

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
 Data File : BG046929.D
 Acq On : 16 Oct 2020 14:03
 Operator : CG/JU
 Sample : L4201-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AL4

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	3.491	24	26	32	rVB3	8453	8337	1.03%	0.087%
2	3.708	60	63	64	rBV3	2409	2226	0.28%	0.023%
3	3.832	82	84	89	rVB3	2753	3206	0.40%	0.033%
4	3.926	95	100	104	rVB2	16288	24686	3.06%	0.257%
5	4.020	111	116	124	rBV	93998	139516	17.31%	1.452%
6	4.090	125	128	134	rVB3	11629	17393	2.16%	0.181%
7	4.149	135	138	142	rBV4	3405	4438	0.55%	0.046%
8	4.249	150	155	163	rVB	55805	89413	11.09%	0.930%
9	4.596	210	214	215	rBV2	3343	3533	0.44%	0.037%
10	4.772	241	244	245	rBV3	2991	3541	0.44%	0.037%
11	4.801	245	249	255	rVB3	15785	24969	3.10%	0.260%
12	4.954	272	275	278	rBV3	3611	4051	0.50%	0.042%
13	5.054	286	292	295	rBV6	3876	7117	0.88%	0.074%
14	5.166	308	311	315	rVB2	3705	4331	0.54%	0.045%
15	5.254	321	326	334	rBV2	17011	29124	3.61%	0.303%
16	5.712	401	404	405	rBV2	2690	2379	0.30%	0.025%
17	6.940	608	613	614	rBV2	2462	4046	0.50%	0.042%
18	7.005	621	624	628	rVB3	1516	2329	0.29%	0.024%
19	7.058	631	633	637	rVB4	2320	2573	0.32%	0.027%
20	7.140	646	647	650	rBV3	2980	2413	0.30%	0.025%
21	7.234	655	663	673	rVV	106991	211619	26.26%	2.202%
22	7.398	685	691	699	rBV	88858	150355	18.66%	1.564%
23	7.610	720	727	733	rBV2	112877	196272	24.35%	2.042%
24	7.663	733	736	739	rVV2	7342	9943	1.23%	0.103%
25	8.080	801	807	816	rBV	206870	358587	44.50%	3.731%
26	8.139	816	817	822	rVB4	4350	4930	0.61%	0.051%
27	8.209	827	829	835	rVB2	3062	4259	0.53%	0.044%
28	8.350	852	853	858	rBV2	2536	3331	0.41%	0.035%
29	8.632	898	901	903	rBV2	2192	2341	0.29%	0.024%
30	8.714	911	915	917	rBV2	1950	2551	0.32%	0.027%
31	8.779	920	926	934	rVV	105539	179735	22.30%	1.870%
32	8.902	942	947	952	rVB2	20177	31585	3.92%	0.329%
33	9.020	964	967	969	rBV2	2865	3440	0.43%	0.036%
34	9.184	990	995	998	rBV2	2667	4030	0.50%	0.042%

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35	9.243	998	1005	1012	rVV	117185	210223	26.09%	2.187%
36	9.390	1026	1030	1033	rBV4	3172	5013	0.62%	0.052%
37	9.660	1072	1076	1083	rVB	3146	5004	0.62%	0.052%
38	9.966	1122	1128	1141	rVB	103693	188622	23.41%	1.963%
39	10.113	1148	1153	1159	rBV4	4601	11201	1.39%	0.117%
40	10.295	1182	1184	1187	rBV2	2116	3395	0.42%	0.035%
41	10.318	1187	1188	1194	rVB	3685	3648	0.45%	0.038%
42	10.506	1213	1220	1229	rBV2	139042	258899	32.13%	2.694%
43	10.894	1277	1286	1292	rBV	284464	512224	63.56%	5.329%
44	10.941	1292	1294	1300	rVB2	19892	24716	3.07%	0.257%
45	11.023	1302	1308	1318	rBV2	30834	66362	8.23%	0.690%
46	11.288	1350	1353	1357	rBV	2436	3887	0.48%	0.040%
47	11.352	1360	1364	1370	rBV2	1876	4622	0.57%	0.048%
48	11.411	1370	1374	1381	rVV2	5247	9931	1.23%	0.103%
49	11.676	1413	1419	1422	rVB5	2386	5107	0.63%	0.053%
50	11.899	1456	1457	1460	rBV3	3303	2562	0.32%	0.027%
51	12.134	1496	1497	1502	rBV2	2091	2409	0.30%	0.025%
52	12.204	1506	1509	1512	rBV2	2583	2803	0.35%	0.029%
53	12.246	1512	1516	1522	rBV2	2388	4719	0.59%	0.049%
54	12.304	1522	1526	1529	rVB3	2300	3202	0.40%	0.033%
55	12.463	1549	1553	1560	rBV5	4210	7438	0.92%	0.077%
56	12.539	1560	1566	1571	rBV	7434	12838	1.59%	0.134%
57	12.757	1598	1603	1609	rBV5	5475	8646	1.07%	0.090%
58	12.921	1629	1631	1635	rVB	2104	2308	0.29%	0.024%
59	13.068	1653	1656	1657	rBV2	2788	3060	0.38%	0.032%
60	13.139	1664	1668	1669	rBV	2153	2371	0.29%	0.025%
61	13.192	1674	1677	1682	rVB2	2426	2346	0.29%	0.024%
62	13.309	1695	1697	1698	rBV	4661	2411	0.30%	0.025%
63	13.403	1710	1713	1715	rBV	2629	3029	0.38%	0.032%
64	13.438	1715	1719	1720	rBV2	1935	2214	0.27%	0.023%
65	13.509	1729	1731	1732	rBV	3217	2608	0.32%	0.027%
66	13.532	1733	1735	1737	rVV	4412	3321	0.41%	0.035%
67	13.597	1742	1746	1749	rVB3	4991	7459	0.93%	0.078%
68	13.773	1775	1776	1779	rBV	2478	2230	0.28%	0.023%
69	13.873	1788	1793	1794	rBV2	4195	5021	0.62%	0.052%
70	14.032	1815	1820	1824	rVB4	8344	13223	1.64%	0.138%
71	14.108	1826	1833	1837	rVV	317653	469348	58.24%	4.883%

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72	14.155	1837	1841	1847	rVB	134462	191359	23.74%	1.991%
73	14.337	1870	1872	1877	rBV4	4722	6948	0.86%	0.072%
74	14.402	1877	1883	1897	rVB	305266	484648	60.14%	5.043%
75	14.496	1897	1899	1900	rBV	2573	2440	0.30%	0.025%
76	14.596	1911	1916	1919	rBV4	7583	11216	1.39%	0.117%
77	14.707	1927	1935	1942	rBV	481192	752964	93.43%	7.834%
78	14.772	1942	1946	1953	rVB3	21310	34487	4.28%	0.359%
79	14.890	1960	1966	1976	rBV2	106166	186646	23.16%	1.942%
80	15.042	1988	1992	1997	rVV5	12450	16135	2.00%	0.168%
81	15.101	1999	2002	2008	rVB2	22822	33785	4.19%	0.352%
82	15.172	2012	2014	2015	rBV2	4854	3026	0.38%	0.031%
83	15.219	2020	2022	2023	rBV2	4729	2214	0.27%	0.023%
84	15.271	2030	2031	2032	rBV	4549	2567	0.32%	0.027%
85	15.330	2035	2041	2042	rBV4	5421	8463	1.05%	0.088%
86	15.377	2047	2049	2052	rVB4	7457	5273	0.65%	0.055%
87	15.636	2092	2093	2095	rBV2	4405	2884	0.36%	0.030%
88	15.694	2097	2103	2109	rVV	396703	630372	78.22%	6.559%
89	15.747	2109	2112	2117	rVV2	31752	47081	5.84%	0.490%
90	15.806	2117	2122	2131	rVV2	78248	130574	16.20%	1.359%
91	15.918	2137	2141	2147	rBV6	26297	44999	5.58%	0.468%
92	16.276	2198	2202	2208	rVB2	34223	68428	8.49%	0.712%
93	16.476	2234	2236	2240	rBV4	9328	9480	1.18%	0.099%
94	17.099	2340	2342	2348	rVB4	22243	31166	3.87%	0.324%
95	17.451	2397	2402	2406	rBV	523964	805900	100.00%	8.385%
96	17.492	2406	2409	2414	rVB	277554	370439	45.97%	3.854%
97	17.551	2414	2419	2423	rBV	391644	581346	72.14%	6.049%
98	18.333	2548	2552	2556	rBV3	181452	259321	32.18%	2.698%
99	19.502	2747	2751	2757	rVB	503784	675793	83.86%	7.031%
100	19.831	2803	2807	2810	rBV2	520253	790172	98.05%	8.221%

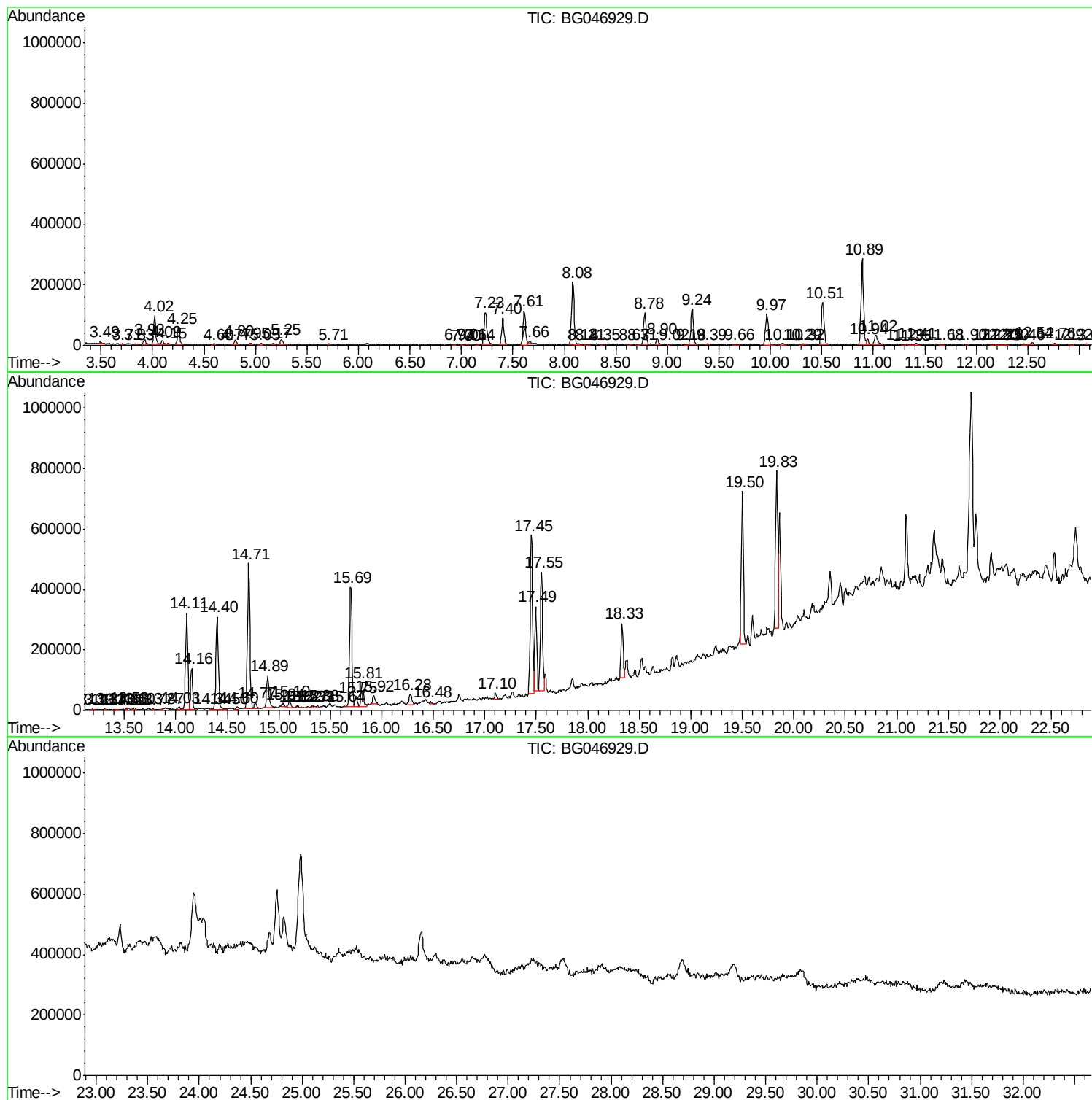
Sum of corrected areas: 9611145

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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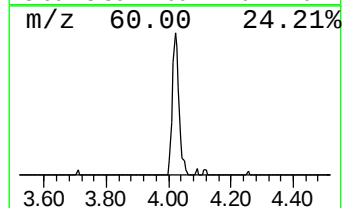
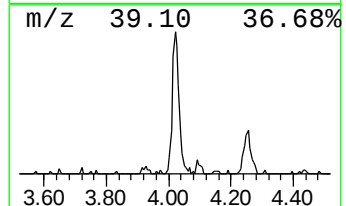
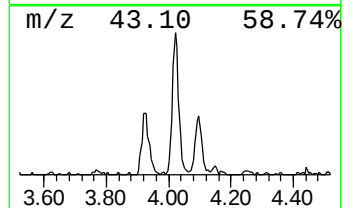
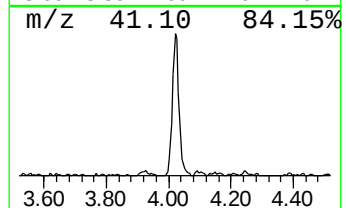
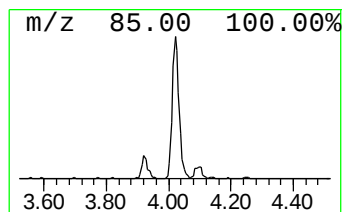
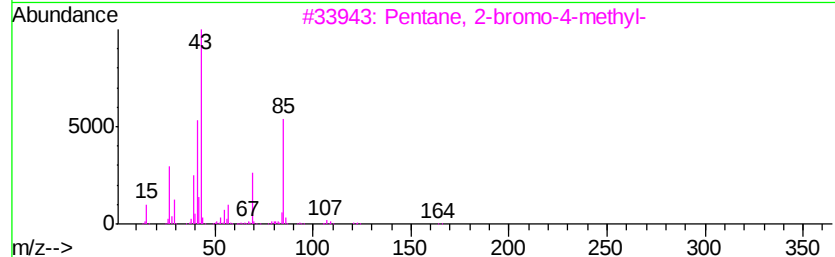
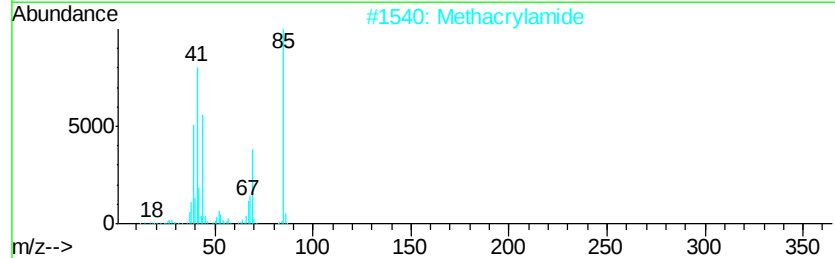
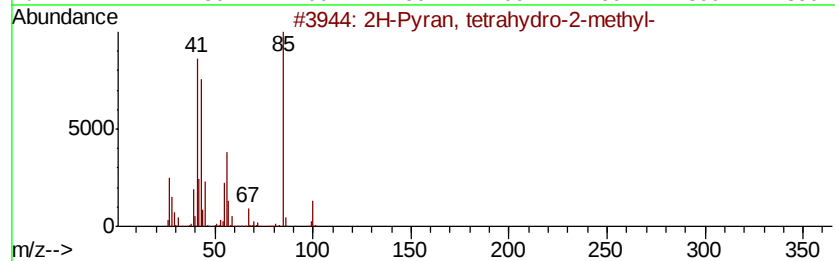
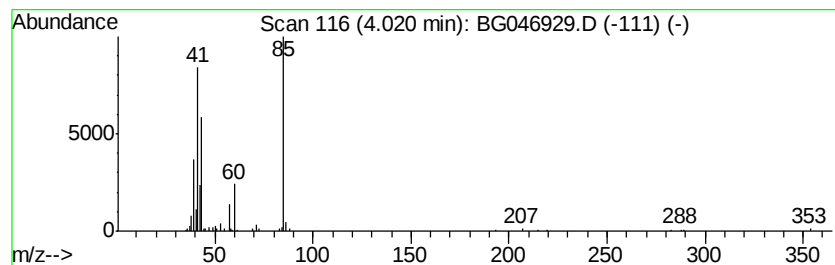
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	7.78 ng/ul	139516	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	50
2		Methacrylamide	85	C4H7NO	000079-39-0	42
3		Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	39
4		2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39
5		Methacrylamide	85	C4H7NO	000079-39-0	38



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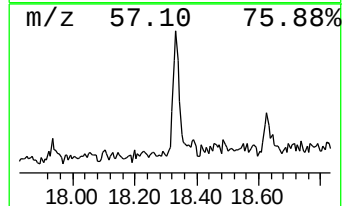
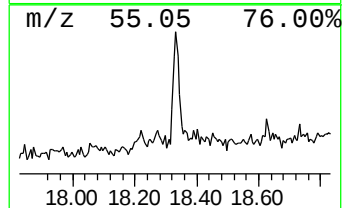
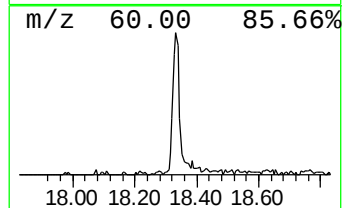
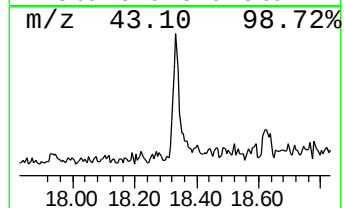
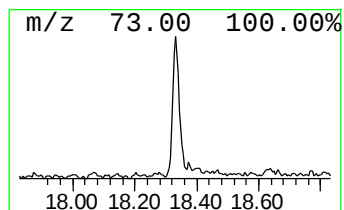
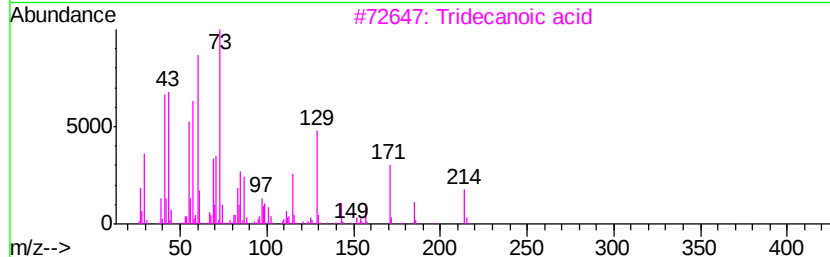
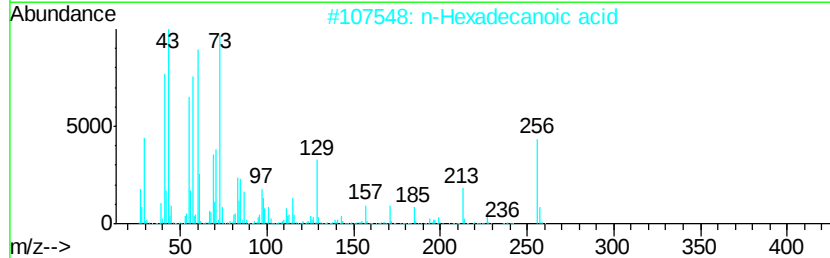
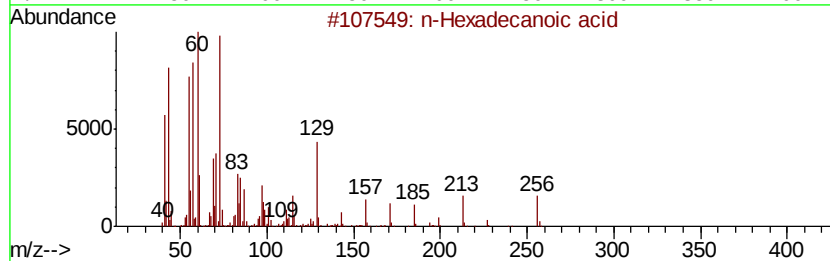
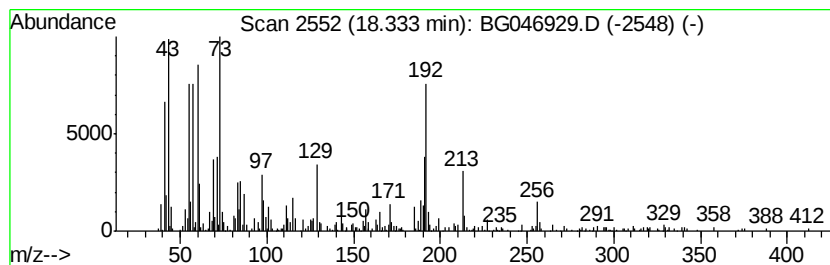
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	6.44 ng/ul	259321	Phenanthrene-d10	17.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Octadecanoic acid	284	C18H36O2	000057-11-4	55



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2H-Pyran, tetrahy...	4.02	7.8	ng/ul	139516	1	8.08	358587	20.0
n-Hexadecanoic acid	18.33	6.4	ng/ul	259321	4	17.45	805900	20.0