

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
 Data File : BG022834.D
 Acq On : 3 Jul 2016 18:32
 Operator : UM/SJ
 Sample : H3844-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHZ4

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	4.304	246	249	251	rVB4	13044	10429	0.18%	0.017%
2	4.468	275	277	282	rBV5	6228	7937	0.13%	0.013%
3	4.791	329	332	335	rBV4	9793	12018	0.20%	0.019%
4	4.974	361	363	368	rBV5	6556	11056	0.19%	0.018%
5	6.777	666	670	672	rBV3	11882	13278	0.23%	0.021%
6	7.083	718	722	725	rBV5	5823	7897	0.13%	0.013%
7	7.306	752	760	772	rBV	810151	1460927	24.76%	2.348%
8	7.406	775	777	781	rBV3	5229	8329	0.14%	0.013%
9	7.477	782	789	800	rVB	578521	999099	16.93%	1.606%
10	7.688	818	825	836	rBV	736547	1337549	22.67%	2.150%
11	7.994	876	877	882	rVB4	7910	8247	0.14%	0.013%
12	8.158	899	905	914	rVB	519027	931931	15.79%	1.498%
13	8.381	939	943	944	rBV4	7799	9713	0.16%	0.016%
14	8.746	1003	1005	1010	rVB5	6993	8302	0.14%	0.013%
15	8.863	1018	1025	1035	rBV	1024123	1803111	30.56%	2.898%
16	9.081	1058	1062	1065	rBV4	6161	10546	0.18%	0.017%
17	9.327	1095	1104	1116	rBV	790294	1473235	24.97%	2.368%
18	9.421	1118	1120	1125	rVV6	12430	15980	0.27%	0.026%
19	9.480	1128	1130	1133	rVB3	10844	8837	0.15%	0.014%
20	9.662	1158	1161	1162	rVB3	11707	8828	0.15%	0.014%
21	9.674	1162	1163	1166	rBV3	8216	8141	0.14%	0.013%
22	9.891	1196	1200	1206	rVB6	8167	16983	0.29%	0.027%
23	9.956	1206	1211	1212	rBV4	8162	9117	0.15%	0.015%
24	10.056	1221	1228	1237	rBV2	756555	1332598	22.58%	2.142%
25	10.291	1263	1268	1270	rBV5	9269	11012	0.19%	0.018%
26	10.326	1270	1274	1277	rVB6	8032	9037	0.15%	0.015%
27	10.596	1313	1320	1333	rVB	1086924	1967492	33.34%	3.162%
28	10.984	1377	1386	1395	rBV	811055	1471239	24.93%	2.365%
29	11.119	1402	1409	1418	rBV	984391	1846251	31.29%	2.967%
30	12.565	1649	1655	1662	rVB7	21923	40597	0.69%	0.065%
31	12.770	1686	1690	1692	rBV5	6298	8522	0.14%	0.014%
32	12.952	1718	1721	1722	rBV3	7035	8132	0.14%	0.013%
33	13.058	1735	1739	1741	rVB4	8915	7809	0.13%	0.013%
34	13.152	1750	1755	1758	rBV4	12767	18386	0.31%	0.030%

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35	13.217	1762	1766	1770	rVB6	6607	10884	0.18%	0.017%
36	13.393	1794	1796	1801	rVB4	16093	19095	0.32%	0.031%
37	13.675	1838	1844	1848	rBV5	12392	24710	0.42%	0.040%
38	13.893	1878	1881	1887	rVB8	6576	11174	0.19%	0.018%
39	14.051	1907	1908	1912	rBV5	7435	8969	0.15%	0.014%
40	14.198	1924	1933	1937	rBV	2226376	3251774	55.11%	5.226%
41	14.239	1937	1940	1946	rVV	316334	450886	7.64%	0.725%
42	14.304	1949	1951	1958	rVB7	7902	15197	0.26%	0.024%
43	14.498	1976	1984	1991	rBV	2195581	3548396	60.13%	5.703%
44	14.668	2010	2013	2017	rBV5	15188	18377	0.31%	0.030%
45	14.803	2027	2036	2043	rBV2	1476317	2489867	42.19%	4.002%
46	14.991	2061	2068	2080	rBV	950929	1731406	29.34%	2.783%
47	15.185	2097	2101	2107	rBV8	17600	32130	0.54%	0.052%
48	15.361	2127	2131	2135	rBV7	6714	11746	0.20%	0.019%
49	15.620	2173	2175	2180	rVB2	26338	29422	0.50%	0.047%
50	15.673	2182	2184	2187	rBV4	6646	7961	0.13%	0.013%
51	15.790	2197	2204	2214	rBV	3090361	4843656	82.08%	7.785%
52	15.902	2216	2223	2230	rBV	1126612	1642957	27.84%	2.641%
53	16.031	2240	2245	2249	rVB4	48574	72049	1.22%	0.116%
54	16.131	2261	2262	2266	rVB4	12358	11464	0.19%	0.018%
55	16.442	2313	2315	2318	rBV4	7985	8298	0.14%	0.013%
56	16.484	2318	2322	2324	rBV4	35485	44623	0.76%	0.072%
57	16.924	2393	2397	2404	rVB6	46182	78433	1.33%	0.126%
58	16.995	2406	2409	2413	rBV5	20300	22544	0.38%	0.036%
59	17.277	2454	2457	2462	rBV	91839	120781	2.05%	0.194%
60	17.553	2497	2504	2512	rBV2	2058652	3188117	54.03%	5.124%
61	17.653	2514	2521	2528	rVV2	3159482	4983101	84.45%	8.009%
62	17.753	2535	2538	2541	rVB4	22637	28849	0.49%	0.046%
63	17.811	2546	2548	2549	rBV2	18211	13279	0.23%	0.021%
64	18.023	2580	2584	2589	rVB	68795	86890	1.47%	0.140%
65	18.199	2610	2614	2616	rBV5	12976	20054	0.34%	0.032%
66	18.293	2627	2630	2635	rBV7	41880	71307	1.21%	0.115%
67	18.417	2646	2651	2661	rBV2	341731	527317	8.94%	0.848%
68	18.904	2732	2734	2736	rBV3	9797	8617	0.15%	0.014%
69	19.339	2806	2808	2810	rVB3	15560	10145	0.17%	0.016%
70	19.568	2843	2847	2852	rVB3	61076	91839	1.56%	0.148%
71	19.680	2863	2866	2873	rBV5	97087	146901	2.49%	0.236%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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72	19.821	2887	2890	2894	rVB2	38448	55385	0.94%	0.089%
73	19.933	2903	2909	2917	rBV	4031084	5900991	100.00%	9.484%
74	21.466	3165	3170	3173	rBV6	55591	116298	1.97%	0.187%
75	21.854	3229	3236	3244	rVB2	2238958	3756232	63.65%	6.037%
76	23.587	3526	3531	3538	rVB	326962	606881	10.28%	0.975%
77	24.991	3760	3770	3786	rVB	1976864	5639573	95.57%	9.064%
78	25.226	3799	3810	3821	rVB2	1214549	3557419	60.29%	5.718%

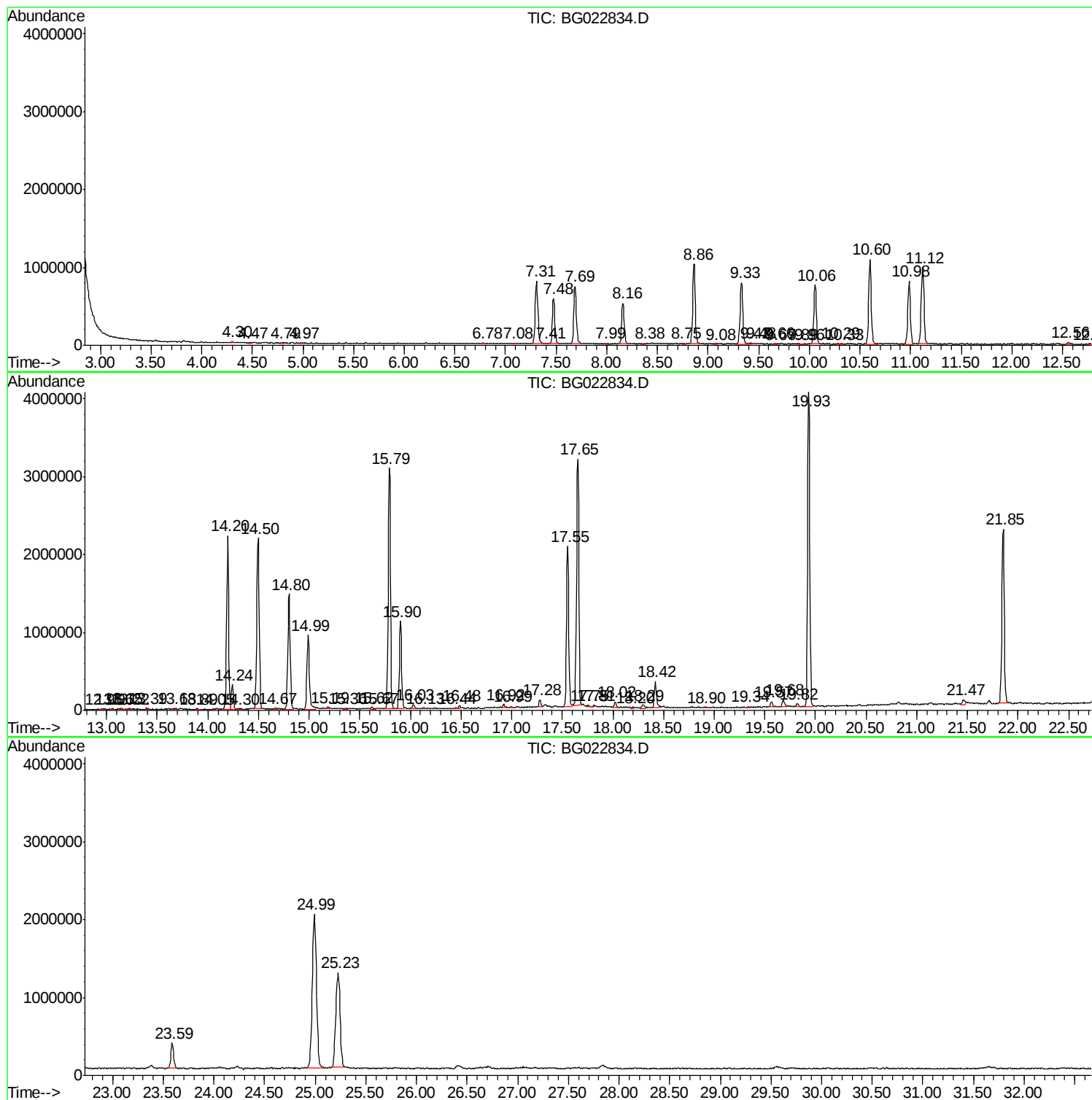
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



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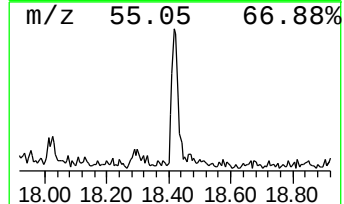
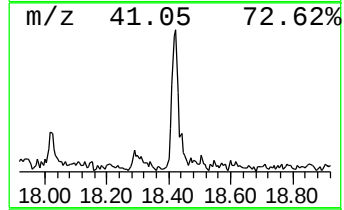
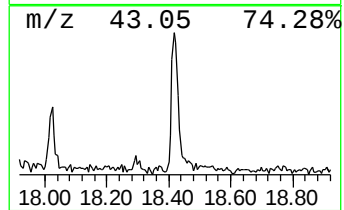
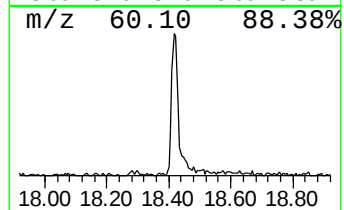
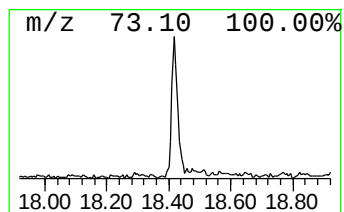
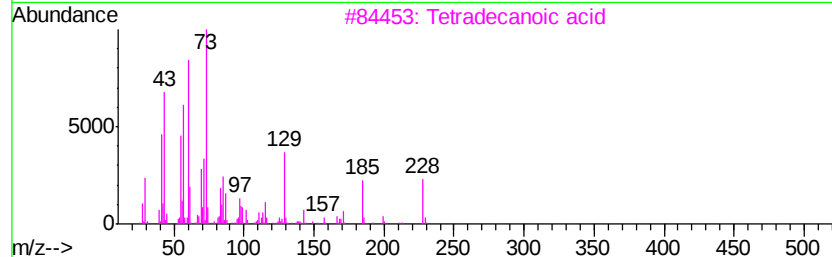
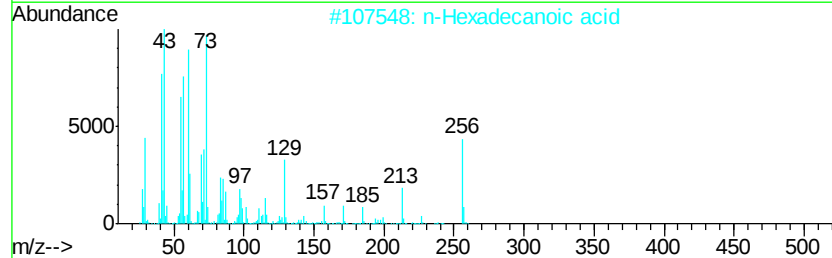
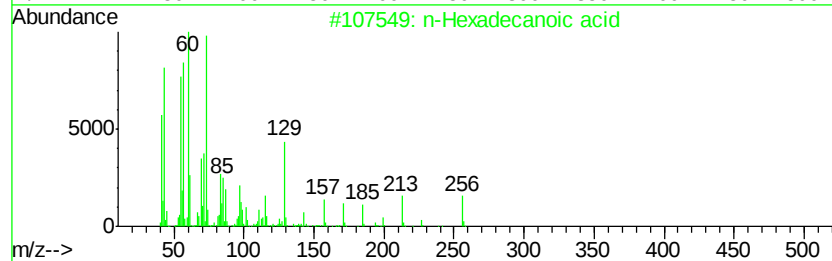
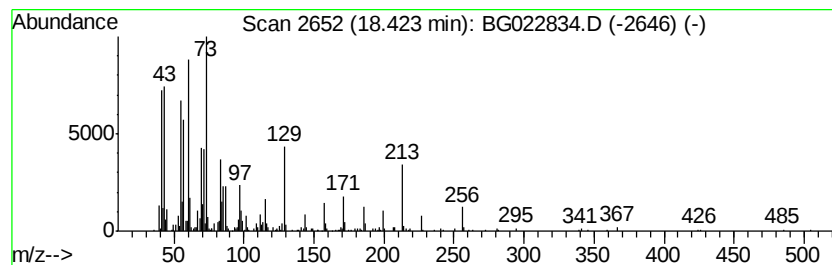
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.31 ng/ul	527317	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	59
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	52



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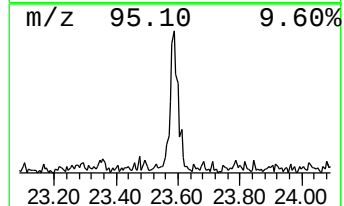
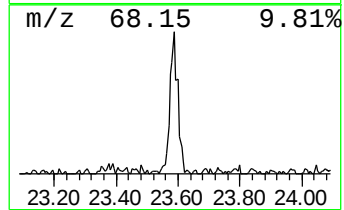
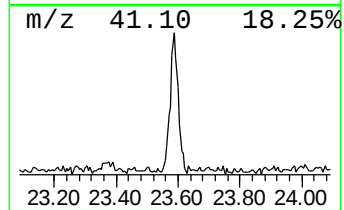
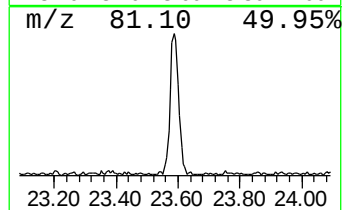
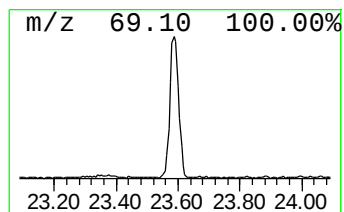
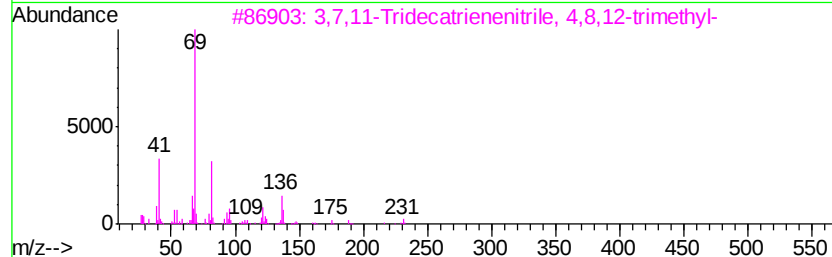
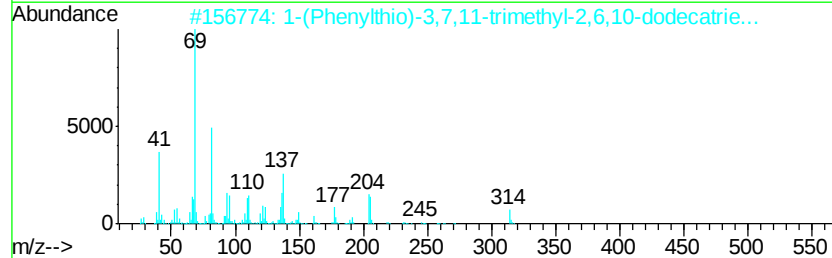
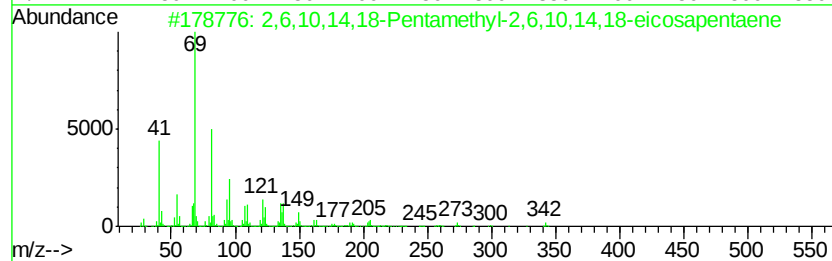
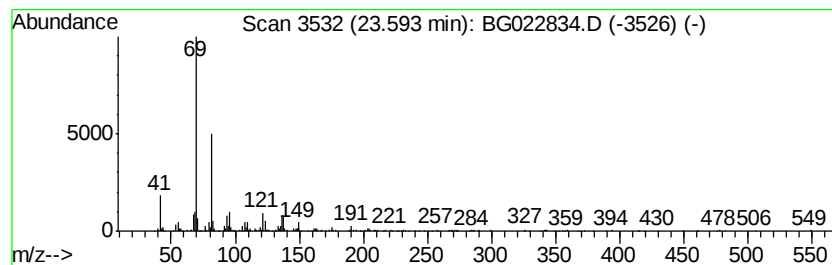
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 2,6,10,14,18-Pentamethyl-2,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	3.41 ng/ul	606881	Perylene-d12	25.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	87		
2	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	72		
3	3,7,11-Tridecatrienitrile, 4,8...	231	C16H25N	006006-01-5	64		
4	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	035665-90-8	58		
5	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	56		



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.42	3.3	ng/ul	527317	4	17.55	3188120	20.0
2,6,10,14,18-Pent...	23.59	3.4	ng/ul	606881	6	25.23	3557420	20.0