

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025126.D
 Acq On : 12 Dec 2016 22:42
 Operator : UM/SJ
 Sample : H5990-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P006-SS005-0106-04

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-BG113016.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	3.420	96	99	103	rVB5	7061	9764	0.38%	0.031%
2	3.590	124	128	138	rVB7	13463	26444	1.02%	0.083%
3	3.813	162	166	170	rVV5	8275	12381	0.48%	0.039%
4	4.119	215	218	228	rBV7	10356	25782	0.99%	0.081%
5	4.248	237	240	243	rVB4	8589	9802	0.38%	0.031%
6	4.354	254	258	263	rBV5	7642	14984	0.58%	0.047%
7	4.630	301	305	307	rBV5	9409	11711	0.45%	0.037%
8	5.206	399	403	406	rBV4	6646	9018	0.35%	0.028%
9	5.312	412	421	424	rBV6	9665	23753	0.91%	0.074%
10	5.370	429	431	434	rBV3	8124	8533	0.33%	0.027%
11	5.746	492	495	502	rVB5	7317	13301	0.51%	0.042%
12	5.899	517	521	527	rBV6	6194	11864	0.46%	0.037%
13	6.075	546	551	552	rVB5	6825	9607	0.37%	0.030%
14	6.193	566	571	573	rBV4	8150	13913	0.53%	0.043%
15	6.351	591	598	604	rBV9	5956	16850	0.65%	0.053%
16	6.816	673	677	681	rBV4	5930	10765	0.41%	0.034%
17	7.386	765	774	789	rBV2	324133	733499	28.17%	2.292%
18	7.556	796	803	811	rBV	206476	366929	14.09%	1.146%
19	7.638	815	817	823	rVB5	6058	7837	0.30%	0.024%
20	7.768	830	839	853	rBV	289985	544693	20.92%	1.702%
21	8.102	893	896	901	rBV4	5203	10749	0.41%	0.034%
22	8.238	909	919	928	rBV	408612	737063	28.31%	2.303%
23	8.408	944	948	954	rBV5	5246	9469	0.36%	0.030%
24	8.578	974	977	981	rVB3	9084	13067	0.50%	0.041%
25	8.614	981	983	985	rBV2	8173	7673	0.29%	0.024%
26	8.937	1030	1038	1050	rBV2	388794	759239	29.16%	2.372%
27	9.195	1079	1082	1087	rVB5	7624	11032	0.42%	0.034%
28	9.418	1110	1120	1129	rBV	312798	599493	23.03%	1.873%
29	9.489	1130	1132	1135	rVB4	9204	8044	0.31%	0.025%
30	9.736	1170	1174	1175	rBV2	9193	9430	0.36%	0.029%
31	9.818	1186	1188	1190	rBV3	7831	8042	0.31%	0.025%
32	9.918	1200	1205	1209	rBV4	7403	13666	0.52%	0.043%
33	10.141	1236	1243	1254	rVB2	291274	569981	21.89%	1.781%
34	10.235	1254	1259	1264	rBV6	6303	15125	0.58%	0.047%

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35	10.388	1283	1285	1292	rBV5	6088	11450	0.44%	0.036%
36	10.682	1323	1335	1355	rBV2	429137	848194	32.58%	2.650%
37	11.064	1390	1400	1415	rBV	614415	1180160	45.33%	3.687%
38	11.205	1415	1424	1440	rBV2	321430	678048	26.04%	2.118%
39	12.168	1587	1588	1597	rBV7	5754	14366	0.55%	0.045%
40	12.321	1607	1614	1616	rVB5	5232	9712	0.37%	0.030%
41	12.403	1625	1628	1630	rBV4	8580	9161	0.35%	0.029%
42	12.638	1663	1668	1672	rBV6	9135	17129	0.66%	0.054%
43	12.768	1688	1690	1693	rVB2	7088	8653	0.33%	0.027%
44	12.803	1693	1696	1699	rBV2	5484	8826	0.34%	0.028%
45	13.061	1736	1740	1744	rBV4	7104	8333	0.32%	0.026%
46	13.108	1744	1748	1752	rVB4	7571	10607	0.41%	0.033%
47	13.455	1800	1807	1811	rVB7	9788	23360	0.90%	0.073%
48	13.643	1838	1839	1845	rVB4	6231	8389	0.32%	0.026%
49	13.719	1845	1852	1857	rBV7	8541	22404	0.86%	0.070%
50	14.095	1914	1916	1921	rBV2	5035	7745	0.30%	0.024%
51	14.248	1935	1942	1947	rBV	753375	1182515	45.42%	3.694%
52	14.295	1947	1950	1957	rVB	111946	165018	6.34%	0.516%
53	14.477	1971	1981	1983	rBV8	8552	16284	0.63%	0.051%
54	14.560	1988	1995	2010	rVB	771601	1321272	50.75%	4.128%
55	14.701	2015	2019	2024	rBV6	14000	22593	0.87%	0.071%
56	14.859	2036	2046	2054	rBV	1022810	1637868	62.91%	5.117%
57	15.059	2073	2080	2096	rBV2	295437	641346	24.63%	2.004%
58	15.229	2104	2109	2114	rVB8	13132	20367	0.78%	0.064%
59	15.382	2133	2135	2141	rVB5	8671	11534	0.44%	0.036%
60	15.464	2147	2149	2154	rVB5	6881	10594	0.41%	0.033%
61	15.535	2154	2161	2163	rBV8	6871	13621	0.52%	0.043%
62	15.576	2163	2168	2173	rBV4	26752	42570	1.64%	0.133%
63	15.647	2176	2180	2187	rVB2	34024	49104	1.89%	0.153%
64	15.846	2203	2214	2225	rVB	1105908	1786375	68.62%	5.581%
65	15.964	2228	2234	2242	rBV	371034	608932	23.39%	1.902%
66	16.146	2264	2265	2269	rBV4	9363	10491	0.40%	0.033%
67	16.193	2270	2273	2278	rVB6	8983	15544	0.60%	0.049%
68	16.281	2284	2288	2291	rBV5	7277	9180	0.35%	0.029%
69	16.510	2322	2327	2338	rBV2	45192	92110	3.54%	0.288%
70	16.628	2344	2347	2350	rBV4	10719	11947	0.46%	0.037%
71	16.704	2357	2360	2367	rVB9	9944	21355	0.82%	0.067%

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72	16.763	2367	2370	2371	rBV2	8066	8600	0.33%	0.027%
73	16.963	2400	2404	2410	rVB9	12562	19306	0.74%	0.060%
74	17.186	2439	2442	2446	rBV5	9970	12054	0.46%	0.038%
75	17.297	2458	2461	2467	rBV2	32015	52523	2.02%	0.164%
76	17.603	2506	2513	2524	rBV2	1335404	2235572	85.87%	6.984%
77	17.703	2524	2530	2544	rVB2	1204541	1984911	76.24%	6.201%
78	17.920	2564	2567	2571	rVB6	10174	11916	0.46%	0.037%
79	17.961	2571	2574	2577	rBV5	8586	10842	0.42%	0.034%
80	17.997	2577	2580	2582	rBV4	14486	16891	0.65%	0.053%
81	18.108	2597	2599	2605	rBV6	13589	13675	0.53%	0.043%
82	18.191	2609	2613	2616	rVB6	12828	18119	0.70%	0.057%
83	18.214	2616	2617	2624	rVB7	9665	16530	0.63%	0.052%
84	18.273	2624	2627	2629	rBV4	10659	13549	0.52%	0.042%
85	18.443	2650	2656	2665	rBV2	217707	348913	13.40%	1.090%
86	18.520	2666	2669	2675	rVB5	35139	58348	2.24%	0.182%
87	18.655	2687	2692	2708	rBV5	26724	91513	3.52%	0.286%
88	18.960	2741	2744	2749	rBV7	19933	33820	1.30%	0.106%
89	19.013	2749	2753	2758	rVB4	31050	52547	2.02%	0.164%
90	19.366	2808	2813	2818	rBV9	20625	41739	1.60%	0.130%
91	19.642	2852	2860	2866	rVB	236400	402657	15.47%	1.258%
92	19.701	2866	2870	2877	rBV5	100657	155858	5.99%	0.487%
93	19.977	2910	2917	2927	rBV2	1459229	2540391	97.58%	7.937%
94	21.722	3211	3214	3221	rBV3	63507	90381	3.47%	0.282%
95	21.892	3235	3243	3250	rBV	1352474	2603431	100.00%	8.134%
96	23.384	3493	3497	3506	rVB10	104066	198682	7.63%	0.621%
97	24.225	3633	3640	3649	rBV5	155906	446818	17.16%	1.396%
98	25.077	3776	3785	3794	rBV	645788	1776872	68.25%	5.551%
99	25.318	3816	3826	3839	rVB2	711927	2155574	82.80%	6.735%
100	32.491	5037	5047	5070	rVB2	250456	1384939	53.20%	4.327%

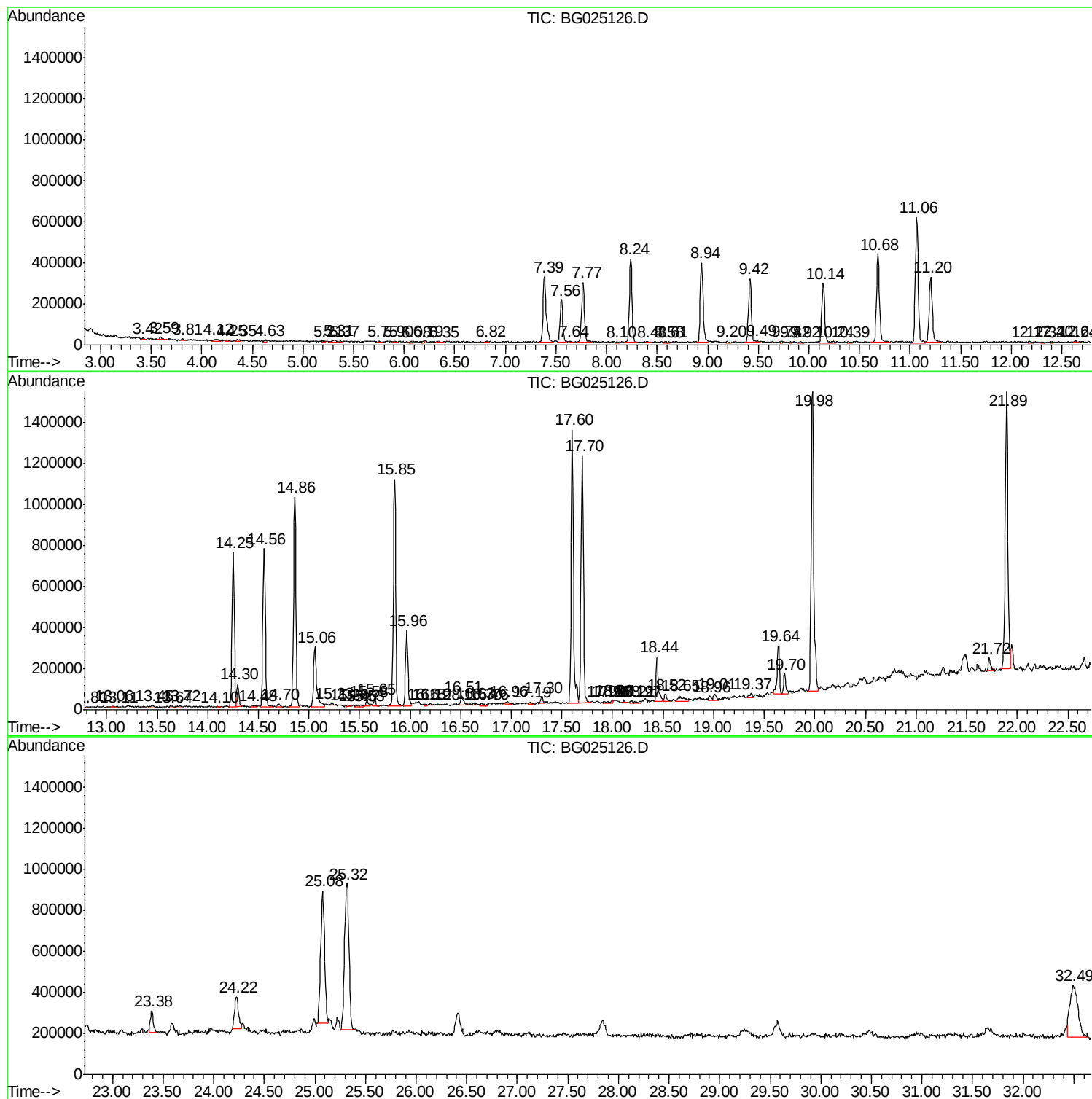
Sum of corrected areas: 32007631

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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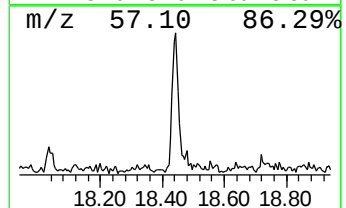
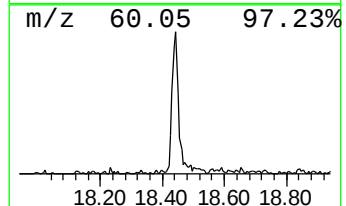
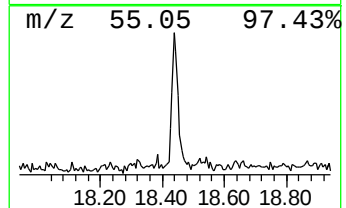
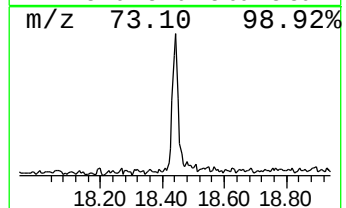
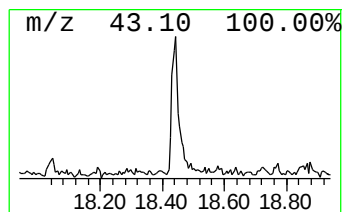
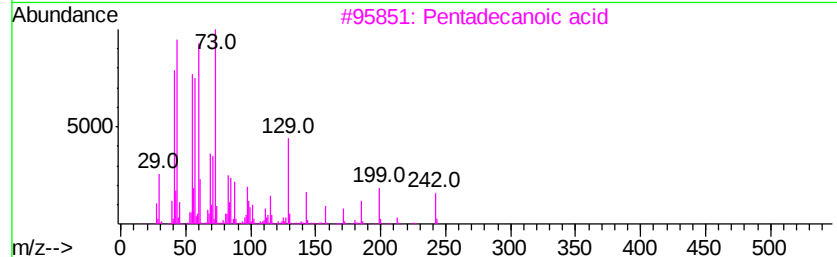
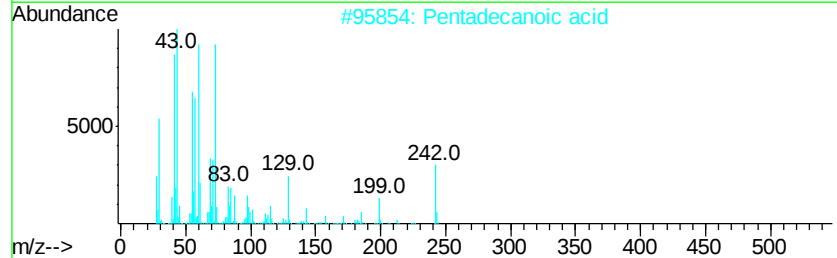
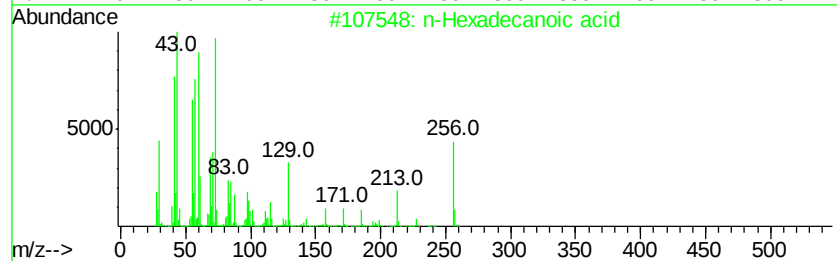
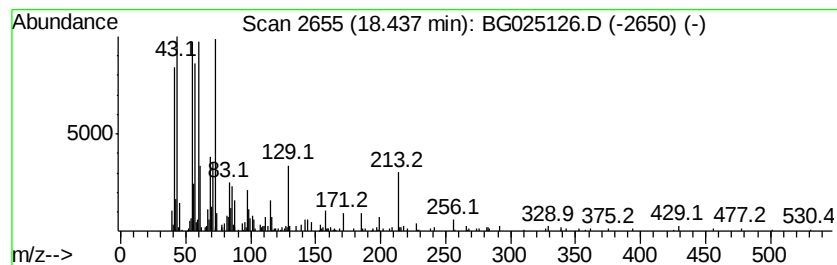
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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.
18.44	3.12 ng/ul	348913	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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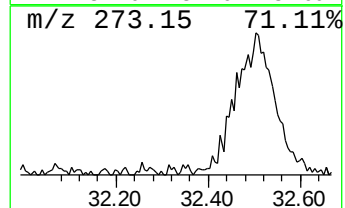
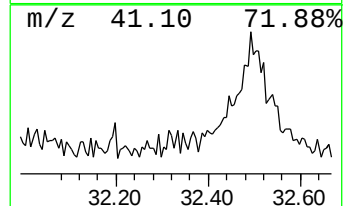
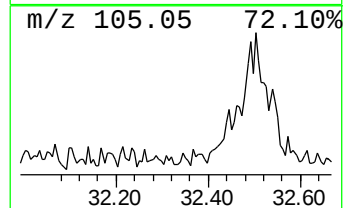
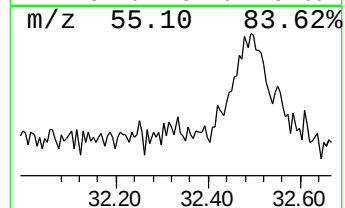
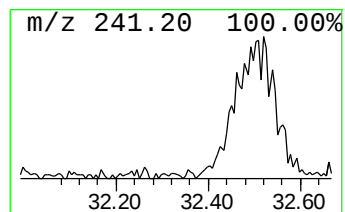
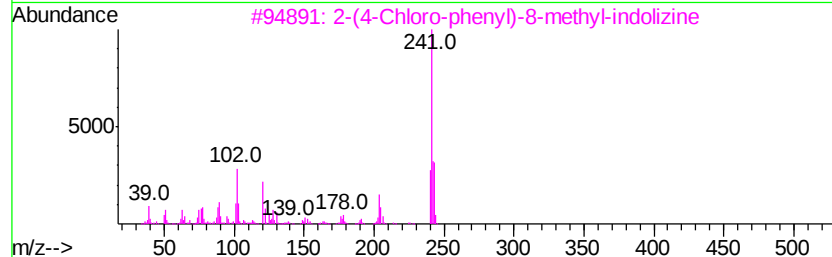
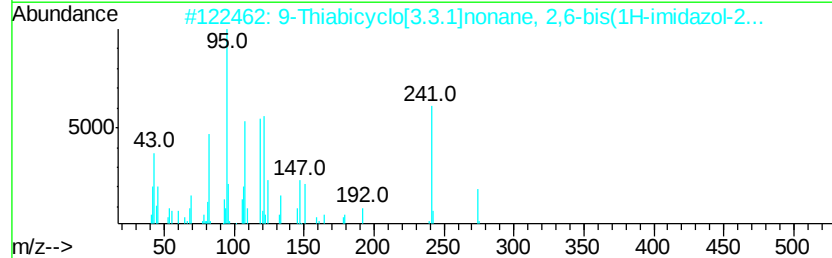
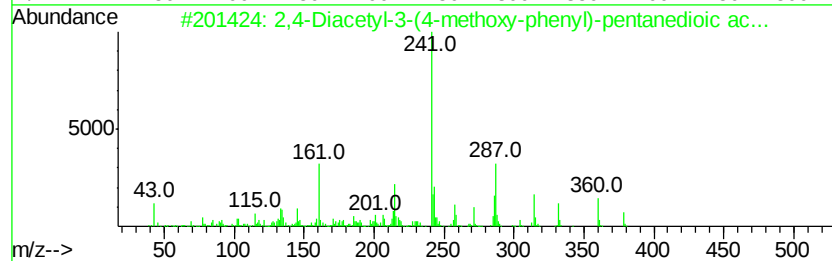
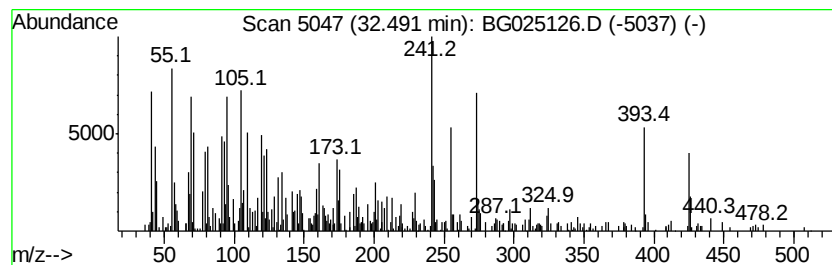
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.49	12.85 ng/ul	1384940	Perylene-d12	25.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Diacetyl-3-(4-methoxy-phenyl)...	378	C20H26O7	006630-90-6	25
2		9-Thiabicyclo[3.3.1]nonane, 2,6-...	274	C14H18N4S	1000141-52-1	20
3		2-(4-Chloro-phenyl)-8-methyl-ind...	241	C15H12ClN	1000337-21-4	15
4		1H-1,2,4-Triazole-3-carboxamide,...	255	C11H9N7O	1000338-08-5	11
5		Dibenzo[b,f]oxepin-3-amine, 10,1...	241	C15H15NO2	1000338-19-5	10



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.44	3.1	ng/ul	348913	4	17.60	2235570	20.0
unknown-01	32.49	12.9	ng/ul	1384940	6	25.32	2155570	20.0