

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
 Data File : BG028351.D
 Acq On : 15 Aug 2017 20:00
 Operator : SJ/JU
 Sample : I4672-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AH0

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-BG080217.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	3.848	37	44	49	rBV5	5560	9162	0.77%	0.068%
2	4.348	126	129	135	rVB2	3697	6623	0.56%	0.049%
3	5.082	249	254	259	rVV2	1684	3877	0.33%	0.029%
4	5.458	313	318	324	rBV2	1908	3636	0.31%	0.027%
5	7.509	659	667	683	rBV	119952	259319	21.77%	1.933%
6	7.673	688	695	707	rVV	92392	164328	13.80%	1.225%
7	7.890	721	732	747	rBV	117354	232491	19.52%	1.733%
8	8.208	783	786	791	rVB3	1960	2820	0.24%	0.021%
9	8.361	805	812	822	rVV	134924	250652	21.04%	1.868%
10	8.613	846	855	862	rVB3	2482	6082	0.51%	0.045%
11	9.054	923	930	949	rBV2	131818	270209	22.68%	2.014%
12	9.524	1003	1010	1022	rVV	136746	267567	22.46%	1.994%
13	10.252	1125	1134	1149	rBV2	114331	231817	19.46%	1.728%
14	10.493	1171	1175	1181	rBV2	1549	2704	0.23%	0.020%
15	10.722	1205	1214	1220	rVV4	8604	16735	1.40%	0.125%
16	10.799	1220	1227	1239	rBV	163652	334439	28.08%	2.493%
17	10.952	1252	1253	1261	rVB3	1994	2791	0.23%	0.021%
18	11.034	1264	1267	1273	rBV2	1533	3289	0.28%	0.025%
19	11.181	1282	1292	1306	rBV	212694	412695	34.65%	3.076%
20	11.310	1306	1314	1331	rVB2	133014	278722	23.40%	2.077%
21	12.162	1456	1459	1465	rBV2	1901	2739	0.23%	0.020%
22	12.538	1515	1523	1527	rVB4	2148	5113	0.43%	0.038%
23	12.626	1532	1538	1542	rBV2	2538	4330	0.36%	0.032%
24	12.732	1548	1556	1562	rBV3	2272	6396	0.54%	0.048%
25	12.814	1565	1570	1574	rBV3	3516	3883	0.33%	0.029%
26	13.032	1601	1607	1612	rBV4	2640	4428	0.37%	0.033%
27	13.261	1642	1646	1652	rBV3	1746	3068	0.26%	0.023%
28	13.314	1652	1655	1664	rVV3	2277	4528	0.38%	0.034%
29	13.425	1668	1674	1678	rVB3	1784	4029	0.34%	0.030%
30	13.554	1692	1696	1702	rVB3	3451	5706	0.48%	0.043%
31	13.648	1702	1712	1714	rBV	1536	4005	0.34%	0.030%
32	13.801	1733	1738	1742	rBV2	1662	2972	0.25%	0.022%
33	13.954	1758	1764	1769	rVB4	3770	5381	0.45%	0.040%
34	14.248	1805	1814	1824	rBV6	8688	25645	2.15%	0.191%

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35	14.354	1824	1832	1836	rBV	363673	550039	46.18%	4.099%
36	14.400	1836	1840	1848	rVB	122629	190164	15.96%	1.417%
37	14.530	1857	1862	1865	rVB4	2109	2859	0.24%	0.021%
38	14.659	1876	1884	1898	rBV	385784	638122	53.57%	4.756%
39	14.806	1903	1909	1920	rVB2	107065	187201	15.72%	1.395%
40	14.965	1926	1936	1952	rVB2	361804	636968	53.47%	4.747%
41	15.170	1963	1971	1990	rVV	89764	223875	18.79%	1.669%
42	15.370	1998	2005	2011	rVB7	14070	25101	2.11%	0.187%
43	15.429	2013	2015	2020	rVB3	4126	3389	0.28%	0.025%
44	15.652	2048	2053	2057	rBV5	2764	5039	0.42%	0.038%
45	15.728	2061	2066	2068	rBV5	2704	3368	0.28%	0.025%
46	15.764	2068	2072	2078	rVB2	12590	18297	1.54%	0.136%
47	15.887	2088	2093	2096	rBV4	5831	6745	0.57%	0.050%
48	15.952	2096	2104	2116	rBV	542734	855365	71.81%	6.375%
49	16.069	2116	2124	2135	rBV	175342	288113	24.19%	2.147%
50	16.181	2139	2143	2154	rVB5	7495	18896	1.59%	0.141%
51	16.275	2154	2159	2161	rBV4	2439	4495	0.38%	0.034%
52	16.316	2163	2166	2170	rVB2	3762	5243	0.44%	0.039%
53	16.392	2176	2179	2185	rBV4	2926	6225	0.52%	0.046%
54	16.463	2186	2191	2197	rVB6	3084	7181	0.60%	0.054%
55	16.527	2197	2202	2208	rBV6	2951	6040	0.51%	0.045%
56	16.621	2213	2218	2228	rBV4	17745	35602	2.99%	0.265%
57	16.815	2245	2251	2255	rVV5	3821	6634	0.56%	0.049%
58	16.892	2262	2264	2267	rBV2	4096	3232	0.27%	0.024%
59	16.980	2275	2279	2280	rVB4	2194	2700	0.23%	0.020%
60	17.027	2283	2287	2291	rVB6	3144	5691	0.48%	0.042%
61	17.080	2291	2296	2299	rBV4	4973	6281	0.53%	0.047%
62	17.133	2303	2305	2312	rVB5	5757	8226	0.69%	0.061%
63	17.203	2312	2317	2319	rBV3	4096	7108	0.60%	0.053%
64	17.232	2319	2322	2326	rVB4	7653	9671	0.81%	0.072%
65	17.279	2327	2330	2333	rVB2	3154	3686	0.31%	0.027%
66	17.373	2342	2346	2349	rBV4	3696	5018	0.42%	0.037%
67	17.420	2349	2354	2359	rVV2	13083	17192	1.44%	0.128%
68	17.467	2359	2362	2366	rVB2	3787	5125	0.43%	0.038%
69	17.585	2378	2382	2386	rVB5	3666	3524	0.30%	0.026%
70	17.714	2396	2404	2409	rBV2	487900	783576	65.78%	5.840%
71	17.814	2415	2421	2431	rVB2	540346	888817	74.62%	6.624%

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72	17.973	2443	2448	2450	rVB6	3195	4721	0.40%	0.035%
73	18.055	2457	2462	2471	rBV9	7473	20087	1.69%	0.150%
74	18.126	2471	2474	2477	rVV	5248	6732	0.57%	0.050%
75	18.161	2477	2480	2484	rVB3	6033	7253	0.61%	0.054%
76	18.284	2499	2501	2505	rBV5	3490	3240	0.27%	0.024%
77	18.337	2507	2510	2513	rVB3	6640	8775	0.74%	0.065%
78	18.437	2523	2527	2528	rBV4	3839	3744	0.31%	0.028%
79	18.560	2542	2548	2558	rBV4	92130	162904	13.68%	1.214%
80	18.637	2558	2561	2569	rVB6	13325	21966	1.84%	0.164%
81	18.778	2583	2585	2590	rVB6	3592	5600	0.47%	0.042%
82	18.936	2607	2612	2623	rVB5	13190	27703	2.33%	0.206%
83	19.071	2630	2635	2637	rBV6	5774	10981	0.92%	0.082%
84	19.230	2659	2662	2668	rBV7	5926	11682	0.98%	0.087%
85	19.418	2690	2694	2698	rBV6	14702	26794	2.25%	0.200%
86	19.489	2701	2706	2710	rVB5	20002	25853	2.17%	0.193%
87	19.624	2725	2729	2735	rBV9	10067	20455	1.72%	0.152%
88	19.753	2735	2751	2756	rBV2	60329	131256	11.02%	0.978%
89	19.818	2757	2762	2774	rBV2	59292	108439	9.10%	0.808%
90	19.982	2787	2790	2795	rBV7	8771	14460	1.21%	0.108%
91	20.088	2801	2808	2819	rBV	740084	1191169	100.00%	8.878%
92	20.558	2883	2888	2893	rBV9	9979	24672	2.07%	0.184%
93	20.910	2945	2948	2952	rVB6	12736	14992	1.26%	0.112%
94	22.044	3133	3141	3156	rBV	492411	953945	80.08%	7.110%
95	23.590	3402	3404	3413	rVB8	23100	41391	3.47%	0.308%
96	24.471	3549	3554	3567	rVB3	48302	119001	9.99%	0.887%
97	25.323	3688	3699	3722	rBV2	274827	970078	81.44%	7.230%
98	25.564	3723	3740	3764	rVB2	212254	845703	71.00%	6.303%
99	26.727	3930	3938	3949	rVB4	57432	181973	15.28%	1.356%
100	28.208	4184	4190	4201	rVB5	39245	135088	11.34%	1.007%

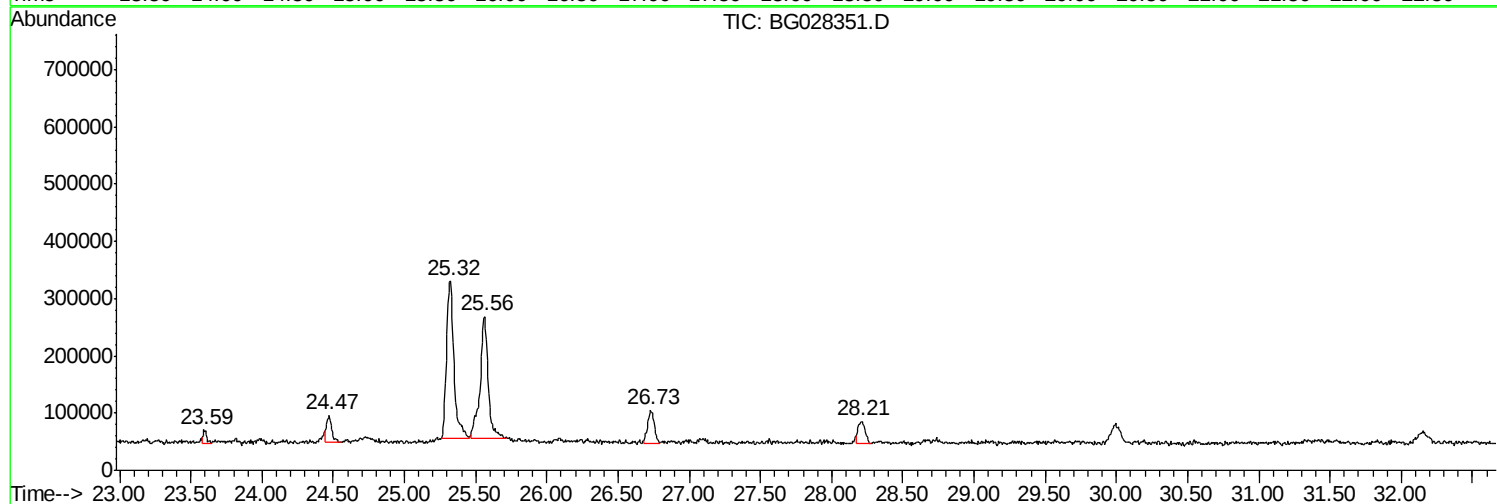
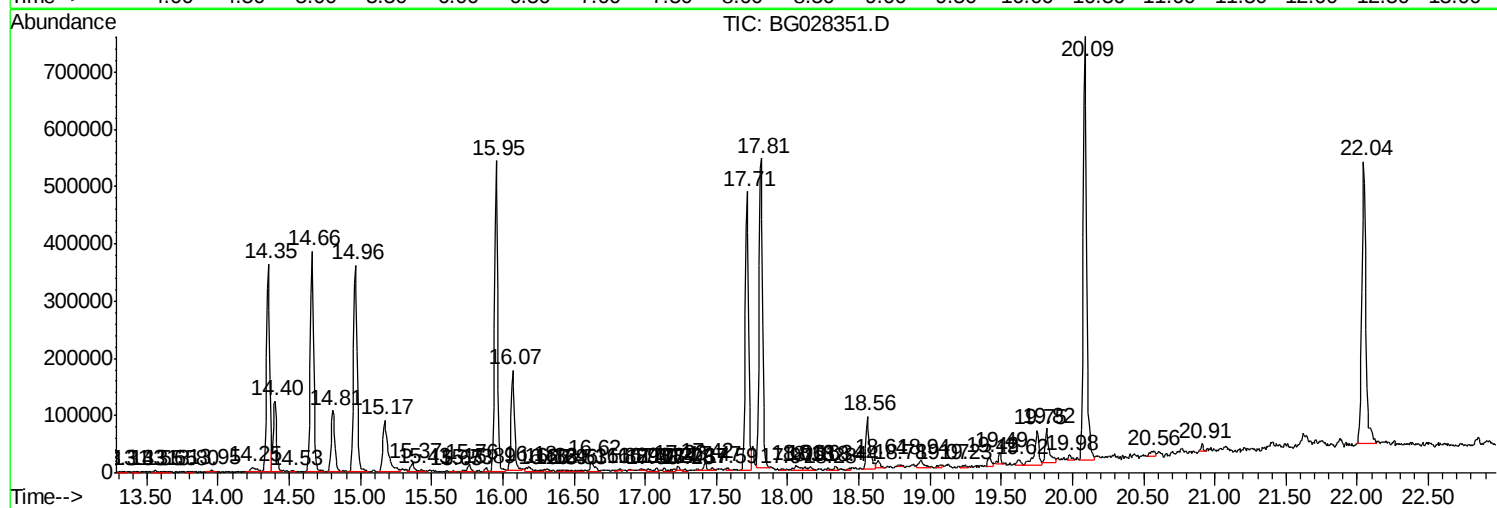
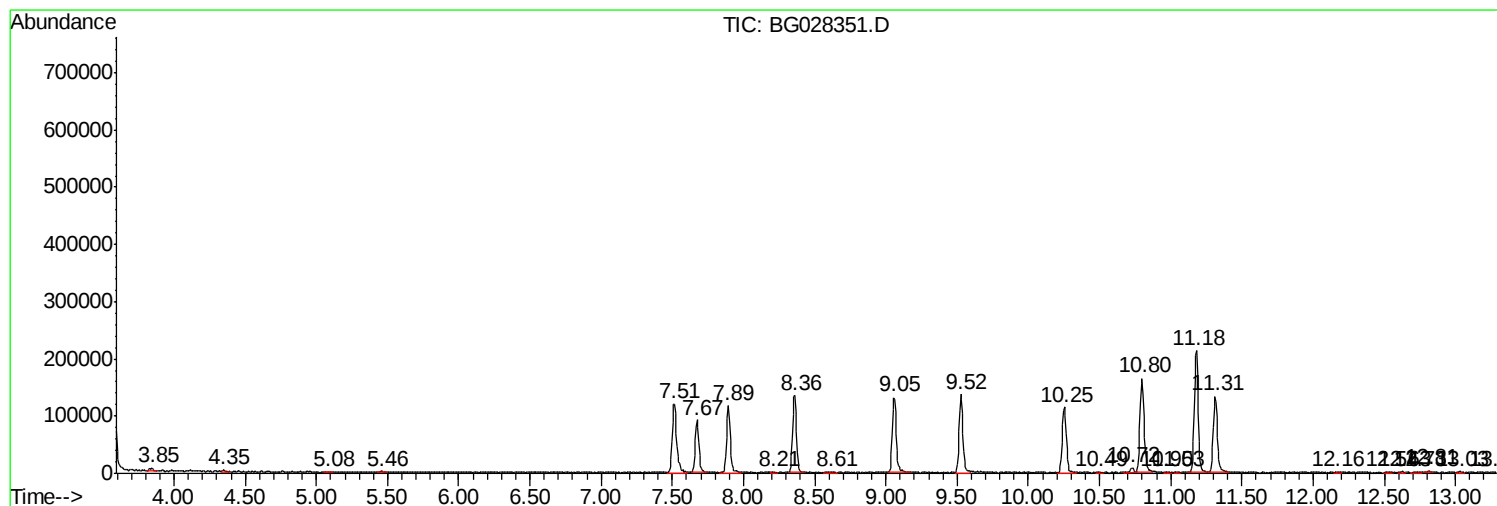
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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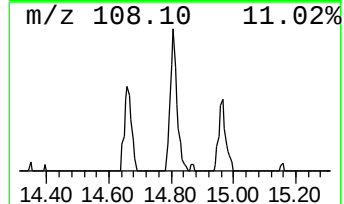
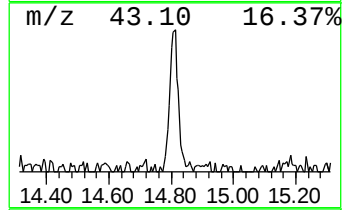
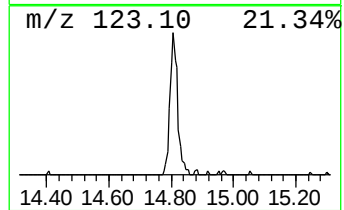
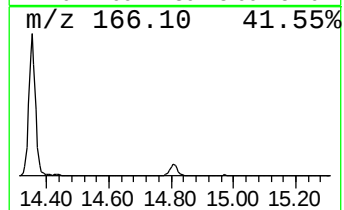
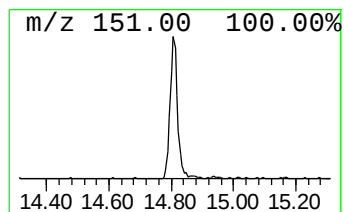
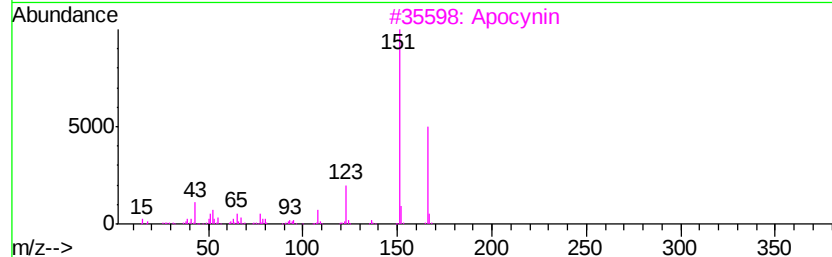
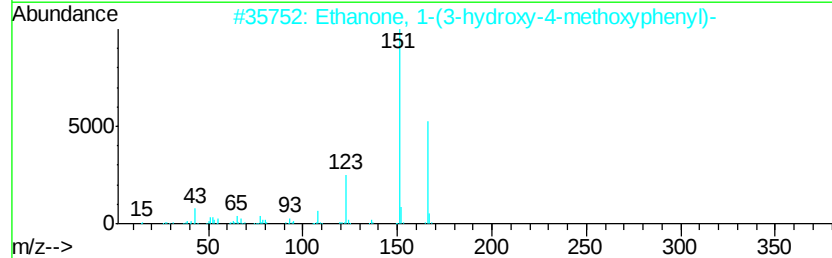
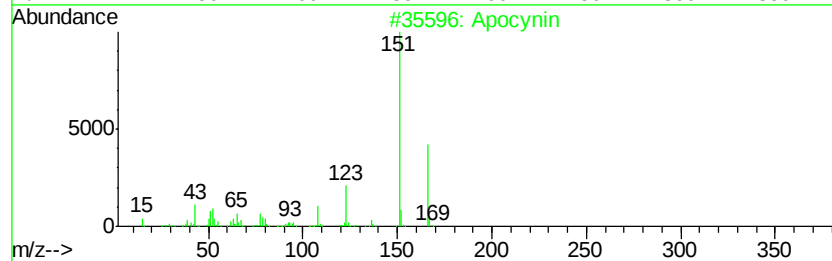
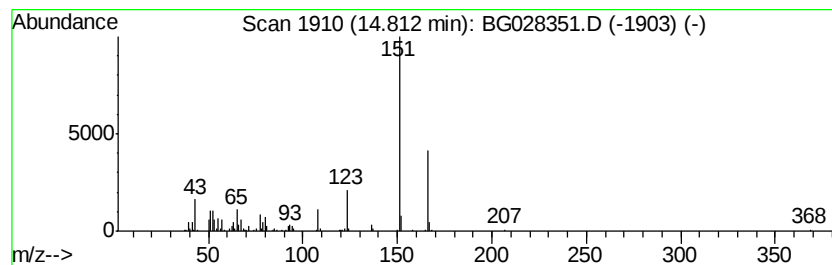
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Apocynin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	5.88 ng/ul	187201	Acenaphthene-d10	14.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Apocynin		166 C9H10O3	000498-02-2 96
2	Ethanone, 1-(3-hydroxy-4-methoxy...		166 C9H10O3	006100-74-9 95
3	Apocynin		166 C9H10O3	000498-02-2 95
4	Apocynin		166 C9H10O3	000498-02-2 91
5	Stibine, trimethyl-		166 C3H9Sb	000594-10-5 83



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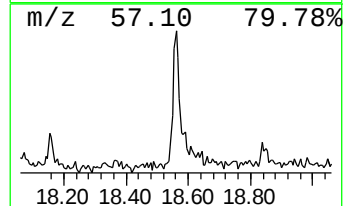
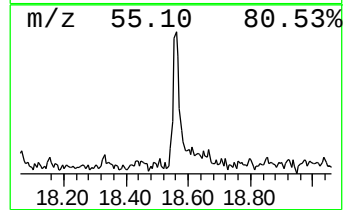
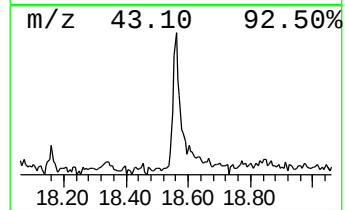
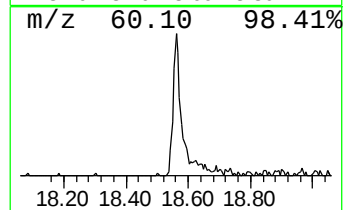
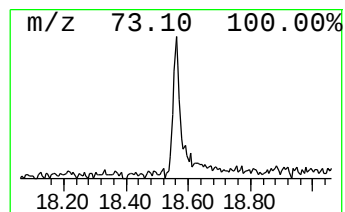
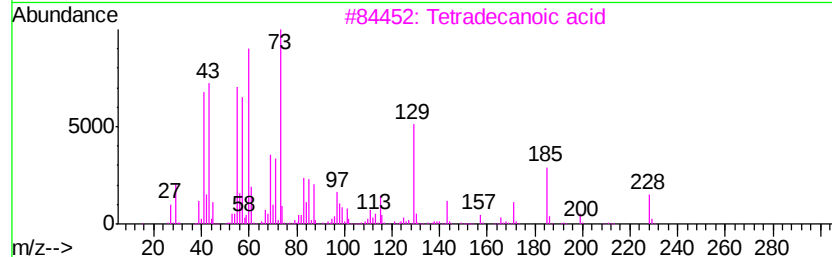
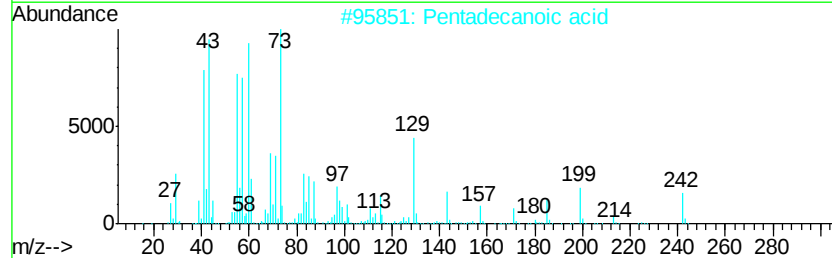
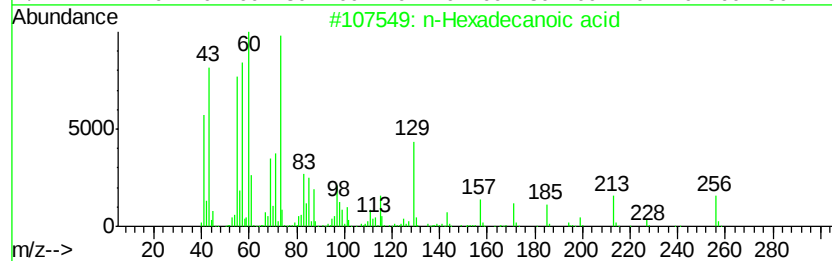
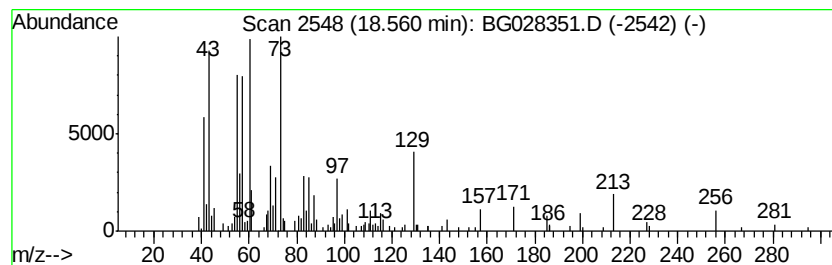
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	4.16 ng/ul	162904	Phenanthrene-d10	17.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72



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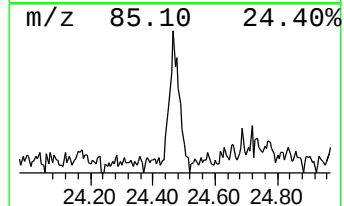
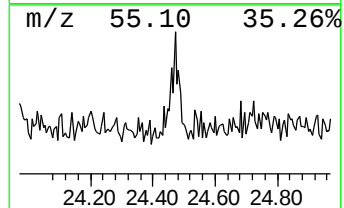
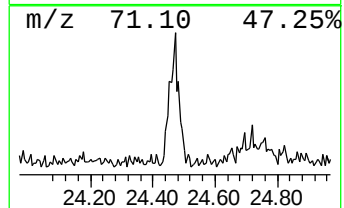
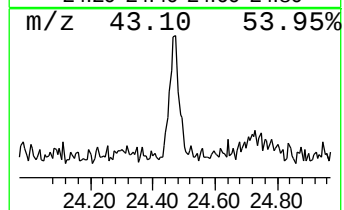
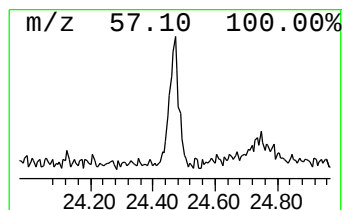
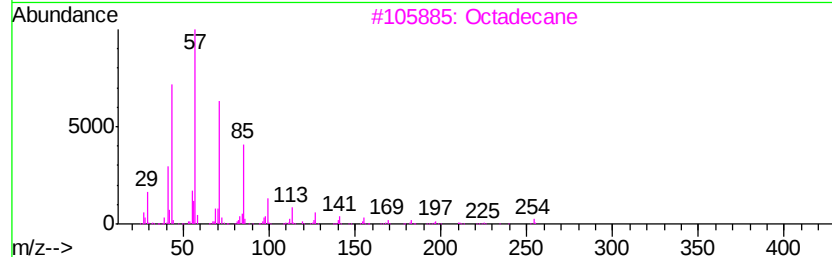
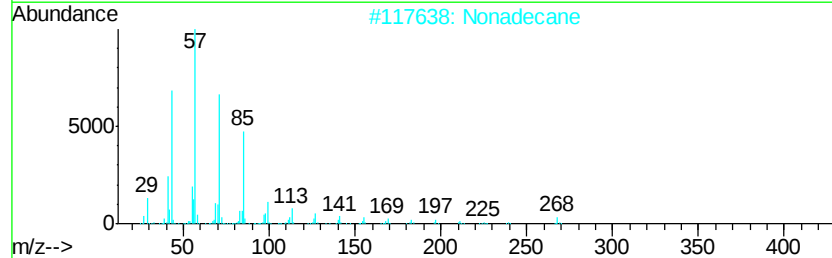
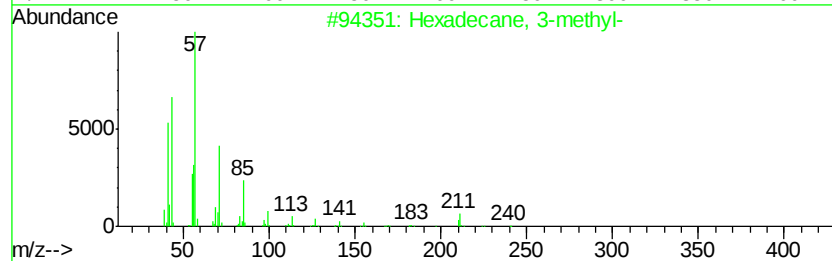
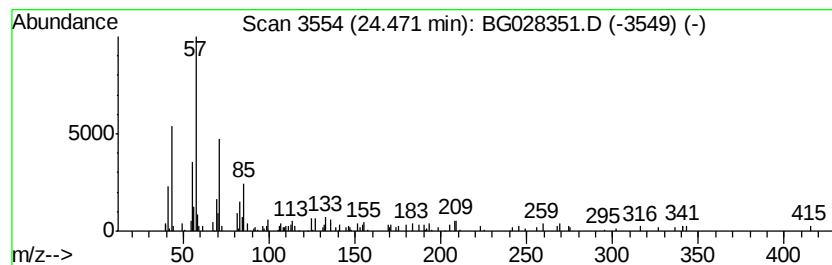
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.47	2.81 ng/ul	119001	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	64
2		Nonadecane	268	C19H40	000629-92-5	64
3		Octadecane	254	C18H38	000593-45-3	59
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
5		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028351.D
Acq On : 15 Aug 2017 20:00
Operator : SJ/JU
Sample : I4672-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COAH0

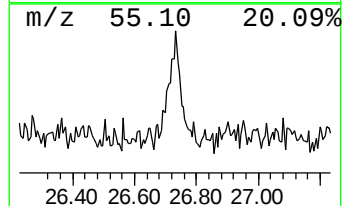
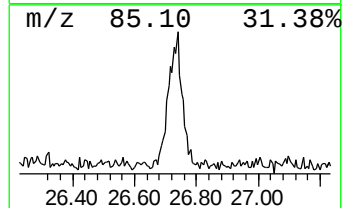
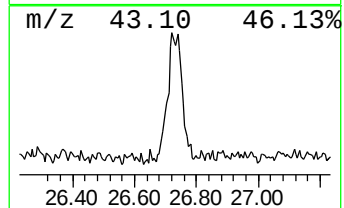
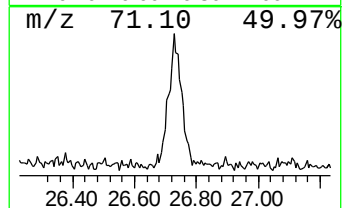
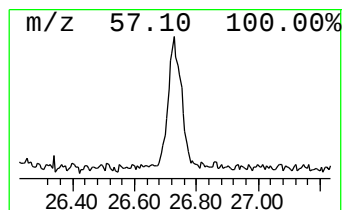
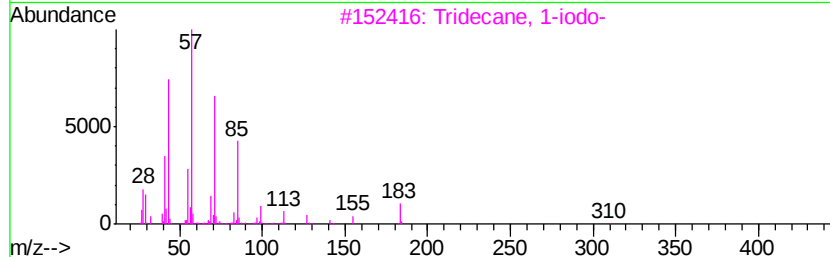
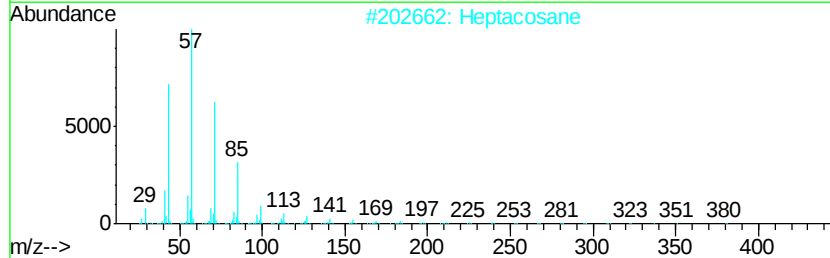
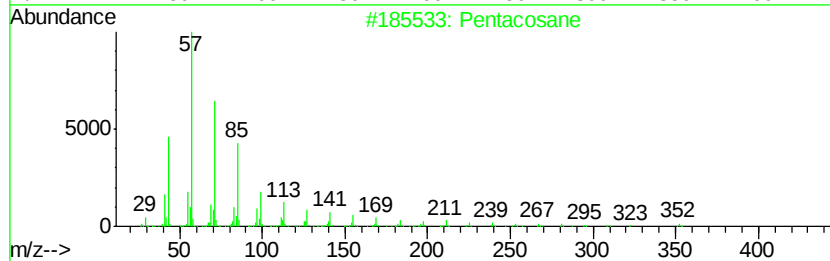
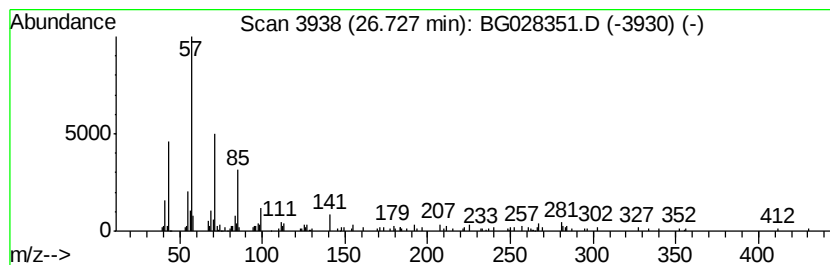
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	4.30 ng/ul	181973	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Heptacosane	380	C27H56	000593-49-7	72
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
4		Hexadecane	226	C16H34	000544-76-3	72
5		Eicosane	282	C20H42	000112-95-8	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028351.D
Acq On : 15 Aug 2017 20:00
Operator : SJ/JU
Sample : I4672-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COAH0

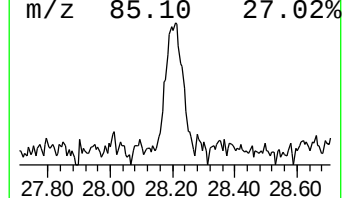
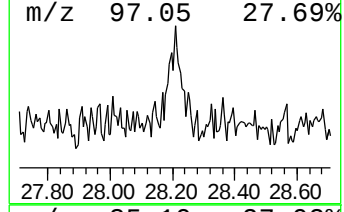
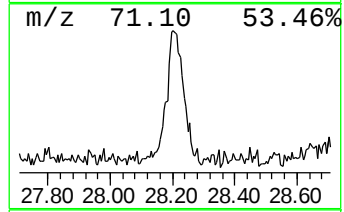
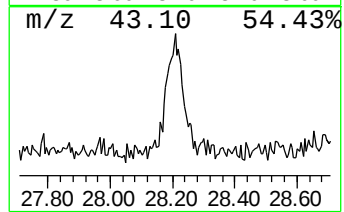
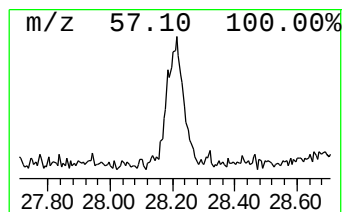
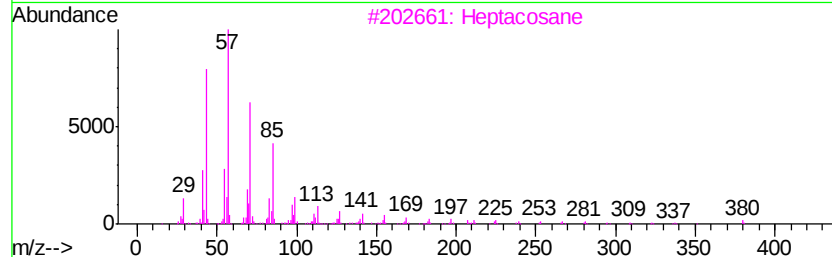
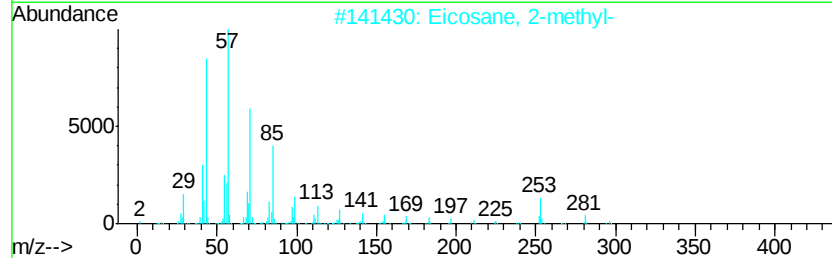
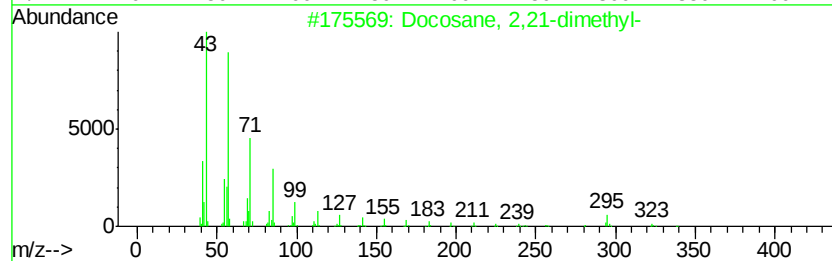
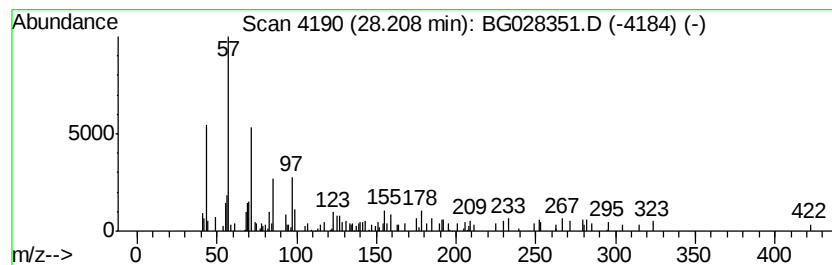
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.21	3.19 ng/ul	135088	Perylene-d12	25.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 2,21-dimethyl-	338	C24H50	077536-31-3	47
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	43
3		Heptacosane	380	C27H56	000593-49-7	43
4		Hexatriacontane	507	C36H74	000630-06-8	43
5		Pentacosane	352	C25H52	000629-99-2	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028351.D
Acq On : 15 Aug 2017 20:00
Operator : SJ/JU
Sample : I4672-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
Apocynin	14.81	5.9	ng/ul	187201	3	14.96	636968	20.0
n-Hexadecanoic acid	18.56	4.2	ng/ul	162904	4	17.71	783576	20.0
(DEL) Alkane: Str...	24.47	2.8	ng/ul	119001	6	25.56	845703	20.0
(DEL) Alkane: Str...	26.73	4.3	ng/ul	181973	6	25.56	845703	20.0
(DEL) Alkane: Str...	28.21	3.2	ng/ul	135088	6	25.56	845703	20.0