

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021854.D
 Acq On : 11 May 2016 21:40
 Operator : UM/SJ
 Sample : H2937-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9X99

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-BG050916.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	3.194	58	60	65	rBV4	1187	2368	0.19%	0.015%
2	3.252	67	70	76	rVB4	7205	11623	0.95%	0.075%
3	3.346	82	86	90	rVB5	3068	4551	0.37%	0.029%
4	3.564	119	123	127	rBV4	6742	11338	0.92%	0.073%
5	4.099	208	214	217	rBV3	5917	9669	0.79%	0.063%
6	4.328	249	253	258	rBV3	2457	4085	0.33%	0.026%
7	5.268	409	413	416	rVB4	1415	1905	0.16%	0.012%
8	5.808	502	505	508	rBV4	1195	1949	0.16%	0.013%
9	6.854	678	683	689	rVB5	2561	4843	0.39%	0.031%
10	7.166	730	736	743	rVB5	8030	15377	1.25%	0.100%
11	7.330	757	764	779	rBV	119171	255813	20.85%	1.658%
12	7.442	779	783	786	rVV3	2427	4027	0.33%	0.026%
13	7.500	786	793	803	rVV	100235	195244	15.91%	1.265%
14	7.612	807	812	818	rVV5	5519	11794	0.96%	0.076%
15	7.712	822	829	839	rVV	132805	261984	21.35%	1.698%
16	8.182	901	909	921	rBV	165656	339052	27.64%	2.197%
17	8.540	966	970	974	rBV4	1131	2027	0.17%	0.013%
18	8.887	1021	1029	1036	rBV	143481	298417	24.32%	1.934%
19	8.940	1036	1038	1046	rVB4	12842	22366	1.82%	0.145%
20	9.351	1100	1108	1117	rVV	107473	233396	19.02%	1.512%
21	9.445	1119	1124	1130	rVV6	7482	16161	1.32%	0.105%
22	9.727	1169	1172	1173	rBV2	1954	1909	0.16%	0.012%
23	9.745	1173	1175	1178	rVV3	2089	2281	0.19%	0.015%
24	10.080	1224	1232	1247	rBV	85304	188325	15.35%	1.220%
25	10.620	1315	1324	1340	rBV	163172	354984	28.93%	2.300%
26	11.002	1381	1389	1404	rVB	317759	639064	52.09%	4.141%
27	11.137	1404	1412	1429	rBV2	97396	246398	20.08%	1.597%
28	11.543	1476	1481	1482	rBV2	1159	1866	0.15%	0.012%
29	11.913	1539	1544	1545	rBV3	3157	4100	0.33%	0.027%
30	12.506	1640	1645	1650	rBV3	3470	6390	0.52%	0.041%
31	12.641	1664	1668	1670	rBV2	1856	2010	0.16%	0.013%
32	12.683	1670	1675	1676	rVV3	3233	4568	0.37%	0.030%
33	12.700	1676	1678	1684	rVB3	3140	4648	0.38%	0.030%
34	12.865	1701	1706	1709	rBV2	1911	2976	0.24%	0.019%

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35	13.564	1821	1825	1830	rVB4	1830	3569	0.29%	0.023%
36	13.611	1830	1833	1839	rBV3	3728	5946	0.48%	0.039%
37	13.676	1839	1844	1851	rVB5	30246	54175	4.42%	0.351%
38	13.869	1875	1877	1880	rBV	2379	2822	0.23%	0.018%
39	13.922	1880	1886	1888	rBV3	3877	5877	0.48%	0.038%
40	13.963	1888	1893	1899	rVB4	45674	75354	6.14%	0.488%
41	14.128	1916	1921	1927	rBV9	7047	13830	1.13%	0.090%
42	14.204	1927	1934	1938	rBV	348139	584199	47.62%	3.785%
43	14.251	1938	1942	1948	rVV	77962	130977	10.68%	0.849%
44	14.351	1949	1959	1966	rVV9	28704	56362	4.59%	0.365%
45	14.504	1977	1985	1993	rVV	457950	833090	67.90%	5.398%
46	14.639	2001	2008	2011	rBV5	13707	24152	1.97%	0.156%
47	14.680	2011	2015	2023	rVB	20770	34863	2.84%	0.226%
48	14.757	2023	2028	2030	rBV2	18248	26397	2.15%	0.171%
49	14.810	2030	2037	2043	rVV2	505279	918101	74.83%	5.949%
50	14.862	2043	2046	2051	rVB5	31992	47035	3.83%	0.305%
51	14.915	2051	2055	2063	rVB5	16769	32490	2.65%	0.211%
52	15.003	2063	2070	2082	rBV	50996	172158	14.03%	1.116%
53	15.103	2084	2087	2092	rVB5	11771	19805	1.61%	0.128%
54	15.291	2114	2119	2124	rBV7	7244	10938	0.89%	0.071%
55	15.362	2129	2131	2135	rVB5	4060	4640	0.38%	0.030%
56	15.579	2164	2168	2171	rBV5	4648	6129	0.50%	0.040%
57	15.626	2171	2176	2182	rVB2	29402	44875	3.66%	0.291%
58	15.691	2182	2187	2191	rBV7	8186	17728	1.44%	0.115%
59	15.797	2198	2205	2215	rVB	582648	1033402	84.23%	6.696%
60	15.908	2218	2224	2234	rVB	98091	172881	14.09%	1.120%
61	15.990	2234	2238	2240	rBV4	5873	7735	0.63%	0.050%
62	16.032	2240	2245	2249	rVB5	16368	27660	2.25%	0.179%
63	16.073	2249	2252	2256	rVB5	3374	3981	0.32%	0.026%
64	16.126	2256	2261	2266	rVB10	3543	6320	0.52%	0.041%
65	16.178	2268	2270	2273	rBV4	4073	4232	0.34%	0.027%
66	16.267	2278	2285	2289	rBV8	11431	23977	1.95%	0.155%
67	16.443	2308	2315	2318	rBV7	9602	14462	1.18%	0.094%
68	16.490	2318	2323	2331	rVV3	32456	71305	5.81%	0.462%
69	16.625	2344	2346	2347	rVV2	2667	2326	0.19%	0.015%
70	16.666	2351	2353	2356	rVB4	3178	2342	0.19%	0.015%
71	16.743	2361	2366	2367	rBV5	4532	4904	0.40%	0.032%

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72	16.760	2367	2369	2372	rVB4	3544	3264	0.27%	0.021%
73	16.831	2376	2381	2383	rBV5	3718	6269	0.51%	0.041%
74	16.995	2404	2409	2414	rBV8	4655	8519	0.69%	0.055%
75	17.054	2417	2419	2425	rVB7	2957	3511	0.29%	0.023%
76	17.160	2436	2437	2439	rBV2	2452	2078	0.17%	0.013%
77	17.248	2448	2452	2454	rBV4	8008	12333	1.01%	0.080%
78	17.277	2454	2457	2462	rVB2	17275	23417	1.91%	0.152%
79	17.324	2462	2465	2466	rBV3	7615	6439	0.52%	0.042%
80	17.495	2488	2494	2495	rBV5	6702	9041	0.74%	0.059%
81	17.547	2496	2503	2514	rVV	587375	1055851	86.06%	6.842%
82	17.647	2514	2520	2532	rVV	574390	1004976	81.91%	6.512%
83	17.741	2534	2536	2543	rVB8	7740	15229	1.24%	0.099%
84	18.018	2581	2583	2587	rVB4	8745	9546	0.78%	0.062%
85	18.194	2610	2613	2614	rBV3	4774	4293	0.35%	0.028%
86	18.211	2614	2616	2620	rVB5	3371	4672	0.38%	0.030%
87	18.300	2628	2631	2635	rBV5	6790	7573	0.62%	0.049%
88	18.341	2636	2638	2639	rBV2	3316	2069	0.17%	0.013%
89	18.417	2646	2651	2656	rBV8	27087	46250	3.77%	0.300%
90	18.458	2656	2658	2659	rBV2	5237	3946	0.32%	0.026%
91	18.705	2697	2700	2701	rBV3	5774	5527	0.45%	0.036%
92	19.328	2800	2806	2809	rBV8	15535	27445	2.24%	0.178%
93	19.592	2845	2851	2858	rBV	56079	93122	7.59%	0.603%
94	19.669	2858	2864	2870	rBV	40666	72277	5.89%	0.468%
95	19.921	2901	2907	2918	rBV	712541	1223119	99.69%	7.925%
96	20.444	2991	2996	3002	rBV	345544	457561	37.29%	2.965%
97	20.938	3076	3080	3089	rVB2	82367	133384	10.87%	0.864%
98	21.837	3226	3233	3248	rVB	586071	1202647	98.03%	7.793%
99	24.951	3755	3763	3782	rVB2	330042	1093181	89.10%	7.083%
100	25.186	3793	3803	3820	rVB2	376190	1226873	100.00%	7.950%

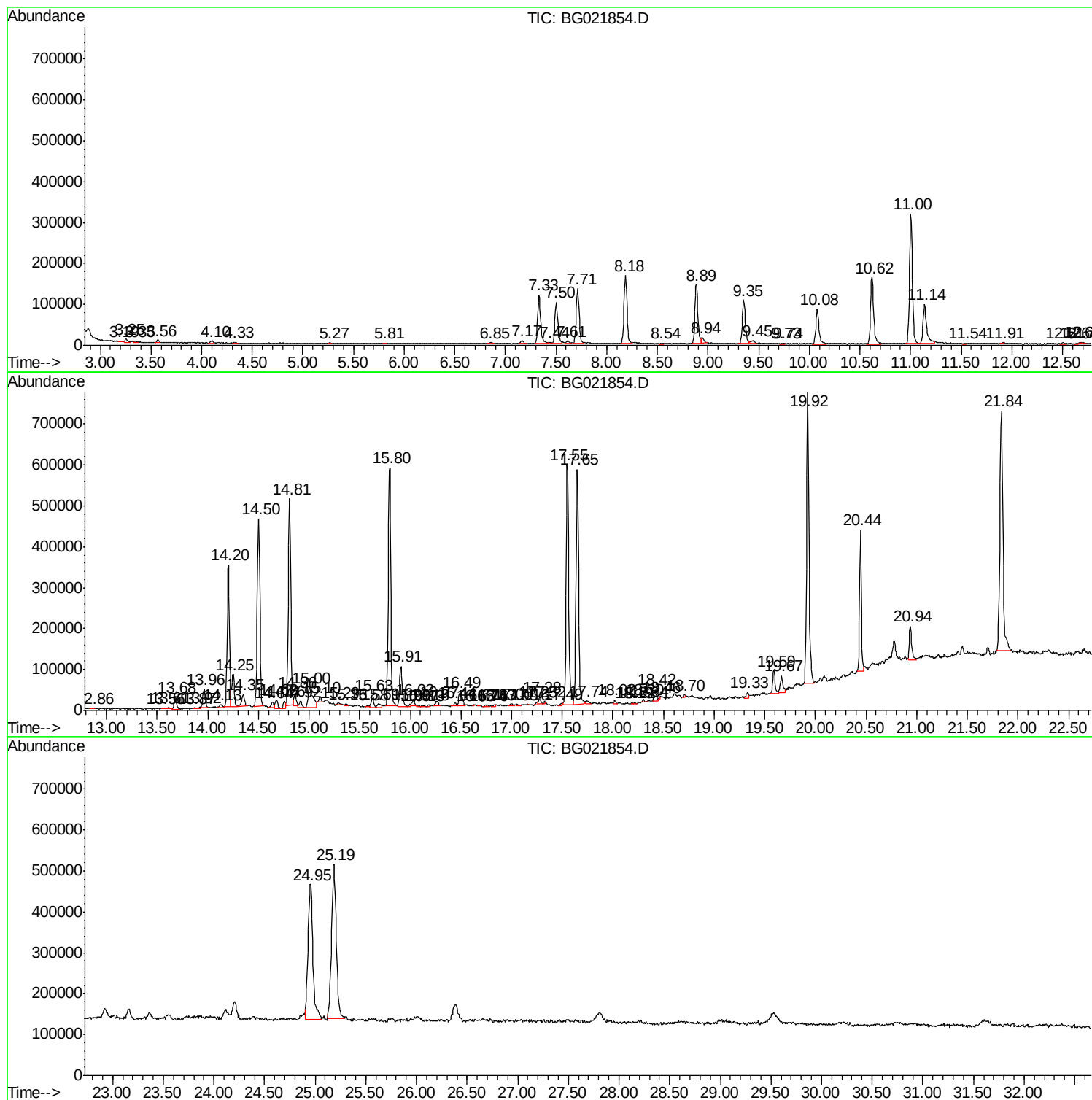
Sum of corrected areas: 15432959

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TIC Library : C:\DATABASE\NIST02.L
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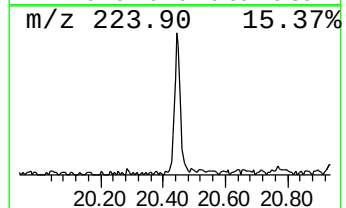
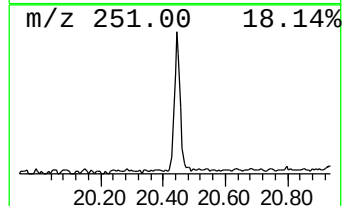
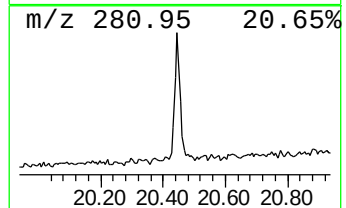
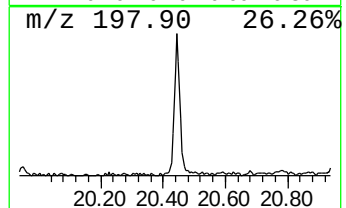
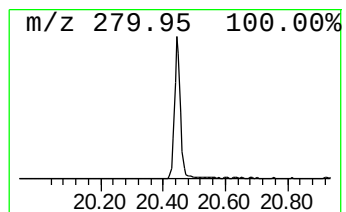
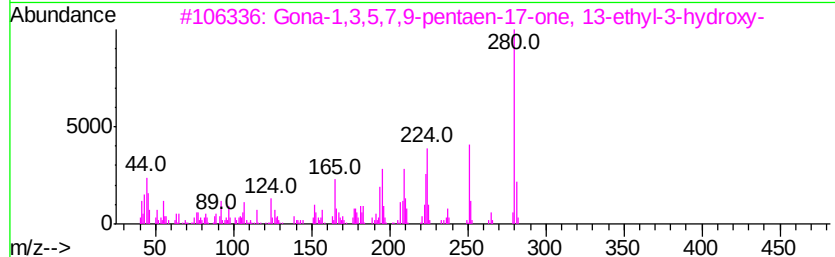
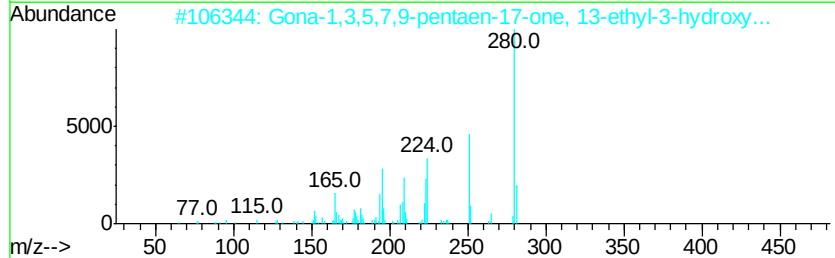
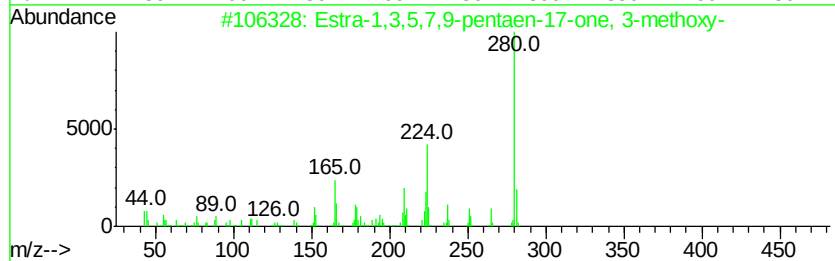
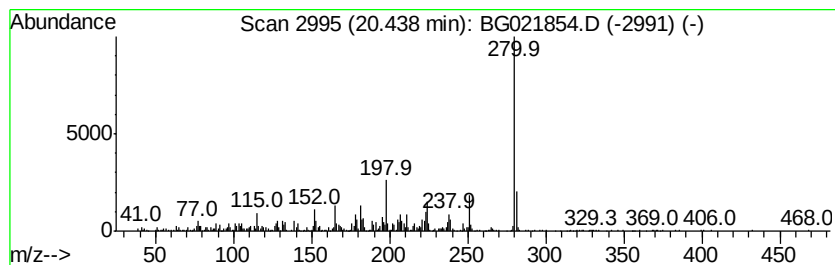
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Estra-1,3,5,7,9-pentaen-17-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	7.61 ng/ul	457561	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Estra-1,3,5,7,9-pentaen-17-one, ...	280	C19H20O2	003907-67-3	90
2		Gona-1,3,5,7,9-pentaen-17-one, 1...	280	C19H20O2	069853-73-2	72
3		Gona-1,3,5,7,9-pentaen-17-one, 1...	280	C19H20O2	030788-51-3	72
4		Gona-1,3,5,7,9-pentaen-17-one, 1...	280	C19H20O2	051262-24-9	64
5		Dibenzo[a,c]phenazine	280	C20H12N2	000215-64-5	52



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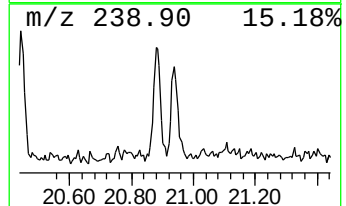
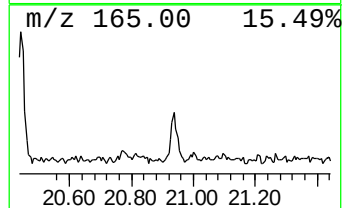
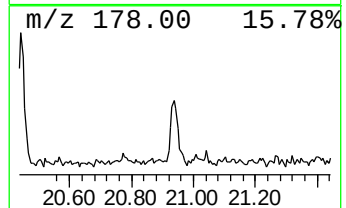
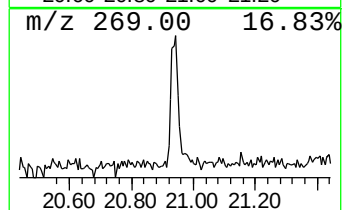
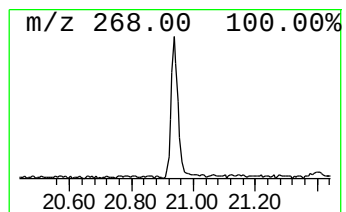
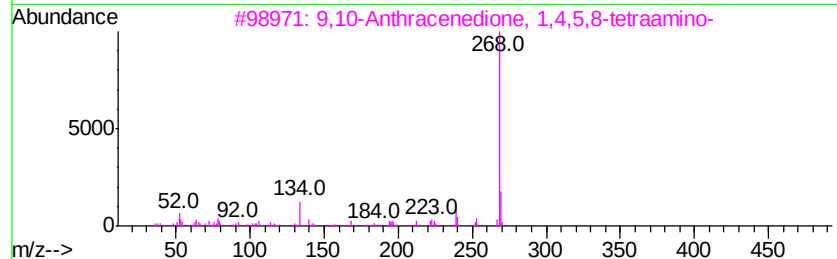
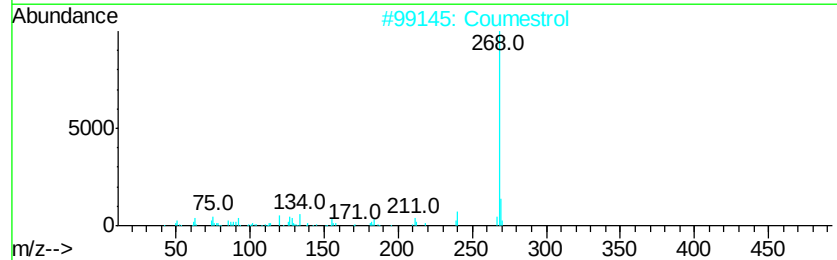
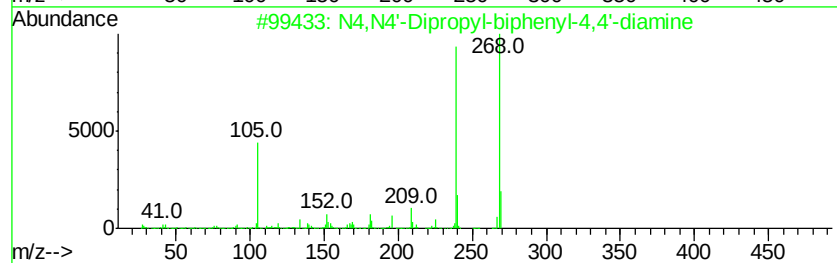
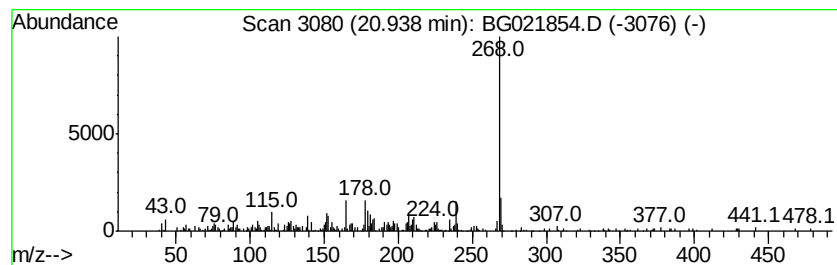
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Peak Number 2 N4,N4'-Dipropyl-biphenyl-4,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.22 ng/ul	133384	Chrysene-d12	21.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N4,N4'-Dipropyl-biphenyl-4,4'-di...	268	C18H24N2	017576-22-6	68
2		Coumestrol	268	C15H8O5	000479-13-0	68
3		9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	68
4		(5H,10H)Anthracene, 2,3,7,8-bis(...	268	C16H12O4	1000116-12-4	68
5		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Estra-1,3,5,7,9-p...	20.44	7.6	ng/ul	457561	5	21.84	1202650	20.0
N4,N4'-Dipropyl-b...	20.94	2.2	ng/ul	133384	5	21.84	1202650	20.0