

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047117.D
 Acq On : 29 Oct 2020 13:03
 Operator : CG/JU
 Sample : L4499-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW2B2

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	3.466	20	22	26	rVB2	6850	5504	0.54%	0.046%
2	3.895	93	95	99	rVB3	3621	3346	0.33%	0.028%
3	3.995	107	112	115	rBV3	14280	18716	1.83%	0.157%
4	4.124	129	134	138	rVB6	4383	5716	0.56%	0.048%
5	5.023	286	287	292	rBV3	1962	2102	0.20%	0.018%
6	5.141	301	307	308	rBV5	3731	3798	0.37%	0.032%
7	5.370	342	346	348	rBV3	2064	2779	0.27%	0.023%
8	5.493	365	367	370	rBV2	2076	2240	0.22%	0.019%
9	5.940	441	443	445	rBV3	1826	1867	0.18%	0.016%
10	6.551	546	547	550	rBV2	1849	1855	0.18%	0.016%
11	6.610	555	557	560	rVB3	2665	2603	0.25%	0.022%
12	6.668	564	567	568	rBV3	2731	2237	0.22%	0.019%
13	6.692	568	571	573	rBV3	2520	2819	0.27%	0.024%
14	6.862	598	600	604	rBV4	2064	3097	0.30%	0.026%
15	6.945	612	614	617	rVB2	2295	2324	0.23%	0.019%
16	7.056	625	633	634	rVB5	2397	4950	0.48%	0.041%
17	7.097	638	640	644	rVB4	2517	3224	0.31%	0.027%
18	7.150	644	649	650	rBV2	2204	3016	0.29%	0.025%
19	7.209	653	659	666	rVV2	117935	198612	19.37%	1.661%
20	7.379	682	688	696	rBV	88075	141521	13.80%	1.184%
21	7.585	717	723	730	rBV	114471	193806	18.90%	1.621%
22	7.755	749	752	754	rBV2	2234	2434	0.24%	0.020%
23	7.773	754	755	758	rVB3	2608	1945	0.19%	0.016%
24	8.061	796	804	811	rBV	197771	335645	32.73%	2.808%
25	8.314	843	847	849	rBV3	1857	2451	0.24%	0.021%
26	8.408	858	863	864	rBV2	1418	1891	0.18%	0.016%
27	8.507	875	880	883	rBV3	2361	3652	0.36%	0.031%
28	8.619	896	899	902	rVB2	1757	2199	0.21%	0.018%
29	8.754	917	922	930	rBV	131250	222375	21.69%	1.860%
30	8.813	930	932	937	rVB4	2293	2701	0.26%	0.023%
31	9.036	967	970	972	rVB	1699	1957	0.19%	0.016%
32	9.054	972	973	979	rBV4	1665	2865	0.28%	0.024%
33	9.218	994	1001	1009	rBV2	118788	210041	20.48%	1.757%
34	9.371	1023	1027	1032	rBV2	1431	2413	0.24%	0.020%

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35	9.636	1070	1072	1076	rVB3	2147	1870	0.18%	0.016%
36	9.941	1116	1124	1136	rBV	106865	192279	18.75%	1.608%
37	10.487	1210	1217	1227	rBV	154737	284790	27.77%	2.382%
38	10.869	1275	1282	1289	rVB	273977	487561	47.55%	4.079%
39	10.999	1297	1304	1312	rBV	91831	171410	16.72%	1.434%
40	12.056	1481	1484	1487	rBV	1709	2389	0.23%	0.020%
41	12.379	1534	1539	1544	rVB4	3678	6552	0.64%	0.055%
42	12.450	1547	1551	1554	rVV3	3085	4702	0.46%	0.039%
43	12.520	1561	1563	1568	rVB3	2167	2982	0.29%	0.025%
44	12.644	1580	1584	1585	rBV	2073	2364	0.23%	0.020%
45	12.755	1598	1603	1605	rBV2	2001	2619	0.26%	0.022%
46	13.267	1688	1690	1692	rBV2	2123	1969	0.19%	0.016%
47	13.578	1738	1743	1746	rVB5	4102	7342	0.72%	0.061%
48	13.925	1797	1802	1806	rBV6	4941	8009	0.78%	0.067%
49	14.019	1815	1818	1822	rVB3	2287	3398	0.33%	0.028%
50	14.089	1822	1830	1834	rBV	351455	521236	50.83%	4.360%
51	14.130	1834	1837	1845	rVV	89769	133369	13.01%	1.116%
52	14.218	1849	1852	1855	rVV2	2074	2473	0.24%	0.021%
53	14.383	1873	1880	1887	rBV	351303	552722	53.90%	4.624%
54	14.647	1922	1925	1926	rBV2	1622	1929	0.19%	0.016%
55	14.688	1926	1932	1939	rVV	505649	788771	76.92%	6.598%
56	14.794	1948	1950	1951	rBV	2544	1899	0.19%	0.016%
57	14.824	1951	1955	1958	rBV2	10200	12847	1.25%	0.107%
58	14.871	1958	1963	1968	rBV2	121248	203155	19.81%	1.699%
59	14.935	1968	1974	1986	rVB	262225	460359	44.89%	3.851%
60	15.094	1999	2001	2005	rVB4	5538	5993	0.58%	0.050%
61	15.247	2024	2027	2029	rBV2	2525	2801	0.27%	0.023%
62	15.323	2036	2040	2041	rBV2	1694	2182	0.21%	0.018%
63	15.517	2071	2073	2075	rBV2	2980	3308	0.32%	0.028%
64	15.681	2091	2101	2107	rBV	511595	761453	74.26%	6.370%
65	15.793	2115	2120	2131	rBV	81332	121819	11.88%	1.019%
66	15.893	2135	2137	2139	rBV2	2769	2002	0.20%	0.017%
67	15.922	2139	2142	2147	rBV4	6641	9546	0.93%	0.080%
68	16.263	2196	2200	2202	rVB2	2035	1859	0.18%	0.016%
69	16.381	2216	2220	2221	rBV2	4258	5193	0.51%	0.043%
70	16.410	2223	2225	2232	rVV3	5570	7476	0.73%	0.063%
71	16.463	2232	2234	2238	rVV4	2696	4003	0.39%	0.033%

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72	16.527	2242	2245	2246	rVV2	4745	4442	0.43%	0.037%
73	16.598	2255	2257	2260	rVB2	2467	2921	0.28%	0.024%
74	16.627	2260	2262	2264	rBV2	1854	1952	0.19%	0.016%
75	16.774	2286	2287	2289	rBV2	2985	2179	0.21%	0.018%
76	16.815	2293	2294	2297	rVV3	3021	2782	0.27%	0.023%
77	16.945	2312	2316	2317	rBV	2289	2221	0.22%	0.019%
78	16.962	2317	2319	2320	rBV2	4836	2560	0.25%	0.021%
79	17.033	2329	2331	2332	rBV2	3198	2437	0.24%	0.020%
80	17.086	2339	2340	2343	rBV2	2803	2293	0.22%	0.019%
81	17.150	2348	2351	2353	rBV4	3266	4169	0.41%	0.035%
82	17.186	2353	2357	2359	rBV4	5758	5847	0.57%	0.049%
83	17.227	2360	2364	2366	rBV3	5141	6063	0.59%	0.051%
84	17.256	2368	2369	2372	rBV3	3049	3622	0.35%	0.030%
85	17.315	2375	2379	2387	rBV5	20164	36868	3.60%	0.308%
86	17.379	2387	2390	2394	rBV4	12691	18014	1.76%	0.151%
87	17.432	2394	2399	2405	rBV	650801	975332	95.11%	8.159%
88	17.532	2410	2416	2427	rVB	515982	784138	76.47%	6.559%
89	17.685	2440	2442	2445	rBV4	5103	6249	0.61%	0.052%
90	17.808	2461	2463	2465	rBV3	3613	2113	0.21%	0.018%
91	17.885	2474	2476	2479	rBV3	4958	5576	0.54%	0.047%
92	17.920	2480	2482	2485	rVB2	6092	4968	0.48%	0.042%
93	18.196	2527	2529	2536	rVB7	12371	19858	1.94%	0.166%
94	18.255	2536	2539	2545	rBV5	16936	31940	3.11%	0.267%
95	18.314	2545	2549	2555	rBV2	88256	129716	12.65%	1.085%
96	19.483	2744	2748	2755	rVB2	80910	117423	11.45%	0.982%
97	19.818	2800	2805	2814	rBV2	638302	958127	93.43%	8.015%
98	21.704	3121	3126	3132	rVB2	604188	955496	93.18%	7.993%
99	24.718	3634	3639	3649	rVB	268150	654289	63.81%	5.473%
100	24.941	3672	3677	3692	rVB2	364808	1025450	100.00%	8.578%

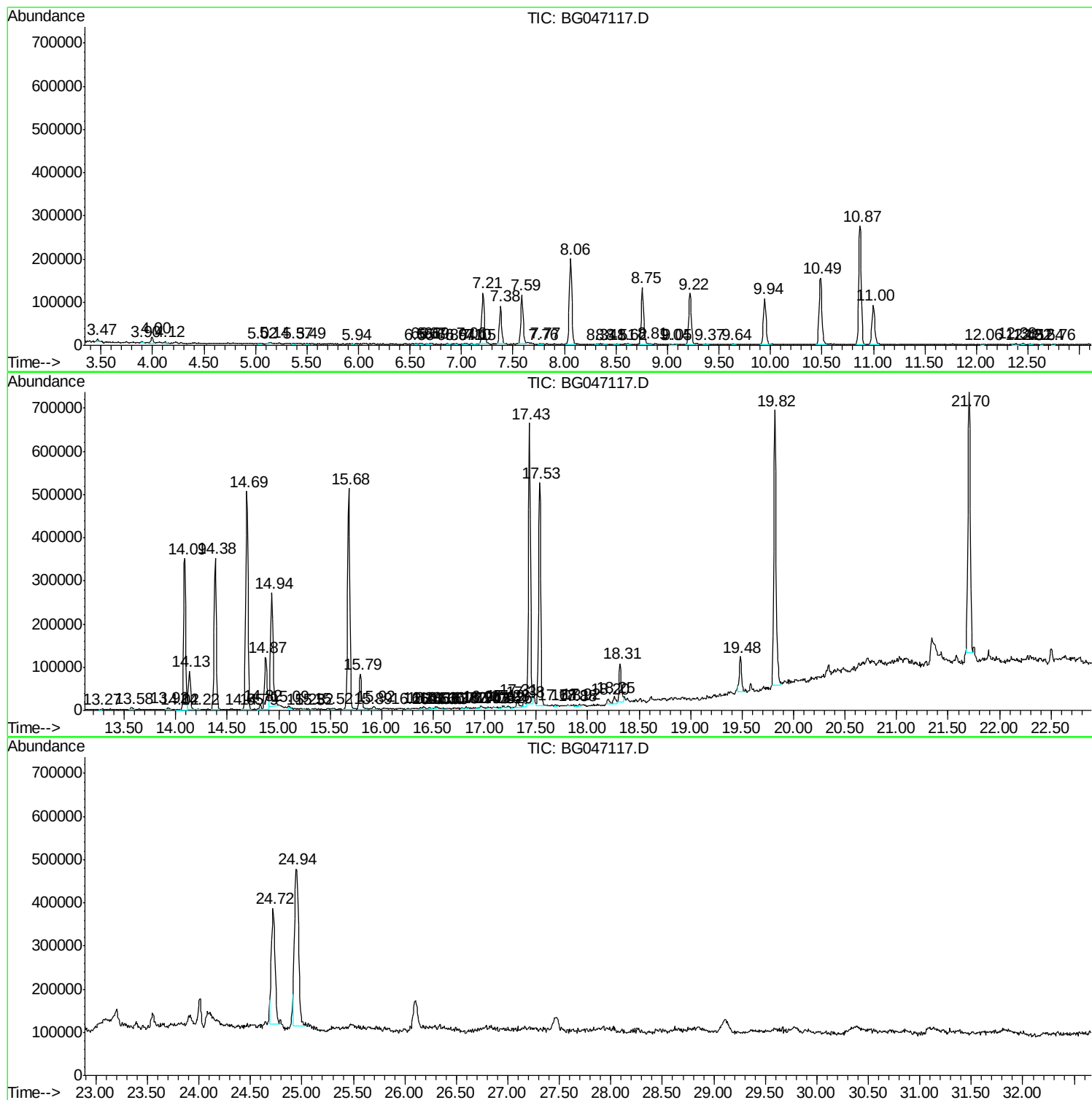
Sum of corrected areas: 11954377

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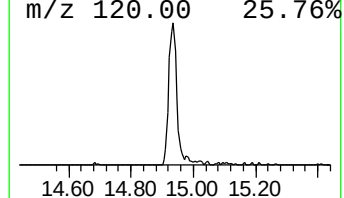
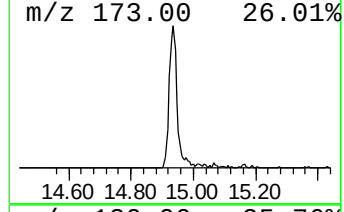
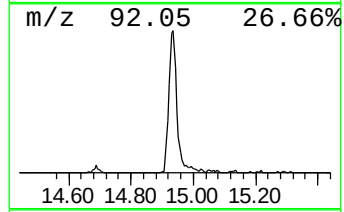
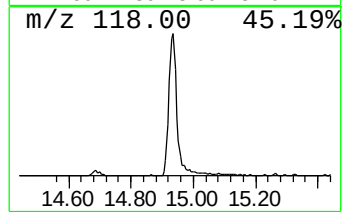
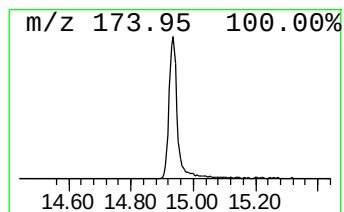
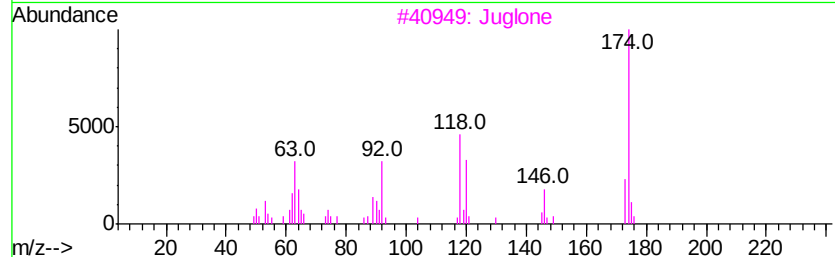
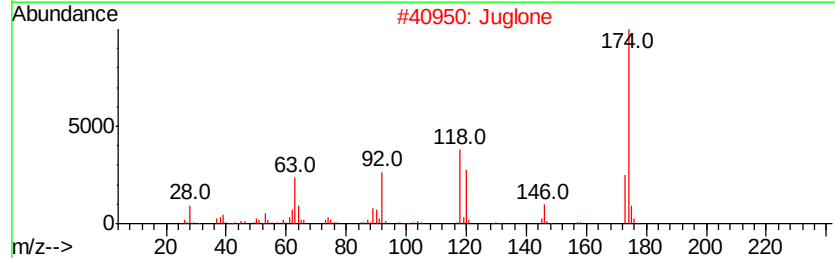
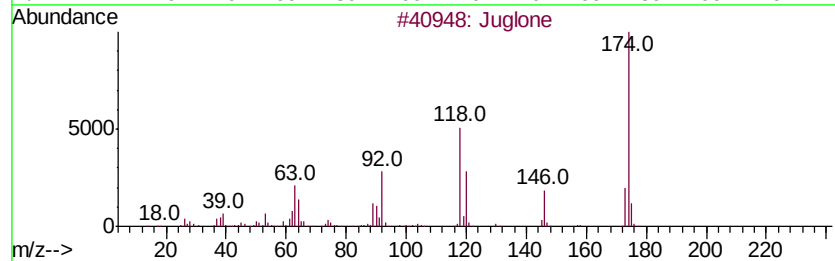
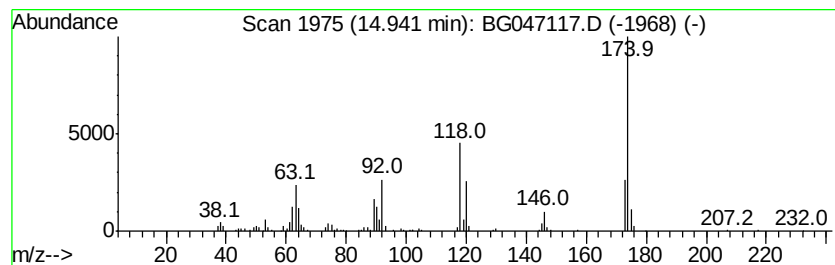
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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.
14.94	11.67 ng/ul	460359	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	93
3	Juglone	174 C10H6O3	000481-39-0	80
4	1-Methyl-5-(4-methylphenyl)tetra...	174 C9H10N4	068826-33-5	47
5	Acetic acid, 5,8-dihydro-5,8-dio...	216 C12H8O4	005196-28-1	47



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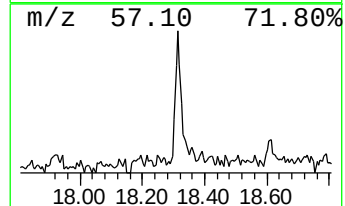
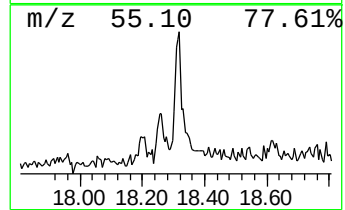
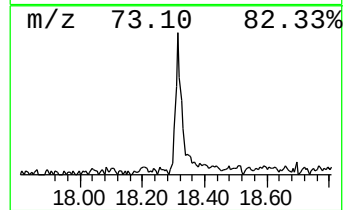
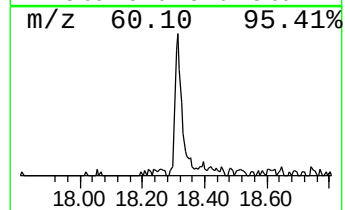
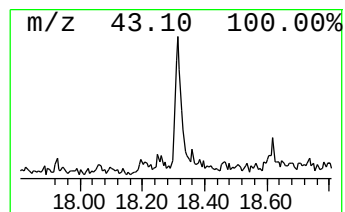
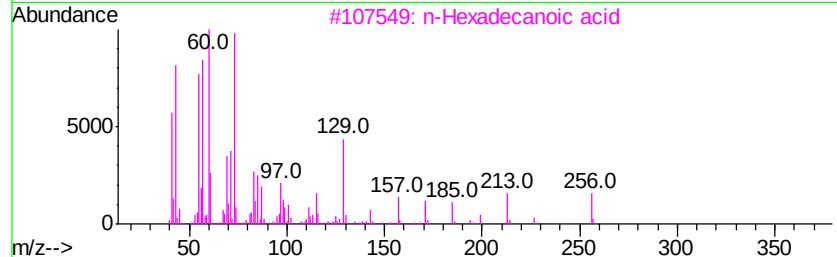
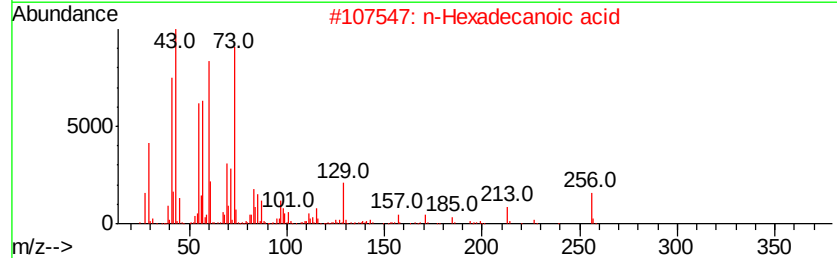
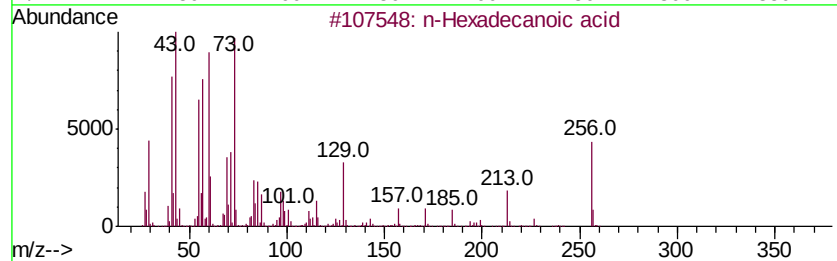
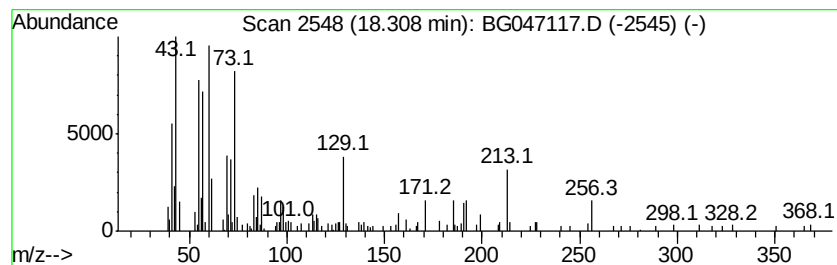
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.66 ng/ul	129716	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	64
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5		Tridecanoic acid	214	C13H26O2	000638-53-9	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Juglone	14.94	11.7	ng/ul	460359	3	14.69	788771	20.0
n-Hexadecanoic acid	18.31	2.7	ng/ul	129716	4	17.43	975332	20.0