

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047807.D
 Acq On : 23 Dec 2020 20:36
 Operator : CG/JU
 Sample : L5112-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A54N9

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-BG120720MA.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	3.487	23	25	28	rBV3	2839	2106	0.17%	0.018%
2	3.522	28	31	36	rVB3	6258	8299	0.67%	0.070%
3	3.810	76	80	84	rBV5	1885	2854	0.23%	0.024%
4	4.198	144	146	148	rBV2	2418	2482	0.20%	0.021%
5	4.315	162	166	167	rBV3	2644	3212	0.26%	0.027%
6	4.656	223	224	227	rBV	1749	1856	0.15%	0.016%
7	4.744	237	239	244	rBV3	2008	3606	0.29%	0.030%
8	5.220	317	320	321	rVB2	2209	1870	0.15%	0.016%
9	5.902	435	436	440	rVB	2664	2249	0.18%	0.019%
10	5.943	440	443	445	rBV	1792	2122	0.17%	0.018%
11	6.119	471	473	478	rBV2	1144	1926	0.15%	0.016%
12	6.301	501	504	507	rVB	1533	1996	0.16%	0.017%
13	6.372	511	516	517	rBV	1791	2394	0.19%	0.020%
14	6.948	611	614	615	rVB	2245	1989	0.16%	0.017%
15	6.971	615	618	619	rBV	1958	1909	0.15%	0.016%
16	7.218	657	660	663	rVB	1742	2215	0.18%	0.019%
17	7.271	665	669	671	rBV	1918	1866	0.15%	0.016%
18	7.335	671	680	691	rVV	165294	295971	23.79%	2.500%
19	7.435	694	697	699	rVB	2008	1913	0.15%	0.016%
20	7.512	702	710	717	rVB	107082	175349	14.10%	1.481%
21	7.629	728	730	733	rBV	2160	2248	0.18%	0.019%
22	7.723	740	746	753	rBV	177508	299727	24.10%	2.532%
23	7.770	753	754	763	rVB4	4133	7806	0.63%	0.066%
24	8.199	818	827	838	rVB	110268	182733	14.69%	1.543%
25	8.299	842	844	847	rVB	2904	2378	0.19%	0.020%
26	8.428	862	866	868	rVB	1536	2011	0.16%	0.017%
27	8.487	873	876	879	rVB	1893	1899	0.15%	0.016%
28	8.892	938	945	955	rBV	211377	359719	28.92%	3.038%
29	9.362	1016	1025	1034	rVB	172357	319039	25.65%	2.695%
30	9.503	1047	1049	1053	rVB	2188	2246	0.18%	0.019%
31	9.768	1089	1094	1098	rBV	3794	5557	0.45%	0.047%
32	10.091	1140	1149	1158	rBV2	181552	327565	26.33%	2.767%
33	10.631	1233	1241	1250	rBV	244794	436629	35.10%	3.688%
34	10.696	1250	1252	1255	rVB	1821	1942	0.16%	0.016%

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35	11.025	1301	1308	1315	rBV	133246	232088	18.66%	1.960%
36	11.148	1322	1329	1336	rBV	204356	374569	30.11%	3.164%
37	11.466	1380	1383	1386	rBV	1527	2029	0.16%	0.017%
38	12.324	1526	1529	1532	rBV	1491	1988	0.16%	0.017%
39	12.594	1569	1575	1579	rBV2	5083	8090	0.65%	0.068%
40	13.287	1692	1693	1696	rBV2	1857	2064	0.17%	0.017%
41	13.693	1759	1762	1766	rVB2	2490	2453	0.20%	0.021%
42	14.139	1832	1838	1840	rBV2	1166	2182	0.18%	0.018%
43	14.210	1844	1850	1855	rVV	474479	687515	55.27%	5.807%
44	14.257	1855	1858	1866	rVB	37109	50472	4.06%	0.426%
45	14.515	1895	1902	1909	rBV	467480	719292	57.82%	6.075%
46	14.821	1947	1954	1960	rVB2	213098	346434	27.85%	2.926%
47	14.915	1967	1970	1973	rBV2	1356	2131	0.17%	0.018%
48	14.985	1976	1982	1989	rBV2	187736	295515	23.76%	2.496%
49	15.056	1989	1994	2001	rBV	206349	331891	26.68%	2.803%
50	15.167	2011	2013	2015	rVB	2989	1999	0.16%	0.017%
51	15.802	2113	2121	2130	rVB	575874	907082	72.92%	7.661%
52	15.913	2133	2140	2147	rBV	215676	330819	26.59%	2.794%
53	16.043	2159	2162	2165	rBV2	8649	10477	0.84%	0.088%
54	16.225	2191	2193	2199	rVB2	1589	2387	0.19%	0.020%
55	16.589	2251	2255	2257	rVV2	3838	5277	0.42%	0.045%
56	16.613	2257	2259	2262	rVB2	1865	2205	0.18%	0.019%
57	16.948	2314	2316	2322	rBV2	1825	3332	0.27%	0.028%
58	17.235	2362	2365	2368	rVB2	3284	3187	0.26%	0.027%
59	17.335	2380	2382	2386	rVB2	2668	2714	0.22%	0.023%
60	17.553	2411	2419	2428	rBV	290716	457886	36.81%	3.867%
61	17.653	2430	2436	2444	rVV	671301	1013724	81.49%	8.562%
62	18.093	2509	2511	2512	rVB	3561	1848	0.15%	0.016%
63	18.499	2575	2580	2583	rVB5	5515	7033	0.57%	0.059%
64	18.581	2591	2594	2595	rBV	3287	2742	0.22%	0.023%
65	18.634	2600	2603	2605	rBV	1852	2166	0.17%	0.018%
66	18.710	2614	2616	2618	rBV	2143	2025	0.16%	0.017%
67	18.963	2657	2659	2662	rVB3	2366	2014	0.16%	0.017%
68	19.004	2664	2666	2667	rVB	3901	2172	0.17%	0.018%
69	19.022	2667	2669	2671	rBV2	2063	2040	0.16%	0.017%
70	19.045	2671	2673	2675	rVB3	2362	2065	0.17%	0.017%
71	19.210	2699	2701	2703	rVB	3370	1994	0.16%	0.017%

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72	19.257	2707	2709	2711	rVB	2812	2023	0.16%	0.017%
73	19.274	2711	2712	2713	rBV	4003	2009	0.16%	0.017%
74	19.380	2728	2730	2734	rBV2	2502	2691	0.22%	0.023%
75	19.421	2734	2737	2740	rBV2	2681	3913	0.31%	0.033%
76	19.486	2746	2748	2751	rVB2	2383	2460	0.20%	0.021%
77	19.562	2756	2761	2767	rVB3	11378	16974	1.36%	0.143%
78	19.809	2800	2803	2806	rBV4	8137	9049	0.73%	0.076%
79	19.926	2816	2823	2830	rVB	850495	1243937	100.00%	10.506%
80	20.273	2881	2882	2884	rBV2	4947	2947	0.24%	0.025%
81	20.402	2902	2904	2906	rBV3	3854	3469	0.28%	0.029%
82	20.420	2906	2907	2910	rVB3	6528	4687	0.38%	0.040%
83	20.479	2916	2917	2920	rBV3	4273	3282	0.26%	0.028%
84	21.037	3010	3012	3013	rBV	5442	2867	0.23%	0.024%
85	21.442	3077	3081	3086	rBV7	31946	65825	5.29%	0.556%
86	21.824	3140	3146	3153	rVB2	292264	498280	40.06%	4.209%
87	22.629	3281	3283	3286	rBV4	6247	5513	0.44%	0.047%
88	24.944	3666	3677	3687	rVB	415349	1134226	91.18%	9.580%
89	25.167	3706	3715	3727	rVB2	167740	497767	40.02%	4.204%
90	25.820	3824	3826	3828	rBV3	5409	3878	0.31%	0.033%
91	26.166	3883	3885	3886	rBV2	7569	2926	0.24%	0.025%
92	26.671	3970	3971	3973	rBV2	6251	4485	0.36%	0.038%
93	27.612	4129	4131	4132	rBV	5849	3957	0.32%	0.033%
94	28.176	4225	4227	4229	rBV3	5859	2758	0.22%	0.023%
95	28.781	4328	4330	4331	rBV2	5491	3181	0.26%	0.027%
96	30.590	4636	4638	4640	rBV3	4921	4206	0.34%	0.036%
97	30.767	4667	4668	4669	rBV	6307	3145	0.25%	0.027%
98	31.331	4762	4764	4766	rBV3	5485	4512	0.36%	0.038%
99	31.695	4824	4826	4828	rVB3	6239	3615	0.29%	0.031%
100	31.877	4855	4857	4859	rVB3	6709	5583	0.45%	0.047%

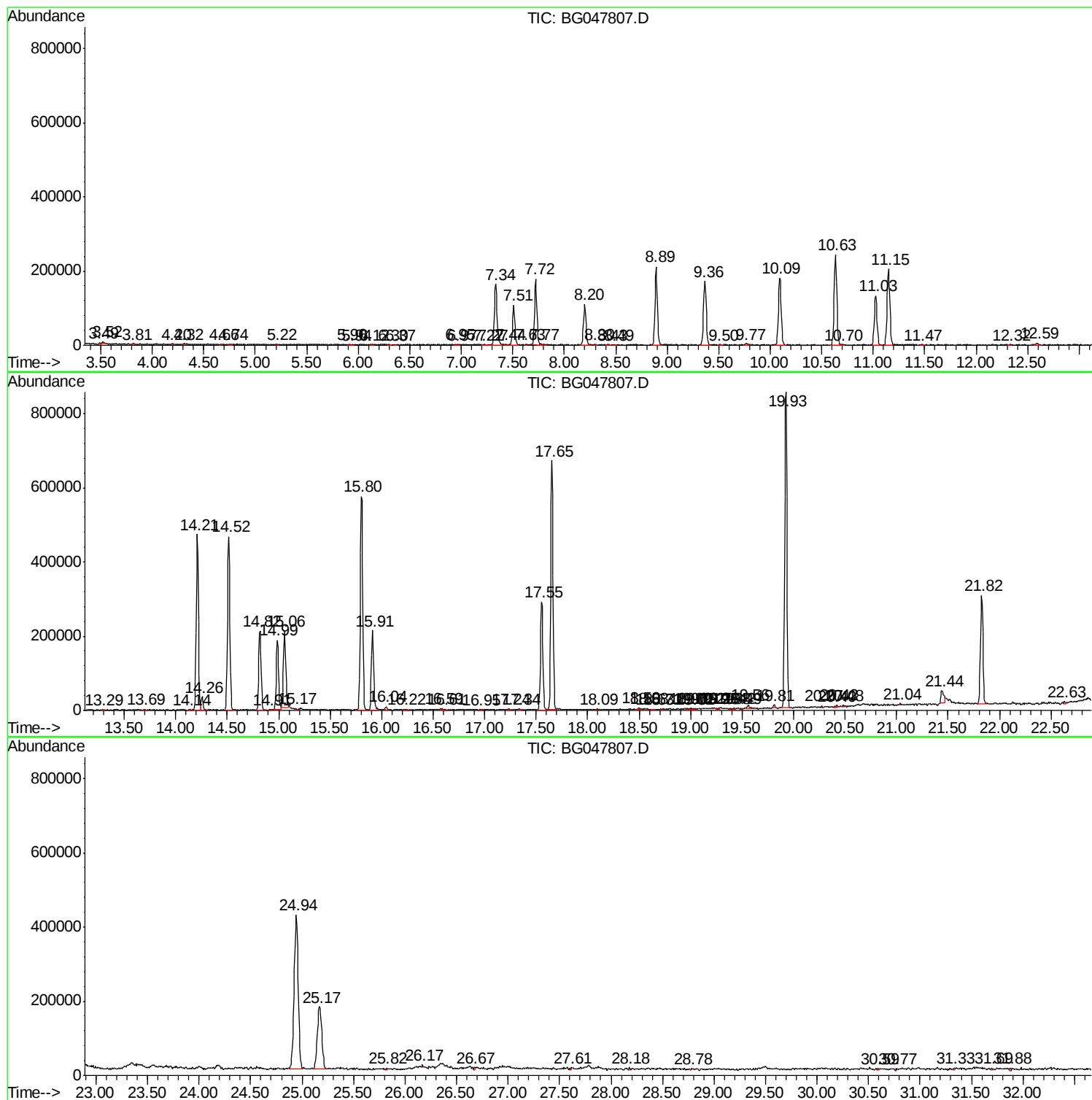
Sum of corrected areas: 11839749

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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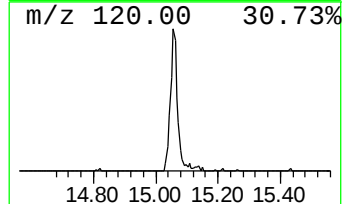
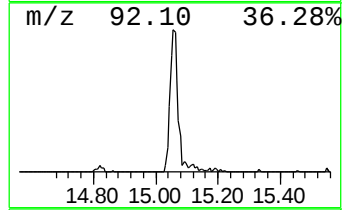
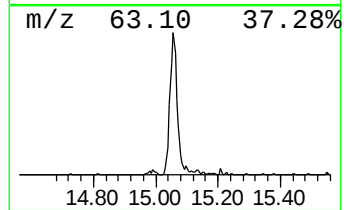
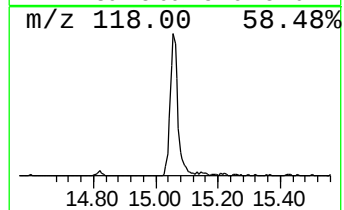
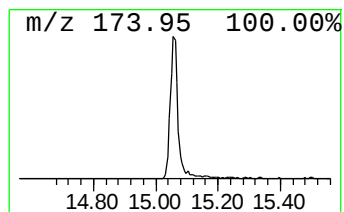
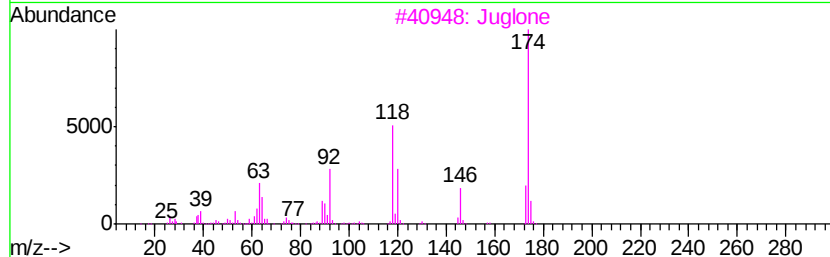
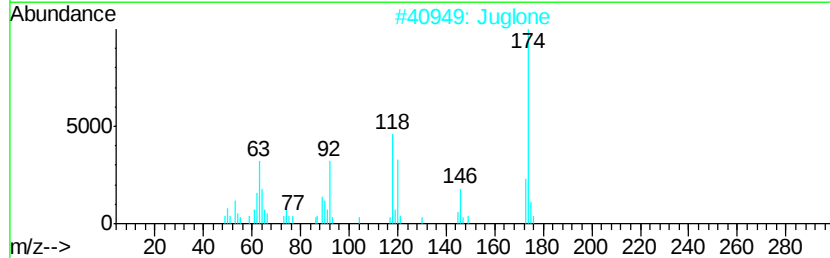
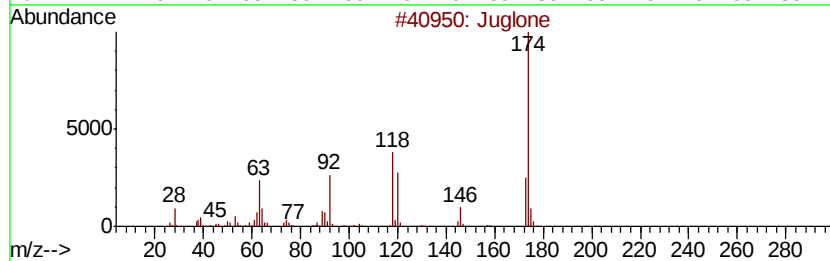
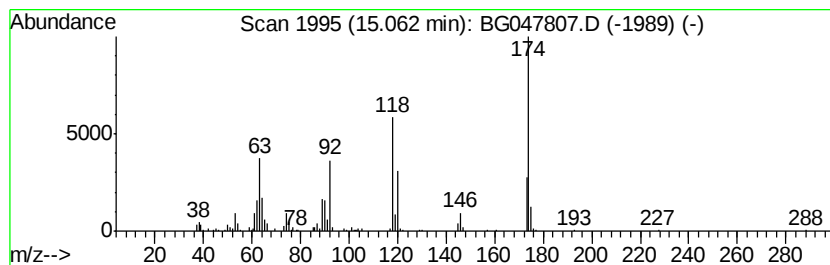
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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.
15.06	19.16 ng/ul	331891	Acenaphthene-d10	14.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Juglone	174 C10H6O3	000481-39-0	97
2	Juglone	174 C10H6O3	000481-39-0	94
3	Juglone	174 C10H6O3	000481-39-0	64
4	Benzofuran	118 C8H6O	000271-89-6	58
5	Benzofuran	118 C8H6O	000271-89-6	58



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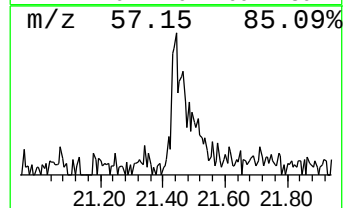
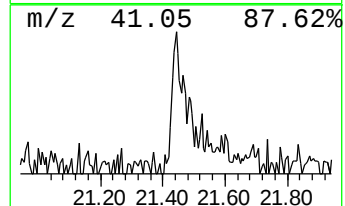
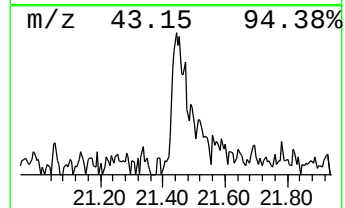
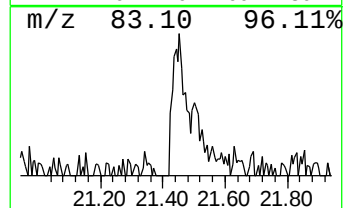
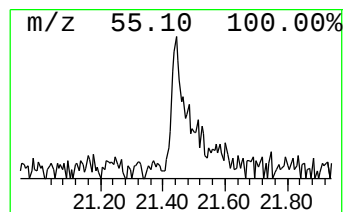
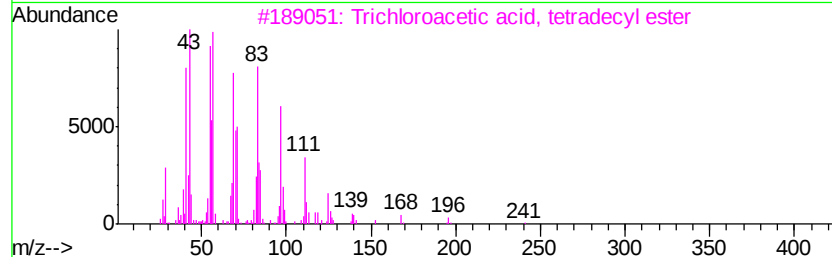
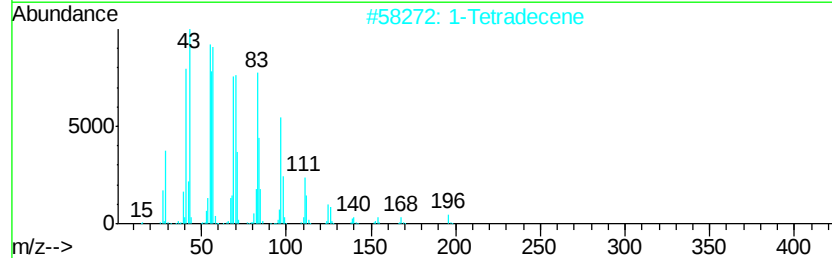
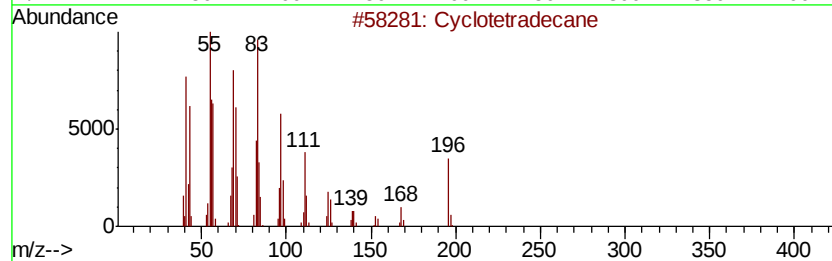
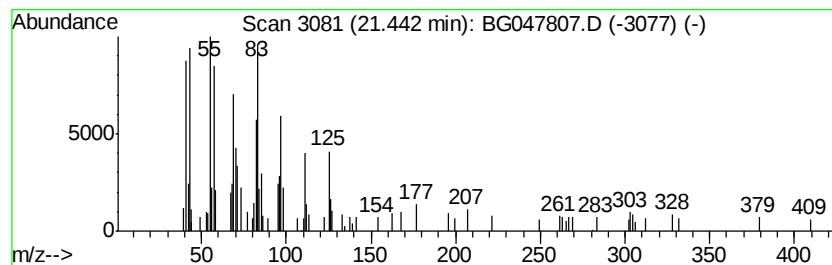
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic21.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.44	2.64 ng/ul	65825	Chrysene-d12	21.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	68
2	1-Tetradecene	196	C14H28	001120-36-1	64
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	58
4	Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	53
5	1-Tetradecene	196	C14H28	001120-36-1	52



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Juglone	15.06	19.2	ng/ul	331891	3	14.82	346434	20.0
(DEL) Alkane: Cyc...	21.44	2.6	ng/ul	65825	5	21.82	498280	20.0