

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031714.D
 Acq On : 30 May 2024 09:03
 Operator : MA/JU
 Sample : P2569-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6A1

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-BN052924.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN031714.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	32	36	48	rVB	87904	138216	1.65%	0.122%
2	3.464	77	81	90	rBV	94786	149502	1.79%	0.132%
3	3.605	101	105	118	rBV	974720	1627597	19.49%	1.437%
4	3.711	119	123	131	rVV	118342	181727	2.18%	0.161%
5	3.781	132	135	142	rVB3	22021	36962	0.44%	0.033%
6	3.922	155	159	166	rVB2	27766	44554	0.53%	0.039%
7	4.470	248	252	257	rVB5	9826	12705	0.15%	0.011%
8	4.628	273	279	285	rBV9	8426	24789	0.30%	0.022%
9	4.717	290	294	298	rVB7	8952	13746	0.16%	0.012%
10	4.817	309	311	316	rVB	9708	13959	0.17%	0.012%
11	4.917	322	328	334	rVB2	33780	58904	0.71%	0.052%
12	5.705	458	462	467	rBV7	7510	11287	0.14%	0.010%
13	5.787	469	476	485	rVB	44795	76205	0.91%	0.067%
14	5.964	503	506	511	rVB6	7235	10720	0.13%	0.009%
15	6.293	558	562	565	rVB4	7065	10497	0.13%	0.009%
16	6.681	623	628	635	rBV7	15281	32136	0.38%	0.028%
17	6.863	650	659	674	rVB	1716228	2818133	33.74%	2.489%
18	7.028	681	687	698	rVB	1425491	2298532	27.52%	2.030%
19	7.222	712	720	728	rBV	1764045	2867955	34.34%	2.533%
20	7.299	728	733	740	rBV3	23485	43568	0.52%	0.038%
21	7.693	792	800	807	rVV	2004214	3207632	38.41%	2.833%
22	7.758	807	811	816	rVB2	32380	51269	0.61%	0.045%
23	8.228	887	891	892	rBV4	10911	12450	0.15%	0.011%
24	8.393	912	919	928	rBV	2183884	3477362	41.64%	3.071%
25	8.505	935	938	946	rVB7	7013	13561	0.16%	0.012%
26	8.846	988	996	1005	rBV	1753001	2791917	33.43%	2.466%
27	8.957	1010	1015	1020	rVV9	6350	11011	0.13%	0.010%
28	9.010	1020	1024	1029	rVB8	11592	17043	0.20%	0.015%
29	9.252	1060	1065	1072	rVB	37924	64457	0.77%	0.057%
30	9.410	1085	1092	1098	rBV	130774	200980	2.41%	0.178%
31	9.563	1109	1118	1132	rBV	1337946	2269202	27.17%	2.004%
32	9.787	1151	1156	1161	rBV4	17104	29084	0.35%	0.026%
33	9.893	1169	1174	1177	rBV7	7475	11979	0.14%	0.011%
34	9.981	1183	1189	1193	rBV9	7869	16048	0.19%	0.014%
35	10.093	1200	1208	1218	rBV	2188976	3701166	44.32%	3.269%
36	10.257	1229	1236	1242	rVB2	23698	41974	0.50%	0.037%

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37	10.475	1265	1273	1280	rBV	2834195	4846276	58.03%	4.280%
38	10.610	1289	1296	1313	rBV	1796626	3202178	38.34%	2.828%
39	10.834	1330	1334	1339	rBV7	6956	14192	0.17%	0.013%
40	11.016	1359	1365	1370	rBV2	49827	79493	0.95%	0.070%
41	11.128	1378	1384	1389	rVB9	8186	17347	0.21%	0.015%
42	11.216	1391	1399	1405	rBV	184434	329818	3.95%	0.291%
43	11.899	1509	1515	1523	rVB4	12617	21962	0.26%	0.019%
44	11.975	1523	1528	1535	rVV3	13761	26334	0.32%	0.023%
45	12.063	1535	1543	1550	rVV2	46056	83836	1.00%	0.074%
46	12.134	1553	1555	1563	rVB	16024	27946	0.33%	0.025%
47	12.269	1573	1578	1584	rBV9	5970	12774	0.15%	0.011%
48	12.363	1588	1594	1597	rBV2	15937	26710	0.32%	0.024%
49	12.487	1612	1615	1618	rBV5	5899	8903	0.11%	0.008%
50	12.675	1645	1647	1652	rVV6	8182	14126	0.17%	0.012%
51	12.734	1654	1657	1660	rVB5	7251	9178	0.11%	0.008%
52	12.863	1676	1679	1684	rBV6	7858	11691	0.14%	0.010%
53	13.110	1715	1721	1724	rBV7	10239	18400	0.22%	0.016%
54	13.157	1724	1729	1736	rVB3	31963	53007	0.63%	0.047%
55	13.293	1749	1752	1758	rVB7	14810	23062	0.28%	0.020%
56	13.375	1762	1766	1774	rVB7	7028	15900	0.19%	0.014%
57	13.498	1783	1787	1788	rBV4	9912	13589	0.16%	0.012%
58	13.651	1808	1813	1817	rVB3	21433	38093	0.46%	0.034%
59	13.745	1823	1829	1844	rVB	3928094	5419752	64.89%	4.787%
60	13.887	1850	1853	1856	rVB4	9183	10392	0.12%	0.009%
61	14.022	1865	1876	1891	rBV	4539828	6965507	83.40%	6.152%
62	14.234	1908	1912	1916	rVB2	22304	29855	0.36%	0.026%
63	14.328	1920	1928	1935	rVV	4068055	6259533	74.95%	5.528%
64	14.393	1935	1939	1948	rVB	39381	77504	0.93%	0.068%
65	14.534	1956	1963	1974	rBV	1728204	2746584	32.89%	2.426%
66	14.687	1984	1989	1993	rBV	63730	95856	1.15%	0.085%
67	14.745	1993	1999	2004	rVV5	34174	84056	1.01%	0.074%
68	14.810	2006	2010	2013	rVB3	15443	21026	0.25%	0.019%
69	14.951	2026	2034	2038	rBV7	22598	61244	0.73%	0.054%
70	14.998	2040	2042	2045	rVB3	16762	18805	0.23%	0.017%
71	15.128	2060	2064	2071	rVV6	14931	30130	0.36%	0.027%
72	15.198	2071	2076	2084	rVB3	24042	50408	0.60%	0.045%
73	15.328	2090	2098	2104	rBV	5357422	8022361	96.06%	7.085%
74	15.381	2104	2107	2113	rVV3	32669	52868	0.63%	0.047%
75	15.451	2113	2119	2125	rVV	655264	914011	10.94%	0.807%
76	15.563	2134	2138	2141	rBV4	26163	38455	0.46%	0.034%

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77	16.051	2217	2221	2228	rBV6	52159	98037	1.17%	0.087%
78	16.481	2291	2294	2297	rBV5	21274	26299	0.31%	0.023%
79	16.734	2333	2337	2345	rVB2	47647	80743	0.97%	0.071%
80	16.839	2352	2355	2360	rBV4	24917	41905	0.50%	0.037%
81	16.892	2361	2364	2369	rVB2	37695	47869	0.57%	0.042%
82	17.075	2389	2395	2400	rBV	4504549	6711148	80.36%	5.927%
83	17.116	2400	2402	2407	rVV	609661	797351	9.55%	0.704%
84	17.175	2407	2412	2422	rVB	5258358	7865055	94.17%	6.946%
85	17.322	2434	2437	2445	rBV3	43187	87180	1.04%	0.077%
86	17.975	2540	2548	2558	rBV3	1022408	1990347	23.83%	1.758%
87	18.139	2572	2576	2581	rBV2	172265	323747	3.88%	0.286%
88	18.181	2581	2583	2589	rVB	110774	144203	1.73%	0.127%
89	18.304	2601	2604	2609	rVB2	121770	150211	1.80%	0.133%
90	18.457	2627	2630	2633	rBV	84371	100672	1.21%	0.089%
91	18.498	2634	2637	2642	rVB2	94192	123711	1.48%	0.109%
92	18.875	2698	2701	2705	rBV2	116883	151999	1.82%	0.134%
93	19.139	2741	2746	2753	rVB	1292035	1722497	20.62%	1.521%
94	19.263	2764	2767	2770	rBV	217262	270154	3.23%	0.239%
95	19.475	2797	2803	2807	rBV	5632158	8351577	100.00%	7.376%
96	20.998	3059	3062	3069	rVB3	1216408	1583200	18.96%	1.398%
97	21.227	3098	3101	3105	rVB	417906	524513	6.28%	0.463%
98	21.310	3109	3115	3120	rBV2	3210626	5420658	64.91%	4.788%
99	24.057	3575	3582	3589	rBV2	2176353	4943575	59.19%	4.366%
100	24.257	3610	3616	3638	rVB	1916493	5485830	65.69%	4.845%

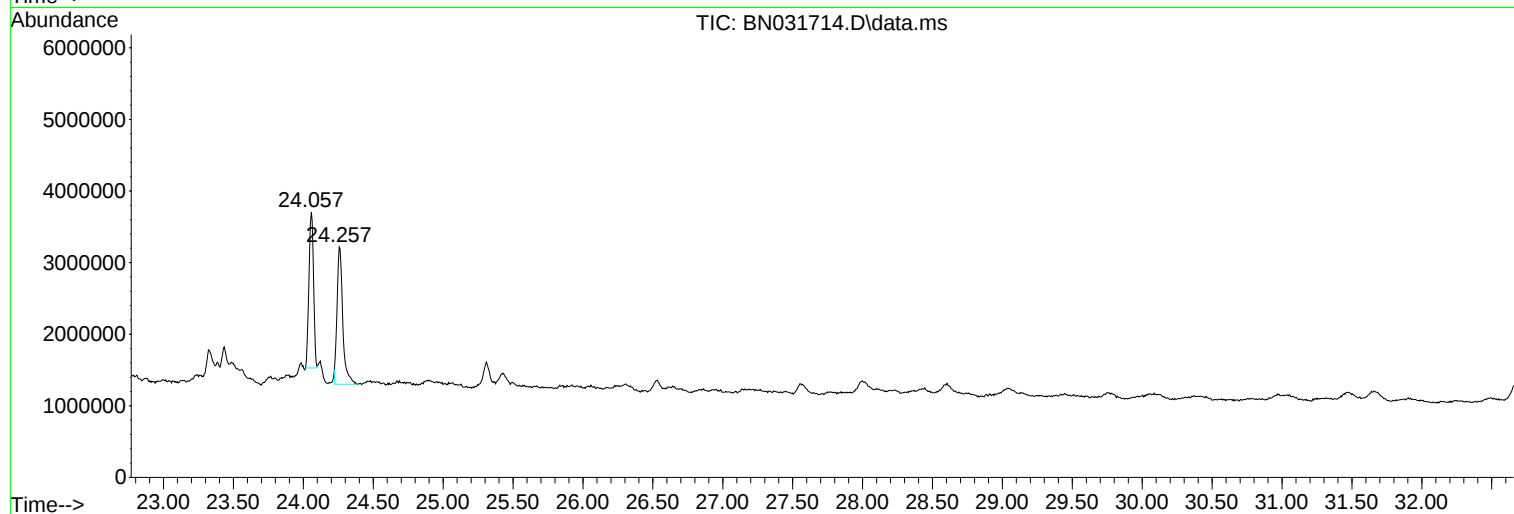
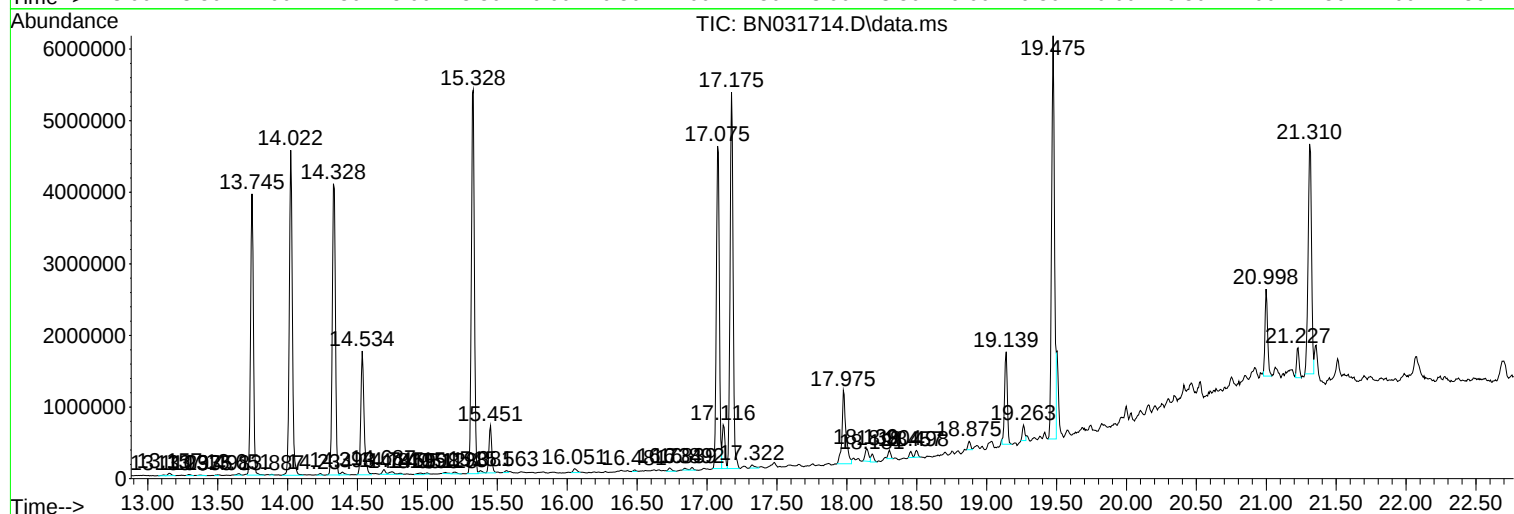
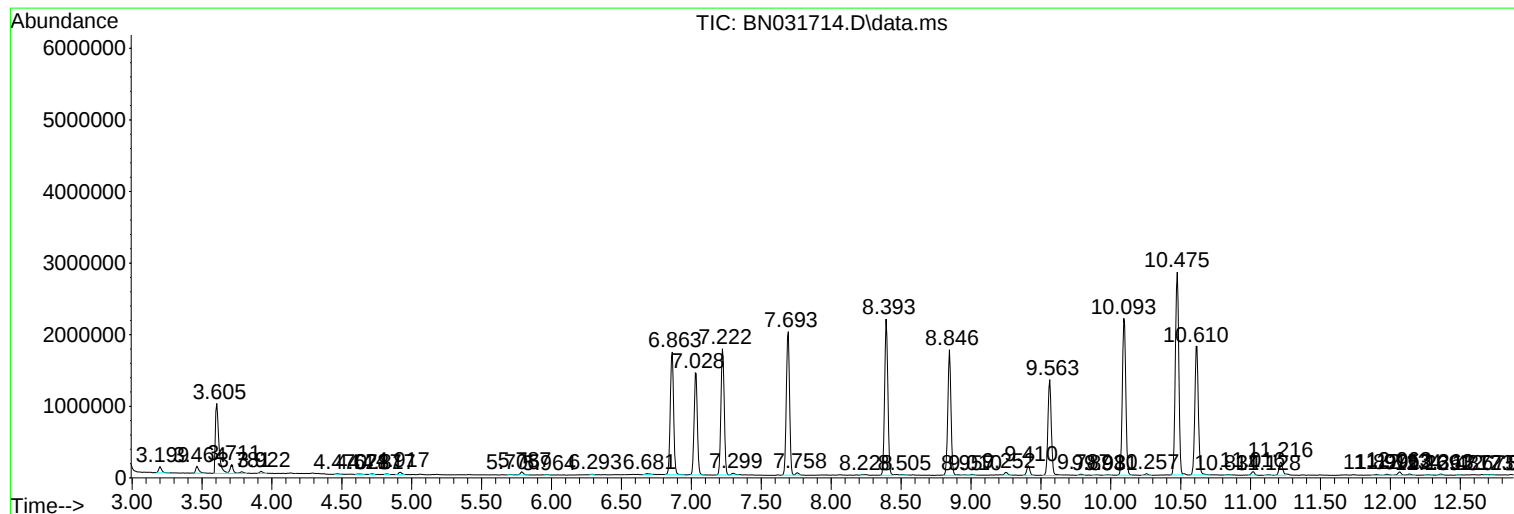
Sum of corrected areas: 113224472

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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



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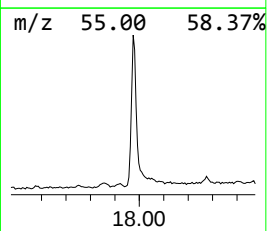
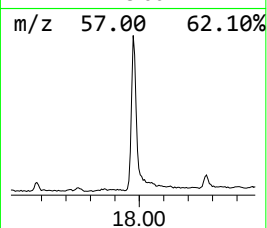
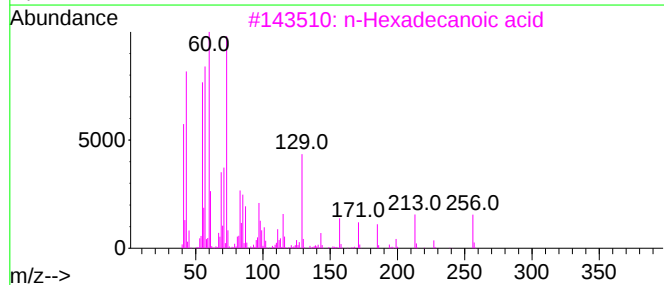
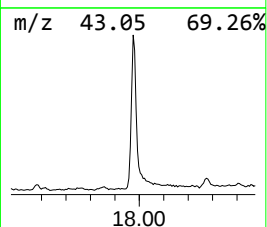
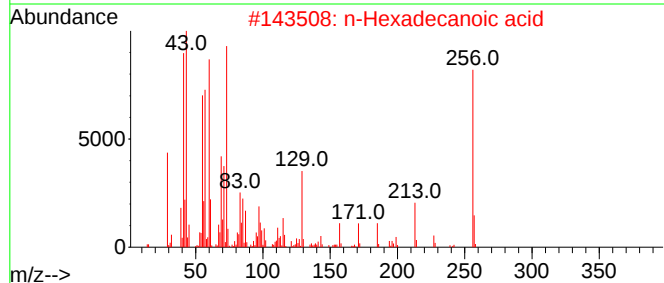
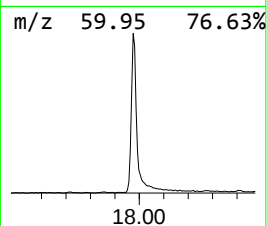
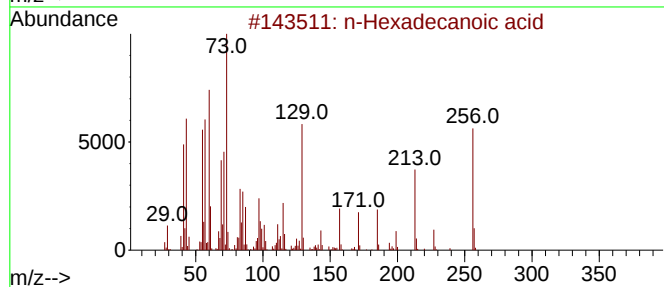
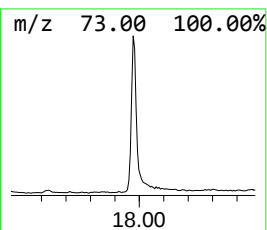
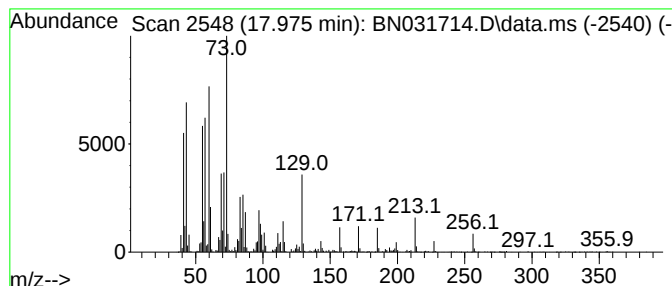
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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.
17.975	5.93 ng/ul	1990350	Phenanthrene-d10	17.075

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	99		
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93		



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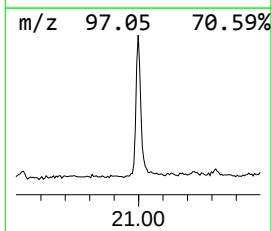
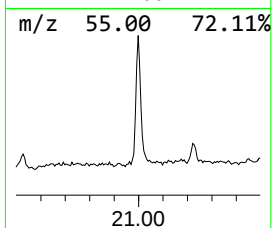
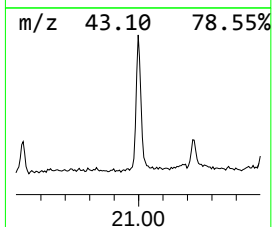
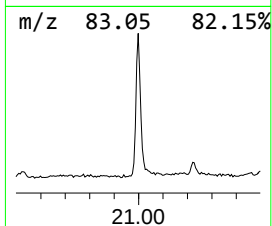
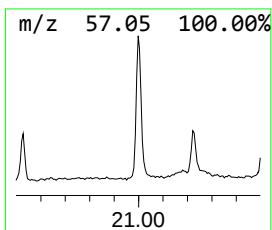
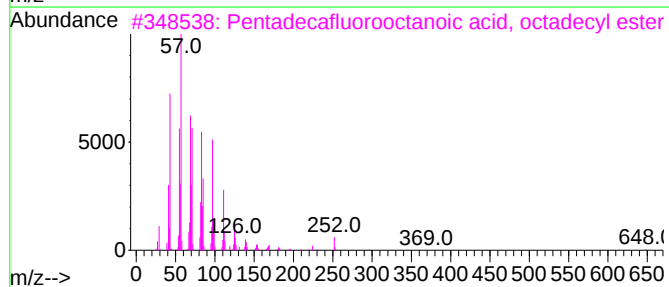
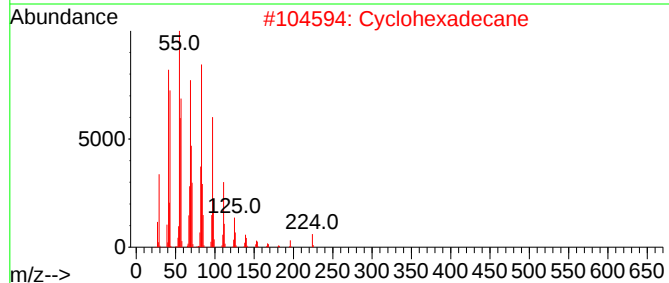
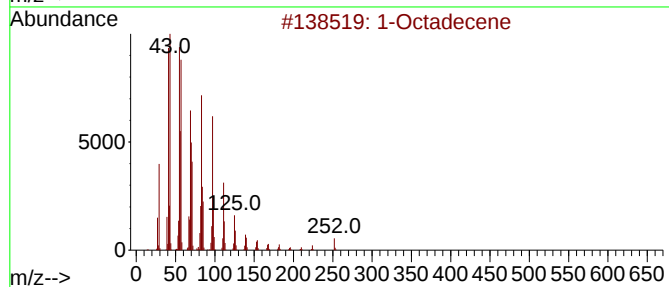
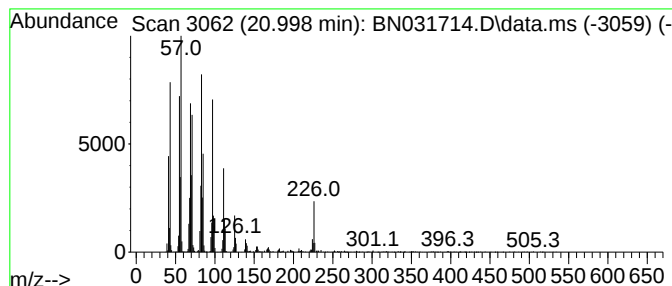
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Quant Title : SVOA CALIBRATION

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.
20.998	5.84 ng/ul	1583200	Chrysene-d12	21.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecene	252	C18H36	000112-88-9	96
2		Cyclohexadecane	224	C16H32	000295-65-8	94
3		Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
4		5-Octadecene, (E)-	252	C18H36	007206-21-5	92
5		1-Heneicosanol	312	C21H44O	015594-90-8	92



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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 ...	17.975	5.9	ng/u1	1990350	4	17.075	6711150	20.0
(DEL) Alkane: S...	20.998	5.8	ng/u1	1583200	5	21.316	5420660	20.0