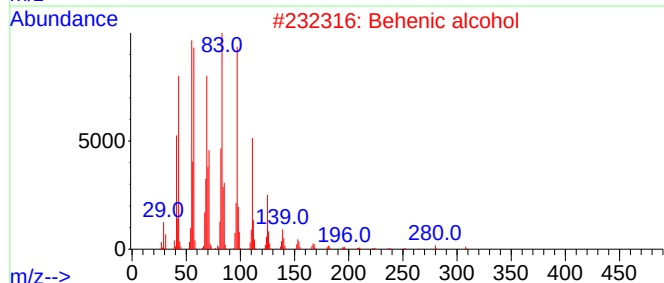
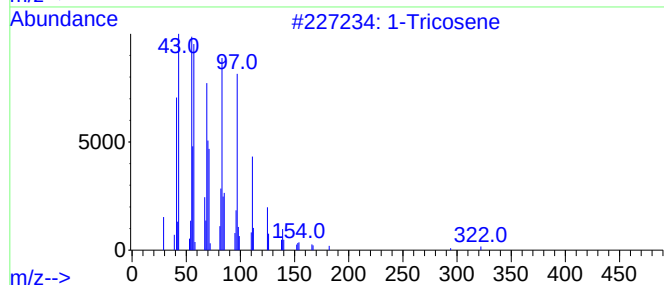
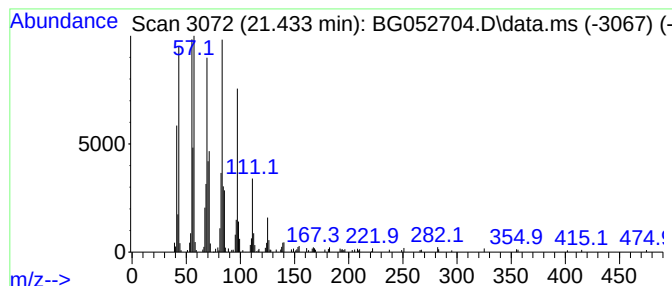
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.433	9.27 ng/ul	316813	Chrysene-d12	21.797

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene			322	C23H46	018835-32-0	94
2	Behenic alcohol			326	C22H46O	000661-19-8	94
3	Cyclotetradecane			196	C14H28	000295-17-0	91
4	1-Heneicosanol			312	C21H44O	015594-90-8	91
5	9-Eicosene, (E)-			280	C20H40	074685-29-3	91



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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 ...	18.390	4.0	ng/ul	117557	4	17.509	588215	20.0
(DEL) Alkane: S...	21.433	9.3	ng/ul	316813	5	21.797	683752	20.0