

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
 Data File : BG046946.D
 Acq On : 17 Oct 2020 17:38
 Operator : CG/JU
 Sample : L4259-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C5CG3

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_G\METHODS\SOM-EPA-BG101520MA.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	4.237	150	153	159	rBV3	4159	6017	0.28%	0.031%
2	7.222	654	661	671	rVV2	71876	136701	6.38%	0.694%
3	7.392	680	690	698	rBV	201273	328337	15.32%	1.667%
4	7.598	719	725	732	rBV	221495	386390	18.03%	1.962%
5	8.074	797	806	812	rBV	197838	349516	16.31%	1.775%
6	8.127	812	815	821	rVB2	6012	8760	0.41%	0.044%
7	8.773	918	925	934	rBV	190461	326435	15.23%	1.658%
8	8.914	945	949	954	rBV6	4701	8587	0.40%	0.044%
9	9.232	997	1003	1010	rVB	274367	484835	22.62%	2.462%
10	9.649	1070	1074	1080	rVB5	4048	7554	0.35%	0.038%
11	9.954	1118	1126	1136	rVB	249998	445380	20.78%	2.262%
12	10.066	1141	1145	1149	rVB2	5063	5918	0.28%	0.030%
13	10.495	1211	1218	1228	rBV	358680	642447	29.97%	3.262%
14	10.883	1276	1284	1291	rVB	306134	514497	24.00%	2.613%
15	11.006	1300	1305	1313	rBV5	20704	41292	1.93%	0.210%
16	12.204	1506	1509	1512	rVB3	4636	5840	0.27%	0.030%
17	12.252	1512	1517	1523	rBV4	13143	28903	1.35%	0.147%
18	12.357	1532	1535	1541	rVV7	7769	13987	0.65%	0.071%
19	12.463	1546	1553	1558	rBV8	8726	19076	0.89%	0.097%
20	12.498	1558	1559	1565	rVB3	3951	5799	0.27%	0.029%
21	12.598	1571	1576	1579	rBV5	3429	8257	0.39%	0.042%
22	12.974	1633	1640	1643	rBV5	11295	19982	0.93%	0.101%
23	13.045	1649	1652	1658	rVB5	4592	8218	0.38%	0.042%
24	13.133	1664	1667	1669	rBV4	3886	5412	0.25%	0.027%
25	13.239	1679	1685	1690	rBV6	4307	10773	0.50%	0.055%
26	13.362	1703	1706	1707	rBV3	4385	4886	0.23%	0.025%
27	13.497	1725	1729	1730	rBV4	3883	5511	0.26%	0.028%
28	13.585	1740	1744	1746	rBV3	6188	8198	0.38%	0.042%
29	13.838	1782	1787	1789	rBV4	14025	24483	1.14%	0.124%
30	13.973	1806	1810	1813	rVB5	4968	6571	0.31%	0.033%
31	14.096	1824	1831	1837	rBV	723946	1090469	50.88%	5.537%
32	14.143	1837	1839	1846	rVB	43577	56312	2.63%	0.286%
33	14.243	1854	1856	1858	rBV3	5026	4819	0.22%	0.024%
34	14.396	1875	1882	1889	rVB	754824	1208856	56.40%	6.138%

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35	14.461	1889	1893	1896	rBV5	5069	8875	0.41%	0.045%
36	14.502	1896	1900	1905	rVB8	5194	7096	0.33%	0.036%
37	14.596	1910	1916	1919	rBV7	6053	9088	0.42%	0.046%
38	14.649	1919	1925	1928	rVV	28664	45101	2.10%	0.229%
39	14.702	1928	1934	1941	rVV2	489931	792991	37.00%	4.027%
40	14.884	1958	1965	1971	rBV2	83204	146848	6.85%	0.746%
41	14.931	1971	1973	1978	rVB6	7972	8358	0.39%	0.042%
42	15.001	1978	1985	1986	rBV5	13800	18783	0.88%	0.095%
43	15.142	2006	2009	2010	rBV2	6312	6969	0.33%	0.035%
44	15.236	2023	2025	2031	rVB5	7983	10351	0.48%	0.053%
45	15.319	2036	2039	2043	rVB6	12145	18444	0.86%	0.094%
46	15.366	2045	2047	2049	rVB3	7408	6393	0.30%	0.032%
47	15.424	2049	2057	2064	rBV8	15763	44535	2.08%	0.226%
48	15.648	2091	2095	2096	rVV4	5328	6529	0.30%	0.033%
49	15.689	2096	2102	2114	rVB	1078321	1619642	75.57%	8.224%
50	15.800	2114	2121	2129	rBV	414557	621186	28.98%	3.154%
51	15.865	2130	2132	2136	rVV5	12642	21196	0.99%	0.108%
52	15.930	2140	2143	2152	rVV8	12564	24251	1.13%	0.123%
53	16.012	2154	2157	2158	rVV3	6206	6189	0.29%	0.031%
54	16.082	2168	2169	2172	rBV3	6396	7322	0.34%	0.037%
55	16.188	2184	2187	2190	rBV4	12524	16331	0.76%	0.083%
56	16.294	2198	2205	2208	rVB2	20558	32077	1.50%	0.163%
57	16.376	2213	2219	2220	rBV5	14737	22731	1.06%	0.115%
58	16.400	2220	2223	2224	rVV3	9824	9830	0.46%	0.050%
59	16.452	2228	2232	2234	rVV	5028	7170	0.33%	0.036%
60	16.546	2243	2248	2252	rVV6	16118	25290	1.18%	0.128%
61	16.593	2252	2256	2260	rVV7	8693	14463	0.67%	0.073%
62	16.635	2260	2263	2265	rVB3	11014	11986	0.56%	0.061%
63	16.670	2265	2269	2271	rBV5	4344	5605	0.26%	0.028%
64	16.817	2289	2294	2295	rBV3	15000	25213	1.18%	0.128%
65	16.899	2307	2308	2310	rBV2	5386	4818	0.22%	0.024%
66	16.946	2313	2316	2319	rVB4	9912	12390	0.58%	0.063%
67	16.987	2321	2323	2327	rBV5	12256	16028	0.75%	0.081%
68	17.093	2333	2341	2346	rBV	139184	229752	10.72%	1.167%
69	17.445	2394	2401	2408	rVB	637860	981761	45.81%	4.985%
70	17.545	2408	2418	2425	rBV	1158659	1736539	81.02%	8.818%
71	17.651	2432	2436	2439	rVB6	12604	18455	0.86%	0.094%

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72	17.780	2452	2458	2460	rBV6	8633	11861	0.55%	0.060%
73	17.845	2468	2469	2472	rBV3	8560	7749	0.36%	0.039%
74	17.933	2483	2484	2487	rVB3	7808	5316	0.25%	0.027%
75	17.986	2491	2493	2497	rVB4	8226	7075	0.33%	0.036%
76	18.233	2532	2535	2540	rBV7	9486	14347	0.67%	0.073%
77	18.280	2540	2543	2546	rBV5	4882	6905	0.32%	0.035%
78	18.321	2546	2550	2554	rBV2	147023	197796	9.23%	1.004%
79	18.662	2604	2608	2609	rBV4	14582	14399	0.67%	0.073%
80	18.938	2653	2655	2657	rBV3	6013	7060	0.33%	0.036%
81	18.955	2657	2658	2663	rVB5	9593	7607	0.35%	0.039%
82	18.997	2663	2665	2667	rBV2	6054	5584	0.26%	0.028%
83	19.402	2731	2734	2737	rVB5	6992	7873	0.37%	0.040%
84	19.437	2737	2740	2741	rBV3	7549	7720	0.36%	0.039%
85	19.455	2741	2743	2750	rVB2	20287	30103	1.40%	0.153%
86	19.590	2763	2766	2771	rVB4	50307	57668	2.69%	0.293%
87	19.707	2784	2786	2789	rBV2	17211	20096	0.94%	0.102%
88	19.825	2800	2806	2814	rBV	1516536	2143348	100.00%	10.884%
89	20.266	2879	2881	2882	rBV2	8775	5712	0.27%	0.029%
90	21.347	3060	3065	3076	rBV	179060	292120	13.63%	1.483%
91	21.711	3121	3127	3133	rBV	602634	997407	46.54%	5.065%
92	22.087	3190	3191	3192	rBV	15571	7221	0.34%	0.037%
93	24.032	3516	3522	3526	rBV4	22592	49864	2.33%	0.253%
94	24.737	3631	3642	3651	rVB2	661489	1873386	87.40%	9.513%
95	24.954	3669	3679	3691	rVB2	364845	1026103	47.87%	5.210%
96	26.241	3894	3898	3900	rBV5	16002	24924	1.16%	0.127%
97	28.339	4253	4255	4256	rBV2	8604	5410	0.25%	0.027%
98	29.038	4372	4374	4377	rBV4	8560	9511	0.44%	0.048%
99	29.784	4499	4501	4502	rBV2	9817	7410	0.35%	0.038%
100	30.101	4553	4555	4560	rBV6	9887	12168	0.57%	0.062%

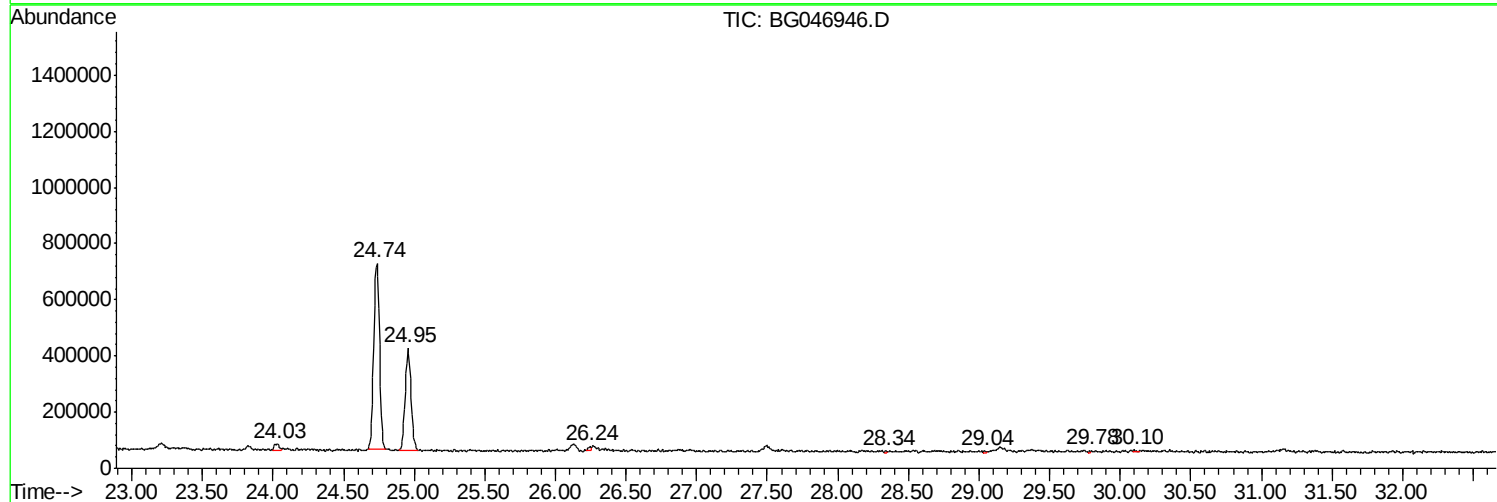
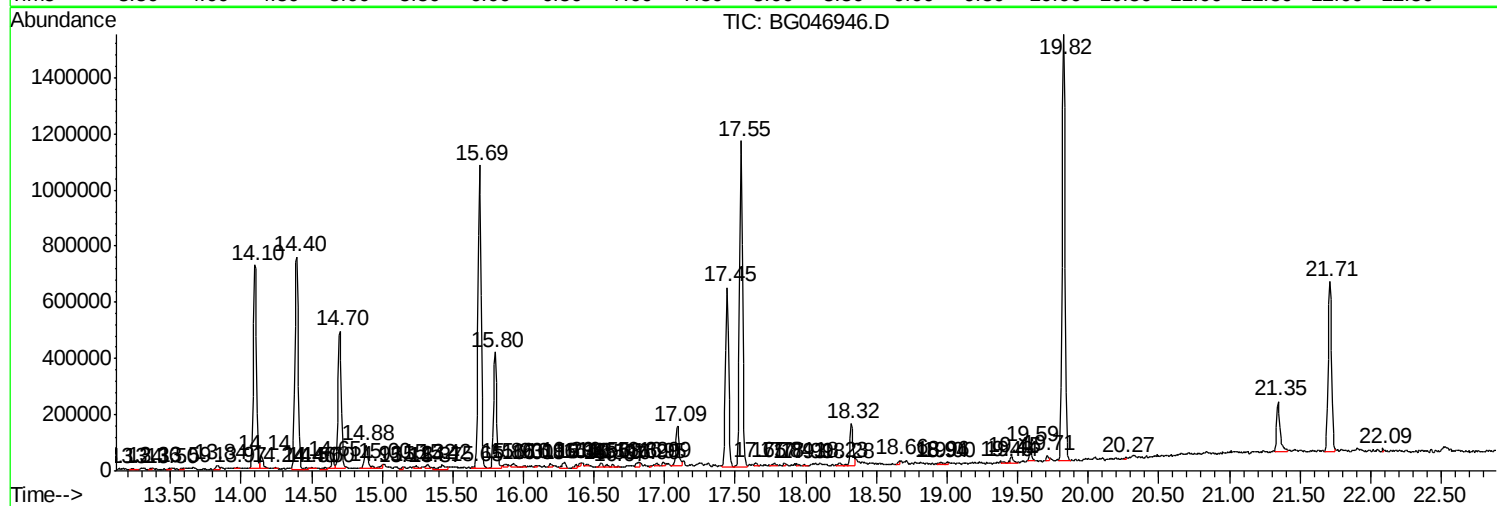
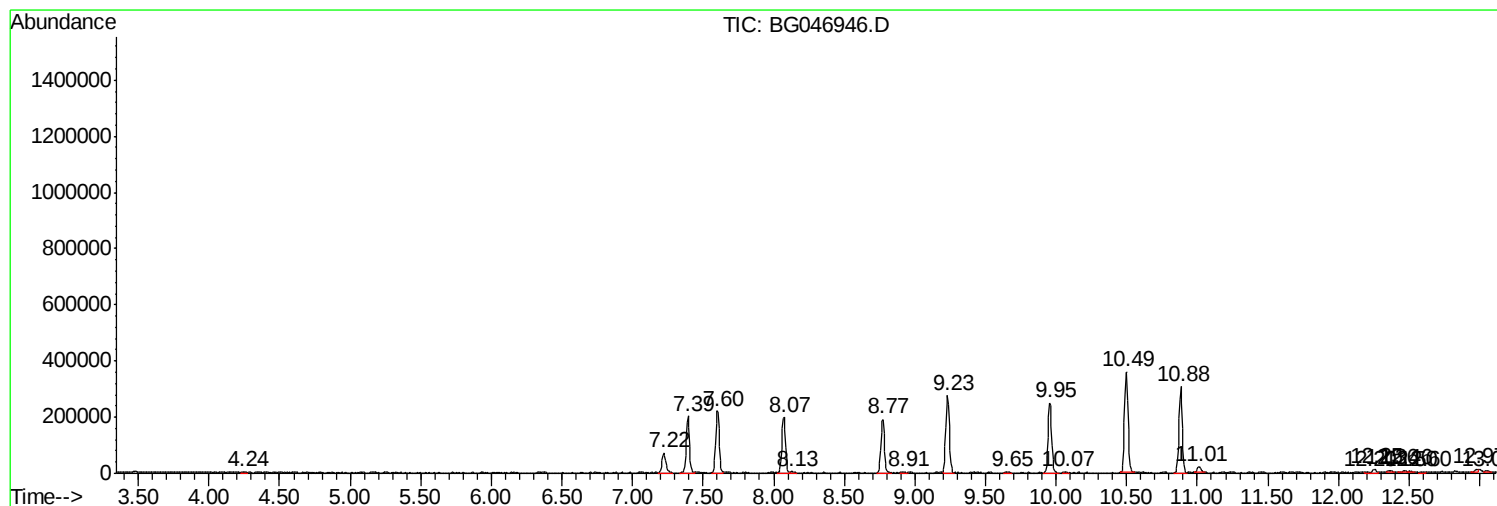
Sum of corrected areas: 19693347

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Quant Title : SVOA CALIBRATION

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



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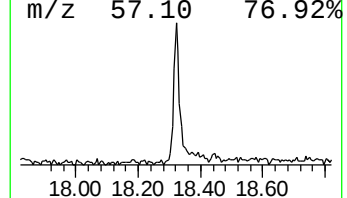
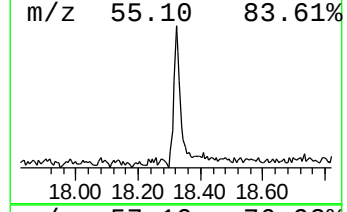
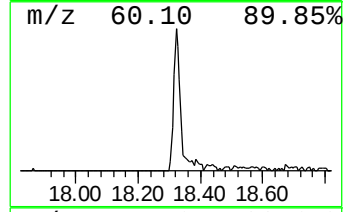
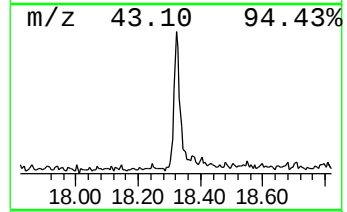
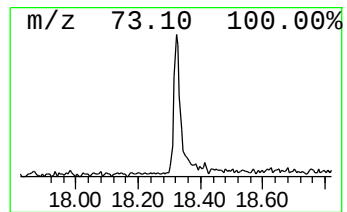
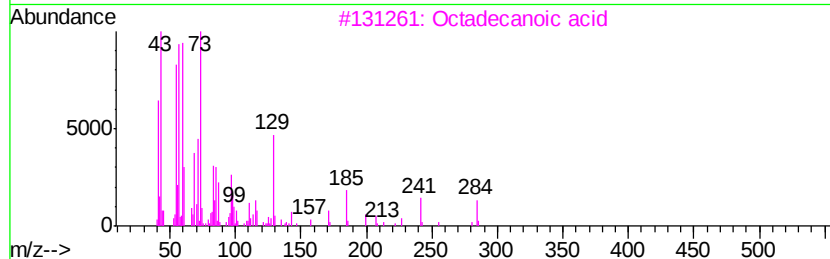
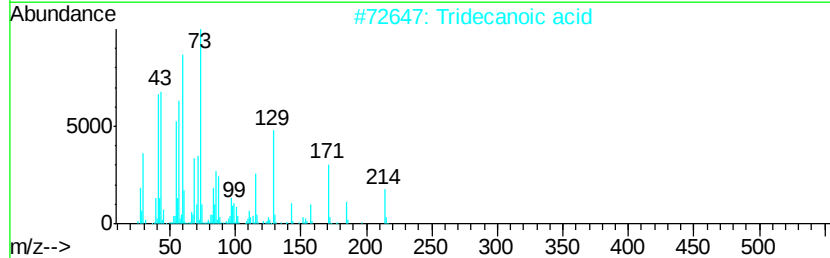
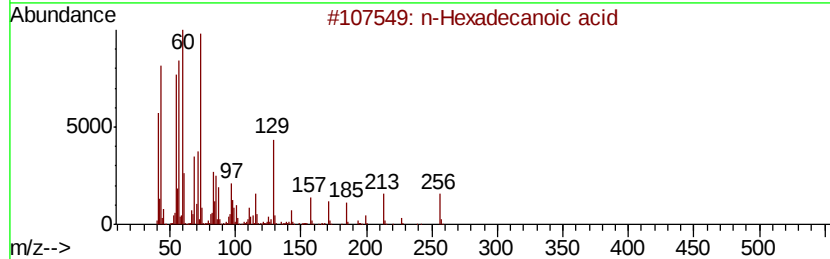
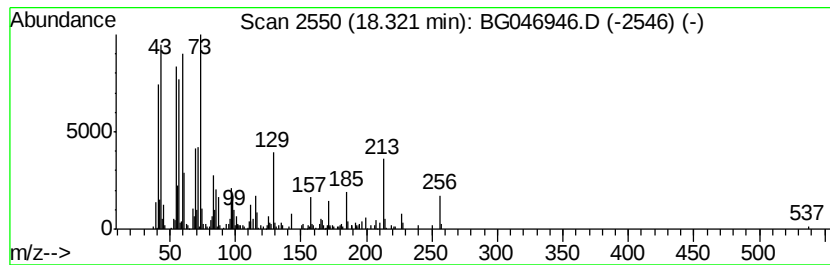
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.03 ng/ul	197796	Phenanthrene-d10	17.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tridecanoic acid	214	C13H26O2	000638-53-9	92
3		Octadecanoic acid	284	C18H36O2	000057-11-4	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83



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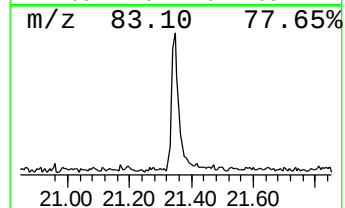
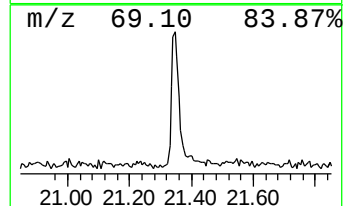
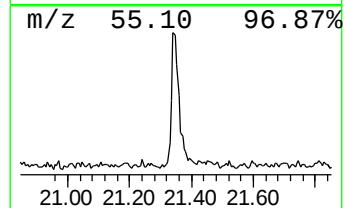
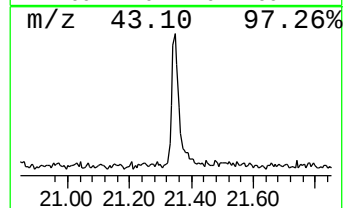
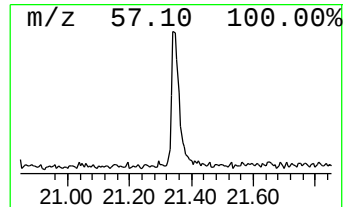
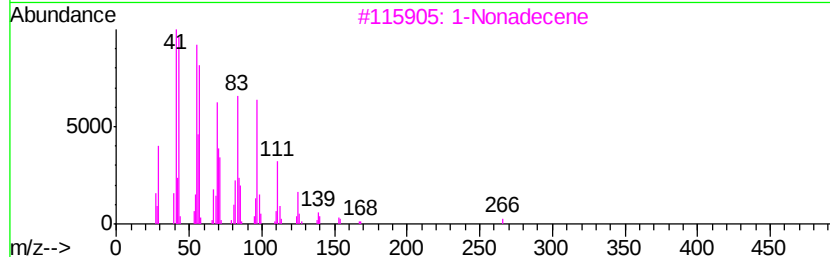
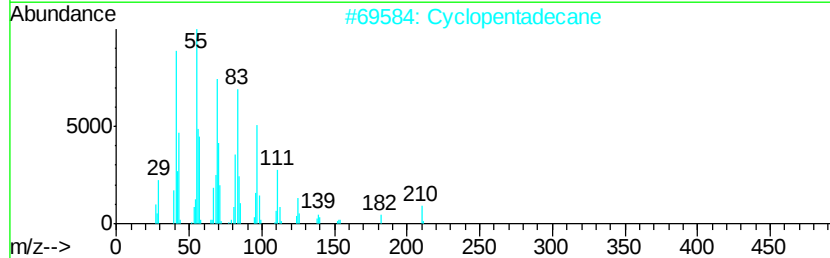
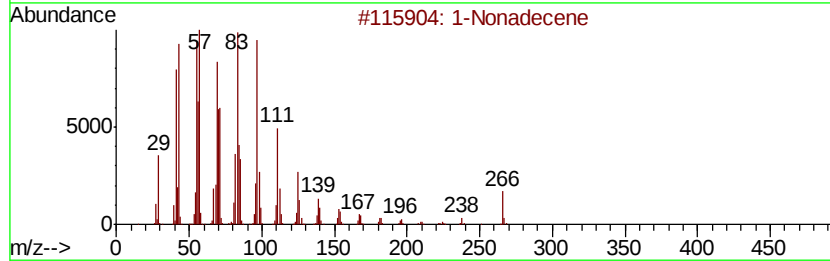
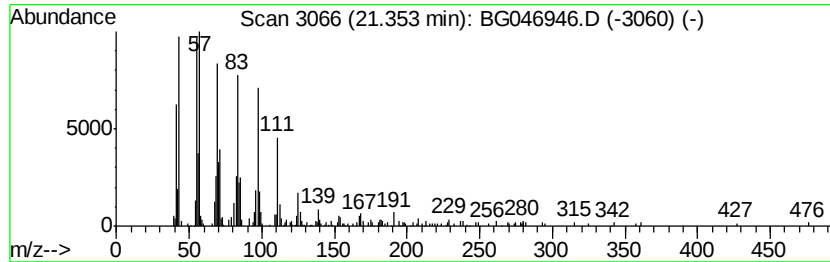
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	5.86 ng/ul	292120	Chrysene-d12	21.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	98
2			Cyclopentadecane	210	C15H30	000295-48-7	97
3			1-Nonadecene	266	C19H38	018435-45-5	95
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.32	4.0	ng/ul	197796	4	17.45	981761	20.0
(DEL) Alkane: Str...	21.35	5.9	ng/ul	292120	5	21.71	997407	20.0