

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101716\
 Data File : BG024414.D
 Acq On : 18 Oct 2016 11:02
 Operator : UM/SJ
 Sample : H5223-10
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNK0

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\SOM02.2-EPA-BG0100716.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	3.642	132	137	147	rVB6	35735	77885	1.33%	0.103%
2	4.406	263	267	275	rVB8	12570	24694	0.42%	0.033%
3	4.594	292	299	304	rBV9	8567	22333	0.38%	0.029%
4	5.346	420	427	440	rVB2	115937	216023	3.68%	0.285%
5	5.534	456	459	465	rBV7	11423	21862	0.37%	0.029%
6	5.628	470	475	477	rBV6	11321	17269	0.29%	0.023%
7	5.698	484	487	492	rVB6	9597	15591	0.27%	0.021%
8	6.480	611	620	626	rVB6	9307	22528	0.38%	0.030%
9	7.203	738	743	748	rBV8	22433	50354	0.86%	0.066%
10	7.414	770	779	791	rVB	800430	1512958	25.79%	1.993%
11	7.596	803	810	822	rBV	551199	945133	16.11%	1.245%
12	7.808	838	846	856	rVB	726468	1279297	21.81%	1.685%
13	8.166	901	907	914	rBV8	8451	23701	0.40%	0.031%
14	8.284	918	927	939	rVB	840838	1519806	25.91%	2.002%
15	8.566	970	975	981	rVB7	8165	18360	0.31%	0.024%
16	8.795	1010	1014	1017	rBV5	8623	13963	0.24%	0.018%
17	8.971	1036	1044	1054	rBV	1006914	1801097	30.71%	2.373%
18	9.459	1118	1127	1133	rBV	805300	1476690	25.18%	1.945%
19	9.517	1133	1137	1148	rVV3	66818	124884	2.13%	0.165%
20	9.606	1148	1152	1157	rVB7	9511	17972	0.31%	0.024%
21	9.706	1163	1169	1174	rVB6	6051	14871	0.25%	0.020%
22	9.770	1174	1180	1182	rBV5	7209	14022	0.24%	0.018%
23	9.811	1182	1187	1191	rVB6	24659	38868	0.66%	0.051%
24	10.181	1241	1250	1265	rVV2	708198	1358251	23.16%	1.789%
25	10.275	1265	1266	1273	rVV5	7587	12909	0.22%	0.017%
26	10.358	1273	1280	1285	rVB7	13124	26255	0.45%	0.035%
27	10.716	1333	1341	1351	rBV	1044206	1942807	33.12%	2.559%
28	10.851	1356	1364	1366	rBV8	11201	15174	0.26%	0.020%
29	11.110	1398	1408	1417	rBV	1268942	2428464	41.40%	3.199%
30	11.239	1421	1430	1441	rBV	1053854	1911592	32.59%	2.518%
31	11.550	1480	1483	1491	rVB9	12908	26327	0.45%	0.035%
32	11.827	1527	1530	1537	rVB8	9386	20739	0.35%	0.027%
33	12.297	1607	1610	1614	rVB6	12496	17944	0.31%	0.024%
34	12.679	1666	1675	1681	rBV5	24491	51511	0.88%	0.068%

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35	12.884	1706	1710	1714	rVB6	7614	14292	0.24%	0.019%
36	13.254	1769	1773	1776	rBV5	9102	13140	0.22%	0.017%
37	13.554	1816	1824	1827	rBV6	12873	25155	0.43%	0.033%
38	13.754	1852	1858	1865	rVB5	41184	82391	1.40%	0.109%
39	14.036	1902	1906	1912	rVB7	8915	15150	0.26%	0.020%
40	14.147	1920	1925	1930	rVB7	9068	18006	0.31%	0.024%
41	14.288	1939	1949	1954	rBV	2138866	3354766	57.19%	4.419%
42	14.335	1954	1957	1965	rVB	1100444	1559849	26.59%	2.055%
43	14.594	1993	2001	2010	rBV	2122775	3576737	60.98%	4.712%
44	14.753	2022	2028	2033	rBV3	43981	51766	0.88%	0.068%
45	14.899	2044	2053	2062	rVB	2440272	3888827	66.30%	5.123%
46	15.058	2070	2080	2094	rBV	1204718	2008989	34.25%	2.646%
47	15.205	2099	2105	2107	rBV7	10438	17389	0.30%	0.023%
48	15.258	2109	2114	2118	rBV8	16987	29980	0.51%	0.039%
49	15.364	2129	2132	2135	rBV4	13083	14271	0.24%	0.019%
50	15.440	2141	2145	2147	rBV5	9075	12832	0.22%	0.017%
51	15.599	2166	2172	2177	rBV9	15868	37709	0.64%	0.050%
52	15.651	2177	2181	2184	rVV2	23850	35864	0.61%	0.047%
53	15.698	2184	2189	2195	rVV	91230	127324	2.17%	0.168%
54	15.763	2195	2200	2202	rVV6	15709	17017	0.29%	0.022%
55	15.798	2202	2206	2212	rVV	66448	84091	1.43%	0.111%
56	15.887	2212	2221	2231	rVB	3008303	4804019	81.90%	6.328%
57	15.986	2231	2238	2248	rBV	1192508	1880311	32.06%	2.477%
58	16.116	2252	2260	2267	rVB8	46865	135682	2.31%	0.179%
59	16.186	2271	2272	2278	rVB6	23191	27568	0.47%	0.036%
60	16.251	2278	2283	2291	rBV9	23857	51077	0.87%	0.067%
61	16.321	2291	2295	2300	rVV6	17398	26768	0.46%	0.035%
62	16.550	2329	2334	2348	rVB	109114	225913	3.85%	0.298%
63	16.832	2378	2382	2388	rVB9	20008	41604	0.71%	0.055%
64	16.903	2388	2394	2398	rBV8	26537	52940	0.90%	0.070%
65	17.050	2415	2419	2428	rVB4	57063	88595	1.51%	0.117%
66	17.126	2429	2432	2436	rVV6	11697	15629	0.27%	0.021%
67	17.349	2464	2470	2476	rBV2	108528	194477	3.32%	0.256%
68	17.391	2476	2477	2488	rVB7	33651	91813	1.57%	0.121%
69	17.637	2512	2519	2529	rBV2	2898141	4722661	80.51%	6.221%
70	17.737	2529	2536	2547	rVB	3169957	5163071	88.02%	6.801%
71	17.890	2558	2562	2569	rVB6	19971	35011	0.60%	0.046%

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72	17.978	2569	2577	2590	rBV3	215514	416097	7.09%	0.548%
73	18.090	2591	2596	2598	rVV6	37985	64460	1.10%	0.085%
74	18.113	2598	2600	2607	rVB3	50728	61342	1.05%	0.081%
75	18.260	2623	2625	2630	rVB6	15459	13620	0.23%	0.018%
76	18.360	2637	2642	2650	rVB6	18917	38027	0.65%	0.050%
77	18.483	2658	2663	2676	rBV	443402	680031	11.59%	0.896%
78	18.771	2708	2712	2716	rBV6	20957	30709	0.52%	0.040%
79	18.895	2730	2733	2740	rBV8	25761	36111	0.62%	0.048%
80	19.047	2754	2759	2767	rVB9	43195	79091	1.35%	0.104%
81	19.142	2773	2775	2782	rBV7	15552	22394	0.38%	0.030%
82	19.330	2804	2807	2815	rBV9	30799	49639	0.85%	0.065%
83	19.594	2850	2852	2853	rBV2	28139	24876	0.42%	0.033%
84	19.641	2856	2860	2866	rVB3	62684	91863	1.57%	0.121%
85	19.741	2872	2877	2885	rBV4	196674	306448	5.22%	0.404%
86	19.835	2890	2893	2896	rVB4	48200	46538	0.79%	0.061%
87	19.894	2899	2903	2908	rVB2	48294	82167	1.40%	0.108%
88	20.005	2916	2922	2930	rBV	3959831	5865571	100.00%	7.727%
89	20.522	3006	3010	3016	rVB7	60479	83538	1.42%	0.110%
90	21.163	3117	3119	3124	rVB4	65333	75803	1.29%	0.100%
91	21.521	3174	3180	3189	rBV4	218974	432463	7.37%	0.570%
92	21.862	3235	3238	3243	rVB6	42379	53074	0.90%	0.070%
93	21.938	3243	3251	3260	rVB	3114780	5440420	92.75%	7.167%
94	22.637	3368	3370	3377	rVB5	42882	57783	0.99%	0.076%
95	23.472	3508	3512	3518	rVB5	64585	119582	2.04%	0.158%
96	23.677	3543	3547	3557	rVB4	68476	125708	2.14%	0.166%
97	24.330	3653	3658	3666	rBV8	64619	158828	2.71%	0.209%
98	25.140	3784	3796	3811	rVB2	1986423	5856847	99.85%	7.715%
99	25.381	3823	3837	3850	rBV2	1756563	5740174	97.86%	7.562%
100	26.550	4033	4036	4050	rVB8	82393	233763	3.99%	0.308%

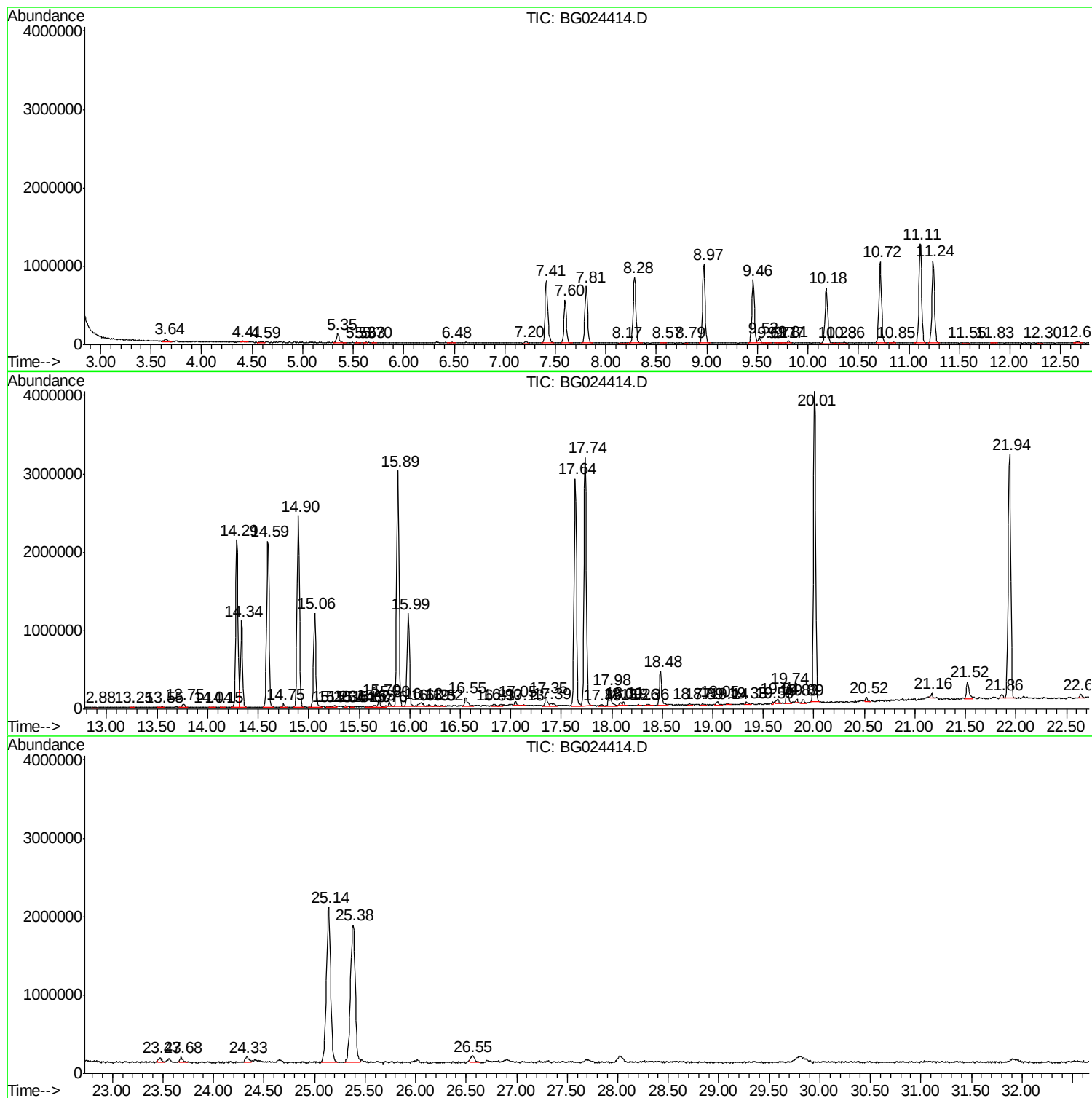
Sum of corrected areas: 75911785

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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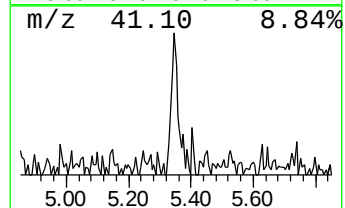
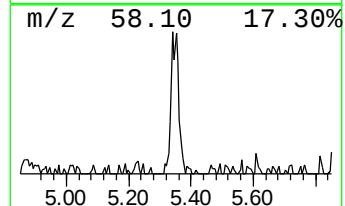
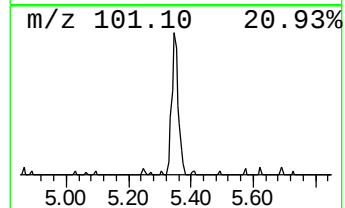
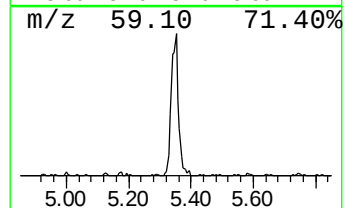
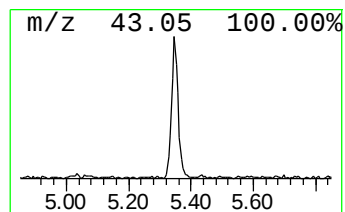
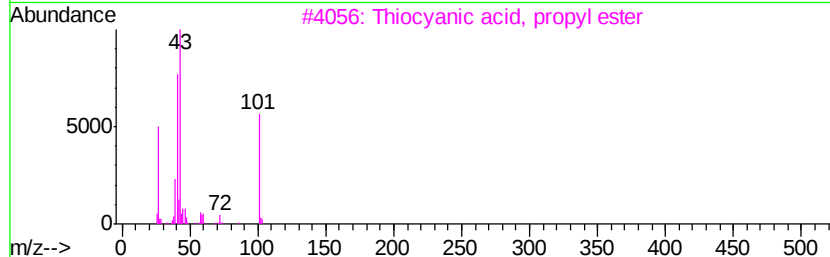
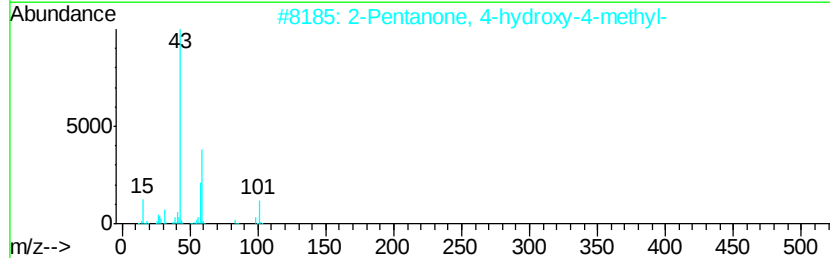
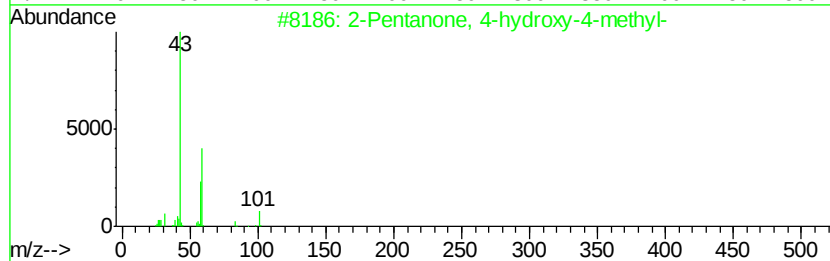
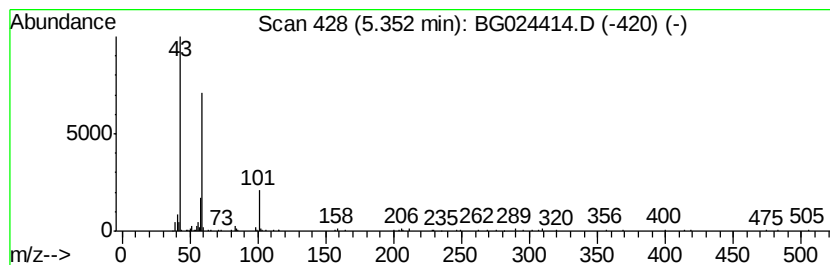
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	2.84 ng/ul	216023	1,4-Dichlorobenzene-d4	8.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3			Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9
4			Methyl 2-acetamidoacrylate	143	C6H9NO3	035356-70-8	9
5			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9



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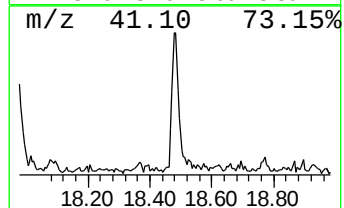
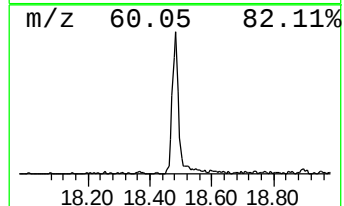
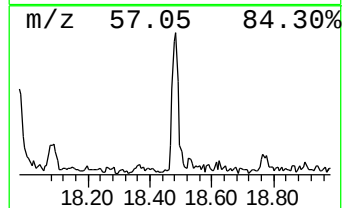
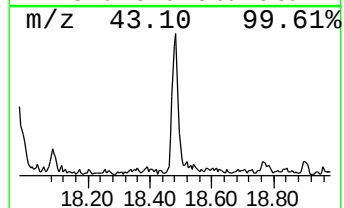
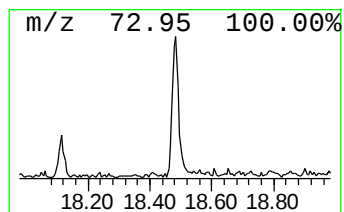
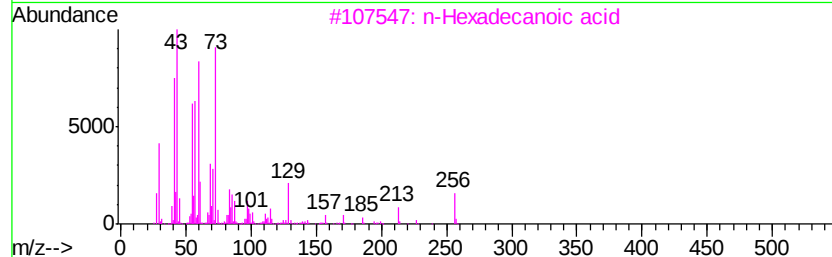
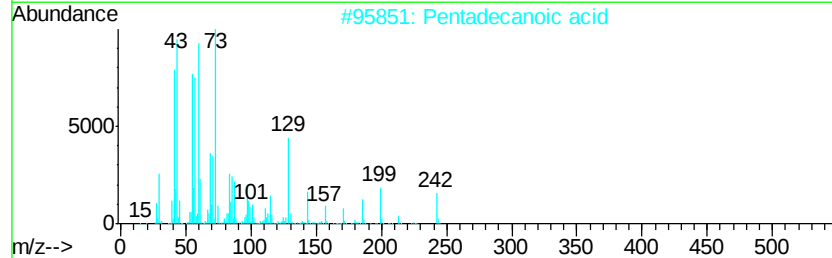
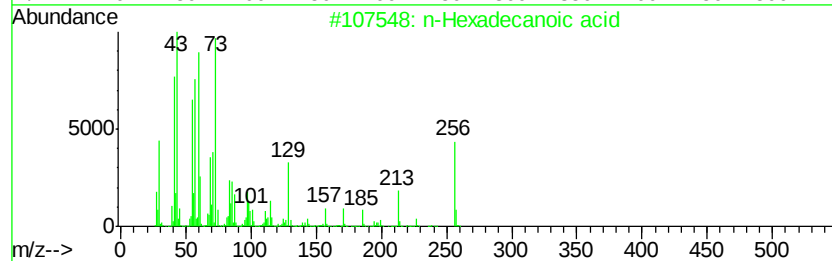
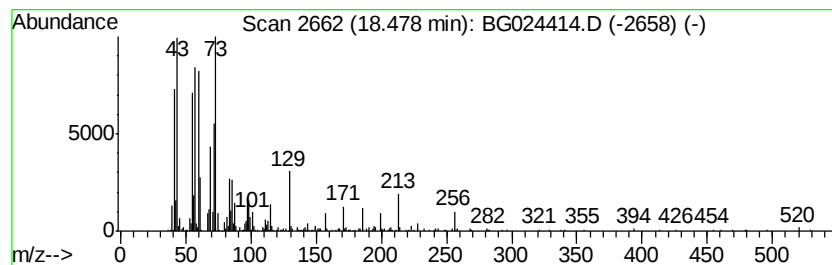
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.88 ng/ul	680031	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Octadecanoic acid	284	C18H36O2	000057-11-4	74
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.35	2.8	ng/ul	216023	1	8.28	1519810	20.0
n-Hexadecanoic acid	18.48	2.9	ng/ul	680031	4	17.64	4722660	20.0