

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
 Data File : BG024303.D
 Acq On : 12 Oct 2016 16:15
 Operator : UM/SJ
 Sample : H5145-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN83

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	3.645	134	137	144	rVB7	27898	54052	1.19%	0.103%
2	4.186	225	229	236	rVB9	27073	57423	1.26%	0.110%
3	4.245	236	239	240	rBV3	13524	15208	0.33%	0.029%
4	4.627	301	304	308	rBV6	14910	14001	0.31%	0.027%
5	5.355	422	428	436	rVB	51062	96866	2.13%	0.185%
6	5.790	500	502	508	rVB5	8748	13166	0.29%	0.025%
7	6.272	580	584	587	rVB5	10217	14527	0.32%	0.028%
8	6.372	599	601	603	rVB2	14472	13200	0.29%	0.025%
9	6.548	627	631	634	rBV5	11775	17045	0.37%	0.033%
10	6.636	640	646	648	rBV6	8576	15646	0.34%	0.030%
11	6.677	650	653	659	rVB6	12937	16817	0.37%	0.032%
12	6.889	685	689	691	rBV4	11119	13215	0.29%	0.025%
13	7.218	742	745	749	rVB6	9530	12381	0.27%	0.024%
14	7.418	765	779	790	rBV	536967	1032540	22.66%	1.976%
15	7.606	801	811	818	rBV	348767	615871	13.52%	1.179%
16	7.811	836	846	858	rVB2	461668	844148	18.53%	1.615%
17	8.287	917	927	937	rBV2	544854	1060300	23.27%	2.029%
18	8.975	1032	1044	1056	rBV	536294	979847	21.51%	1.875%
19	9.121	1061	1069	1079	rVB4	35092	80658	1.77%	0.154%
20	9.339	1104	1106	1110	rBV5	8396	12298	0.27%	0.024%
21	9.462	1118	1127	1134	rBV2	496271	946733	20.78%	1.812%
22	9.521	1134	1137	1143	rVB5	35628	53557	1.18%	0.102%
23	9.609	1151	1152	1158	rVB6	12774	16107	0.35%	0.031%
24	9.674	1159	1163	1169	rVB5	8402	15763	0.35%	0.030%
25	9.815	1184	1187	1193	rVB7	13942	21354	0.47%	0.041%
26	10.191	1241	1251	1261	rBV2	435361	836928	18.37%	1.602%
27	10.514	1302	1306	1308	rBV4	15091	20905	0.46%	0.040%
28	10.661	1327	1331	1333	rBV4	9632	15550	0.34%	0.030%
29	10.720	1333	1341	1353	rVV	749025	1351456	29.66%	2.586%
30	10.890	1366	1370	1381	rVB9	11737	27802	0.61%	0.053%
31	11.119	1399	1409	1418	rVB	862136	1585894	34.81%	3.035%
32	11.242	1422	1430	1444	rVB	551905	1062097	23.31%	2.032%
33	11.460	1462	1467	1469	rBV6	10042	15730	0.35%	0.030%
34	11.624	1492	1495	1501	rVB7	10174	19217	0.42%	0.037%

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35	11.795	1520	1524	1528	rBV5	10428	13746	0.30%	0.026%
36	11.848	1528	1533	1535	rBV6	14375	16826	0.37%	0.032%
37	12.077	1570	1572	1576	rVB3	9806	13753	0.30%	0.026%
38	12.200	1586	1593	1597	rBV9	6121	12228	0.27%	0.023%
39	12.576	1649	1657	1659	rBV9	10261	25638	0.56%	0.049%
40	12.670	1667	1673	1679	rBV9	20585	38020	0.83%	0.073%
41	12.864	1703	1706	1709	rBV5	10690	12387	0.27%	0.024%
42	13.698	1843	1848	1854	rVB7	10794	21037	0.46%	0.040%
43	13.775	1854	1861	1869	rBV7	26974	52076	1.14%	0.100%
44	13.963	1888	1893	1896	rBV5	8699	12599	0.28%	0.024%
45	14.298	1941	1950	1954	rBV	1510151	2240836	49.18%	4.288%
46	14.345	1954	1958	1968	rVB	963606	1378916	30.27%	2.639%
47	14.603	1992	2002	2010	rVV	1507743	2452780	53.83%	4.694%
48	14.756	2024	2028	2033	rBV4	24431	34054	0.75%	0.065%
49	14.903	2046	2053	2062	rVB	1544123	2431515	53.37%	4.653%
50	14.962	2062	2063	2071	rVB7	13933	21385	0.47%	0.041%
51	15.062	2071	2080	2092	rBV	772028	1289717	28.31%	2.468%
52	15.385	2131	2135	2139	rVB6	13540	21825	0.48%	0.042%
53	15.438	2142	2144	2148	rVB4	13045	17154	0.38%	0.033%
54	15.555	2160	2164	2168	rBV7	11148	13981	0.31%	0.027%
55	15.596	2168	2171	2174	rVB5	11673	13682	0.30%	0.026%
56	15.667	2177	2183	2185	rBV7	15221	29817	0.65%	0.057%
57	15.708	2185	2190	2195	rVB2	83852	104001	2.28%	0.199%
58	15.849	2209	2214	2216	rBV	146097	203405	4.46%	0.389%
59	15.890	2216	2221	2230	rVV	2168843	3341943	73.35%	6.395%
60	15.990	2230	2238	2247	rVV	711909	1091799	23.96%	2.089%
61	16.113	2251	2259	2268	rVB9	44356	144616	3.17%	0.277%
62	16.207	2273	2275	2279	rVB5	10320	12564	0.28%	0.024%
63	16.266	2280	2285	2291	rVB10	19001	39430	0.87%	0.075%
64	16.331	2291	2296	2299	rBV7	16119	25936	0.57%	0.050%
65	16.401	2303	2308	2313	rBV7	13359	32484	0.71%	0.062%
66	16.495	2321	2324	2326	rBV3	15553	15553	0.34%	0.030%
67	16.519	2326	2328	2331	rVV4	15782	15186	0.33%	0.029%
68	16.566	2331	2336	2346	rVV2	108264	220635	4.84%	0.422%
69	16.830	2377	2381	2389	rBV9	15783	28727	0.63%	0.055%
70	16.901	2391	2393	2397	rBV5	18321	21200	0.47%	0.041%
71	17.000	2402	2410	2413	rBV10	13003	31307	0.69%	0.060%

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72	17.071	2419	2422	2426	rVB5	15410	18213	0.40%	0.035%
73	17.130	2429	2432	2435	rBV5	14224	18268	0.40%	0.035%
74	17.353	2465	2470	2476	rBV2	76885	120774	2.65%	0.231%
75	17.412	2476	2480	2490	rVB10	23505	67499	1.48%	0.129%
76	17.494	2490	2494	2502	rBV8	35664	62576	1.37%	0.120%
77	17.564	2502	2506	2510	rBV7	15519	26087	0.57%	0.050%
78	17.647	2510	2520	2530	rBV2	1800363	3006948	66.00%	5.754%
79	17.741	2530	2536	2546	rVB2	2352525	3640079	79.89%	6.966%
80	17.976	2573	2576	2584	rVB10	12062	20934	0.46%	0.040%
81	18.099	2592	2597	2600	rBV7	14865	22586	0.50%	0.043%
82	18.375	2636	2644	2649	rBV7	47358	94558	2.08%	0.181%
83	18.428	2649	2653	2658	rVV4	73084	116055	2.55%	0.222%
84	18.487	2658	2663	2672	rVV	439948	599127	13.15%	1.146%
85	18.651	2690	2691	2695	rBV4	14338	13216	0.29%	0.025%
86	18.781	2705	2713	2721	rBV4	49437	119226	2.62%	0.228%
87	19.010	2749	2752	2758	rBV7	16512	34358	0.75%	0.066%
88	19.151	2772	2776	2778	rBV5	21981	35938	0.79%	0.069%
89	19.427	2817	2823	2829	rVB10	29374	61662	1.35%	0.118%
90	19.633	2855	2858	2870	rVB5	75375	192876	4.23%	0.369%
91	19.744	2872	2877	2885	rBV4	196991	279554	6.14%	0.535%
92	19.903	2899	2904	2908	rBV5	41094	70453	1.55%	0.135%
93	20.015	2912	2923	2931	rBV	2941903	4556130	100.00%	8.719%
94	20.144	2939	2945	2955	rBV	1104422	1387404	30.45%	2.655%
95	20.496	3002	3005	3009	rVB6	44434	60290	1.32%	0.115%
96	20.996	3087	3090	3095	rBV6	58530	85220	1.87%	0.163%
97	21.530	3176	3181	3189	rVB5	174040	284283	6.24%	0.544%
98	21.942	3244	3251	3259	rBV	1829674	3292354	72.26%	6.300%
99	25.150	3787	3797	3811	rVB2	1429333	4201602	92.22%	8.040%
100	25.391	3827	3838	3851	rBV2	1066951	3307784	72.60%	6.330%

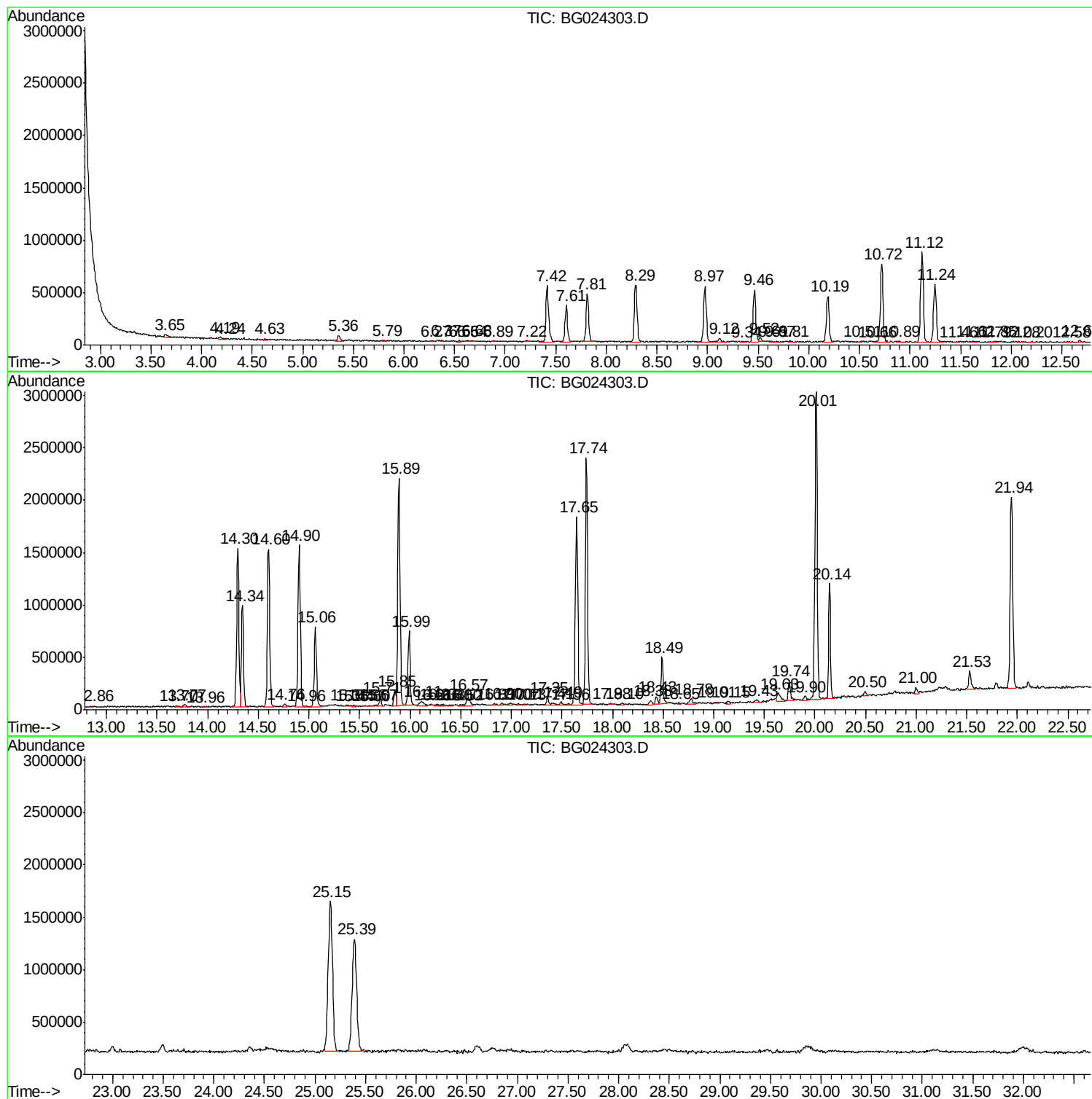
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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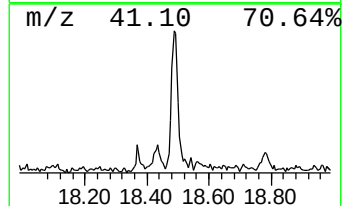
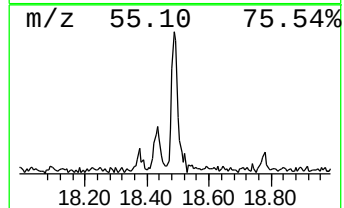
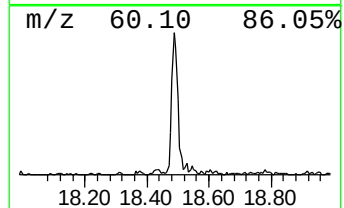
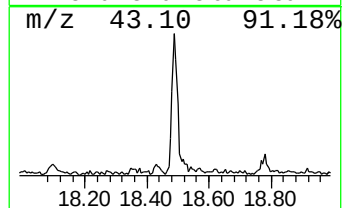
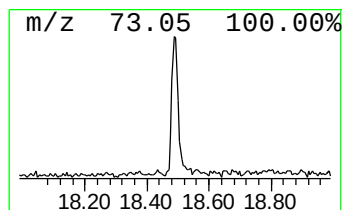
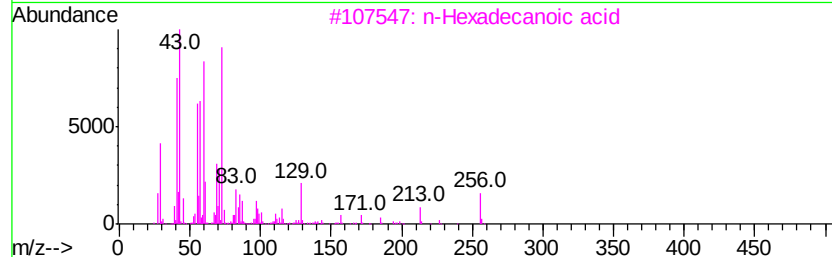
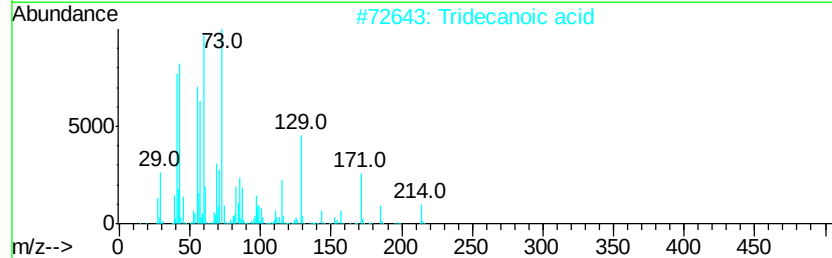
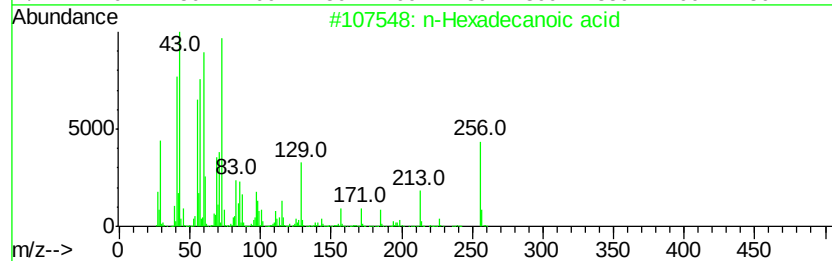
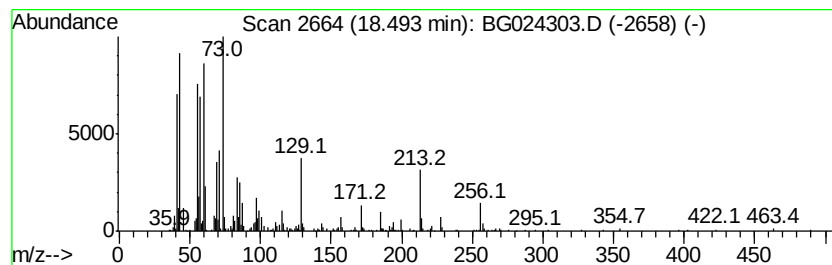
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	3.98 ng/ul	599127	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



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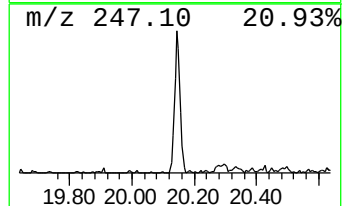
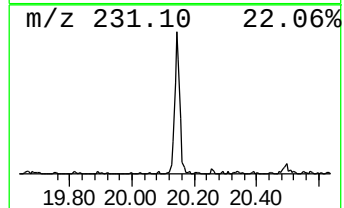
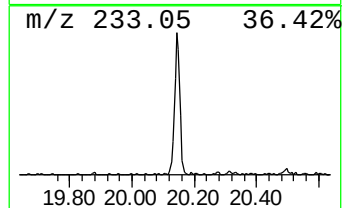
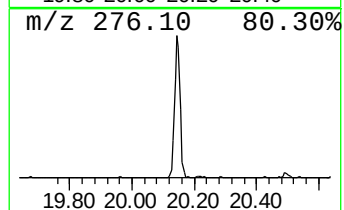
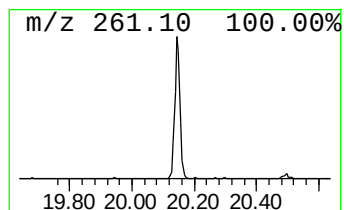
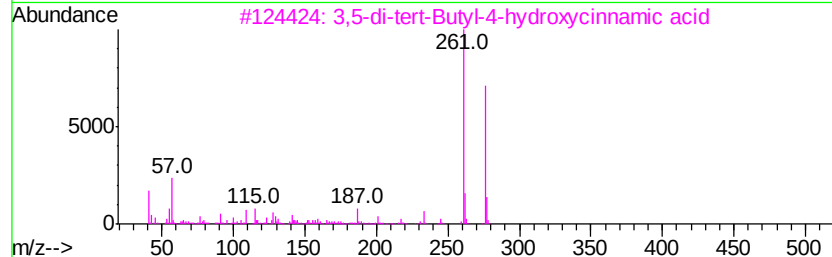
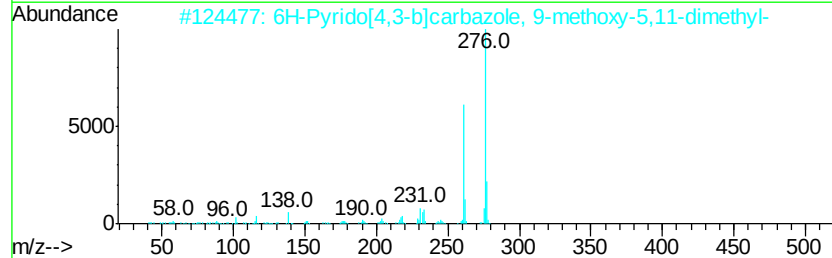
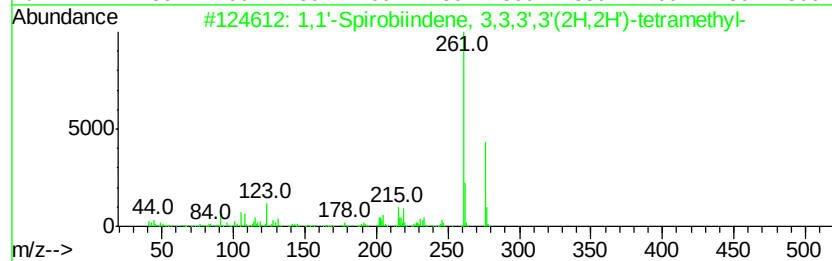
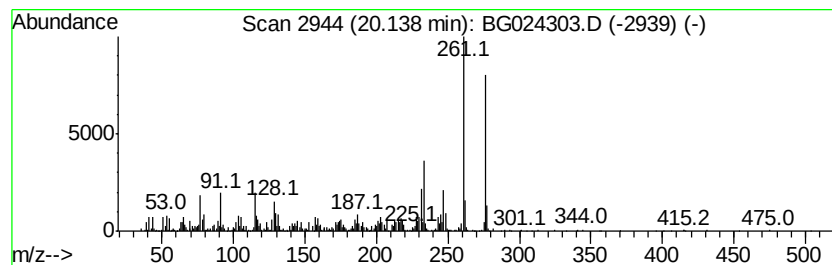
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 1,1'-Spirobiindene, 3,3,3',... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	8.43 ng/ul	1387400	Chrysene-d12	21.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Spirobiindene, 3,3,3',3'(2H...	276	C21H24	058343-29-6	64
2		6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	64
3		3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	64
4		3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	58
5		3-t-Butyl-4,5-diphenyl-1H-pyrazole	276	C19H20N2	105532-99-8	52



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.49	4.0	ng/ul	599127	4	17.65	3006950	20.0
1,1'-Spirobiinden...	20.14	8.4	ng/ul	1387400	5	21.94	3292350	20.0