

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
 Data File : BM003035.D
 Acq On : 01 Nov 2015 19:37
 Operator : UM/IZ
 Sample : G4210-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC769

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.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	3.228	21	24	32	rVB	19494	24968	1.04%	0.088%
2	3.652	93	96	105	rVB	13577	18125	0.76%	0.064%
3	3.752	108	113	121	rVV	59880	79433	3.32%	0.279%
4	3.822	121	125	130	rVV	9889	12815	0.54%	0.045%
5	4.187	183	187	192	rVB	12729	15765	0.66%	0.055%
6	4.599	252	257	261	rBV2	11078	14533	0.61%	0.051%
7	4.887	300	306	317	rVB2	32151	51839	2.17%	0.182%
8	4.969	317	320	327	rVB2	7291	11419	0.48%	0.040%
9	6.922	644	652	661	rBV	295327	464809	19.44%	1.633%
10	7.099	676	682	693	rBV	289131	440168	18.41%	1.546%
11	7.293	709	715	723	rVB	339072	528944	22.12%	1.858%
12	7.769	788	796	803	rBV	464817	751006	31.41%	2.638%
13	8.463	908	914	923	rVB	209899	326137	13.64%	1.146%
14	8.922	984	992	999	rBV	287747	459103	19.20%	1.613%
15	9.640	1105	1114	1121	rBV	218340	347096	14.52%	1.219%
16	10.175	1197	1205	1213	rBV	382918	627052	26.22%	2.203%
17	10.557	1263	1270	1277	rBV	649513	1080333	45.18%	3.795%
18	10.687	1286	1292	1302	rBV	233140	393754	16.47%	1.383%
19	13.010	1683	1687	1691	rVB	7239	9897	0.41%	0.035%
20	13.816	1818	1824	1828	rVV	730854	977238	40.87%	3.433%
21	13.863	1828	1832	1838	rVB	264227	349202	14.60%	1.227%
22	14.098	1866	1872	1883	rBV	799277	1179640	49.33%	4.144%
23	14.310	1904	1908	1913	rVB	15746	18926	0.79%	0.066%
24	14.410	1916	1925	1932	rBV2	882085	1345992	56.29%	4.729%
25	14.469	1932	1935	1943	rVB2	13141	19258	0.81%	0.068%
26	14.592	1950	1956	1963	rBV	180275	240259	10.05%	0.844%
27	14.822	1989	1995	2000	rVV2	34301	59371	2.48%	0.209%
28	15.227	2056	2064	2066	rBV4	4843	10432	0.44%	0.037%
29	15.263	2066	2070	2076	rVB	38620	48146	2.01%	0.169%
30	15.404	2087	2094	2100	rVV	1064985	1576392	65.93%	5.538%
31	15.457	2100	2103	2107	rVV3	15252	20294	0.85%	0.071%
32	15.516	2107	2113	2119	rVV	185452	257770	10.78%	0.906%
33	15.645	2129	2135	2137	rVV3	13316	22049	0.92%	0.077%
34	15.669	2137	2139	2143	rVV2	11734	16224	0.68%	0.057%

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35	15.751	2150	2153	2160	rVB3	7770	14104	0.59%	0.050%
36	15.892	2171	2177	2184	rVB3	9225	18224	0.76%	0.064%
37	16.127	2211	2217	2225	rBV	46296	76977	3.22%	0.270%
38	16.298	2242	2246	2250	rBV2	8911	11449	0.48%	0.040%
39	16.698	2308	2314	2317	rBV2	14590	19670	0.82%	0.069%
40	16.804	2328	2332	2338	rVB	16575	23831	1.00%	0.084%
41	16.916	2347	2351	2357	rVV3	22846	37695	1.58%	0.132%
42	16.968	2357	2360	2370	rVB	18818	28043	1.17%	0.099%
43	17.151	2385	2391	2395	rBV	1105473	1540641	64.43%	5.412%
44	17.192	2395	2398	2403	rVV	372791	498907	20.86%	1.753%
45	17.251	2403	2408	2418	rVV	1146411	1641565	68.65%	5.767%
46	17.339	2420	2423	2429	rVB4	6792	11137	0.47%	0.039%
47	17.551	2452	2459	2465	rBV	25562	40529	1.69%	0.142%
48	18.045	2535	2543	2545	rBV2	97867	174451	7.30%	0.613%
49	18.074	2545	2548	2553	rVV	69241	99576	4.16%	0.350%
50	18.121	2554	2556	2559	rVV	9674	10197	0.43%	0.036%
51	18.157	2559	2562	2565	rVB	10520	12909	0.54%	0.045%
52	18.221	2567	2573	2577	rBV2	46268	84638	3.54%	0.297%
53	18.257	2577	2579	2586	rVB	31123	37954	1.59%	0.133%
54	18.357	2588	2596	2597	rBV6	7721	15848	0.66%	0.056%
55	18.527	2621	2625	2629	rVV	34213	46844	1.96%	0.165%
56	18.568	2629	2632	2638	rVB3	26219	35460	1.48%	0.125%
57	18.774	2663	2667	2671	rBV2	9875	12505	0.52%	0.044%
58	18.827	2672	2676	2679	rVB2	11446	13443	0.56%	0.047%
59	18.868	2679	2683	2686	rVB	8967	12002	0.50%	0.042%
60	18.945	2692	2696	2700	rVV	30915	43395	1.81%	0.152%
61	19.010	2701	2707	2710	rVV4	13645	30960	1.29%	0.109%
62	19.039	2710	2712	2716	rVV2	10995	11099	0.46%	0.039%
63	19.086	2716	2720	2728	rVB	25330	39127	1.64%	0.137%
64	19.210	2733	2741	2749	rVB	637583	863925	36.13%	3.035%
65	19.280	2749	2753	2755	rBV	9202	11574	0.48%	0.041%
66	19.327	2755	2761	2765	rBV3	51231	74302	3.11%	0.261%
67	19.439	2777	2780	2781	rVV	11184	13717	0.57%	0.048%
68	19.486	2785	2788	2792	rVB2	24705	27568	1.15%	0.097%
69	19.545	2792	2798	2802	rBV	1438380	2172872	90.87%	7.633%
70	19.574	2802	2803	2811	rVV	533924	499848	20.90%	1.756%
71	19.651	2811	2816	2822	rVB2	26529	42885	1.79%	0.151%

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72	19.757	2830	2834	2840	rVB	30979	40431	1.69%	0.142%
73	19.815	2840	2844	2849	rVB3	13785	20377	0.85%	0.072%
74	19.892	2852	2857	2860	rBV2	58832	92463	3.87%	0.325%
75	19.921	2860	2862	2867	rVB2	49403	62373	2.61%	0.219%
76	20.033	2877	2881	2882	rBV2	25791	28857	1.21%	0.101%
77	20.068	2884	2887	2892	rVB2	41831	58665	2.45%	0.206%
78	20.168	2901	2904	2908	rBV	11091	15068	0.63%	0.053%
79	20.227	2908	2914	2919	rBV2	54397	96965	4.06%	0.341%
80	20.268	2919	2921	2925	rVB3	11769	9608	0.40%	0.034%
81	20.309	2926	2928	2934	rVB3	11557	13711	0.57%	0.048%
82	20.368	2935	2938	2942	rBV2	24153	30531	1.28%	0.107%
83	20.415	2943	2946	2950	rVV2	22271	31128	1.30%	0.109%
84	20.533	2963	2966	2970	rVB2	23988	26555	1.11%	0.093%
85	20.815	3011	3014	3019	rVB	51441	70342	2.94%	0.247%
86	20.868	3019	3023	3025	rBV2	24953	29704	1.24%	0.104%
87	20.898	3025	3028	3032	rVB2	27725	37919	1.59%	0.133%
88	20.986	3037	3043	3047	rVV2	48673	86771	3.63%	0.305%
89	21.027	3047	3050	3051	rVV	47843	54926	2.30%	0.193%
90	21.056	3051	3055	3061	rVV3	128152	237034	9.91%	0.833%
91	21.109	3061	3064	3070	rVB2	50202	82736	3.46%	0.291%
92	21.339	3096	3103	3107	rBV2	1553948	2391142	100.00%	8.400%
93	21.374	3107	3109	3118	rVB	311570	400133	16.73%	1.406%
94	21.498	3127	3130	3134	rBV2	35063	47955	2.01%	0.168%
95	21.651	3153	3156	3162	rVB2	36266	53601	2.24%	0.188%
96	21.945	3203	3206	3211	rVB2	45838	66047	2.76%	0.232%
97	22.927	3367	3373	3378	rBV	241554	568959	23.79%	1.999%
98	23.409	3451	3455	3458	rBV	108066	181972	7.61%	0.639%
99	23.462	3458	3464	3469	rVV	925040	1648230	68.93%	5.790%
100	23.609	3482	3489	3495	rBV	946871	1832797	76.65%	6.439%

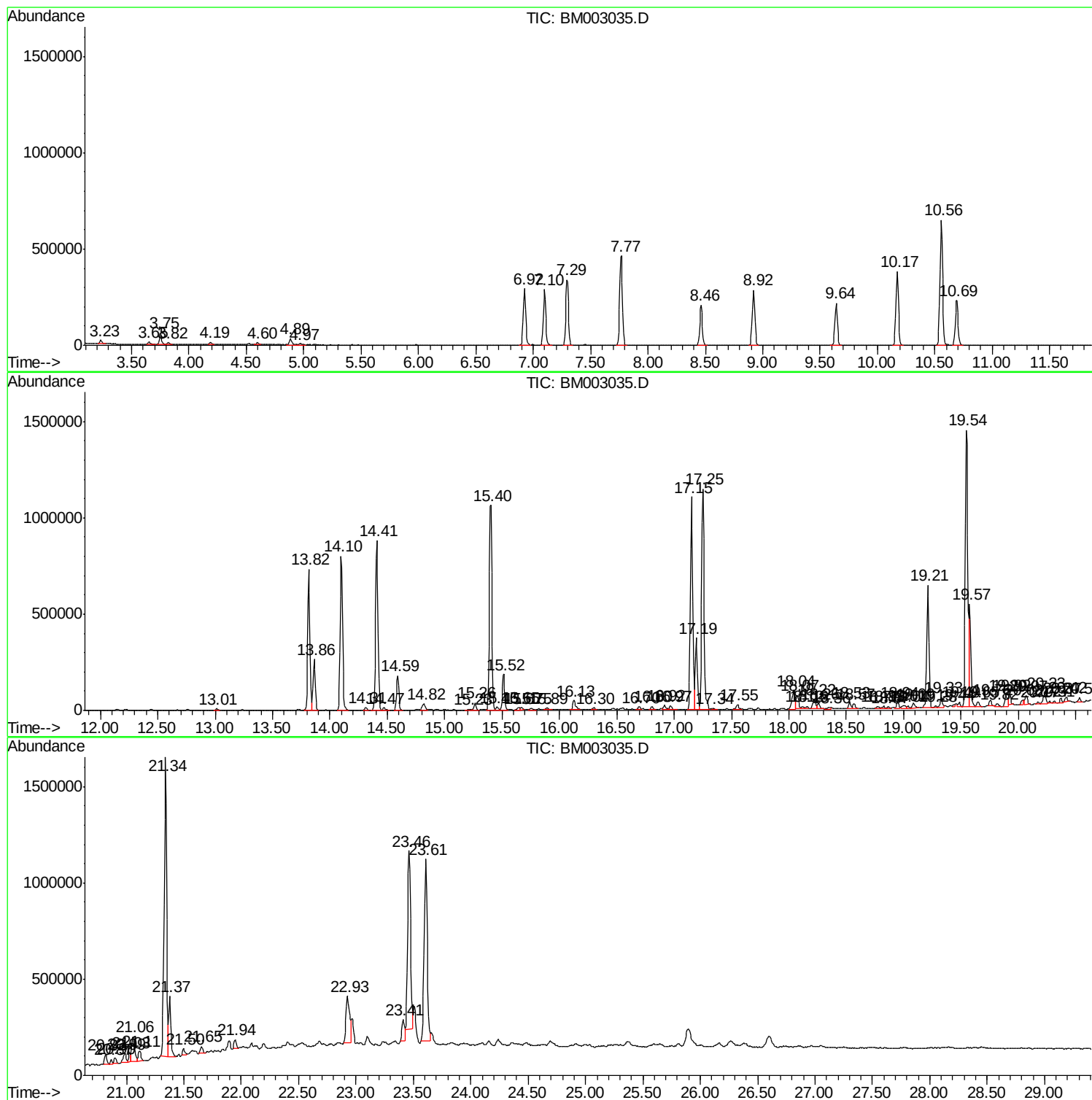
Sum of corrected areas: 28465260

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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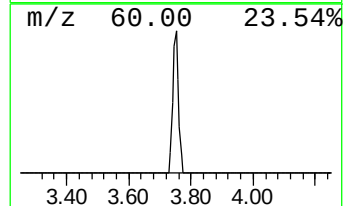
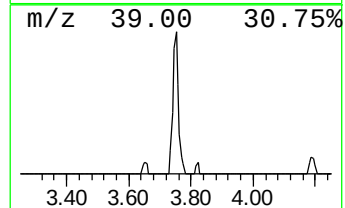
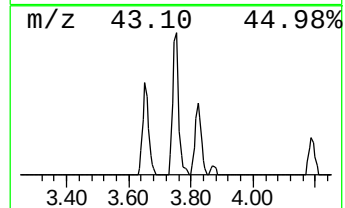
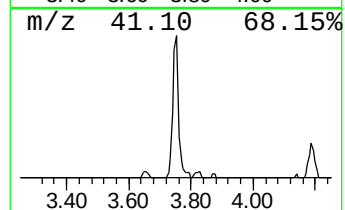
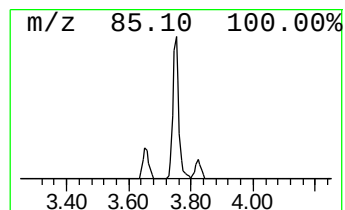
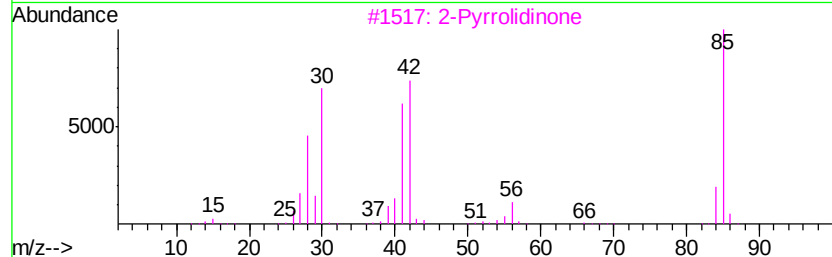
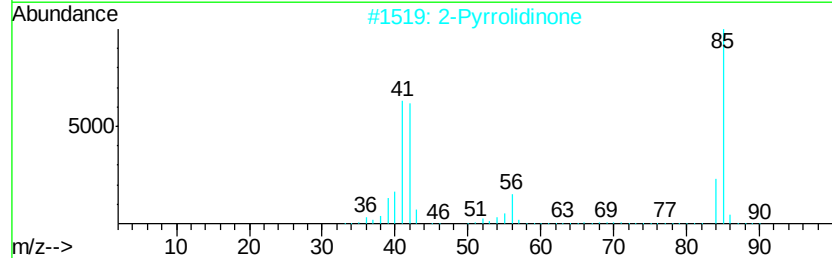
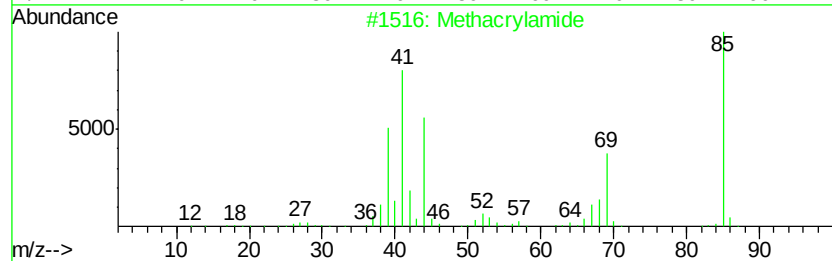
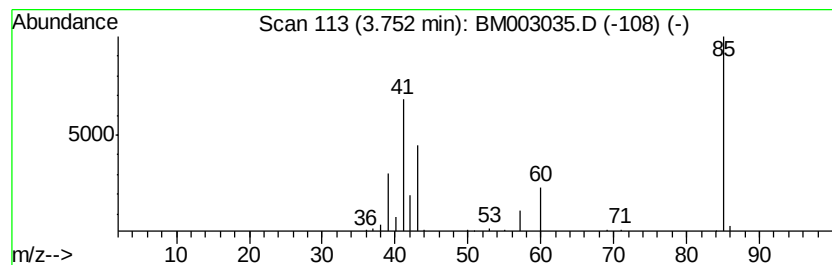
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	2.12 ng/ul	79433	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methacrylamide	85	C4H7NO	000079-39-0	36
2		2-Pyrrolidinone	85	C4H7NO	000616-45-5	28
3		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5		(S)-(-)-1-Amino-2-(methoxymethyl...	130	C6H14N2O	059983-39-0	9



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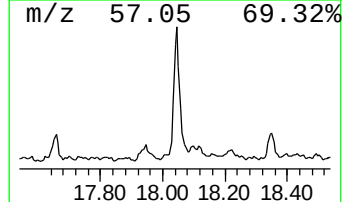
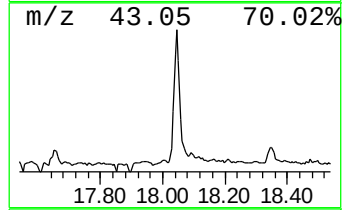
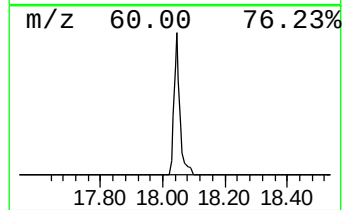
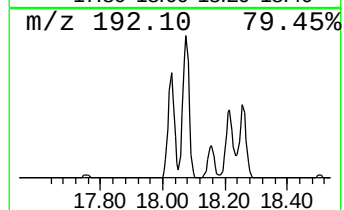
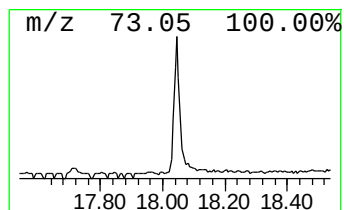
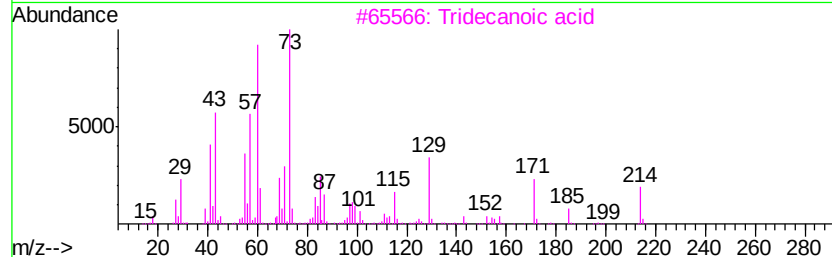
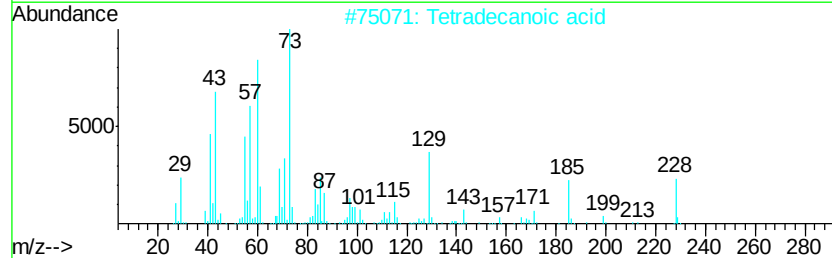
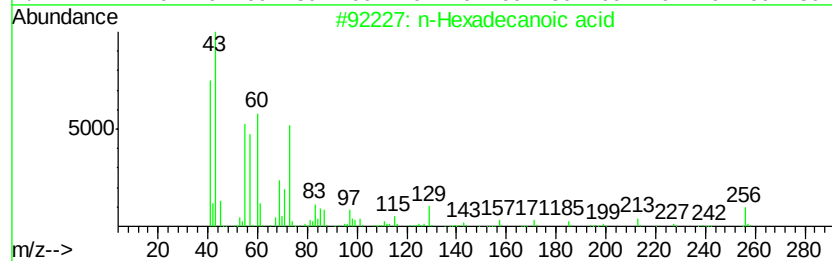
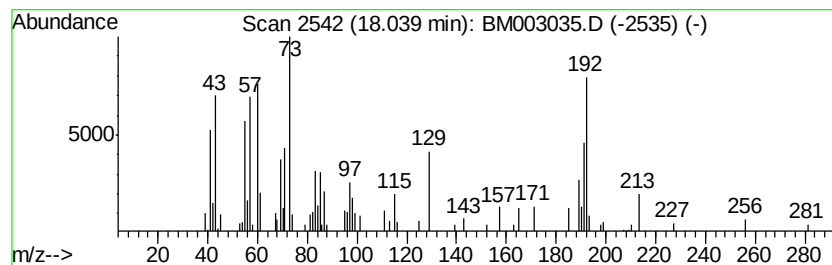
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.04	2.26 ng/ul	174451	Phenanthrene-d10	17.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58	
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30	
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.75	2.1	ng/ul	79433	1	7.77	751006	20.0
n-Hexadecanoic acid	18.04	2.3	ng/ul	174451	4	17.15	1540640	20.0