

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
 Data File : BG024428.D
 Acq On : 18 Oct 2016 20:38
 Operator : UM/SJ
 Sample : H5239-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC754

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\SOM02.2-EPA-BG0100716.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	4.410	264	267	273	rVB8	13047	18630	0.15%	0.027%
2	5.720	486	490	498	rVB9	14203	39351	0.33%	0.058%
3	5.802	498	504	507	rBV7	10278	18477	0.15%	0.027%
4	6.478	613	619	628	rVB8	14590	36179	0.30%	0.053%
5	6.789	669	672	679	rVB9	11617	21558	0.18%	0.032%
6	7.206	737	743	751	rBV10	20461	38514	0.32%	0.056%
7	7.412	770	778	787	rVV	179897	316233	2.62%	0.463%
8	7.594	802	809	817	rBV	432186	766138	6.35%	1.122%
9	7.806	834	845	853	rVB	490914	916700	7.60%	1.342%
10	8.282	916	926	936	rVV	637848	1141528	9.47%	1.671%
11	8.793	1008	1013	1017	rBV5	11798	26244	0.22%	0.038%
12	8.969	1033	1043	1054	rVV	469931	851368	7.06%	1.246%
13	9.075	1054	1061	1065	rVV9	10104	21780	0.18%	0.032%
14	9.251	1085	1091	1094	rBV4	10807	20186	0.17%	0.030%
15	9.457	1116	1126	1135	rBV	677795	1218118	10.10%	1.783%
16	10.179	1241	1249	1261	rVV2	599277	1118704	9.28%	1.638%
17	10.285	1261	1267	1274	rVV8	21597	54030	0.45%	0.079%
18	10.356	1274	1279	1287	rVV3	67674	128353	1.06%	0.188%
19	10.714	1332	1340	1350	rVB	841737	1531328	12.70%	2.242%
20	11.108	1400	1407	1417	rVB	958763	1786781	14.82%	2.616%
21	11.231	1424	1428	1440	rBV8	21679	52395	0.43%	0.077%
22	11.836	1524	1531	1539	rBV10	36406	72863	0.60%	0.107%
23	12.676	1668	1674	1681	rVV8	21156	41754	0.35%	0.061%
24	13.141	1746	1753	1756	rBV6	25121	40838	0.34%	0.060%
25	13.493	1808	1813	1817	rBV6	14050	22567	0.19%	0.033%
26	13.763	1853	1859	1865	rVB9	19652	36163	0.30%	0.053%
27	13.834	1865	1871	1877	rBV10	7980	20701	0.17%	0.030%
28	14.286	1937	1948	1955	rBV	1758199	2670016	22.14%	3.909%
29	14.527	1980	1989	1993	rBV	204552	328875	2.73%	0.481%
30	14.592	1993	2000	2010	rVB	1656842	2811879	23.32%	4.117%
31	14.897	2041	2052	2059	rBV	1708759	2817857	23.37%	4.125%
32	15.062	2072	2080	2089	rBV2	207874	382263	3.17%	0.560%
33	15.256	2106	2113	2119	rBV2	13417	29004	0.24%	0.042%
34	15.691	2182	2187	2190	rVB5	15215	20061	0.17%	0.029%

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35	15.796	2202	2205	2209	rBV3	44576	58410	0.48%	0.086%
36	15.884	2209	2220	2230	rVB	2478716	3966411	32.89%	5.807%
37	15.984	2230	2237	2249	rBV	996471	1526631	12.66%	2.235%
38	16.119	2253	2260	2263	rBV4	31598	49412	0.41%	0.072%
39	16.161	2263	2267	2273	rVB4	58446	92770	0.77%	0.136%
40	16.249	2273	2282	2298	rBV	832601	1341745	11.13%	1.964%
41	16.413	2303	2310	2314	rBV4	47317	73418	0.61%	0.107%
42	16.448	2314	2316	2320	rVB5	23744	25047	0.21%	0.037%
43	16.495	2321	2324	2331	rVB7	10486	20780	0.17%	0.030%
44	16.742	2361	2366	2371	rBV9	15459	29508	0.24%	0.043%
45	16.960	2398	2403	2413	rBV5	57707	130341	1.08%	0.191%
46	17.042	2413	2417	2423	rVB4	48494	73923	0.61%	0.108%
47	17.224	2445	2448	2453	rBV6	11657	19595	0.16%	0.029%
48	17.418	2477	2481	2489	rBV9	18842	34141	0.28%	0.050%
49	17.512	2489	2497	2502	rVB9	13904	23607	0.20%	0.035%
50	17.635	2508	2518	2528	rBV	2205872	3509623	29.11%	5.138%
51	17.735	2528	2535	2544	rBV2	2726026	4327985	35.89%	6.336%
52	17.882	2558	2560	2566	rVB5	16396	19327	0.16%	0.028%
53	18.111	2592	2599	2604	rBV3	169363	250767	2.08%	0.367%
54	18.270	2619	2626	2630	rBV10	33477	55072	0.46%	0.081%
55	18.323	2630	2635	2655	rVB	310412	580132	4.81%	0.849%
56	18.470	2655	2660	2674	rBV3	204541	422833	3.51%	0.619%
57	18.564	2674	2676	2681	rVB4	21024	24915	0.21%	0.036%
58	18.857	2721	2726	2729	rBV7	12969	18426	0.15%	0.027%
59	18.998	2747	2750	2753	rBV5	17319	23483	0.19%	0.034%
60	19.045	2753	2758	2765	rVB8	38186	63948	0.53%	0.094%
61	19.134	2768	2773	2775	rBV6	11268	21137	0.18%	0.031%
62	19.257	2791	2794	2798	rBV6	18232	26324	0.22%	0.039%
63	19.374	2813	2814	2819	rVB5	19051	24913	0.21%	0.036%
64	19.421	2819	2822	2827	rBV7	14969	30208	0.25%	0.044%
65	19.639	2850	2859	2865	rVB3	69566	179107	1.49%	0.262%
66	19.745	2872	2877	2888	rBV3	165157	345820	2.87%	0.506%
67	19.827	2888	2891	2896	rBV5	42280	60754	0.50%	0.089%
68	19.897	2898	2903	2910	rVB6	32504	66197	0.55%	0.097%
69	20.009	2911	2922	2931	rBV	3236722	5123546	42.49%	7.501%
70	20.115	2936	2940	2946	rBV9	22772	48018	0.40%	0.070%
71	20.520	3005	3009	3016	rBV6	52251	72900	0.60%	0.107%

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72	20.585	3017	3020	3022	rBV4	27298	31022	0.26%	0.045%
73	20.702	3022	3040	3062	rBV	7208343	12058281	100.00%	17.654%
74	21.166	3115	3119	3124	rVB8	56572	84550	0.70%	0.124%
75	21.860	3233	3237	3241	rBV6	44076	67245	0.56%	0.098%
76	21.936	3243	3250	3260	rVB	2262672	3917122	32.48%	5.735%
77	22.159	3287	3288	3293	rBV5	17189	19517	0.16%	0.029%
78	22.535	3350	3352	3354	rBV3	16702	19133	0.16%	0.028%
79	22.641	3365	3370	3375	rBV5	51421	94036	0.78%	0.138%
80	22.700	3379	3380	3384	rBV4	17166	21056	0.17%	0.031%
81	22.947	3419	3422	3424	rBV4	30258	34593	0.29%	0.051%
82	23.182	3460	3462	3465	rBV4	21649	20486	0.17%	0.030%
83	23.552	3520	3525	3534	rVB4	38938	97922	0.81%	0.143%
84	24.163	3625	3629	3636	rBV9	30513	69289	0.57%	0.101%
85	24.339	3654	3659	3663	rBV8	31227	62762	0.52%	0.092%
86	24.651	3705	3712	3720	rVB8	42653	117241	0.97%	0.172%
87	25.138	3782	3795	3811	rVB2	1550203	4835033	40.10%	7.079%
88	25.379	3823	3836	3849	rVB2	1249036	3974799	32.96%	5.819%
89	26.307	3991	3994	3996	rVB4	27821	31289	0.26%	0.046%
90	26.560	4032	4037	4048	rVB4	47581	131075	1.09%	0.192%
91	27.682	4221	4228	4230	rBV7	30109	59190	0.49%	0.087%
92	28.017	4279	4285	4297	rVB7	38933	123044	1.02%	0.180%
93	28.382	4345	4347	4352	rBV6	28058	30625	0.25%	0.045%
94	29.557	4544	4547	4551	rBV5	23251	27496	0.23%	0.040%
95	29.686	4564	4569	4571	rBV5	15971	22302	0.18%	0.033%
96	29.762	4579	4582	4586	rBV6	32581	48793	0.40%	0.071%
97	30.291	4669	4672	4675	rVB4	16065	18779	0.16%	0.027%
98	31.349	4850	4852	4858	rBV7	26095	39682	0.33%	0.058%
99	32.001	4961	4963	4970	rBV7	19657	33603	0.28%	0.049%
100	32.389	5027	5029	5036	rVB7	19519	36156	0.30%	0.053%

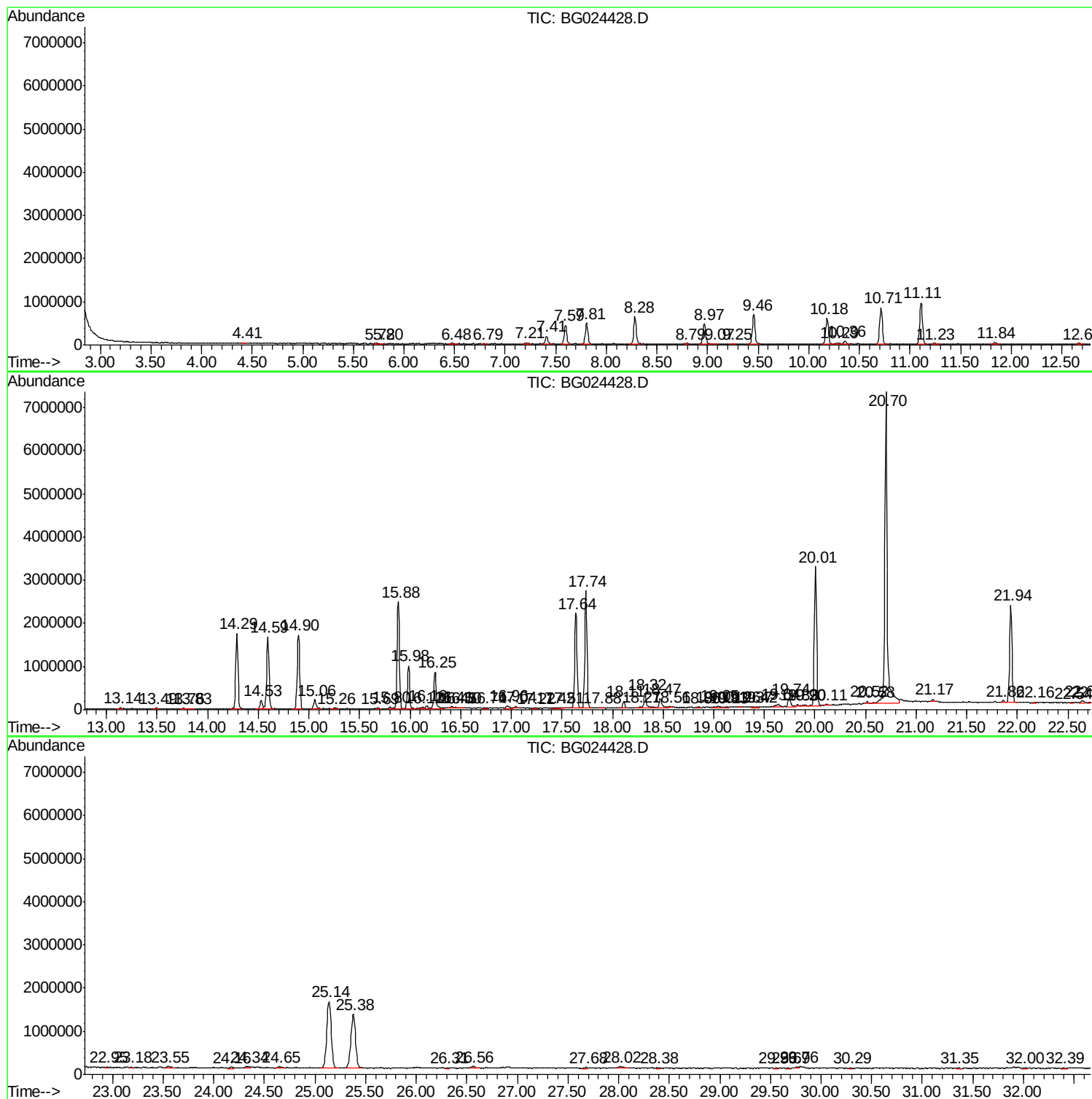
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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ClientSampled :
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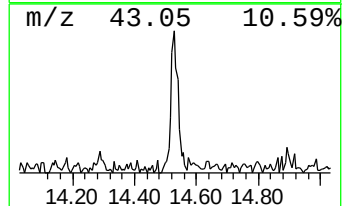
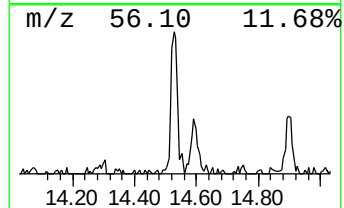
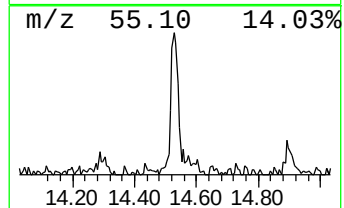
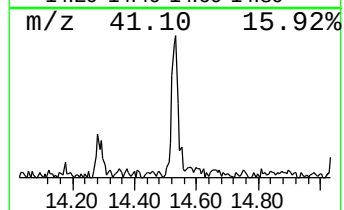
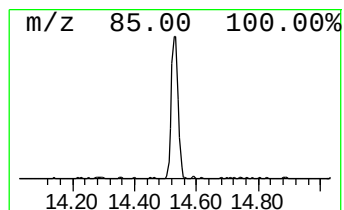
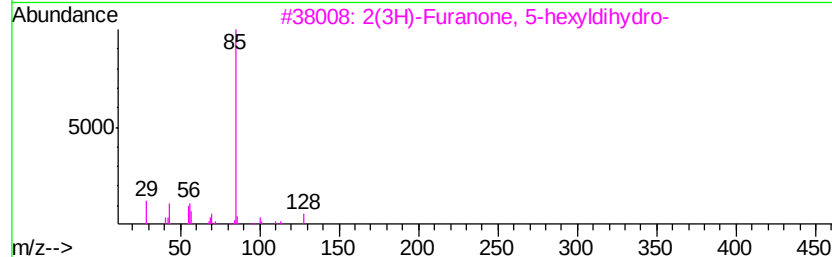
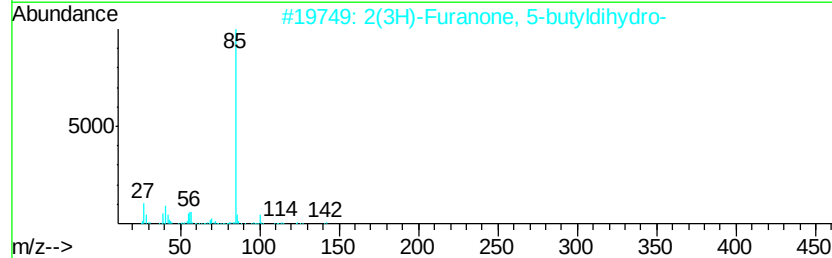
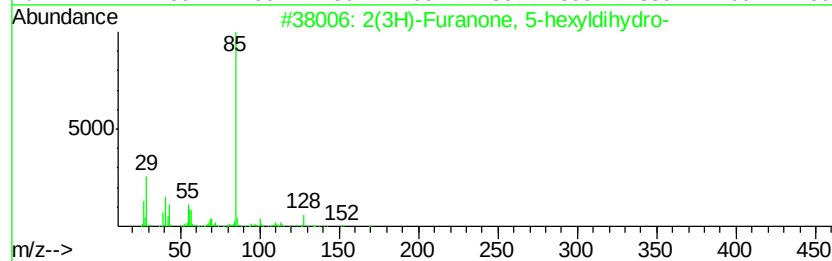
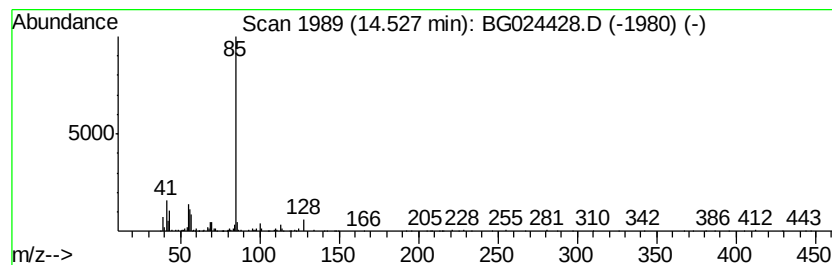
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2(3H)-Furanone, 5-hexyldihy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.33 ng/ul	328875	Acenaphthene-d10	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(3H)-Furanone, 5-hexyldihydro-	170	C10H18O2	000706-14-9	78
2		2(3H)-Furanone, 5-butyldihydro-	142	C8H14O2	000104-50-7	72
3		2(3H)-Furanone, 5-hexyldihydro-	170	C10H18O2	000706-14-9	72
4		2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	72
5		2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	72



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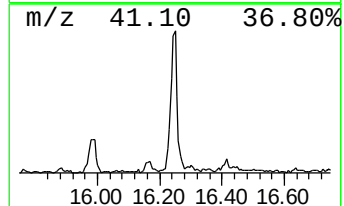
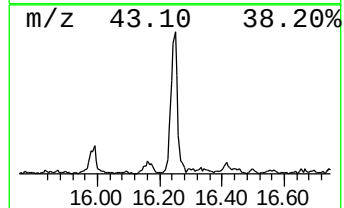
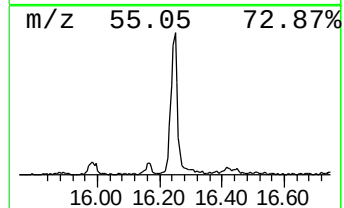
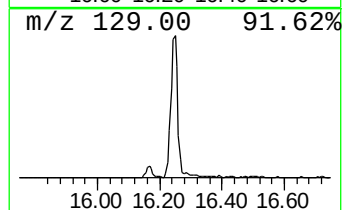
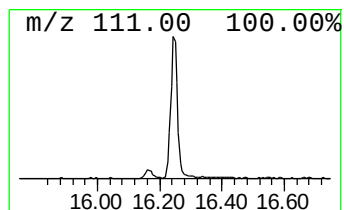
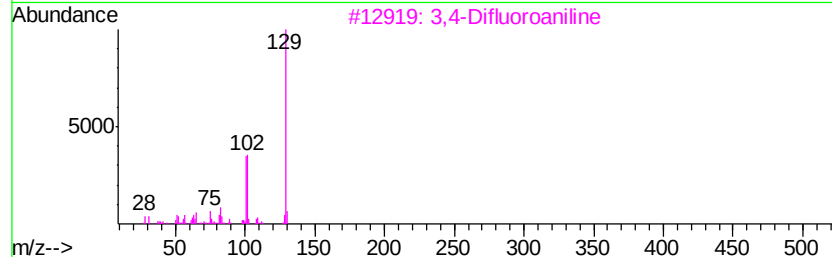
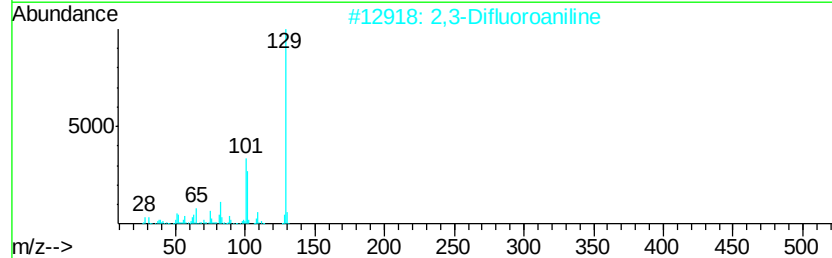
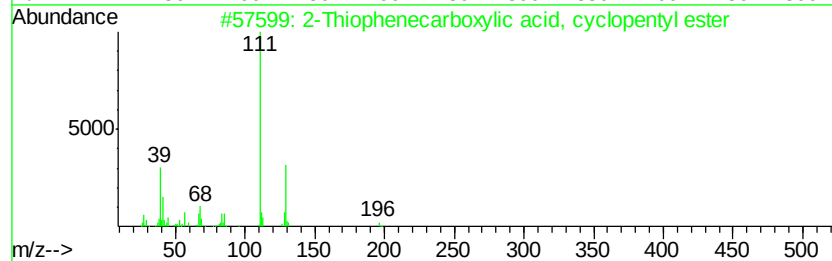
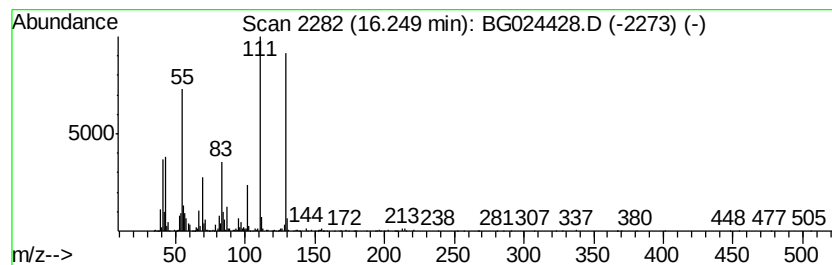
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 2-Thiophenecarboxylic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	9.52 ng/ul	1341750	Acenaphthene-d10	14.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Thiophenecarboxylic acid, cycl...	196	C10H12O2S	1000278-88-2	53
2		2,3-Difluoroaniline	129	C6H5F2N	004519-40-8	38
3		3,4-Difluoroaniline	129	C6H5F2N	003863-11-4	38
4		Cyclohexanecarboxylic acid, hept...	366	C24H46O2	1000282-80-3	38
5		Cyclohexanecarboxylic acid, octy...	240	C15H28O2	089611-20-1	38



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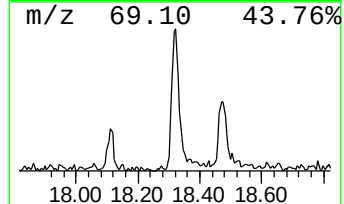
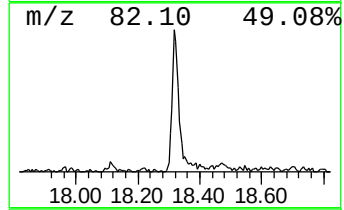
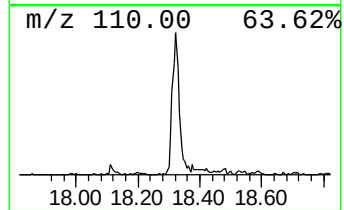
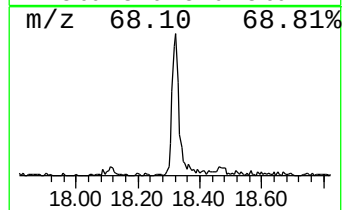
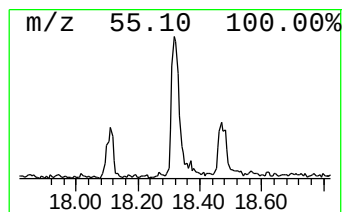
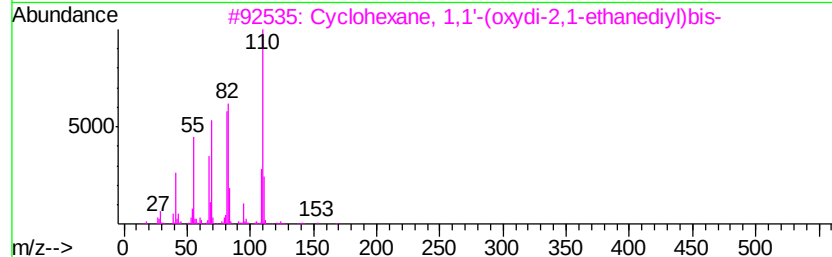
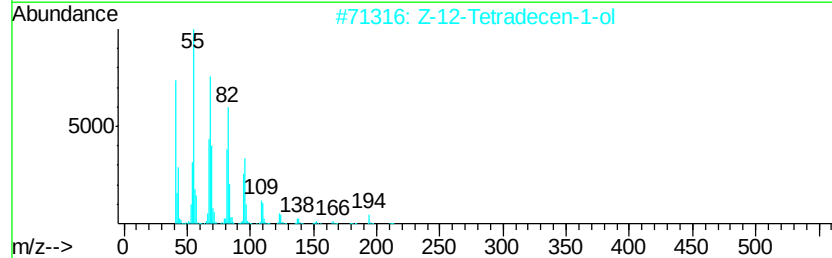
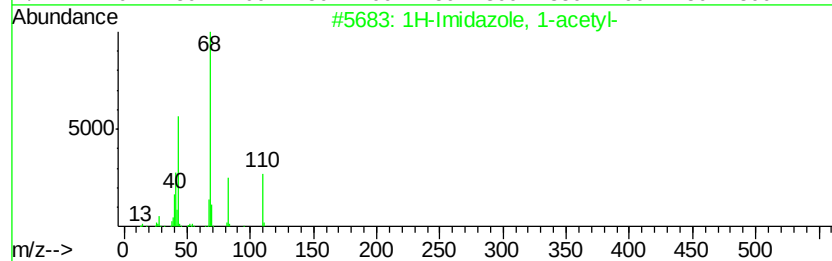
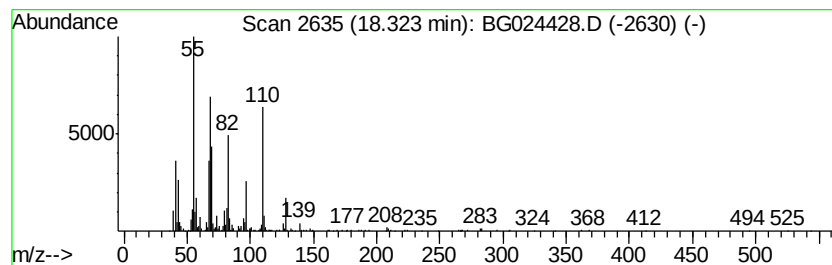
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.31 ng/ul	580132	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Imidazole, 1-acetyl-	110	C5H6N2O	002466-76-4	43
2		Z-12-Tetradecen-1-ol	212	C14H28O	1000130-84-0	40
3		Cyclohexane, 1,1'-(oxydi-2,1-eth...	238	C16H30O	055255-91-9	37
4		Cyclohexanecarboxylic acid, 3,5-...	238	C15H26O2	1000279-52-3	35
5		2(1H)Pyrimidinone,1-methyl-	110	C5H6N2O	003739-81-9	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
Data File : BG024428.D
Acq On : 18 Oct 2016 20:38
Operator : UM/SJ
Sample : H5239-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

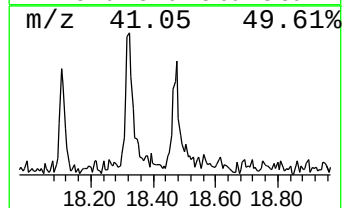
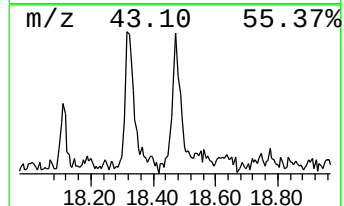
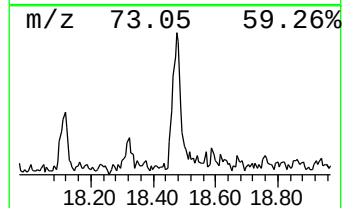
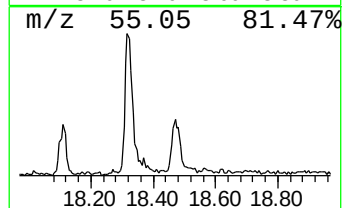
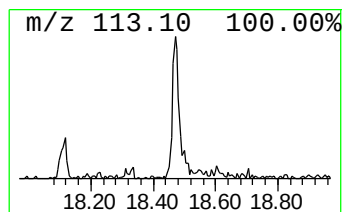
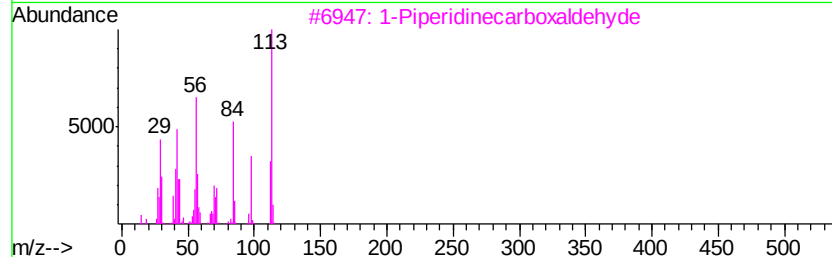
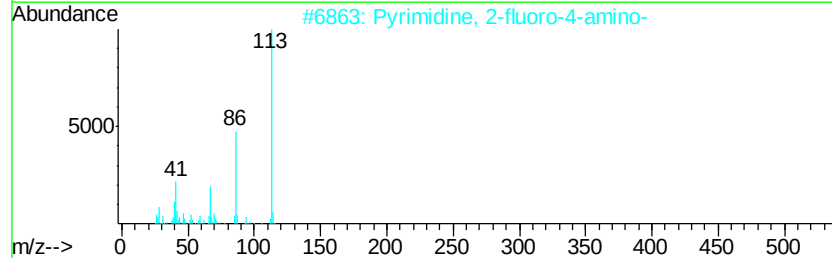
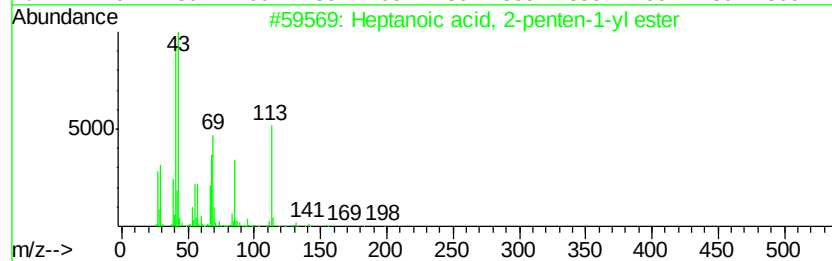
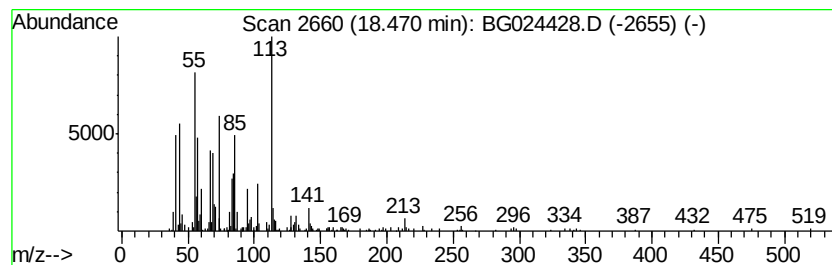
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.41 ng/ul	422833	Phenanthrene-d10	17.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptanoic acid, 2-penten-1-yl ester	198 C12H22O2	1000160-09-1	43
2	Pyrimidine, 2-fluoro-4-amino-	113 C4H4FN3	096548-91-3	35
3	1-Piperidinecarboxaldehyde	113 C6H11NO	002591-86-8	35
4	Furoxan, 3-[[hydroxy(4-methyl-3-...	257 C8H11N5O5	351065-13-9	30
5	Pyrrolidine, 1-(1-oxo-6,11-eicos...	361 C24H43NO	1000112-13-4	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
Data File : BG024428.D
Acq On : 18 Oct 2016 20:38
Operator : UM/SJ
Sample : H5239-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC754

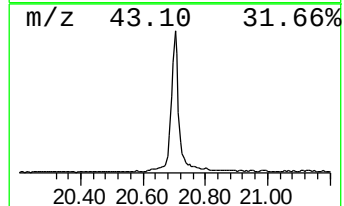
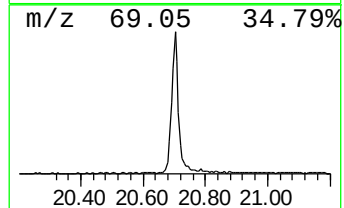
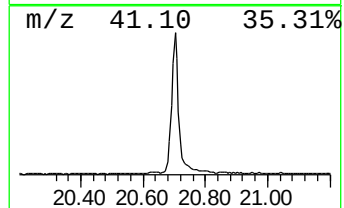
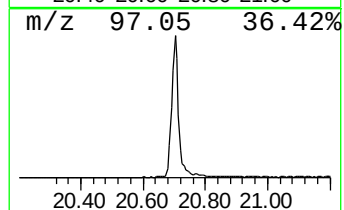
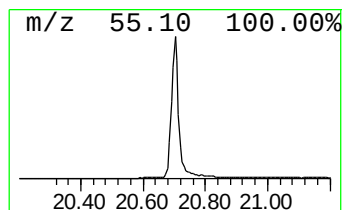
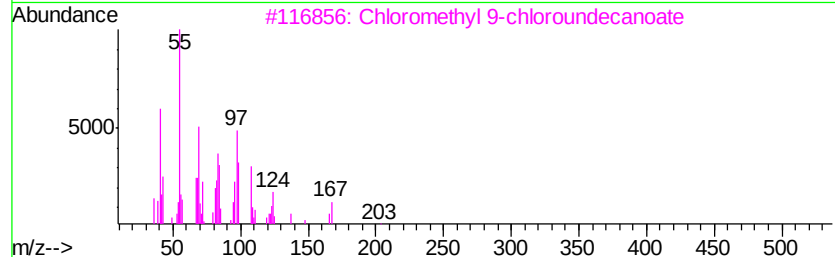
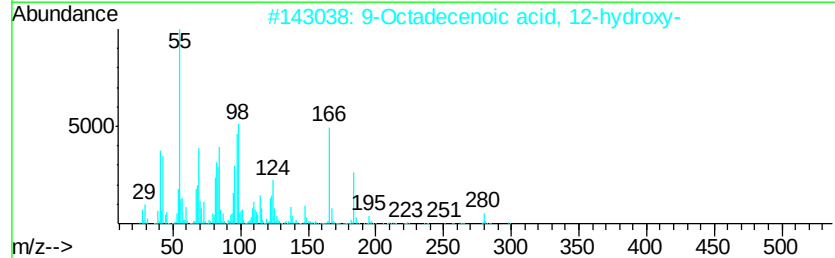
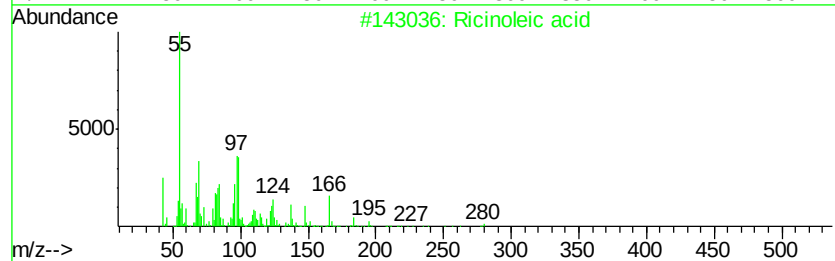
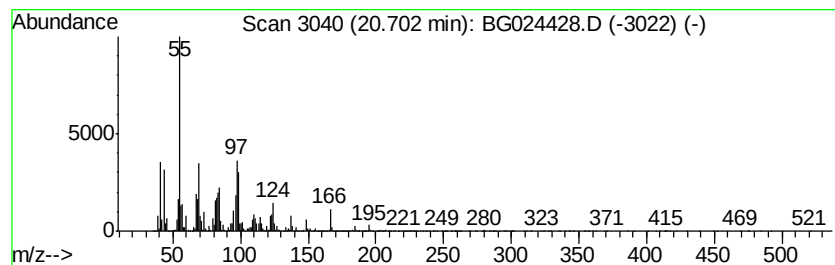
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Ricinoleic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	61.57 ng/ul	12058300	Chrysene-d12	21.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ricinoleic acid	298	C18H34O3	000141-22-0	91
2		9-Octadecenoic acid, 12-hydroxy-	298	C18H34O3	007431-95-0	86
3		Chloromethyl 9-chloroundecanoate	268	C12H22Cl2O2	080418-95-7	59
4		Ricinoleic acid	298	C18H34O3	000141-22-0	53
5		Myristoleic acid	226	C14H26O2	000544-64-9	50



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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC754

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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
2(3H)-Furanone, 5...	14.53	2.3	ng/ul	328875	3	14.90	2817860	20.0
2-Thiophenecarbox...	16.25	9.5	ng/ul	1341750	3	14.90	2817860	20.0
unknown-01	18.32	3.3	ng/ul	580132	4	17.64	3509620	20.0
unknown-02	18.47	2.4	ng/ul	422833	4	17.64	3509620	20.0
Ricinoleic acid	20.70	61.6	ng/ul	12058300	5	21.94	3917120	20.0