

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047113.D
 Acq On : 29 Oct 2020 10:21
 Operator : CG/JU
 Sample : L4499-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW2B3

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-BG102220MA.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	3.459	18	20	29	rVB5	7619	11917	0.92%	0.091%
2	3.999	106	112	113	rBV6	8143	12611	0.97%	0.096%
3	4.111	130	131	132	rBV	3779	2617	0.20%	0.020%
4	4.223	147	150	155	rVB3	3899	5960	0.46%	0.045%
5	6.062	460	463	467	rVB4	2450	3721	0.29%	0.028%
6	6.732	574	577	579	rBV4	2720	3129	0.24%	0.024%
7	7.043	625	630	633	rBV3	1929	3949	0.30%	0.030%
8	7.207	651	658	669	rBV	128124	234442	18.03%	1.782%
9	7.378	681	687	694	rVB	97436	164386	12.64%	1.250%
10	7.583	715	722	730	rBV	134756	228519	17.57%	1.737%
11	7.672	736	737	741	rVB4	3628	3286	0.25%	0.025%
12	7.954	781	785	789	rBV3	1596	3107	0.24%	0.024%
13	8.059	796	803	811	rVB	181218	311556	23.96%	2.368%
14	8.753	914	921	929	rBV	159397	274975	21.15%	2.090%
15	9.217	993	1000	1009	rBV	127189	225464	17.34%	1.714%
16	9.287	1009	1012	1016	rVB4	2881	3953	0.30%	0.030%
17	9.945	1116	1124	1131	rBV	105919	194475	14.96%	1.478%
18	10.069	1141	1145	1151	rBV4	1871	3732	0.29%	0.028%
19	10.480	1208	1215	1223	rBV	163516	299773	23.05%	2.279%
20	10.533	1223	1224	1230	rVB4	3446	3127	0.24%	0.024%
21	10.639	1240	1242	1248	rVB4	1654	2972	0.23%	0.023%
22	10.697	1248	1252	1255	rBV2	1516	2603	0.20%	0.020%
23	10.868	1269	1281	1289	rBV2	242745	440820	33.90%	3.351%
24	10.997	1296	1303	1313	rBV	77920	156432	12.03%	1.189%
25	11.068	1313	1315	1318	rVB2	2289	2319	0.18%	0.018%
26	11.279	1348	1351	1354	rBV3	1981	2615	0.20%	0.020%
27	12.460	1550	1552	1556	rVB2	3028	3446	0.27%	0.026%
28	12.536	1561	1565	1566	rVV2	2593	2303	0.18%	0.018%
29	13.289	1690	1693	1697	rVB2	1684	2272	0.17%	0.017%
30	13.571	1736	1741	1747	rVB4	3210	6393	0.49%	0.049%
31	13.923	1796	1801	1807	rBV4	3878	7343	0.56%	0.056%
32	14.005	1813	1815	1820	rBV2	1578	2272	0.17%	0.017%
33	14.082	1822	1828	1833	rBV	331136	483700	37.20%	3.677%
34	14.135	1833	1837	1844	rVB	110626	157746	12.13%	1.199%

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35	14.381	1871	1879	1888	rBV	353207	540374	41.56%	4.108%
36	14.575	1909	1912	1914	rVV2	2923	2300	0.18%	0.017%
37	14.687	1924	1931	1938	rVB	416525	658168	50.61%	5.003%
38	14.757	1938	1943	1947	rVB4	5247	8760	0.67%	0.067%
39	14.822	1947	1954	1956	rBV4	5843	8813	0.68%	0.067%
40	14.869	1956	1962	1967	rBV2	126128	206024	15.84%	1.566%
41	14.928	1967	1972	1984	rVB2	165842	295557	22.73%	2.247%
42	15.098	1995	2001	2003	rVB5	7313	12464	0.96%	0.095%
43	15.151	2008	2010	2013	rVB	2588	2106	0.16%	0.016%
44	15.480	2063	2066	2068	rVV2	3015	3872	0.30%	0.029%
45	15.515	2071	2072	2077	rBV2	2768	3786	0.29%	0.029%
46	15.680	2091	2100	2106	rBV	481126	749281	57.62%	5.695%
47	15.727	2106	2108	2113	rVB4	5941	8466	0.65%	0.064%
48	15.786	2113	2118	2127	rBV	172069	266723	20.51%	2.027%
49	15.921	2135	2141	2148	rBV4	7041	12905	0.99%	0.098%
50	16.026	2158	2159	2164	rVB3	4237	5076	0.39%	0.039%
51	16.068	2164	2166	2170	rBV2	2601	3595	0.28%	0.027%
52	16.185	2184	2186	2188	rVB2	3700	2664	0.20%	0.020%
53	16.385	2216	2220	2222	rBV4	4157	6486	0.50%	0.049%
54	16.414	2223	2225	2228	rVV3	7851	7473	0.57%	0.057%
55	16.455	2230	2232	2236	rVB4	3374	3642	0.28%	0.028%
56	16.532	2242	2245	2247	rBV3	2148	2373	0.18%	0.018%
57	16.549	2247	2248	2253	rVB	2188	2182	0.17%	0.017%
58	16.737	2278	2280	2284	rVB	3157	2968	0.23%	0.023%
59	16.826	2291	2295	2296	rBV2	2662	2426	0.19%	0.018%
60	16.890	2301	2306	2310	rBV4	2155	3580	0.28%	0.027%
61	16.961	2315	2318	2320	rBV2	4397	4166	0.32%	0.032%
62	16.996	2323	2324	2330	rBV3	2655	2831	0.22%	0.022%
63	17.078	2336	2338	2341	rBV3	5415	6883	0.53%	0.052%
64	17.108	2341	2343	2346	rVB2	4287	3505	0.27%	0.027%
65	17.178	2349	2355	2359	rVV6	6236	11457	0.88%	0.087%
66	17.219	2359	2362	2363	rVV3	4164	3925	0.30%	0.030%
67	17.243	2363	2366	2370	rVV3	5349	8010	0.62%	0.061%
68	17.313	2375	2378	2383	rBV3	12255	17723	1.36%	0.135%
69	17.378	2387	2389	2392	rBV2	6220	8277	0.64%	0.063%
70	17.431	2392	2398	2403	rVV	592725	905540	69.64%	6.883%
71	17.472	2403	2405	2410	rVV	79824	103201	7.94%	0.784%

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72	17.531	2410	2415	2425	rVB	592175	889162	68.38%	6.759%
73	17.736	2448	2450	2456	rVB5	2120	2425	0.19%	0.018%
74	17.789	2456	2459	2462	rBV4	2538	3264	0.25%	0.025%
75	17.830	2462	2466	2472	rBV3	8573	15627	1.20%	0.119%
76	17.918	2476	2481	2484	rBV7	5507	7606	0.58%	0.058%
77	18.018	2496	2498	2500	rBV3	2231	2231	0.17%	0.017%
78	18.077	2506	2508	2513	rBV4	5184	8536	0.66%	0.065%
79	18.200	2524	2529	2534	rBV5	13545	24308	1.87%	0.185%
80	18.253	2534	2538	2543	rBV2	44386	62786	4.83%	0.477%
81	18.312	2543	2548	2553	rBV3	158078	214555	16.50%	1.631%
82	18.500	2576	2580	2584	rBV3	12078	20269	1.56%	0.154%
83	18.612	2594	2599	2602	rBV5	11718	18678	1.44%	0.142%
84	18.688	2609	2612	2615	rBV4	3651	5060	0.39%	0.038%
85	18.747	2619	2622	2625	rBV5	4054	5258	0.40%	0.040%
86	18.806	2627	2632	2635	rBV4	11653	18972	1.46%	0.144%
87	18.841	2636	2638	2645	rVB3	11707	18592	1.43%	0.141%
88	19.129	2685	2687	2692	rBV6	5758	7629	0.59%	0.058%
89	19.217	2700	2702	2703	rBV2	6969	4277	0.33%	0.033%
90	19.352	2722	2725	2735	rBV9	10682	24899	1.91%	0.189%
91	19.481	2738	2747	2753	rVV	204311	319472	24.57%	2.428%
92	19.581	2760	2764	2767	rBV4	41012	49017	3.77%	0.373%
93	19.816	2798	2804	2814	rBV2	743551	1300375	100.00%	9.885%
94	20.016	2836	2838	2842	rBV3	11501	8830	0.68%	0.067%
95	20.075	2846	2848	2849	rBV2	11508	7575	0.58%	0.058%
96	20.157	2858	2862	2864	rBV5	14782	25986	2.00%	0.198%
97	21.344	3061	3064	3065	rBV	55491	53190	4.09%	0.404%
98	21.696	3117	3124	3130	rBV2	602376	1153173	88.68%	8.766%
99	24.710	3630	3637	3646	rBV2	295543	764264	58.77%	5.809%
100	24.940	3668	3676	3686	rVB	343321	954152	73.38%	7.253%

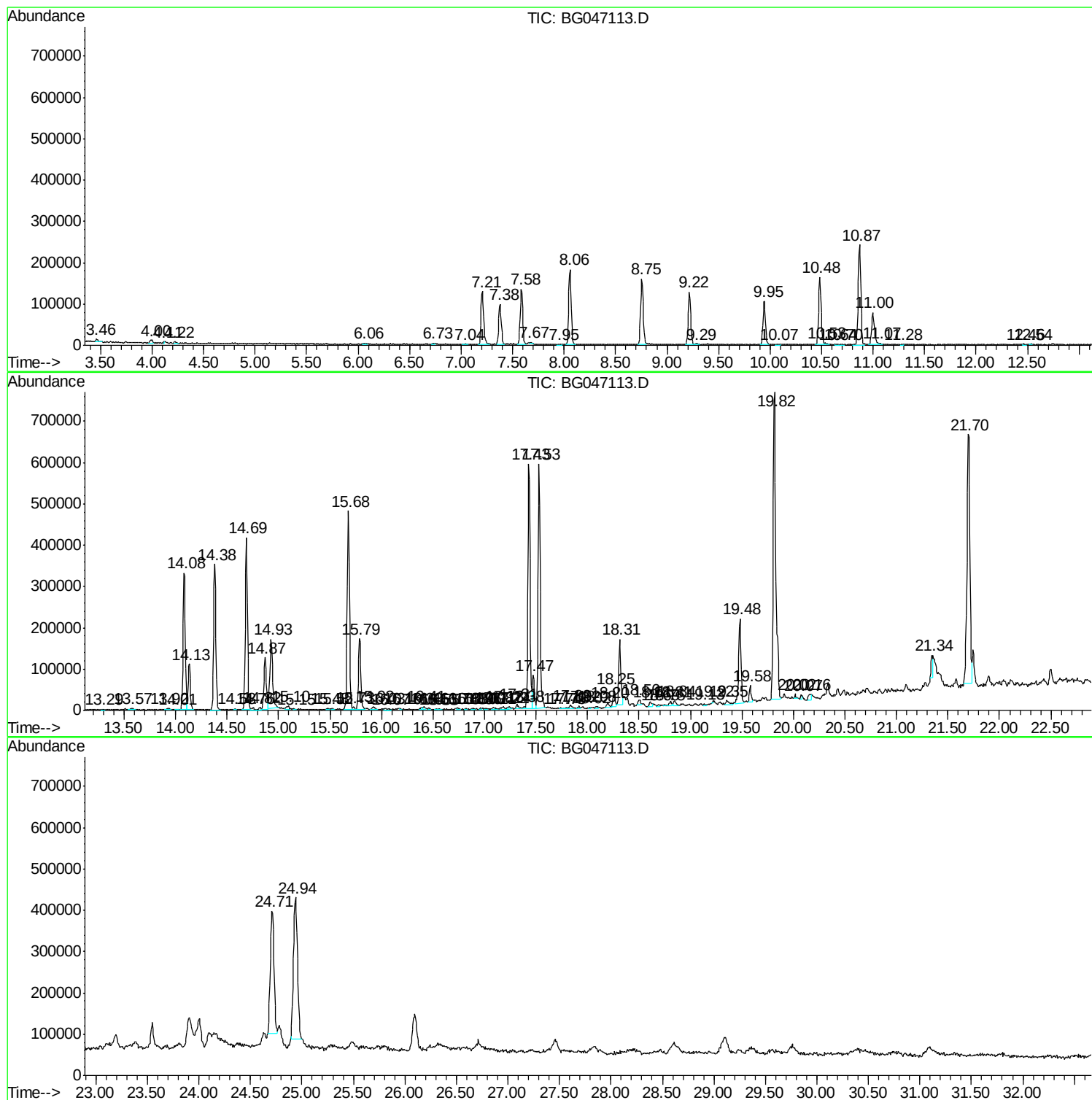
Sum of corrected areas: 13155685

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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



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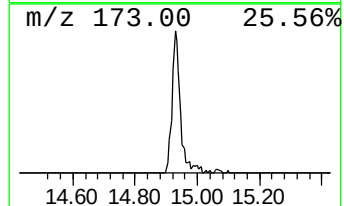
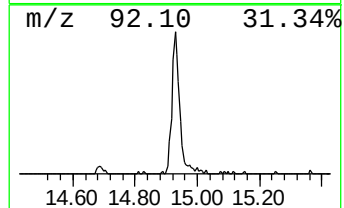
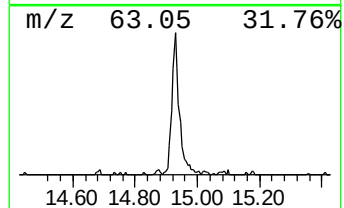
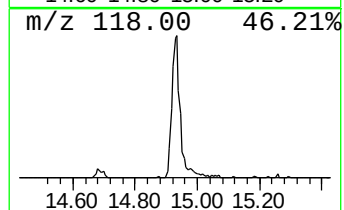
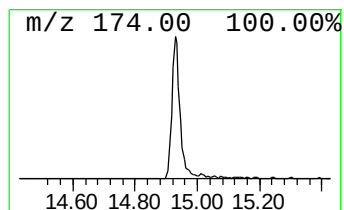
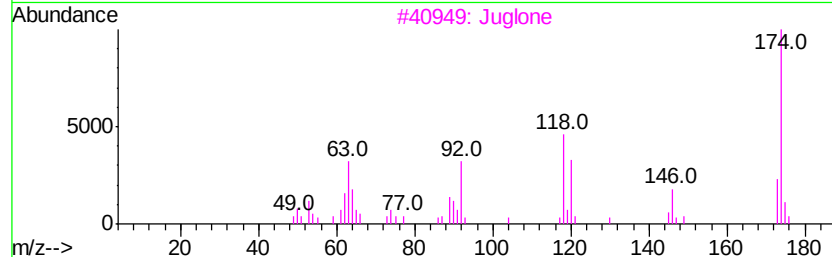
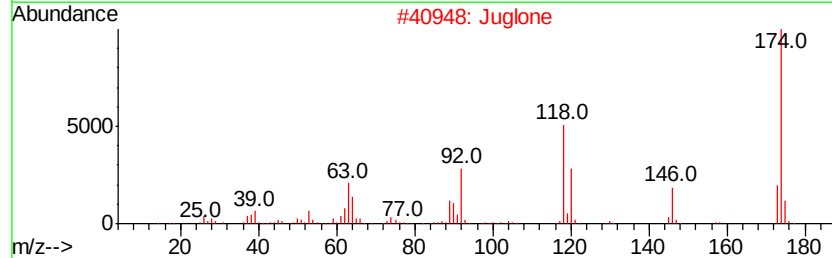
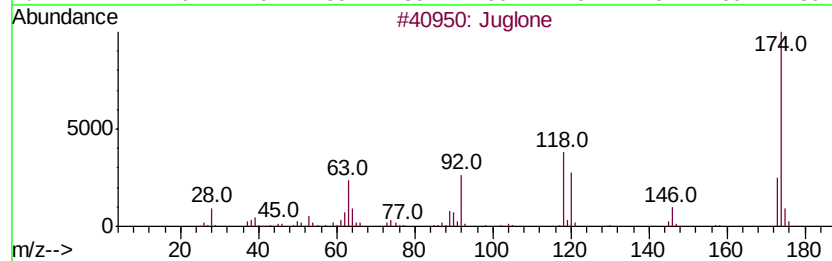
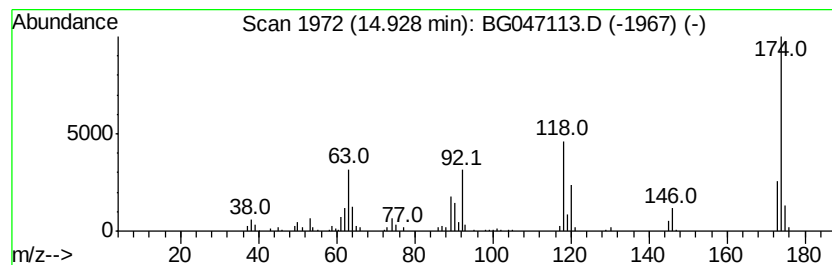
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Juglone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	8.98 ng/ul	295557	Acenaphthene-d10	14.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Juglone	174 C10H6O3	000481-39-0	94
2	Juglone	174 C10H6O3	000481-39-0	94
3	Juglone	174 C10H6O3	000481-39-0	53
4	1-Methyl-5-(4-methylphenyl)tetra...	174 C9H10N4	068826-33-5	49
5	2,3-Dimethylchromone	174 C11H10O2	017584-90-6	43



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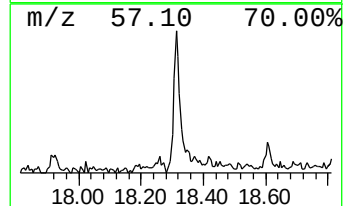
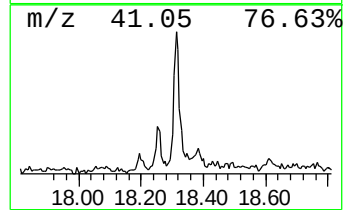
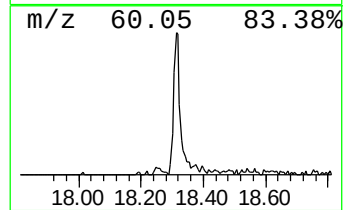
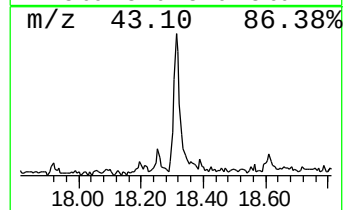
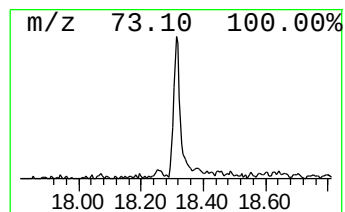
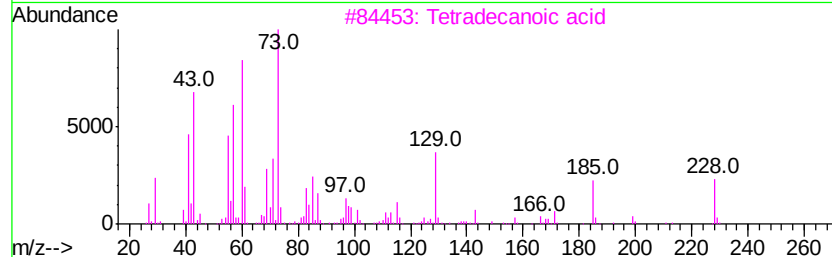
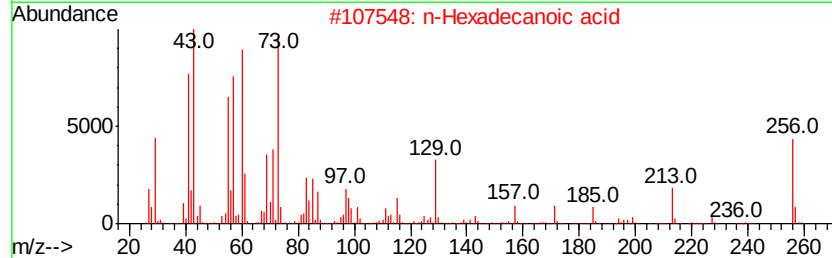
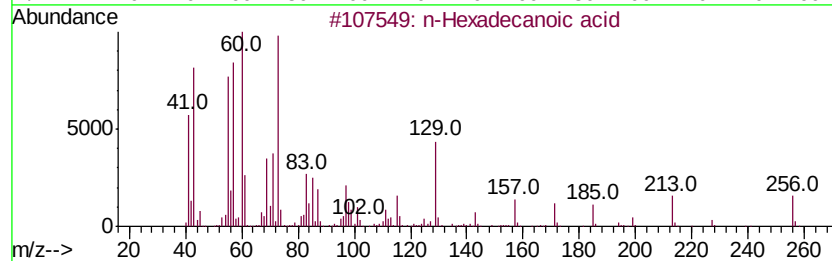
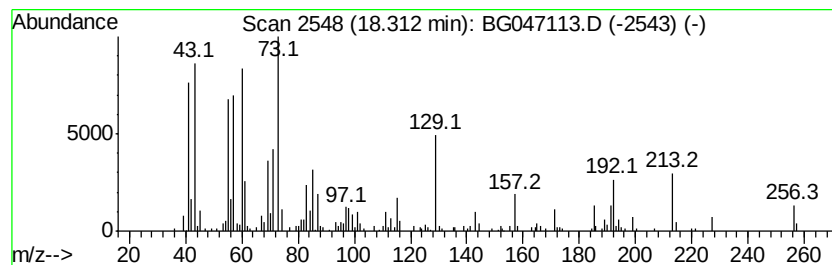
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	4.74 ng/ul	214555	Phenanthrene-d10	17.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Juglone	14.93	9.0	ng/ul	295557	3	14.69	658168	20.0
n-Hexadecanoic acid	18.31	4.7	ng/ul	214555	4	17.43	905540	20.0