LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048224.D
Acq On : 20 Feb 2021 5:33
Operator : CG/JU
Sample : M1412-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBGX6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BG021321MA.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	3.512	26	29	31	rVV5	4865	6193	0.80%	0.070%
2	3.723	63	65	69	rVB2	1367	1629	0.21%	0.018%
3	4.035	116	118	120	rBV2	2313	1575	0.20%	0.018%
4	4.058	120	122	126	rVB3	1896	1855	0.24%	0.021%
5	4.164	135	140	146	rBV3	4731	9224	1.20%	0.104%
6	4.270	156	158	162	rVB3	2784	2717	0.35%	0.031%
7	4.469	190	192	197	rVB2	1683	1907	0.25%	0.022%
8	5.198	309	316	325	rBV5	4239	8804	1.14%	0.099%
9	5.562	375	378	379	rBV2	1376	1579	0.20%	0.018%
10	5.979	447	449	453	rVB2	1353	1557	0.20%	0.018%
11	6.209	484	488	491	rVB3	920	1489	0.19%	0.017%
12	6.397	517	520	525	rVV4	1300	1746	0.23%	0.020%
13	6.737	575	578	580	rVB	2186	1563	0.20%	0.018%
14	7.219	656	660	663	rBV3	1089	1825	0.24%	0.021%
15	7.284	663	671	684	rVB	85511	168629	21.86%	1.905%
16	7.431	690	696	703	rBV	62909	100010	12.96%	1.130%
17	7.642	726	732	740	rVV2	82236	144792	18.77%	1.636%
18	7.713	742	744	745	rVV2	2422	2043	0.26%	0.023%
19	7.830	761	764	766	rVB2	1343	1455	0.19%	0.016%
20	7.912	775	778	782	rVB	1587	2410	0.31%	0.027%
21	8.106	805	811	819	rVB	126790	207327	26.88%	2.342%
22	8.241	830	834	835	rBV	1391	1513	0.20%	0.017%
23	8.318	842	847	851	rBV4	2511	4279	0.55%	0.048%
24	8.829	928	934	943	rBV2	101271	179492	23.27%	2.028%
25	8.941	949	953	955	rBV3	2661	3277	0.42%	0.037%
26	9.205	995	998	1004	rBV3	1904	3376	0.44%	0.038%
27	9.276	1004	1010	1018	rBV	80697	142896	18.52%	1.614%
28	9.663	1073	1076	1081	rVB4	1836	2809	0.36%	0.032%
29	9.828	1101	1104	1109	rBV2	2263	3063	0.40%	0.035%
30	10.004	1127	1134	1142	rBV2	71615	134010	17.37%	1.514%
31	10.251	1173	1176	1178	rBV2	2570	2366	0.31%	0.027%
32	10.551	1220	1227	1238	rBV2	97917	193787	25.12%	2.189%
33	10.686	1246	1250	1256	rVB4	5142	9996	1.30%	0.113%
34	10.833	1272	1275	1277	rVB	1318	1446	0.19%	0.016%

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Instrument : BNA_G
ClientSampleId : DBGX6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Title : SVOA CALIBRATION

35	10.921	1284	1290	1297	rBV	157079	283351	36.73%	3.201%
36	11.062	1308	1314	1329	rVB3	78951	159839	20.72%	1.806%
37	12.395	1539	1541	1543	rBV2	1339	1444	0.19%	0.016%
38	12.419	1543	1545	1550	rVB	1465	1970	0.26%	0.022%
39	12.495	1555	1558	1565	rBV4	1831	3864	0.50%	0.044%
40	12.636	1578	1582	1591	rVB7	5834	9168	1.19%	0.104%
41	12.912	1627	1629	1633	rVB3	2105	1842	0.24%	0.021%
42	13.553	1730	1738	1740	rVB6	2038	3497	0.45%	0.040%
43	13.618	1746	1749	1750	rVV3	1890	1508	0.20%	0.017%
44	13.682	1758	1760	1763	rVB3	1766	1653	0.21%	0.019%
45	14.135	1831	1837	1842	rBV	217906	310012	40.19%	3.502%
46	14.182	1842	1845	1851	rVB2	22115	31967	4.14%	0.361%
47	14.428	1879	1887	1895	rBV	221305	346383	44.90%	3.913%
48	14.499	1898	1899	1905	rVB4	1569	2100	0.27%	0.024%
49	14.552	1905	1908	1910	rBV2	1288	1602	0.21%	0.018%
50	14.610	1915	1918	1921	rVB2	2652	3368	0.44%	0.038%
51	14.734	1932	1939	1950	rVB	286987	452656	58.68%	5.114%
52	14.963	1972	1978	1991	rBV2	69323	138332	17.93%	1.563%
53	15.151	2008	2010	2012	rBV3	3465	1532	0.20%	0.017%
54	15.539	2073	2076	2077	rBV	3262	2943	0.38%	0.033%
55	15.721	2097	2107	2117	rBV	298957	458650	59.46%	5.181%
56	15.791	2117	2119	2123	rVB2	1540	1440	0.19%	0.016%
57	15.850	2123	2129	2139	rBV	91536	154488	20.03%	1.745%
58	15.962	2145	2148	2150	rBV	4071	3703	0.48%	0.042%
59	16.044	2159	2162	2164	rBV2	1215	1745	0.23%	0.020%
60	16.091	2166	2170	2171	rVV2	1861	1801	0.23%	0.020%
61	16.103	2171	2172	2175	rVV2	2654	2944	0.38%	0.033%
62	16.144	2178	2179	2183	rVV3	1925	1958	0.25%	0.022%
63	16.232	2193	2194	2199	rBV3	1507	1931	0.25%	0.022%
64	16.502	2236	2240	2246	rVB2	1756	3772	0.49%	0.043%
65	16.549	2246	2248	2250	rBV	1882	1727	0.22%	0.020%
66	16.685	2269	2271	2272	rBV	2730	2347	0.30%	0.027%
67	16.737	2278	2280	2284	rVB	1531	2069	0.27%	0.023%
68	16.773	2284	2286	2288	rBV2	2898	2078	0.27%	0.023%
69	16.855	2298	2300	2302	rVV2	1757	1816	0.24%	0.021%
70	16.925	2309	2312	2317	rVV4	1599	1967	0.25%	0.022%
71	17.014	2325	2327	2332	rVB2	1311	1514	0.20%	0.017%

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Instrument : BNA_G
ClientSampleId : DBGX6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Title : SVOA CALIBRATION

72	17.090	2338	2340	2342	rBV	1672	1972	0.26%	0.022%
73	17.143	2347	2349	2352	rBV2	1957	1928	0.25%	0.022%
74	17.207	2356	2360	2361	rBV2	2176	1985	0.26%	0.022%
75	17.260	2365	2369	2370	rBV3	2475	2622	0.34%	0.030%
76	17.307	2375	2377	2380	rVB2	1772	1566	0.20%	0.018%
77	17.478	2399	2406	2414	rVV	404662	614498	79.66%	6.942%
78	17.578	2416	2423	2430	rVV	366220	535750	69.45%	6.052%
79	17.666	2434	2438	2443	rVV5	4671	8874	1.15%	0.100%
80	17.724	2447	2448	2450	rBV	2247	2016	0.26%	0.023%
81	17.860	2469	2471	2473	rBV3	1744	1696	0.22%	0.019%
82	18.042	2498	2502	2505	rBV3	1858	1952	0.25%	0.022%
83	18.247	2535	2537	2540	rVB2	2731	2091	0.27%	0.024%
84	18.318	2547	2549	2551	rBV2	2172	2340	0.30%	0.026%
85	18.359	2554	2556	2561	rVB5	4373	5585	0.72%	0.063%
86	18.430	2566	2568	2572	rVB4	4555	3977	0.52%	0.045%
87	18.565	2587	2591	2595	rVB6	9088	12258	1.59%	0.138%
88	18.759	2621	2624	2627	rBV2	4635	6543	0.85%	0.074%
89	18.841	2635	2638	2643	rVB5	11311	16622	2.15%	0.188%
90	18.905	2647	2649	2651	rBV3	2584	2031	0.26%	0.023%
91	19.082	2676	2679	2685	rBV7	6996	11178	1.45%	0.126%
92	19.140	2687	2689	2695	rBV6	4723	7944	1.03%	0.090%
93	19.293	2712	2715	2721	rVB2	20535	29223	3.79%	0.330%
94	19.569	2758	2762	2765	rBV5	13253	17479	2.27%	0.197%
95	19.857	2805	2811	2817	rBV2	500541	696101	90.24%	7.864%
96	20.227	2869	2874	2880	rVB	266632	346227	44.88%	3.911%
97	20.615	2935	2940	2948	rBV	420245	592279	76.78%	6.691%
98	21.755	3128	3134	3142	rVB2	441567	755841	97.98%	8.539%
99	24.804	3645	3653	3664	rVB	232173	640245	83.00%	7.233%
100	25.034	3684	3692	3705	rVB3	261706	771387	100.00%	8.714%

Sum of corrected areas: 8851830

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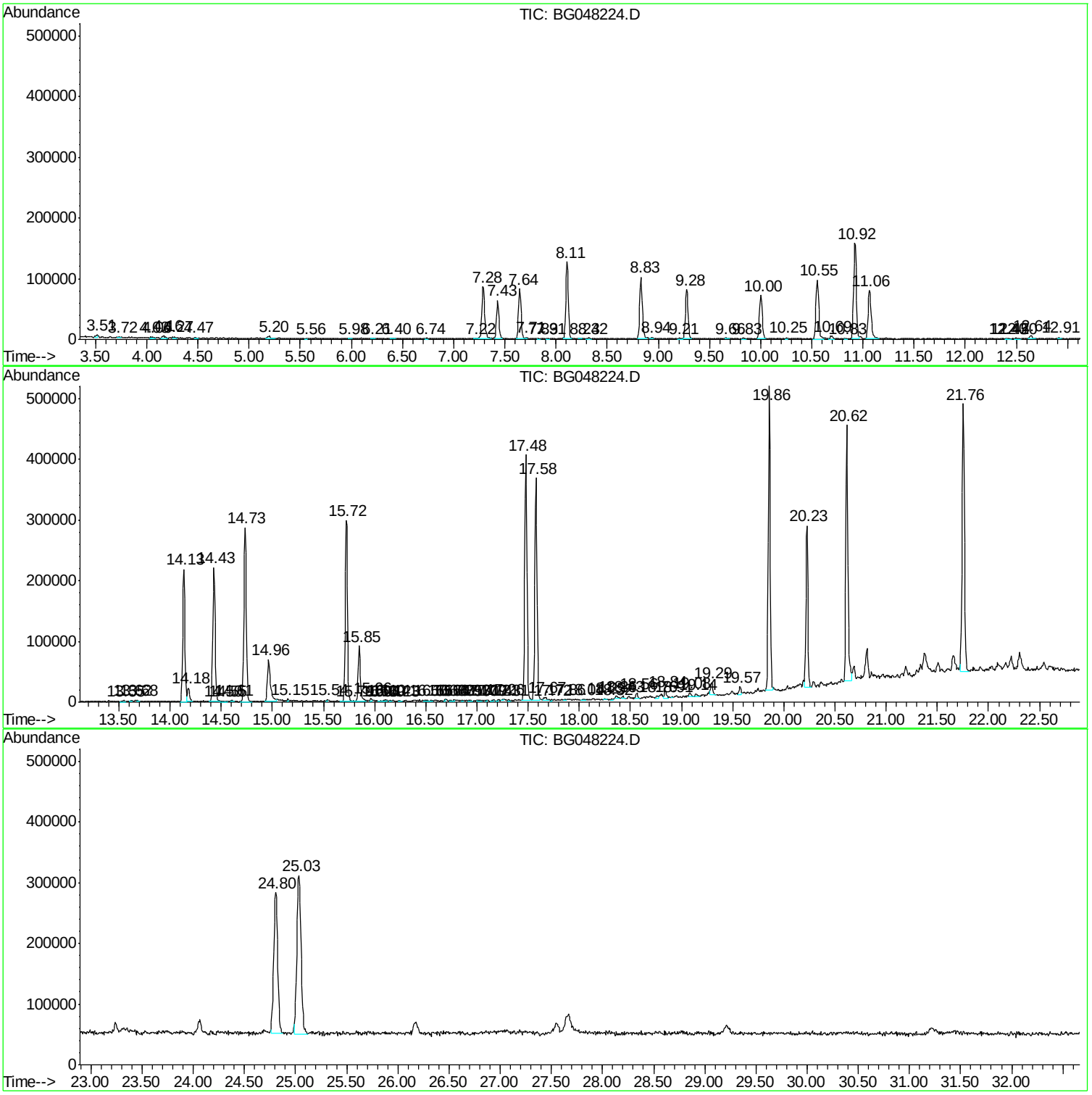
DBGX6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

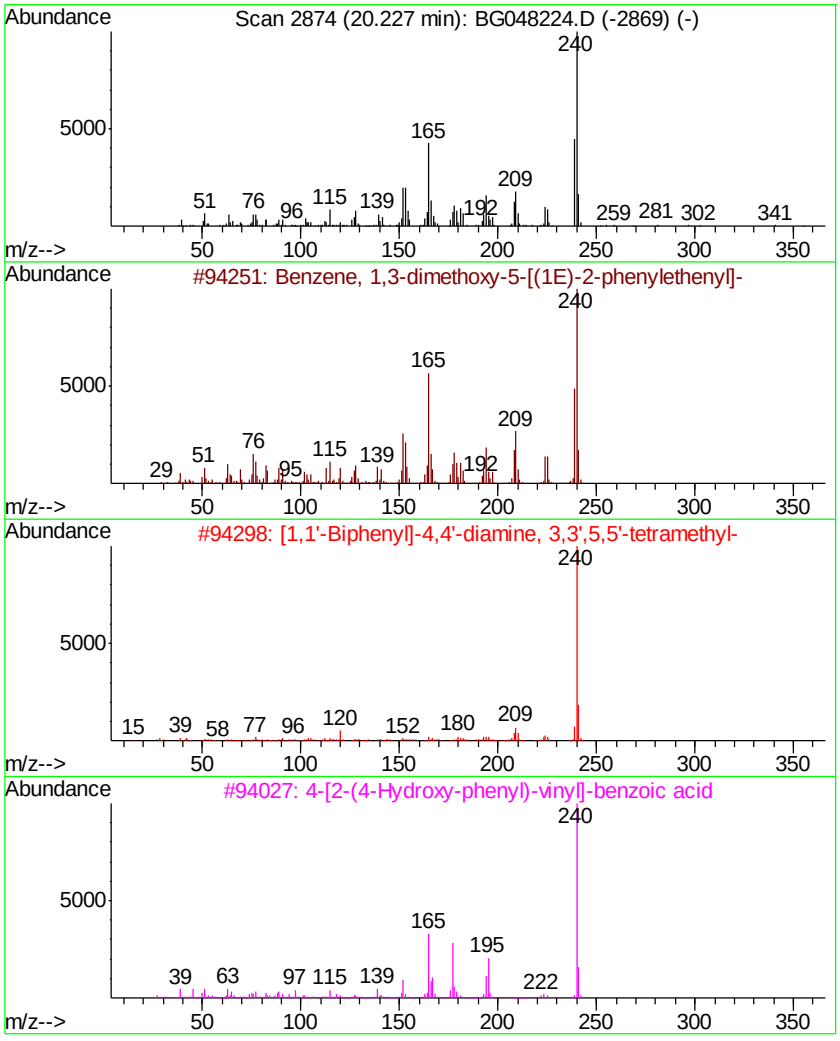
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

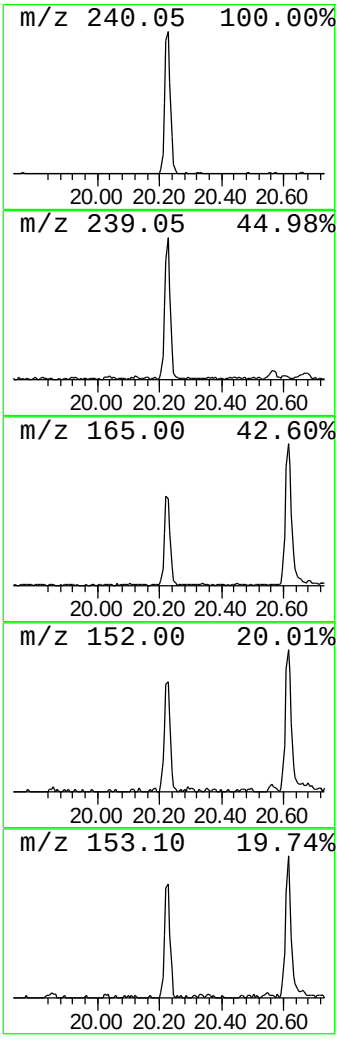
****

Peak Number 1 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	9.16 ng/ul	346227	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	98
2	[1,1'-Biphenyl]-4,4'-diamine, 3,...	240	C16H20N2	054827-17-7	60
3	4-[2-(4-Hydroxy-phenyl)-vinyl]-b...	240	C15H12O3	152027-61-7	53
4	9H-Carbazole, 9-ethyl-3-nitro-	240	C14H12N2O2	000086-20-4	50
5	Benzenamine, N-[(4-methylphenyl)...	240	C14H12N2O2	020192-50-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048224.D
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Instrument : BNA_G
ClientSampleId : DBGX6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION

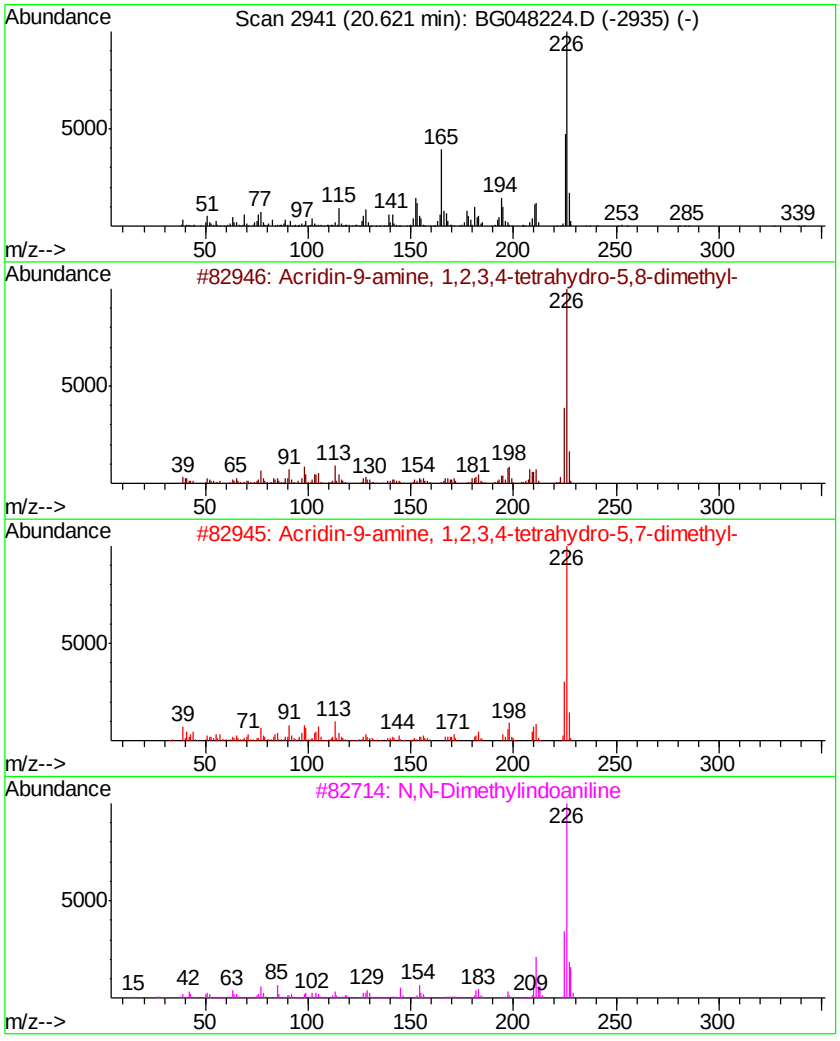
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

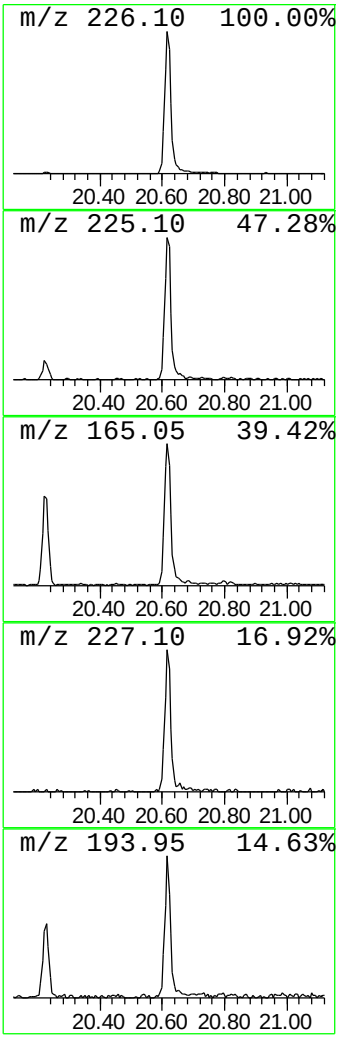
****

Peak Number 2 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	15.67 ng/ul	592279	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	70
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	49
3	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	49
4	9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	43
5	2-Methyl-2-(3-hydroxyphenyl)-1,3...	226	C11H14OS2	164223-91-0	43





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	20.23	9.2	ng/ul	346227	5	21.76	755841	20.0
Acridin-9-amine, ...	20.62	15.7	ng/ul	592279	5	21.76	755841	20.0