

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021878.D
 Acq On : 12 May 2016 21:15
 Operator : UM/SJ
 Sample : H2936-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK5

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	3.241	64	68	73	rBV4	8564	12362	0.73%	0.068%
2	3.335	80	84	92	rVB7	4518	9688	0.57%	0.053%
3	3.552	117	121	129	rVB2	7546	12728	0.75%	0.070%
4	3.987	194	195	202	rVB3	2218	2493	0.15%	0.014%
5	4.093	207	213	219	rVB2	7344	13012	0.76%	0.071%
6	4.322	248	252	256	rVB3	2805	3527	0.21%	0.019%
7	4.880	342	347	351	rBV4	1824	3341	0.20%	0.018%
8	5.338	421	425	427	rBV3	2146	3054	0.18%	0.017%
9	7.324	755	763	776	rBV	120089	250774	14.72%	1.376%
10	7.495	784	792	806	rBV	105554	206475	12.12%	1.133%
11	7.700	820	827	837	rBV	142919	286393	16.81%	1.571%
12	8.176	900	908	921	rBV	165862	333927	19.60%	1.832%
13	8.875	1018	1027	1043	rBV	181312	370725	21.76%	2.034%
14	9.005	1045	1049	1054	rVV4	4437	8561	0.50%	0.047%
15	9.340	1097	1106	1119	rBV	118790	258965	15.20%	1.421%
16	9.422	1119	1120	1125	rVB4	2663	3012	0.18%	0.017%
17	9.727	1168	1172	1178	rBV3	2153	3949	0.23%	0.022%
18	10.068	1221	1230	1242	rBV	101212	220063	12.92%	1.207%
19	10.609	1314	1322	1333	rBV	200670	411666	24.16%	2.258%
20	10.991	1375	1387	1401	rBV	315504	663065	38.92%	3.637%
21	11.126	1401	1410	1430	rBV	116342	276212	16.21%	1.515%
22	11.884	1535	1539	1542	rBV2	1437	2555	0.15%	0.014%
23	11.989	1551	1557	1562	rBV6	4160	7764	0.46%	0.043%
24	12.377	1616	1623	1626	rBV4	3080	5430	0.32%	0.030%
25	12.565	1650	1655	1662	rBV3	4542	8838	0.52%	0.048%
26	12.636	1662	1667	1673	rBV2	6197	11223	0.66%	0.062%
27	12.859	1700	1705	1713	rVB3	5265	9022	0.53%	0.049%
28	13.153	1750	1755	1759	rBV3	2556	4568	0.27%	0.025%
29	13.317	1779	1783	1787	rVB3	3234	4705	0.28%	0.026%
30	13.399	1795	1797	1803	rVB3	2060	2182	0.13%	0.012%
31	13.605	1825	1832	1835	rBV2	8079	13377	0.79%	0.073%
32	13.676	1839	1844	1851	rVB4	8582	16498	0.97%	0.091%
33	13.964	1887	1893	1903	rBV5	3201	8259	0.48%	0.045%
34	14.122	1914	1920	1924	rBV5	6245	11513	0.68%	0.063%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021878.D
 Acq On : 12 May 2016 21:15
 Operator : UM/SJ
 Sample : H2936-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK5

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

35	14.193	1925	1932	1937	rBV	411220	673386	39.53%	3.694%
36	14.240	1937	1940	1946	rVB	83296	126105	7.40%	0.692%
37	14.351	1956	1959	1962	rBV4	2898	4990	0.29%	0.027%
38	14.492	1975	1983	1992	rBV	543341	945878	55.52%	5.189%
39	14.551	1992	1993	1999	rVB3	1880	2282	0.13%	0.013%
40	14.604	1999	2002	2004	rBV4	1698	2133	0.13%	0.012%
41	14.669	2009	2013	2020	rVB2	23851	33994	2.00%	0.186%
42	14.798	2023	2035	2043	rBV2	574836	1041830	61.15%	5.715%
43	14.986	2059	2067	2078	rBV	81858	209860	12.32%	1.151%
44	15.127	2089	2091	2094	rVB4	3483	2872	0.17%	0.016%
45	15.286	2112	2118	2125	rVB8	6285	15236	0.89%	0.084%
46	15.356	2125	2130	2135	rVV4	3460	5026	0.30%	0.028%
47	15.409	2135	2139	2143	rVV5	4598	5066	0.30%	0.028%
48	15.462	2145	2148	2151	rBV4	2779	3925	0.23%	0.022%
49	15.579	2162	2168	2170	rBV5	7658	14884	0.87%	0.082%
50	15.615	2170	2174	2181	rVV	35158	53307	3.13%	0.292%
51	15.679	2181	2185	2188	rVV5	4160	5704	0.33%	0.031%
52	15.720	2189	2192	2194	rVV4	2121	2587	0.15%	0.014%
53	15.785	2194	2203	2215	rVV	733339	1205513	70.76%	6.613%
54	15.897	2217	2222	2235	rVV	80198	153389	9.00%	0.841%
55	16.026	2237	2244	2248	rVB4	19010	35128	2.06%	0.193%
56	16.126	2257	2261	2266	rVB7	6625	12462	0.73%	0.068%
57	16.179	2266	2270	2273	rBV4	4850	7431	0.44%	0.041%
58	16.237	2277	2280	2283	rVB4	6493	6976	0.41%	0.038%
59	16.273	2283	2286	2289	rBV5	4933	6933	0.41%	0.038%
60	16.331	2291	2296	2306	rVB2	16654	32694	1.92%	0.179%
61	16.478	2316	2321	2332	rBV	39045	93754	5.50%	0.514%
62	16.555	2332	2334	2339	rVB4	4648	6032	0.35%	0.033%
63	16.619	2339	2345	2348	rBV3	10133	15064	0.88%	0.083%
64	16.719	2360	2362	2364	rBV2	3235	3129	0.18%	0.017%
65	16.807	2374	2377	2378	rBV3	3222	3175	0.19%	0.017%
66	16.831	2378	2381	2382	rVV3	6218	7975	0.47%	0.044%
67	16.878	2385	2389	2394	rVV3	20287	32033	1.88%	0.176%
68	16.931	2394	2398	2402	rVB3	6316	10870	0.64%	0.060%
69	16.989	2404	2408	2409	rBV3	5296	6092	0.36%	0.033%
70	17.042	2415	2417	2418	rBV2	2542	2205	0.13%	0.012%
71	17.160	2434	2437	2438	rBV3	2594	2575	0.15%	0.014%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021878.D
 Acq On : 12 May 2016 21:15
 Operator : UM/SJ
 Sample : H2936-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK5

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

72	17.195	2439	2443	2450	rVB3	8966	14706	0.86%	0.081%
73	17.271	2452	2456	2461	rVV	20964	29496	1.73%	0.162%
74	17.324	2461	2465	2470	rVV7	11808	17204	1.01%	0.094%
75	17.407	2476	2479	2486	rVB9	6372	12818	0.75%	0.070%
76	17.477	2486	2491	2492	rBV5	4101	5793	0.34%	0.032%
77	17.542	2494	2502	2507	rBV	661736	1159916	68.09%	6.363%
78	17.583	2507	2509	2513	rVV	61228	84202	4.94%	0.462%
79	17.642	2513	2519	2529	rVB	671587	1160848	68.14%	6.368%
80	17.800	2544	2546	2547	rBV2	5985	4479	0.26%	0.025%
81	17.906	2559	2564	2565	rBV5	8270	13572	0.80%	0.074%
82	17.935	2565	2569	2573	rVV2	21740	36537	2.14%	0.200%
83	18.012	2578	2582	2586	rVV5	19410	33295	1.95%	0.183%
84	18.047	2586	2588	2594	rVB6	11734	18486	1.09%	0.101%
85	18.405	2645	2649	2654	rBV4	25017	41355	2.43%	0.227%
86	18.599	2678	2682	2687	rBV5	18166	34190	2.01%	0.188%
87	18.640	2687	2689	2694	rVV5	9507	14058	0.83%	0.077%
88	18.699	2695	2699	2702	rVV5	13534	20493	1.20%	0.112%
89	18.905	2730	2734	2737	rBV	25222	40545	2.38%	0.222%
90	19.322	2801	2805	2811	rVB6	26409	40271	2.36%	0.221%
91	19.580	2845	2849	2856	rVB	126744	203221	11.93%	1.115%
92	19.680	2864	2866	2872	rVB	32359	42255	2.48%	0.232%
93	19.915	2900	2906	2918	rVB2	865467	1529473	89.78%	8.390%
94	21.437	3161	3165	3172	rVB	545234	830322	48.74%	4.555%
95	21.690	3205	3208	3214	rVB	87766	139262	8.17%	0.764%
96	21.825	3224	3231	3238	rBV	692701	1376051	80.77%	7.548%
97	22.048	3265	3269	3275	rVB2	90980	152569	8.96%	0.837%
98	22.542	3349	3353	3362	rVB2	103763	191239	11.23%	1.049%
99	24.939	3752	3761	3770	rVB2	347009	1027002	60.28%	5.634%
100	25.168	3790	3800	3812	rBV3	547311	1703598	100.00%	9.345%

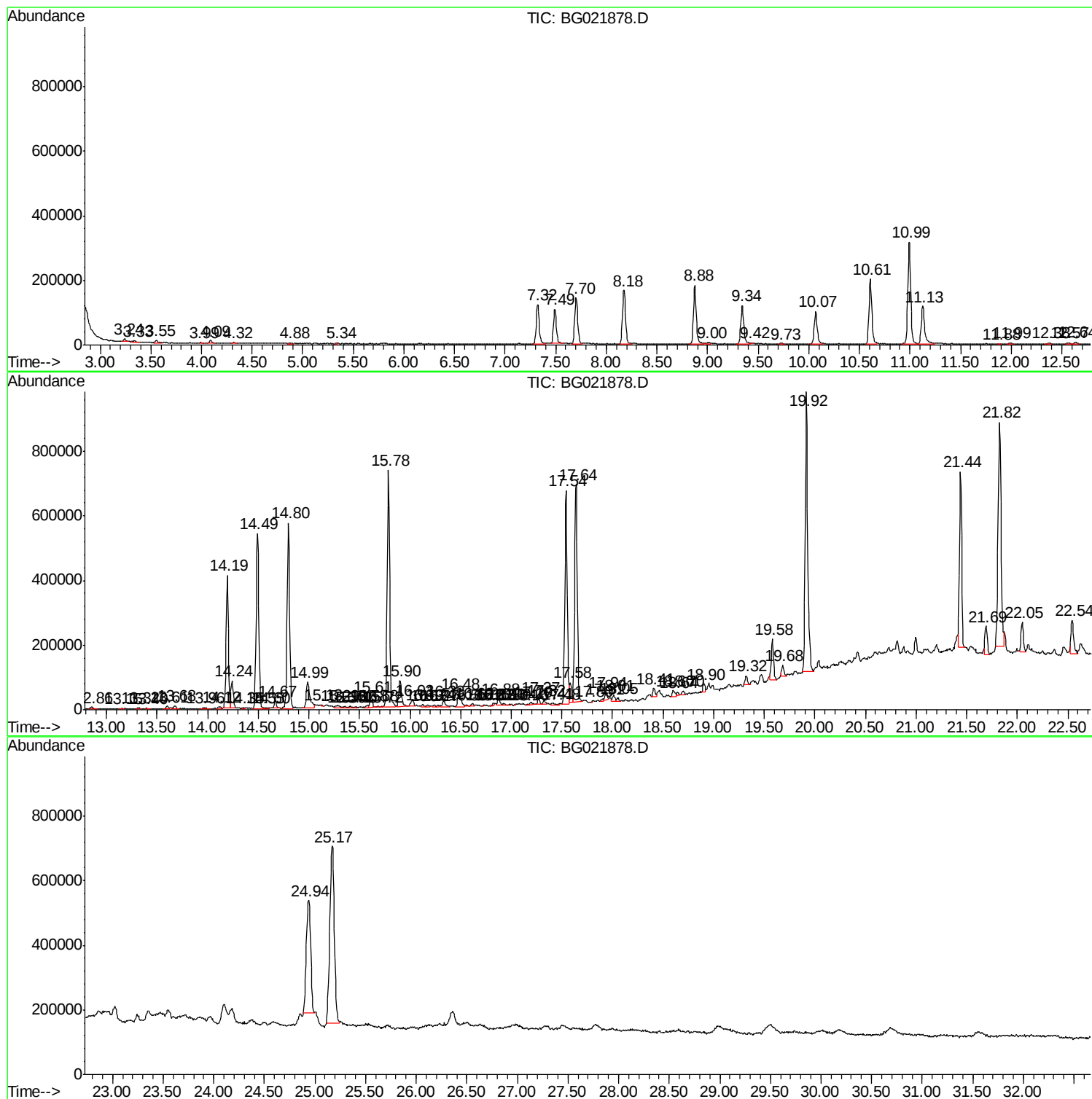
Sum of corrected areas: 18229677

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021878.D
Acq On : 12 May 2016 21:15
Operator : UM/SJ
Sample : H2936-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK5

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021878.D
Acq On : 12 May 2016 21:15
Operator : UM/SJ
Sample : H2936-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK5

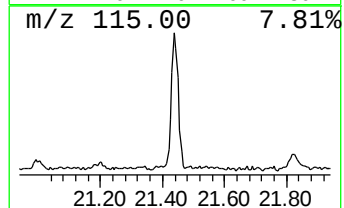
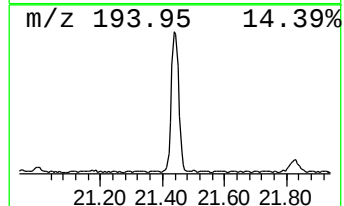
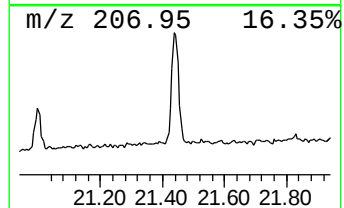
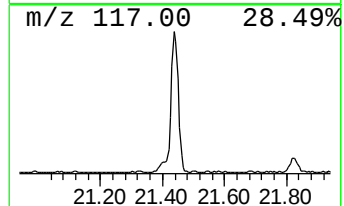
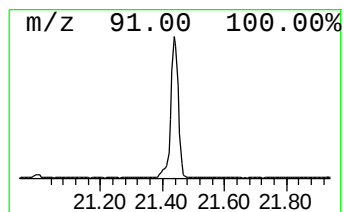
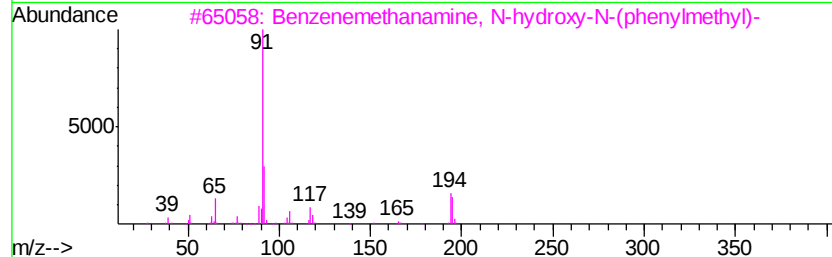
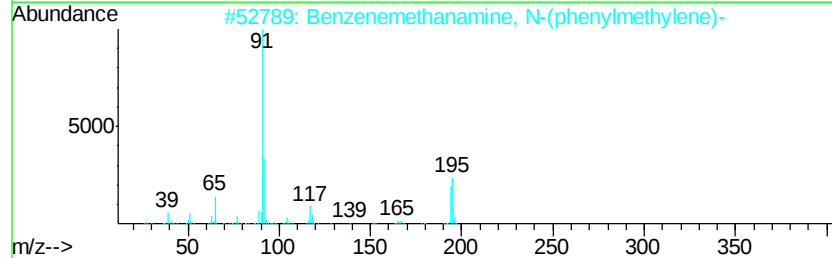
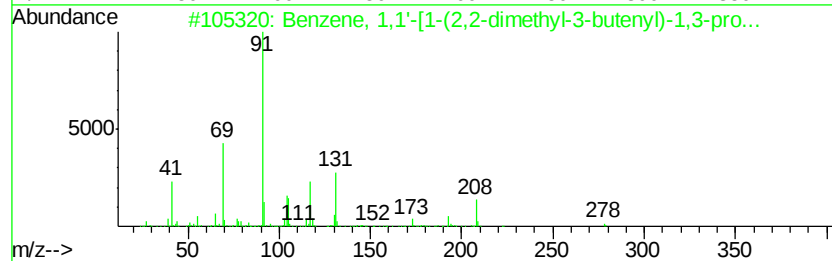
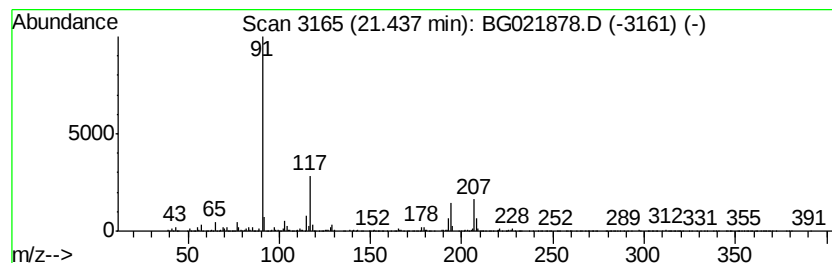
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	12.07 ng/ul	830322	Chrysene-d12	21.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-[1-(2,2-dimethyl-3...	278	C21H26	061142-62-9	30
2		Benzenemethanamine, N-(phenylmet...	195	C14H13N	000780-25-6	17
3		Benzenemethanamine, N-hydroxy-N-...	213	C14H15NO	000621-07-8	17
4		Dibenzylamine, N-nitro-	242	C14H14N2O2	095835-70-4	12
5		Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	12



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021878.D
Acq On : 12 May 2016 21:15
Operator : UM/SJ
Sample : H2936-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

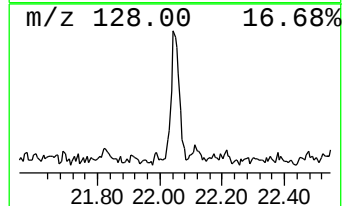
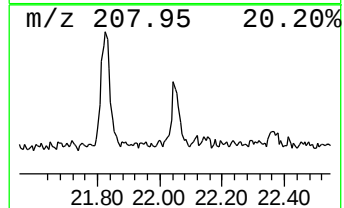
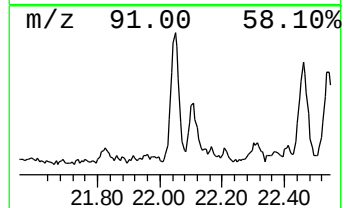
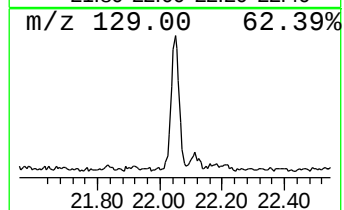
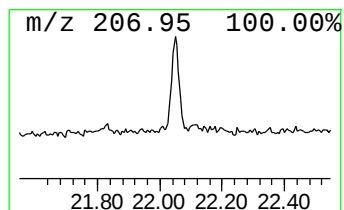
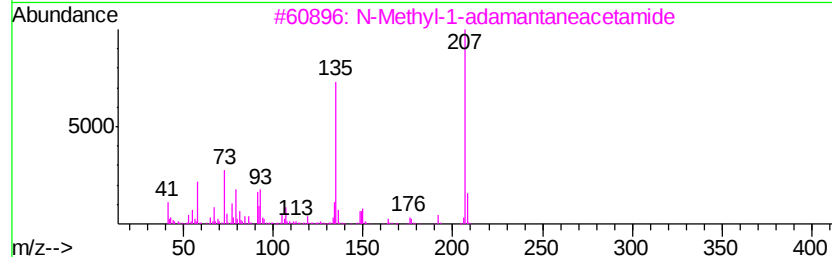
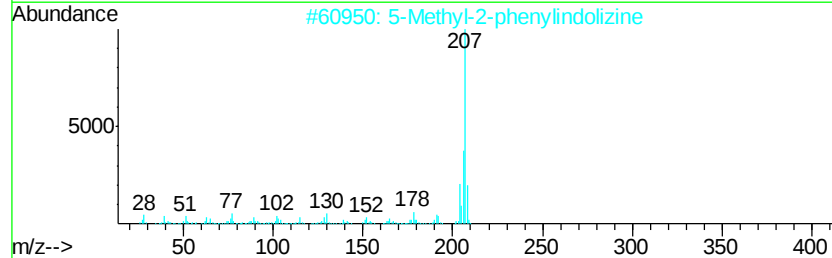
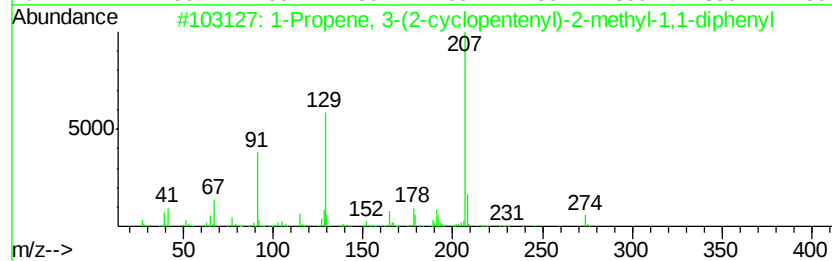
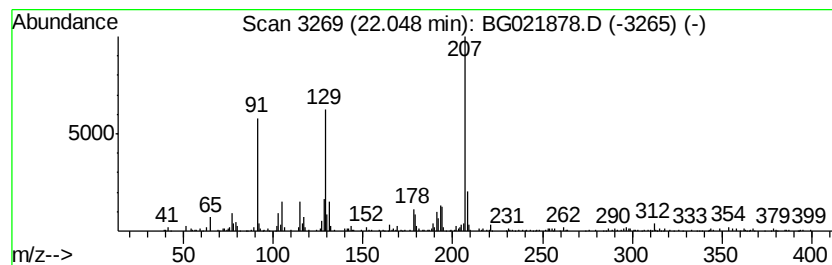
Instrument :
BNA_G
ClientSampleId :
D9WK5

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 2 1-Propene, 3-(2-cyclopenten... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.05	2.22 ng/ul	152569	Chrysene-d12	21.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274 C21H22	1000154-23-3	74
2	5-Methyl-2-phenylindolizine	207 C15H13N	036944-99-7	55
3	N-Methyl-1-adamantaneacetamide	207 C13H21NO	031897-93-5	49
4	Benzo[h]quinoline, 2,4-dimethyl-	207 C15H13N	000605-67-4	43
5	Methadone N-oxide	325 C21H27NO2	1000120-80-7	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021878.D
Acq On : 12 May 2016 21:15
Operator : UM/SJ
Sample : H2936-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK5

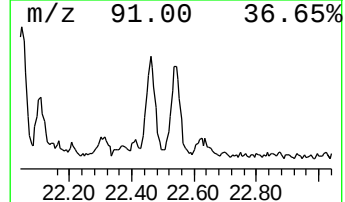
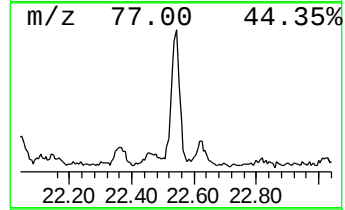
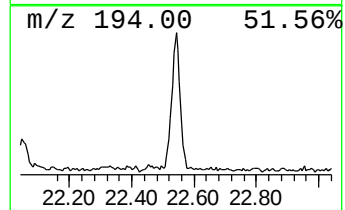
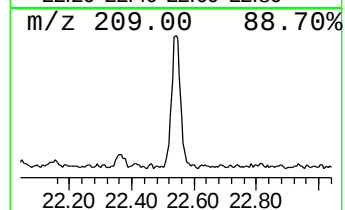
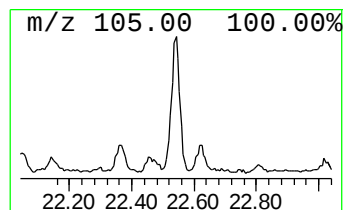
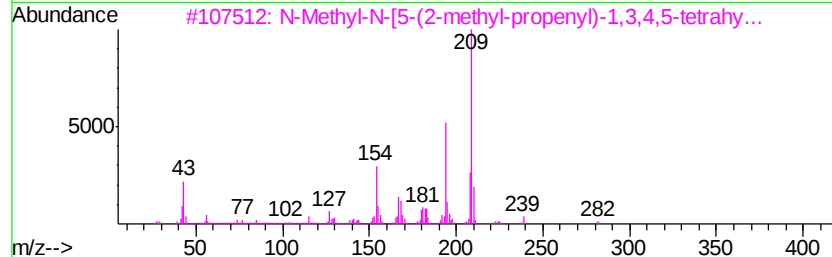
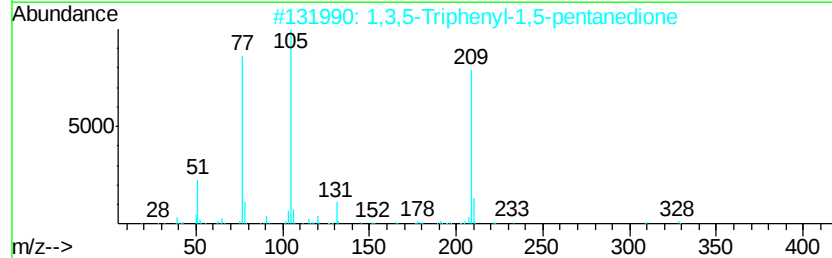
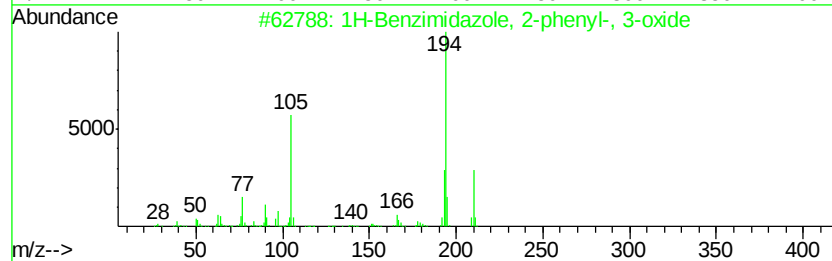
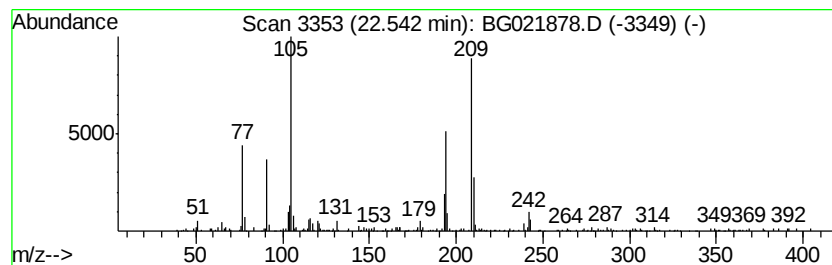
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	2.78 ng/ul	191239	Chrysene-d12	21.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-phenyl-, 3-o...	210	C13H10N2O	007436-57-9	49
2		1,3,5-Triphenyl-1,5-pentanedione	328	C23H20O2	006263-84-9	47
3		N-Methyl-N-[5-(2-methyl-propenyl)...]	282	C18H22N2O	1000190-17-3	47
4		9H-Carbazole, 9-(1-methylethyl)-	209	C15H15N	001484-09-9	38
5		1,3,5-Triphenyl-1,5-pentanedione	328	C23H20O2	006263-84-9	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021878.D
Acq On : 12 May 2016 21:15
Operator : UM/SJ
Sample : H2936-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9WK5

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	21.44	12.1	ng/ul	830322	5	21.82	1376050	20.0
1-Propene, 3-(2-c...	22.05	2.2	ng/ul	152569	5	21.82	1376050	20.0
unknown-02	22.54	2.8	ng/ul	191239	5	21.82	1376050	20.0