

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
 Data File : BG030599.D
 Acq On : 31 Oct 2017 4:08
 Operator : SJ/JU
 Sample : I6195-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SVOC-GPC-BLANK

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\SOM-EPA-BG101417.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	3.599	49	53	54	rBV3	2287	2581	0.17%	0.025%
2	3.634	58	59	62	rBV3	2141	1733	0.11%	0.017%
3	3.693	68	69	73	rVB3	1723	1848	0.12%	0.018%
4	3.822	88	91	95	rBV4	2530	2614	0.17%	0.025%
5	3.957	113	114	117	rVV	2313	1744	0.11%	0.017%
6	3.993	117	120	122	rVB3	1741	2312	0.15%	0.023%
7	4.045	127	129	132	rVB3	2339	1919	0.12%	0.019%
8	4.427	191	194	197	rBV4	1412	2191	0.14%	0.021%
9	4.510	205	208	212	rVB2	2448	2694	0.17%	0.026%
10	4.709	241	242	250	rVB5	2064	3020	0.19%	0.029%
11	4.786	250	255	259	rBV3	1997	3144	0.20%	0.031%
12	5.074	301	304	305	rVB2	2108	2041	0.13%	0.020%
13	5.350	350	351	355	rBV3	1530	1851	0.12%	0.018%
14	5.743	416	418	422	rVB3	2183	2397	0.15%	0.023%
15	6.096	477	478	484	rVB5	1859	2592	0.17%	0.025%
16	6.331	514	518	520	rBV3	1371	1813	0.12%	0.018%
17	6.407	528	531	533	rVB2	1615	1764	0.11%	0.017%
18	6.449	533	538	541	rBV3	981	2282	0.15%	0.022%
19	6.631	564	569	572	rVB3	1479	1895	0.12%	0.018%
20	6.842	600	605	610	rBV4	1361	1805	0.12%	0.018%
21	7.130	651	654	660	rVB3	932	2036	0.13%	0.020%
22	7.530	717	722	731	rBV6	1376	3459	0.22%	0.034%
23	7.606	734	735	741	rBV3	1052	1899	0.12%	0.018%
24	7.906	783	786	788	rVB	1481	1794	0.11%	0.017%
25	7.935	788	791	798	rBV4	1607	4368	0.28%	0.043%
26	8.164	822	830	841	rVB	217249	375704	24.03%	3.657%
27	9.422	1043	1044	1050	rVB2	1241	1748	0.11%	0.017%
28	9.574	1066	1070	1075	rBV4	1050	2190	0.14%	0.021%
29	9.680	1083	1088	1092	rBV3	1217	2387	0.15%	0.023%
30	10.115	1158	1162	1164	rBV2	1526	1939	0.12%	0.019%
31	10.979	1299	1309	1320	rBV	363970	648153	41.45%	6.309%
32	11.102	1329	1330	1336	rVB2	1236	1883	0.12%	0.018%
33	11.255	1352	1356	1360	rBV3	1295	1895	0.12%	0.018%
34	12.647	1589	1593	1595	rBV3	1586	2089	0.13%	0.020%

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
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35	13.023	1654	1657	1663	rBV4	1330	2420	0.15%	0.024%
36	13.499	1732	1738	1742	rVB3	1107	2123	0.14%	0.021%
37	13.593	1749	1754	1758	rBV4	1408	2163	0.14%	0.021%
38	13.728	1773	1777	1781	rVB5	1407	2117	0.14%	0.021%
39	13.764	1781	1783	1789	rBV5	1446	2166	0.14%	0.021%
40	14.104	1840	1841	1846	rVB3	1338	2053	0.13%	0.020%
41	14.304	1871	1875	1879	rVB4	1912	3138	0.20%	0.031%
42	14.369	1884	1886	1889	rVB2	1762	2002	0.13%	0.019%
43	14.615	1922	1928	1930	rVB3	1539	2066	0.13%	0.020%
44	14.780	1943	1956	1966	rVB2	605264	953111	60.95%	9.277%
45	14.874	1969	1972	1975	rVB4	1273	2002	0.13%	0.019%
46	15.197	2026	2027	2034	rVB6	1532	2123	0.14%	0.021%
47	15.338	2046	2051	2053	rBV5	1748	2852	0.18%	0.028%
48	15.491	2076	2077	2081	rVB3	2463	2920	0.19%	0.028%
49	15.532	2081	2084	2087	rBV3	2176	3481	0.22%	0.034%
50	15.767	2115	2124	2130	rBV9	2257	5199	0.33%	0.051%
51	15.885	2141	2144	2148	rBV4	2071	2802	0.18%	0.027%
52	15.973	2157	2159	2161	rVV2	2509	1819	0.12%	0.018%
53	15.996	2161	2163	2167	rVV5	1753	2705	0.17%	0.026%
54	16.037	2167	2170	2175	rVV5	1918	3828	0.24%	0.037%
55	16.167	2188	2192	2194	rBV5	2015	2969	0.19%	0.029%
56	16.231	2199	2203	2213	rVB10	2108	5908	0.38%	0.058%
57	16.308	2213	2216	2222	rBV7	2879	5955	0.38%	0.058%
58	16.396	2227	2231	2233	rVB5	4051	5405	0.35%	0.053%
59	16.472	2233	2244	2245	rBV6	2868	7719	0.49%	0.075%
60	16.560	2255	2259	2266	rVB8	1842	3663	0.23%	0.036%
61	16.701	2279	2283	2285	rBV6	3186	2837	0.18%	0.028%
62	16.731	2285	2288	2291	rVB5	2594	3595	0.23%	0.035%
63	16.760	2291	2293	2295	rBV2	2406	2487	0.16%	0.024%
64	16.778	2295	2296	2302	rBV4	1740	2875	0.18%	0.028%
65	16.942	2321	2324	2325	rBV3	2293	2582	0.17%	0.025%
66	17.001	2331	2334	2337	rVB4	2491	2710	0.17%	0.026%
67	17.042	2338	2341	2345	rVB7	2203	3277	0.21%	0.032%
68	17.095	2345	2350	2353	rBV6	2149	4241	0.27%	0.041%
69	17.165	2357	2362	2363	rBV5	2098	3169	0.20%	0.031%
70	17.189	2363	2366	2369	rVV5	3971	4064	0.26%	0.040%
71	17.212	2369	2370	2373	rVV3	2865	2219	0.14%	0.022%

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72	17.242	2373	2375	2378	rVB4	3010	2366	0.15%	0.023%
73	17.301	2382	2385	2390	rVB7	3189	4597	0.29%	0.045%
74	17.348	2390	2393	2400	rBV8	2185	3107	0.20%	0.030%
75	17.447	2404	2410	2415	rBV8	4018	7644	0.49%	0.074%
76	17.518	2415	2422	2430	rBV2	732491	1107041	70.80%	10.776%
77	17.618	2435	2439	2443	rVB6	4022	4524	0.29%	0.044%
78	17.776	2460	2466	2468	rBV6	3508	4856	0.31%	0.047%
79	17.794	2468	2469	2475	rVV6	2593	3217	0.21%	0.031%
80	17.882	2482	2484	2485	rVB2	3361	2003	0.13%	0.019%
81	17.906	2485	2488	2491	rBV5	3359	4816	0.31%	0.047%
82	18.070	2512	2516	2519	rVB5	3172	3836	0.25%	0.037%
83	18.100	2519	2521	2523	rBV3	3763	2477	0.16%	0.024%
84	18.129	2523	2526	2528	rBV3	2876	3006	0.19%	0.029%
85	18.158	2530	2531	2536	rBV5	2464	3634	0.23%	0.035%
86	18.199	2536	2538	2540	rBV3	2853	2411	0.15%	0.023%
87	18.217	2540	2541	2544	rBV3	2682	2911	0.19%	0.028%
88	18.411	2572	2574	2577	rBV4	2132	2293	0.15%	0.022%
89	18.511	2589	2591	2592	rBV2	3685	3061	0.20%	0.030%
90	18.564	2599	2600	2603	rBV3	3024	2626	0.17%	0.026%
91	18.687	2617	2621	2624	rBV4	3594	5454	0.35%	0.053%
92	18.758	2629	2633	2635	rBV5	4209	5522	0.35%	0.054%
93	19.457	2741	2752	2754	rBV9	49430	113333	7.25%	1.103%
94	19.639	2756	2783	2806	rVB7	183355	1272824	81.40%	12.390%
95	20.074	2852	2857	2860	rBV7	9463	17082	1.09%	0.166%
96	21.789	3142	3149	3158	rVB2	742527	1251967	80.07%	12.187%
97	22.453	3245	3262	3282	rVB9	165068	1205995	77.13%	11.739%
98	22.800	3305	3321	3345	rVB9	205139	1563638	100.00%	15.220%
99	25.103	3703	3713	3725	rBV2	454264	1262099	80.72%	12.285%
100	29.087	4374	4391	4392	rBV2	65162	240499	15.38%	2.341%

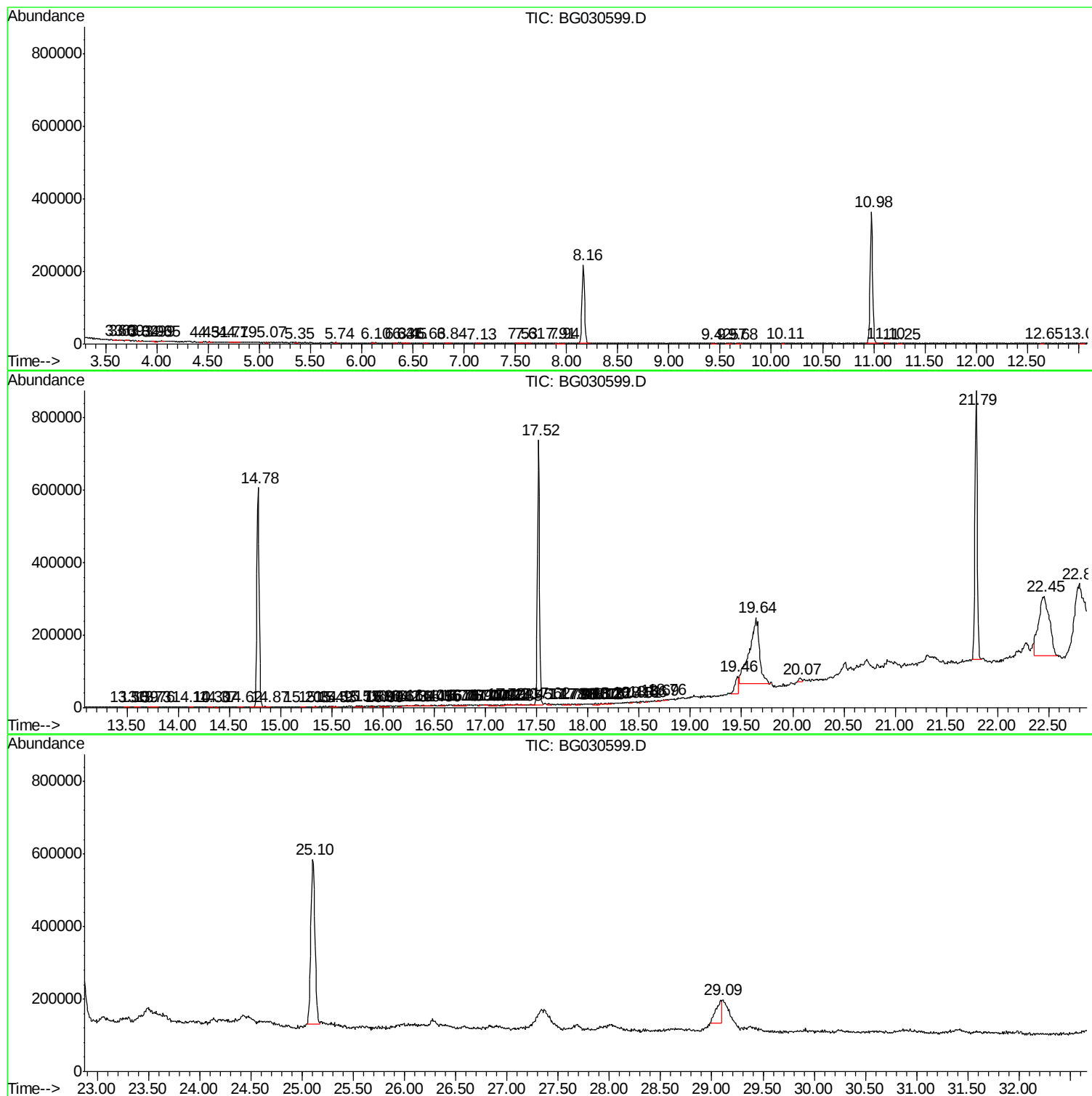
Sum of corrected areas: 10273388

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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



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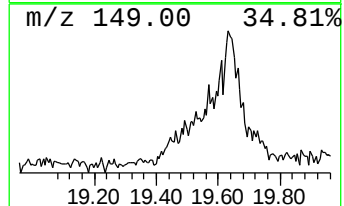
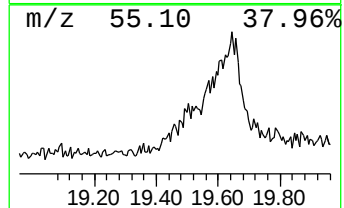
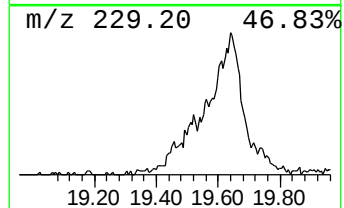
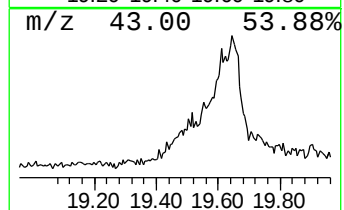
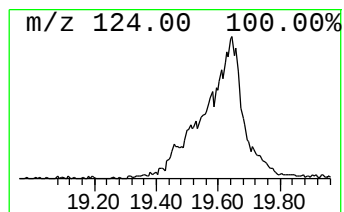
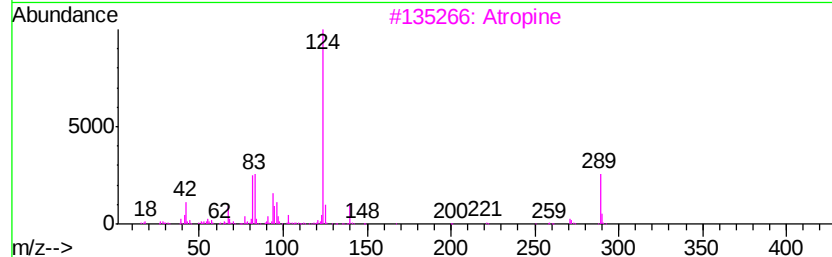
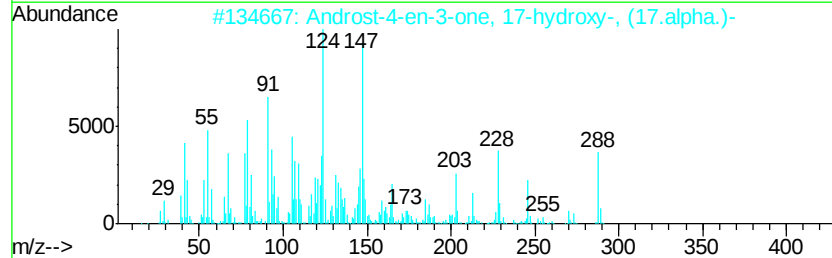
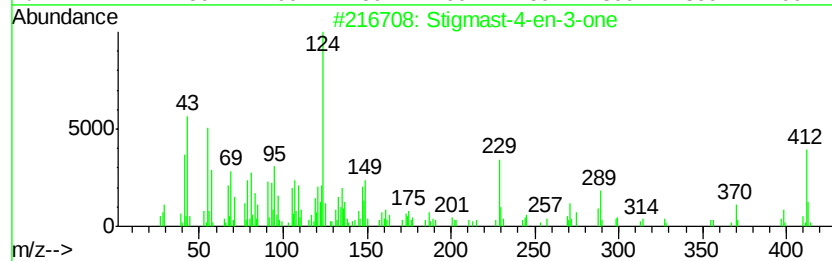
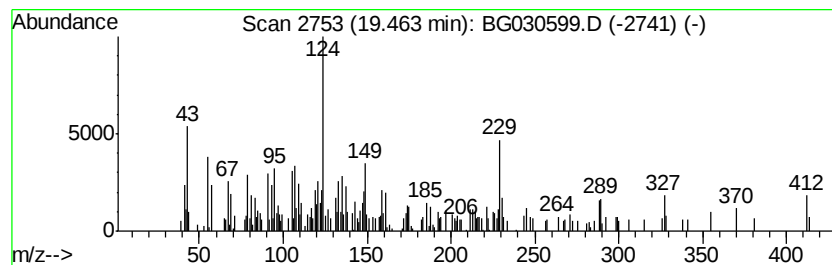
Instrument :
BNA_G
ClientSampleId :
SVOC-GPC-BLANK

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Stigmast-4-en-3-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.46	2.05 ng/ul	113333	Phenanthrene-d10	17.52		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Stigmast-4-en-3-one	412	C29H48O	001058-61-3	60
2		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000481-30-1	41
3		Atropine	289	C17H23NO3	000051-55-8	30
4		Hyoscyamine	289	C17H23NO3	000101-31-5	30
5		Tropine 2,4-dichlorophenylacetate	327	C16H19Cl2NO2	1000212-39-1	25



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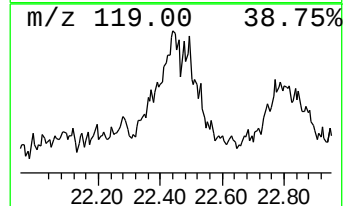
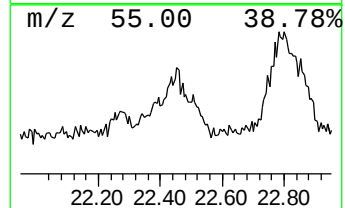
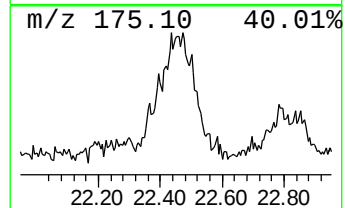
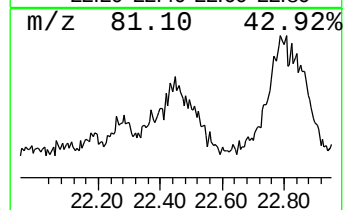
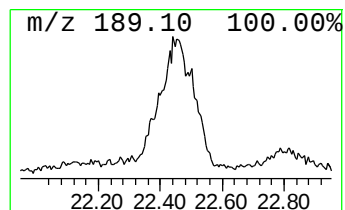
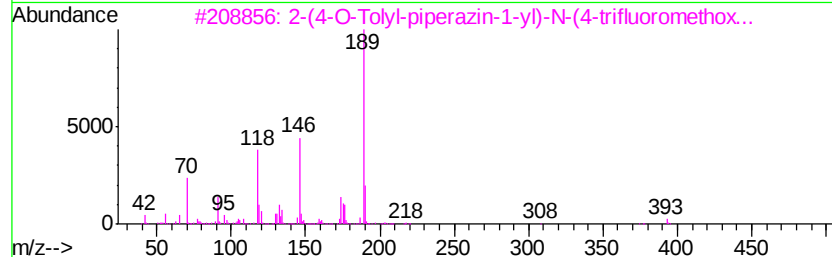
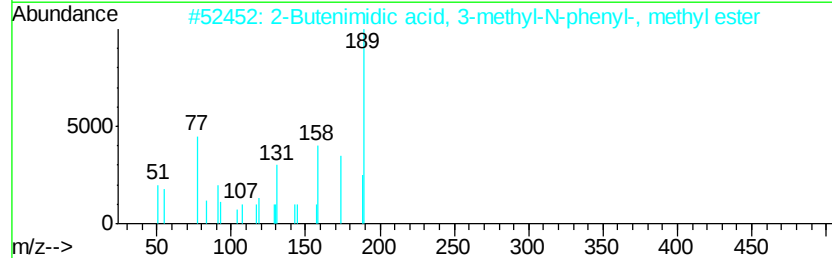
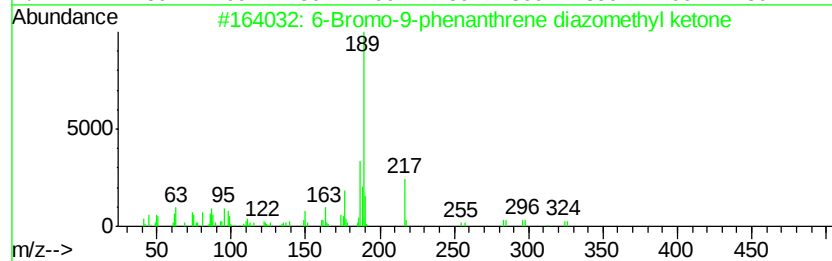
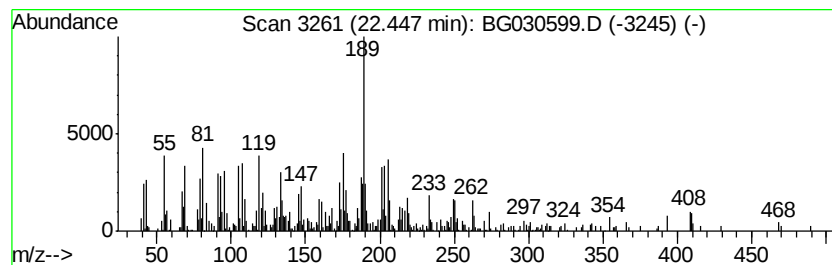
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 6-Bromo-9-phenanthrene diaz... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.45	19.27 ng/ul	1206000	Chrysene-d12	21.79		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Bromo-9-phenanthrene diazometh...	324	C16H9BrN2O	1000254-49-2	64	
2	2-Butenimidic acid, 3-methyl-N-p...	189	C12H15NO	056830-02-5	43	
3	2-(4-O-Tolyl-piperazin-1-yl)-N-(...	393	C20H22F3N3O2	1000301-41-9	38	
4	9-Methyltetracyclo[7.3.1.0(2.7)...	204	C15H24	1000215-30-5	38	
5	Piperazine, 1-(2,6-dimethylpheny...	374	C20H26N2O3S	1000310-16-2	35	



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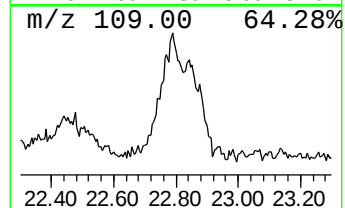
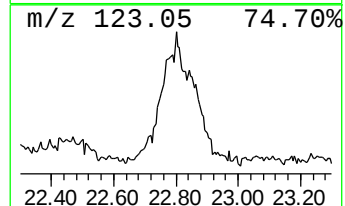
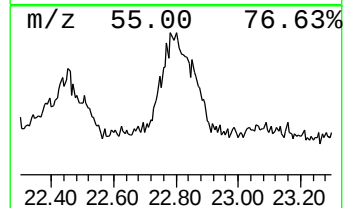
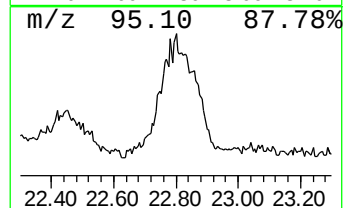
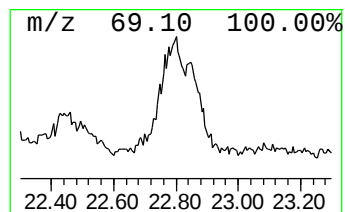
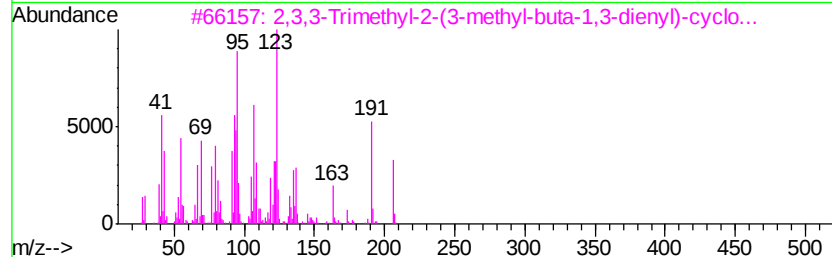
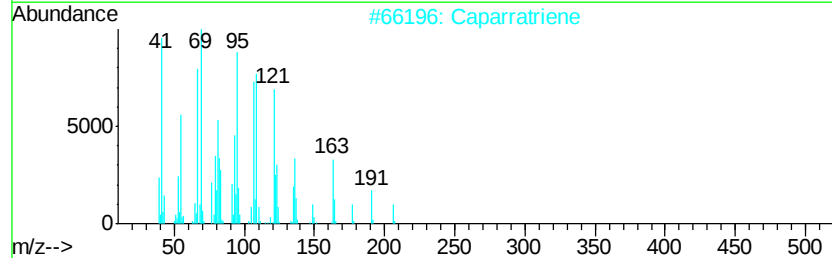
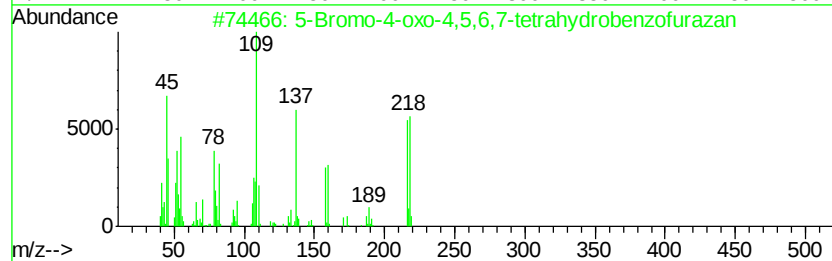
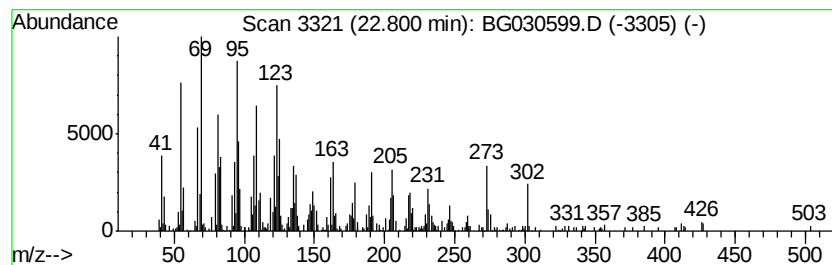
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.80	24.98 ng/ul	1563640	Chrysene-d12	21.79		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	90	
2	Caparratriene	206	C15H26	1000374-08-7	45	
3	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	42	
4	1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	42	
5	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	42	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030599.D
Acq On : 31 Oct 2017 4:08
Operator : SJ/JU
Sample : I6195-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SVOC-GPC-BLANK

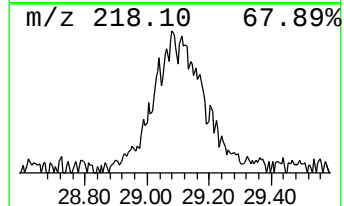
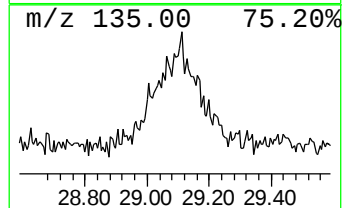
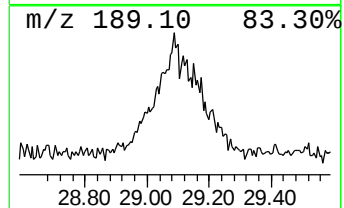
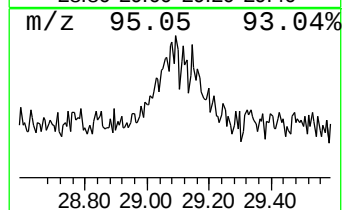
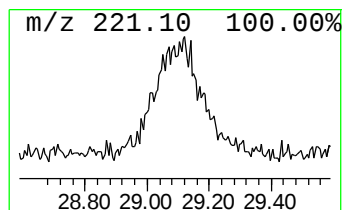
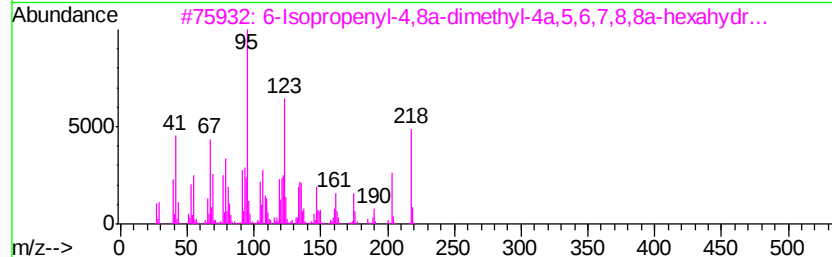
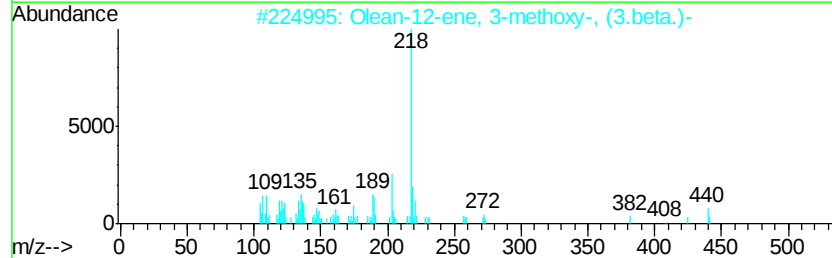
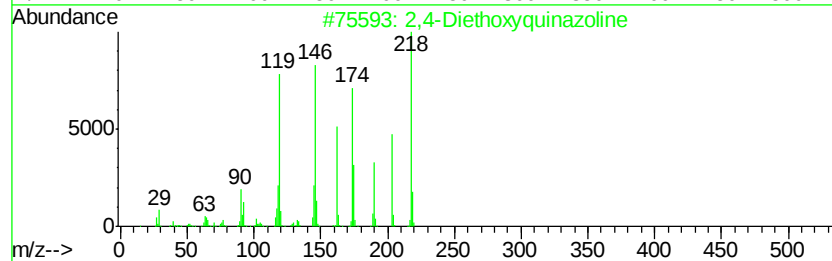
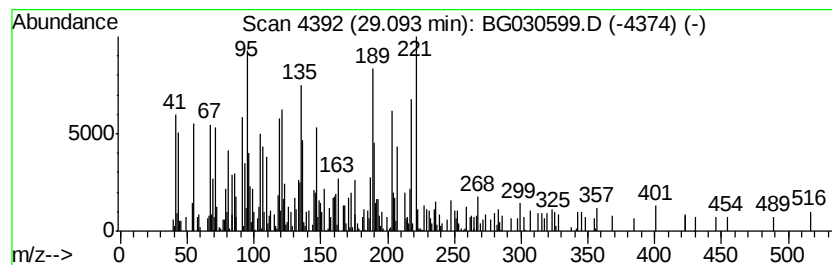
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.09	3.81 ng/ul	240499	Perylene-d12	25.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diethoxyquinazoline			218	C12H14N2O2	000611-65-4	35
2	Olean-12-ene, 3-methoxy-, (3.beta...			440	C31H52O	014021-26-2	27
3	6-Isopropenyl-4,8a-dimethyl-4a,5...			218	C15H22O	086917-79-5	25
4	.alpha.-Amyrin			426	C30H50O	000638-95-9	25
5	Coumarin, 7-hydroxy-4-methyl-3-p...			218	C13H14O3	019491-93-1	18



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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SVOC-GPC-BLANK

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Stigmast-4-en-3-one	19.46	2.0	ng/ul	113333	4	17.52	1107040	20.0
6-Bromo-9-phenant...	22.45	19.3	ng/ul	1206000	5	21.79	1251970	20.0
5-Bromo-4-oxo-4,5...	22.80	25.0	ng/ul	1563640	5	21.79	1251970	20.0
unknown-01	29.09	3.8	ng/ul	240499	6	25.10	1262100	20.0