

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028481.D
 Acq On : 25 Aug 2017 5:21
 Operator : SJ/JU
 Sample : I4840-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AN0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.823	36	40	45	rBV5	5827	8860	0.81%	0.093%
2	4.146	93	95	102	rVB4	3402	5503	0.51%	0.058%
3	4.234	102	110	116	rBV7	7892	18650	1.71%	0.196%
4	4.328	121	126	133	rBV3	24358	36523	3.36%	0.383%
5	4.393	134	137	142	rVB3	5160	8815	0.81%	0.092%
6	4.445	142	146	154	rBV4	3303	8226	0.76%	0.086%
7	4.545	161	163	169	rVB3	4631	7264	0.67%	0.076%
8	4.904	221	224	229	rVB5	3820	5642	0.52%	0.059%
9	5.092	252	256	259	rVB4	3629	3893	0.36%	0.041%
10	5.168	265	269	277	rVB3	8029	12387	1.14%	0.130%
11	5.432	310	314	320	rVB3	5179	8117	0.75%	0.085%
12	5.532	326	331	339	rBV7	5311	12477	1.15%	0.131%
13	5.779	369	373	378	rVB5	3703	6274	0.58%	0.066%
14	5.979	400	407	408	rBV5	4942	7133	0.66%	0.075%
15	6.196	442	444	450	rBV4	1627	3040	0.28%	0.032%
16	6.561	500	506	512	rBV6	1496	3481	0.32%	0.037%
17	7.307	629	633	638	rBV4	2368	4281	0.39%	0.045%
18	7.412	648	651	655	rVB5	4893	6458	0.59%	0.068%
19	7.489	658	664	678	rBV2	74734	169655	15.60%	1.780%
20	7.653	683	692	700	rBV	60125	109700	10.08%	1.151%
21	7.871	722	729	743	rVB2	77386	145364	13.36%	1.525%
22	7.977	743	747	754	rBV3	5556	10198	0.94%	0.107%
23	8.341	801	809	820	rVB	156939	287955	26.47%	3.021%
24	8.870	894	899	903	rBV5	1973	3365	0.31%	0.035%
25	8.934	907	910	912	rBV3	2359	3062	0.28%	0.032%
26	8.970	912	916	920	rBV4	3207	3604	0.33%	0.038%
27	9.040	920	928	936	rBV2	44265	87093	8.01%	0.914%
28	9.163	944	949	958	rVB3	4189	8737	0.80%	0.092%
29	9.357	978	982	986	rVB3	1908	2959	0.27%	0.031%
30	9.404	986	990	992	rBV	2664	2992	0.28%	0.031%
31	9.504	999	1007	1020	rBV	86586	163591	15.04%	1.716%
32	9.604	1020	1024	1030	rBV4	4571	6392	0.59%	0.067%
33	9.863	1063	1068	1074	rBV6	2269	5313	0.49%	0.056%
34	10.115	1104	1111	1116	rBV5	1775	4434	0.41%	0.047%

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35	10.227	1124	1130	1141	rVB	68519	136183	12.52%	1.429%
36	10.462	1165	1170	1172	rVV4	2371	4133	0.38%	0.043%
37	10.480	1172	1173	1180	rVV3	2543	4279	0.39%	0.045%
38	10.544	1180	1184	1187	rVV2	2535	3503	0.32%	0.037%
39	10.656	1196	1203	1213	rVB4	1758	5177	0.48%	0.054%
40	10.779	1213	1224	1235	rBV2	99782	199909	18.38%	2.098%
41	10.856	1235	1237	1241	rVB2	2920	2935	0.27%	0.031%
42	11.096	1271	1278	1281	rVB5	2045	3522	0.32%	0.037%
43	11.155	1281	1288	1302	rVB	230540	444451	40.86%	4.663%
44	11.290	1302	1311	1322	rBV3	40257	88681	8.15%	0.930%
45	12.125	1447	1453	1458	rBV4	2722	5743	0.53%	0.060%
46	12.313	1483	1485	1488	rVB2	3063	3309	0.30%	0.035%
47	12.354	1488	1492	1494	rBV2	2845	3713	0.34%	0.039%
48	12.512	1516	1519	1522	rVB3	2517	3045	0.28%	0.032%
49	12.606	1529	1535	1541	rBV5	3891	8975	0.83%	0.094%
50	12.724	1551	1555	1558	rBV5	2180	3507	0.32%	0.037%
51	12.794	1563	1567	1573	rVB3	3743	7839	0.72%	0.082%
52	12.847	1573	1576	1581	rBV4	1828	3007	0.28%	0.032%
53	13.300	1644	1653	1658	rVB8	3559	7054	0.65%	0.074%
54	13.535	1687	1693	1699	rVV5	2509	6163	0.57%	0.065%
55	13.635	1707	1710	1719	rVB3	1535	3639	0.33%	0.038%
56	13.740	1723	1728	1731	rBV5	3231	5813	0.53%	0.061%
57	14.269	1812	1818	1822	rVB4	4255	8778	0.81%	0.092%
58	14.334	1822	1829	1834	rBV	211857	327896	30.14%	3.440%
59	14.381	1834	1837	1846	rVB	99288	143208	13.16%	1.503%
60	14.557	1864	1867	1870	rBV5	2545	3945	0.36%	0.041%
61	14.645	1875	1882	1895	rVB	230485	367880	33.82%	3.860%
62	14.804	1904	1909	1914	rVB5	7758	12582	1.16%	0.132%
63	14.951	1919	1934	1942	rBV2	385130	647430	59.52%	6.793%
64	15.015	1942	1945	1950	rVB5	3763	6848	0.63%	0.072%
65	15.156	1958	1969	1984	rBV2	52618	124422	11.44%	1.305%
66	15.297	1990	1993	1996	rVV4	3102	3220	0.30%	0.034%
67	15.350	1996	2002	2008	rVB6	13285	27440	2.52%	0.288%
68	15.409	2008	2012	2020	rBV7	5356	8482	0.78%	0.089%
69	15.556	2034	2037	2041	rBV2	3918	4867	0.45%	0.051%
70	15.644	2050	2052	2058	rBV6	1525	3080	0.28%	0.032%
71	15.744	2059	2069	2074	rVB5	15412	29555	2.72%	0.310%

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72	15.809	2077	2080	2084	rBV2	2053	3058	0.28%	0.032%
73	15.938	2095	2102	2110	rBV2	303098	477470	43.89%	5.010%
74	16.055	2115	2122	2132	rBV3	59096	109286	10.05%	1.147%
75	16.126	2132	2134	2136	rVV3	5078	5648	0.52%	0.059%
76	16.149	2136	2138	2148	rVB7	10048	20878	1.92%	0.219%
77	16.378	2172	2177	2179	rBV6	3117	4696	0.43%	0.049%
78	16.449	2182	2189	2192	rBV7	5714	13596	1.25%	0.143%
79	16.608	2212	2216	2218	rBV4	19692	26572	2.44%	0.279%
80	16.802	2245	2249	2251	rBV5	3933	4484	0.41%	0.047%
81	17.013	2278	2285	2289	rVB10	9209	19970	1.84%	0.210%
82	17.054	2289	2292	2295	rBV5	5974	9605	0.88%	0.101%
83	17.119	2300	2303	2306	rBV4	4619	7302	0.67%	0.077%
84	17.213	2315	2319	2324	rBV8	10827	18178	1.67%	0.191%
85	17.342	2337	2341	2347	rBV9	5784	11094	1.02%	0.116%
86	17.407	2347	2352	2355	rVV3	13266	17532	1.61%	0.184%
87	17.454	2356	2360	2367	rVB5	14776	23703	2.18%	0.249%
88	17.700	2394	2402	2407	rBV	457154	767293	70.53%	8.051%
89	17.736	2407	2408	2413	rVV2	54505	68432	6.29%	0.718%
90	17.794	2413	2418	2429	rVB	303999	508926	46.78%	5.340%
91	18.147	2475	2478	2485	rVB9	7827	12763	1.17%	0.134%
92	18.541	2540	2545	2554	rBV5	48666	106303	9.77%	1.115%
93	18.617	2555	2558	2564	rVB7	22064	35935	3.30%	0.377%
94	18.770	2580	2584	2587	rBV6	10934	13336	1.23%	0.140%
95	19.058	2630	2633	2638	rBV6	11340	17012	1.56%	0.178%
96	19.739	2744	2749	2754	rVB	154068	217138	19.96%	2.278%
97	20.074	2799	2806	2817	rBV2	424474	831263	76.42%	8.722%
98	22.031	3130	3139	3145	rBV	528169	1087826	100.00%	11.414%
99	25.297	3687	3695	3703	rBV2	161396	459905	42.28%	4.825%
100	25.538	3728	3736	3747	rVB2	261495	775959	71.33%	8.142%

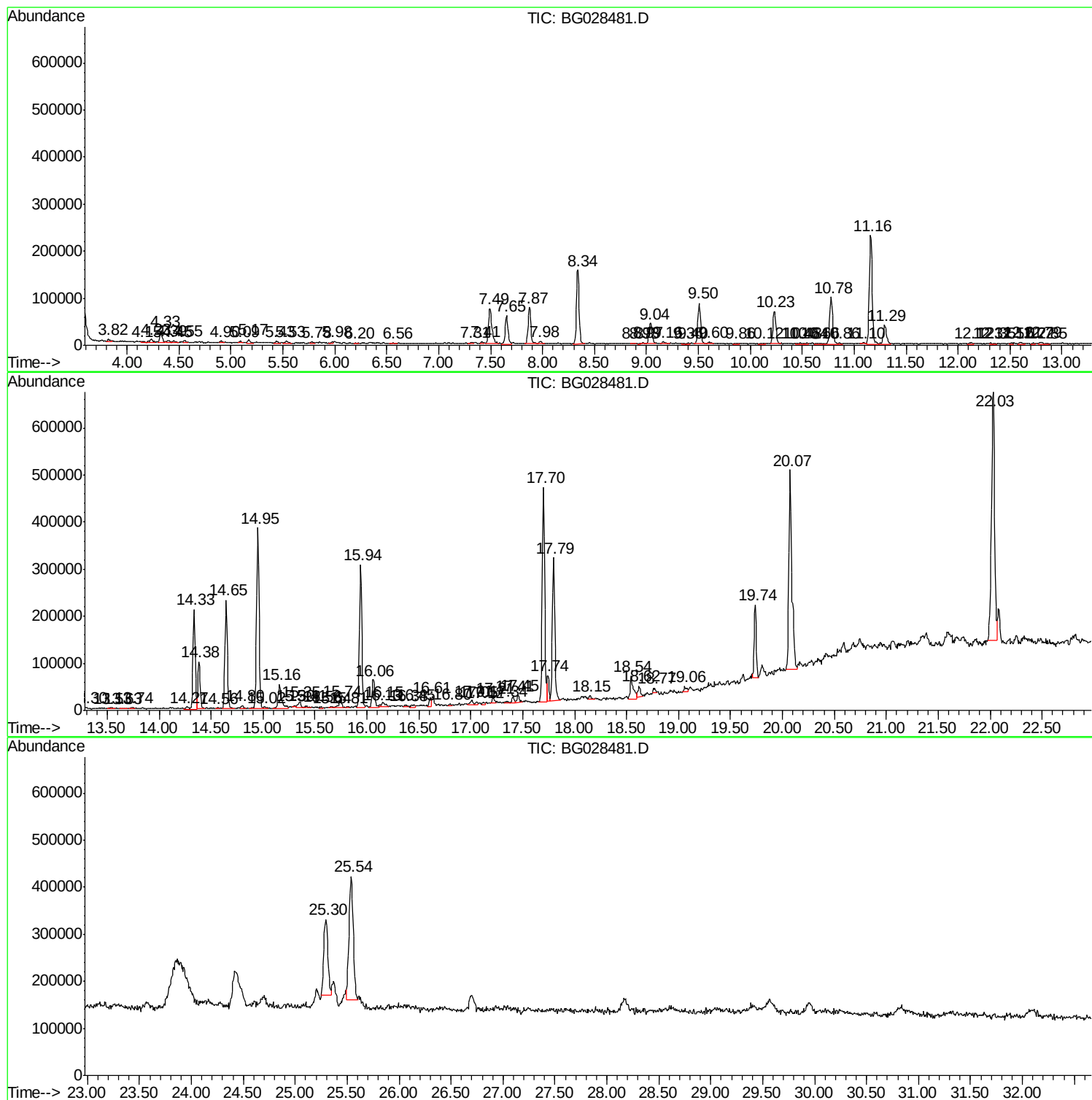
Sum of corrected areas: 9530814

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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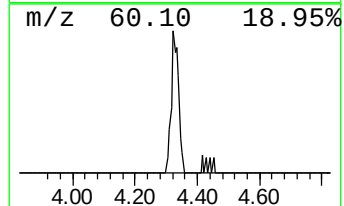
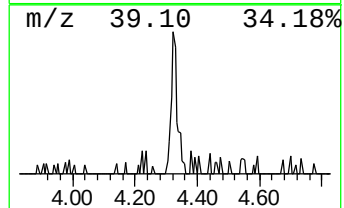
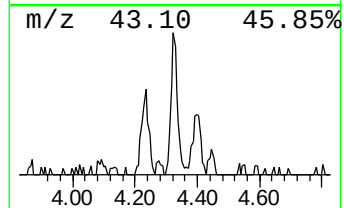
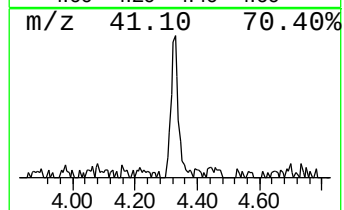
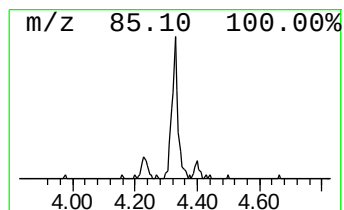
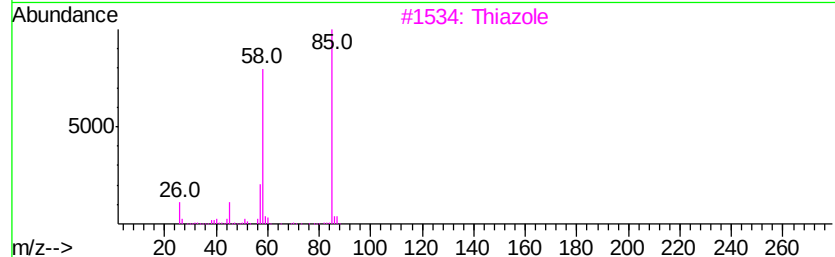
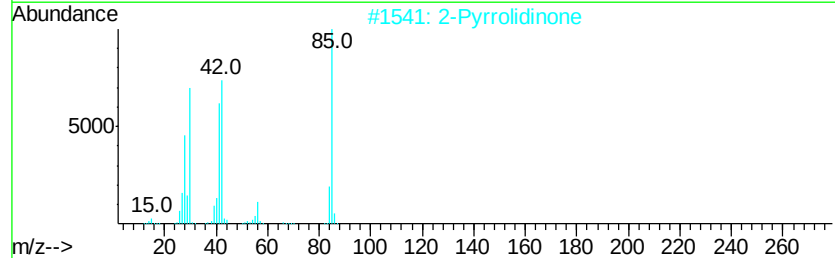
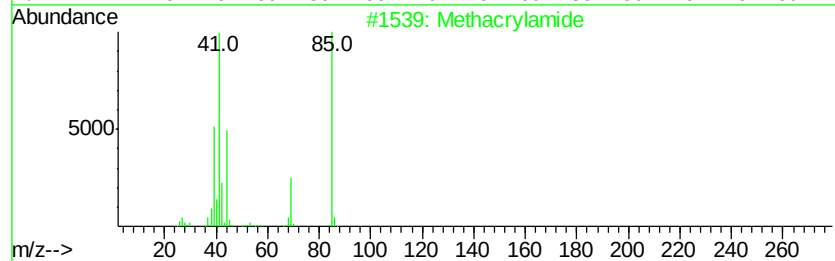
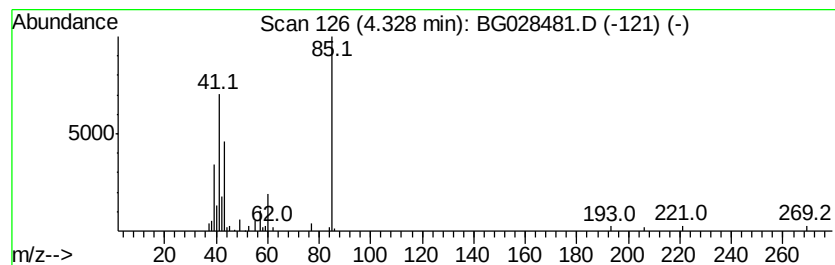
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	2.54 ng/ul	36523	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methacrylamide	85	C4H7NO	000079-39-0	12
2		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3		Thiazole	85	C3H3NS	000288-47-1	9
4		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9



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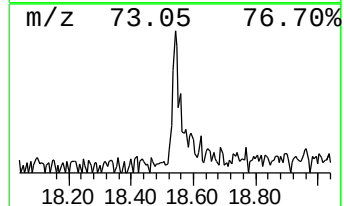
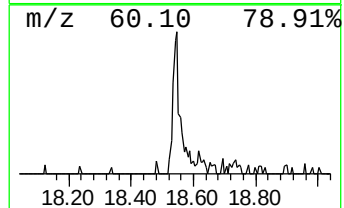
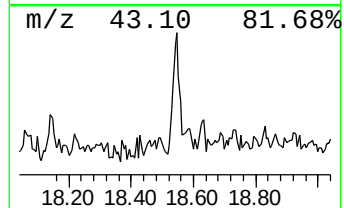
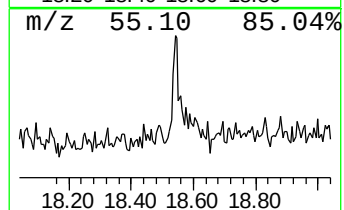
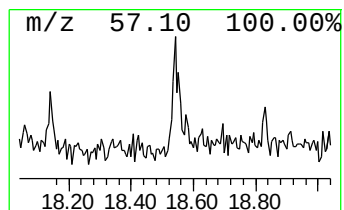
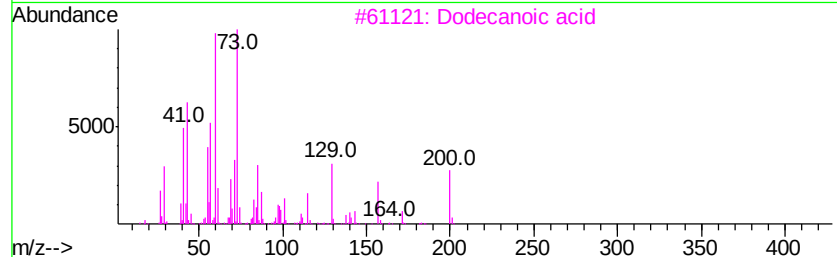
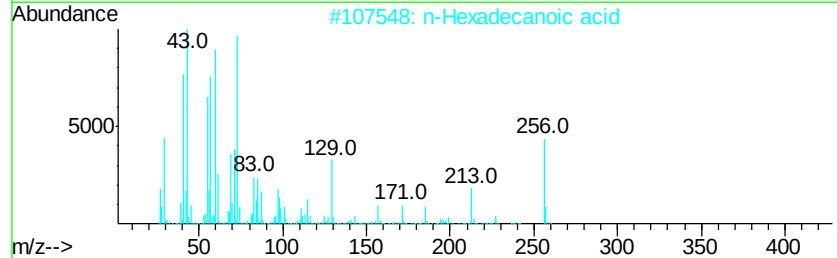
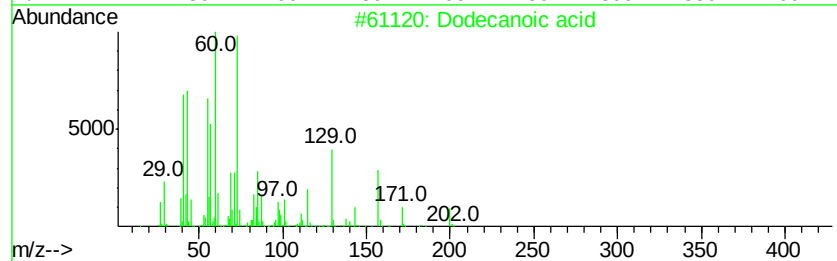
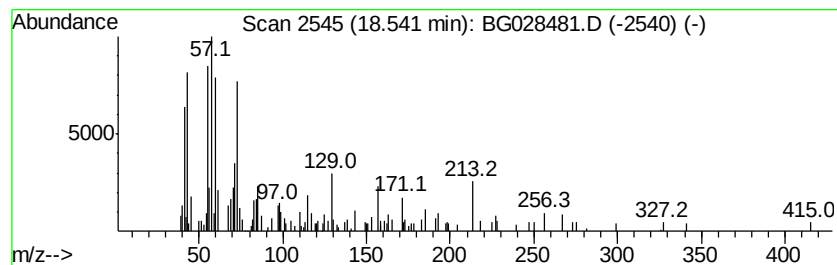
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.77 ng/ul	106303	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	64	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64	
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64	
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	4.33	2.5	ng/ul	36523	1	8.34	287955	20.0
Dodecanoic acid	18.54	2.8	ng/ul	106303	4	17.70	767293	20.0