

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
 Data File : BG028013.D
 Acq On : 21 Jul 2017 00:43
 Operator : SJ/JU
 Sample : I4209-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B15

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-BG071717.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	3.854	41	45	55	rBV3	10172	16544	0.69%	0.096%
2	4.130	89	92	101	rBV4	2636	5743	0.24%	0.033%
3	6.445	481	486	494	rBV2	1396	3641	0.15%	0.021%
4	7.515	657	668	684	rBV2	195717	395509	16.54%	2.296%
5	7.685	688	697	709	rBV	136155	238170	9.96%	1.383%
6	7.902	725	734	749	rVB	197661	352839	14.76%	2.049%
7	8.372	805	814	821	rVB	44719	77145	3.23%	0.448%
8	9.060	923	931	936	rBV	249997	451622	18.89%	2.622%
9	9.119	936	941	952	rVB	119423	214065	8.95%	1.243%
10	9.536	1004	1012	1029	rVB	187838	346417	14.49%	2.011%
11	10.264	1125	1136	1144	rBV	165645	310451	12.98%	1.802%
12	10.799	1218	1227	1241	rBV	260435	513894	21.49%	2.984%
13	10.963	1249	1255	1257	rBV4	3169	4809	0.20%	0.028%
14	11.193	1286	1294	1303	rBV	65633	118660	4.96%	0.689%
15	11.322	1307	1316	1329	rBV	256257	498865	20.86%	2.896%
16	12.662	1533	1544	1553	rBV2	11584	24095	1.01%	0.140%
17	12.750	1553	1559	1565	rVB2	4154	7594	0.32%	0.044%
18	13.842	1737	1745	1750	rBV3	1860	3899	0.16%	0.023%
19	14.365	1825	1834	1838	rBV	636312	964408	40.33%	5.599%
20	14.412	1838	1842	1851	rVB	222719	331669	13.87%	1.926%
21	14.671	1875	1886	1896	rBV	638410	1023558	42.80%	5.943%
22	14.771	1896	1903	1911	rVV	18630	37223	1.56%	0.216%
23	14.835	1911	1914	1922	rVB3	2974	4949	0.21%	0.029%
24	14.976	1929	1938	1947	rVB2	119529	206155	8.62%	1.197%
25	15.153	1960	1968	1990	rBV2	141125	340696	14.25%	1.978%
26	15.382	2002	2007	2011	rBV3	2152	4134	0.17%	0.024%
27	15.775	2069	2074	2079	rVB5	7298	12598	0.53%	0.073%
28	15.964	2096	2106	2117	rBV	968981	1525188	63.78%	8.855%
29	16.069	2117	2124	2136	rVV	204738	321565	13.45%	1.867%
30	16.199	2136	2146	2152	rVB3	12056	23012	0.96%	0.134%
31	16.639	2216	2221	2229	rVV	9574	16187	0.68%	0.094%
32	17.103	2292	2300	2304	rBV3	2129	5286	0.22%	0.031%
33	17.139	2304	2306	2313	rVB2	2024	3718	0.16%	0.022%
34	17.233	2313	2322	2325	rBV3	1626	4205	0.18%	0.024%

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35	17.432	2349	2356	2361	rBV3	5704	9245	0.39%	0.054%
36	17.720	2394	2405	2413	rBV	201767	307098	12.84%	1.783%
37	17.820	2413	2422	2431	rVV2	1207751	1847105	77.24%	10.724%
38	17.891	2431	2434	2445	rVV8	10856	18946	0.79%	0.110%
39	17.967	2445	2447	2453	rVB4	2510	3323	0.14%	0.019%
40	18.173	2478	2482	2487	rVB2	2100	3417	0.14%	0.020%
41	18.461	2526	2531	2534	rBV2	2383	3470	0.15%	0.020%
42	18.572	2545	2550	2561	rVV3	30435	59464	2.49%	0.345%
43	18.649	2561	2563	2571	rVV	7164	12082	0.51%	0.070%
44	18.936	2608	2612	2617	rBV2	2220	3982	0.17%	0.023%
45	19.424	2689	2695	2698	rBV6	2362	4570	0.19%	0.027%
46	19.448	2698	2699	2708	rVB6	1914	4367	0.18%	0.025%
47	19.671	2731	2737	2738	rBV4	2215	3832	0.16%	0.022%
48	19.724	2740	2746	2759	rVB2	14179	27562	1.15%	0.160%
49	19.830	2759	2764	2774	rBV5	10830	22158	0.93%	0.129%
50	19.982	2783	2790	2797	rBV	13249	24482	1.02%	0.142%
51	20.094	2799	2809	2820	rBV	1537101	2308357	96.53%	13.402%
52	20.341	2848	2851	2858	rVB9	2727	4700	0.20%	0.027%
53	20.564	2884	2889	2891	rBV4	2291	3875	0.16%	0.022%
54	20.670	2901	2907	2909	rBV5	3308	4150	0.17%	0.024%
55	20.975	2957	2959	2964	rVB6	2928	4306	0.18%	0.025%
56	21.022	2964	2967	2972	rBV5	4606	6550	0.27%	0.038%
57	21.087	2974	2978	2982	rBV6	2618	3600	0.15%	0.021%
58	21.422	3028	3035	3037	rBV7	6375	11895	0.50%	0.069%
59	21.492	3038	3047	3060	rVB9	14940	67216	2.81%	0.390%
60	21.633	3066	3071	3072	rBV5	2934	4589	0.19%	0.027%
61	21.886	3110	3114	3119	rBV5	3940	7473	0.31%	0.043%
62	22.051	3134	3142	3157	rBV	218829	415627	17.38%	2.413%
63	22.209	3164	3169	3174	rBV7	4641	6851	0.29%	0.040%
64	22.415	3196	3204	3205	rBV7	2328	4536	0.19%	0.026%
65	22.867	3274	3281	3285	rVV6	6571	14042	0.59%	0.082%
66	23.020	3304	3307	3311	rVB4	2822	4665	0.20%	0.027%
67	23.214	3336	3340	3345	rBV5	2012	3823	0.16%	0.022%
68	23.296	3353	3354	3362	rVB7	2699	3942	0.16%	0.023%
69	23.619	3402	3409	3415	rVB5	18814	38264	1.60%	0.222%
70	23.837	3437	3446	3452	rBV10	7664	19139	0.80%	0.111%
71	23.890	3452	3455	3457	rVB3	4029	4095	0.17%	0.024%

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72	23.960	3462	3467	3469	rBV6	3412	5591	0.23%	0.032%
73	24.348	3529	3533	3538	rVB6	3442	6602	0.28%	0.038%
74	24.448	3544	3550	3551	rBV5	3397	4588	0.19%	0.027%
75	24.501	3551	3559	3567	rVB3	27812	63770	2.67%	0.370%
76	24.759	3596	3603	3604	rBV5	6581	8397	0.35%	0.049%
77	24.788	3606	3608	3614	rBV5	4308	4742	0.20%	0.028%
78	25.059	3652	3654	3659	rVB6	3454	5677	0.24%	0.033%
79	25.335	3686	3701	3722	rBV2	766313	2391271	100.00%	13.884%
80	25.570	3726	3741	3761	rVB2	128140	528432	22.10%	3.068%
81	25.729	3764	3768	3771	rVB6	3391	5138	0.21%	0.030%
82	25.852	3784	3789	3791	rVB6	2569	3538	0.15%	0.021%
83	26.058	3821	3824	3828	rBV6	3197	3953	0.17%	0.023%
84	26.275	3859	3861	3863	rBV3	3210	3520	0.15%	0.020%
85	26.657	3923	3926	3930	rBV3	2356	3951	0.17%	0.023%
86	26.768	3935	3945	3957	rVB4	42127	131370	5.49%	0.763%
87	27.004	3981	3985	3989	rBV7	4532	9373	0.39%	0.054%
88	27.403	4051	4053	4059	rVB5	2783	5340	0.22%	0.031%
89	27.474	4060	4065	4067	rBV6	2755	3635	0.15%	0.021%
90	28.249	4187	4197	4210	rVB6	42128	146557	6.13%	0.851%
91	29.066	4329	4336	4338	rBV8	5107	6937	0.29%	0.040%
92	29.571	4420	4422	4427	rVB5	2805	5081	0.21%	0.030%
93	30.029	4486	4500	4502	rBV7	27924	69623	2.91%	0.404%
94	30.441	4566	4570	4572	rBV5	2628	3257	0.14%	0.019%
95	30.570	4591	4592	4599	rBV7	3163	4670	0.20%	0.027%
96	30.635	4599	4603	4609	rBV7	2637	5575	0.23%	0.032%
97	31.469	4742	4745	4748	rVB2	2739	3591	0.15%	0.021%
98	31.639	4771	4774	4778	rBV5	3071	4920	0.21%	0.029%
99	32.080	4848	4849	4854	rVB5	2844	3369	0.14%	0.020%
100	32.209	4854	4871	4872	rBV7	24108	75608	3.16%	0.439%

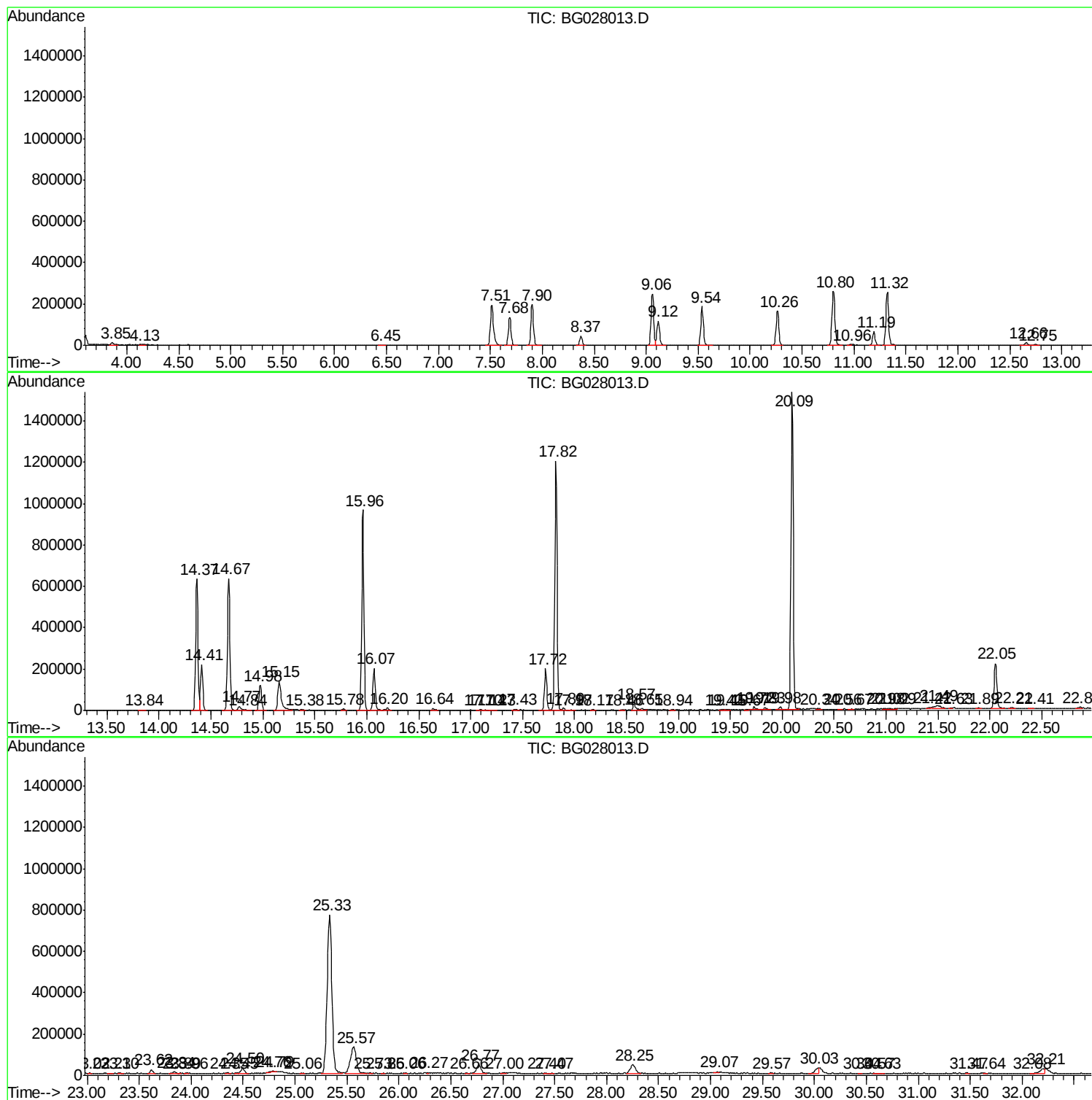
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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



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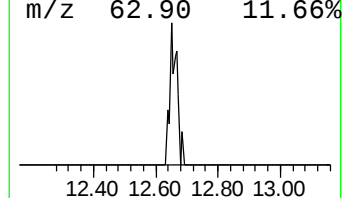
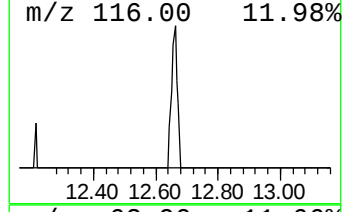
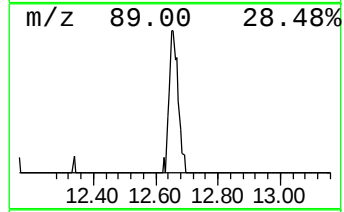
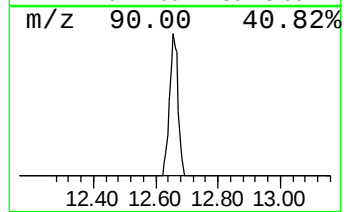
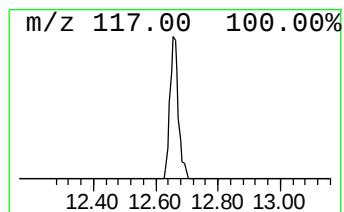
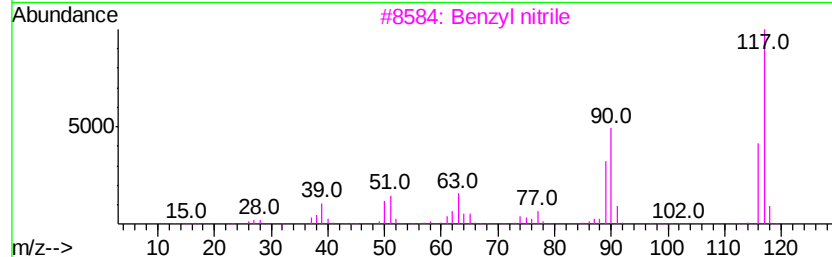
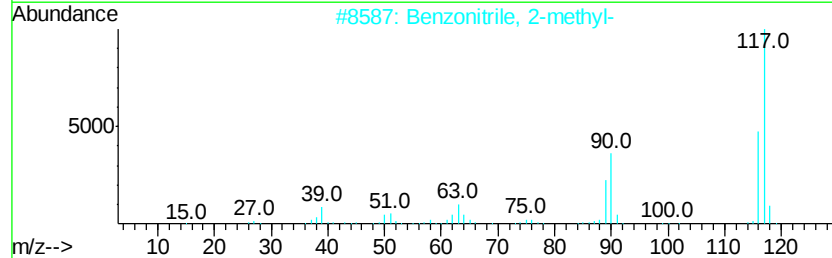
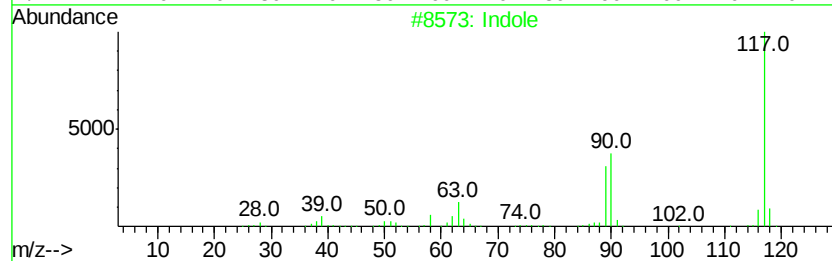
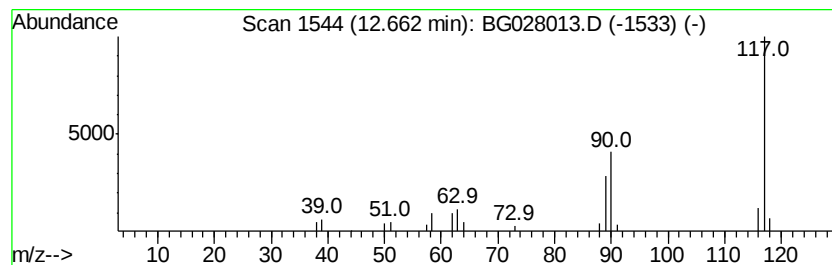
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Indole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	4.06 ng/ul	24095	Naphthalene-d8	11.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indole	117	C8H7N	000120-72-9	90
2		Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	87
3		Benzyl nitrile	117	C8H7N	000140-29-4	87
4		Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	86
5		Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	86



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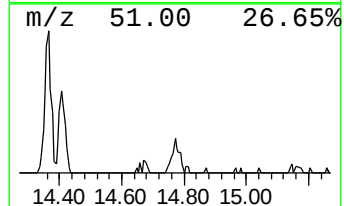
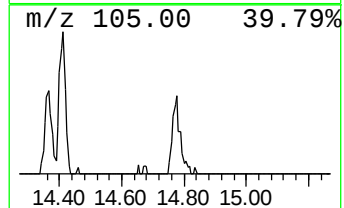
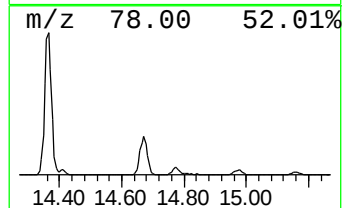
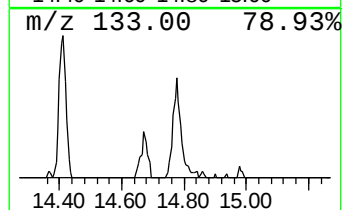
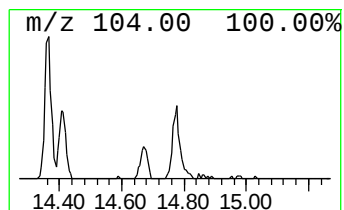
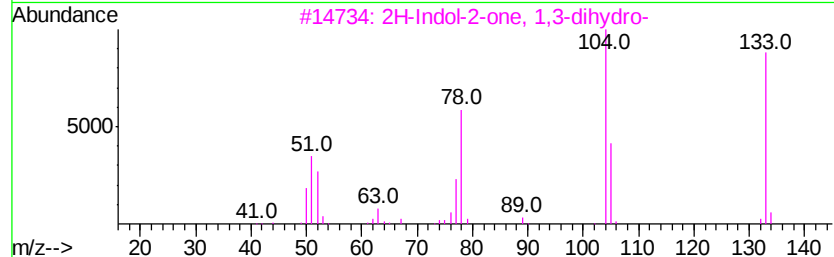
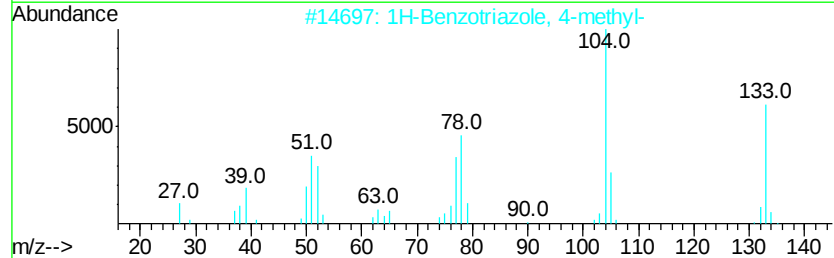
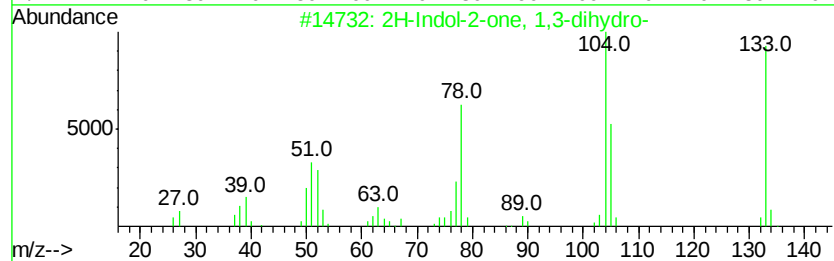
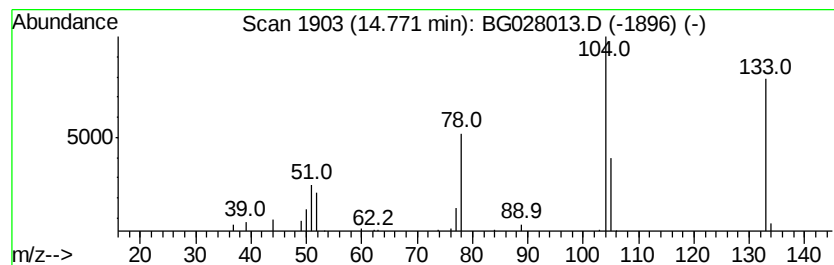
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2H-Indol-2-one, 1,3-dihydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.61 ng/ul	37223	Acenaphthene-d10	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	95
2		1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	91
3		2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	91
4		1H-Indole, 2,3-dihydro-4-methyl-	133	C9H11N	062108-16-1	91
5		1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	90



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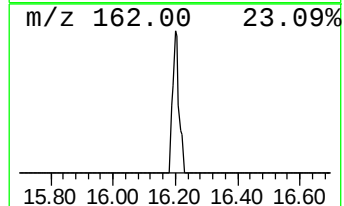
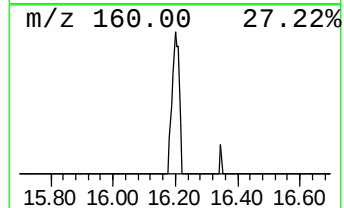
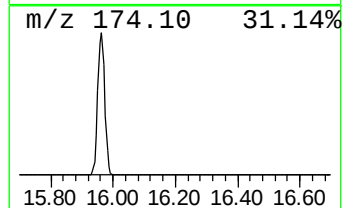
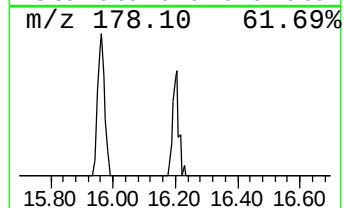
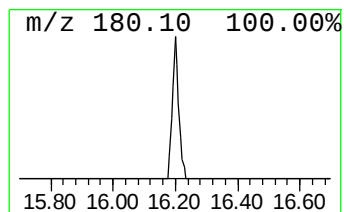
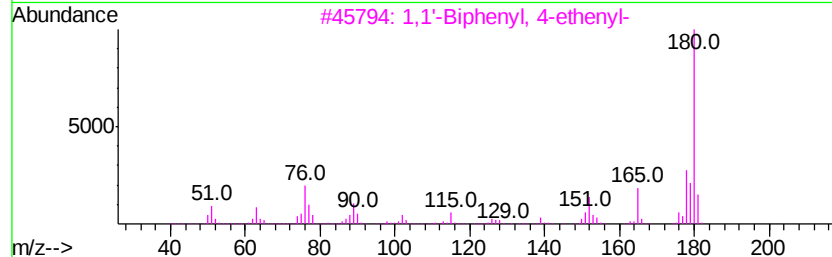
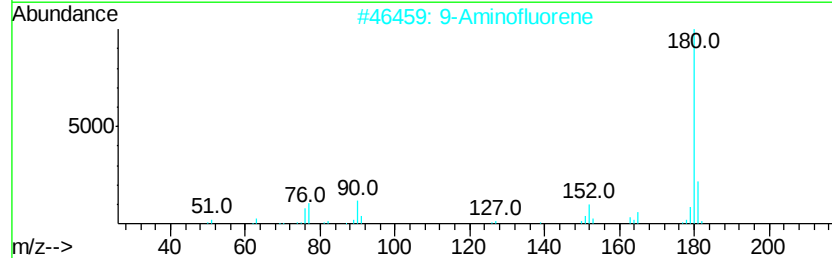
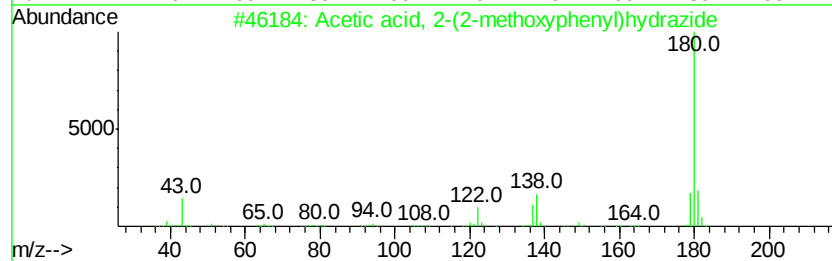
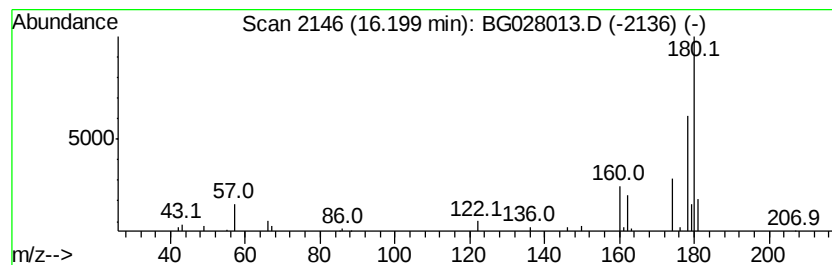
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Peak Number 3 unknown01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	2.23 ng/ul	23012	Acenaphthene-d10	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 2-(2-methoxyphenyl)...	180	C9H12N2O2	079984-63-7	32
2		9-Amino fluorene	181	C13H11N	000525-03-1	25
3		1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	25
4		Thiohydroxylamine, S-benzothiazo...	346	C19H26N2S2	1000310-63-1	23
5		2-Propenoic acid, 3-(3,4-dihydro...	180	C9H8O4	000331-39-5	17



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
Data File : BG028013.D
Acq On : 21 Jul 2017 00:43
Operator : SJ/JU
Sample : I4209-12
Misc :
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ClientSampleId :
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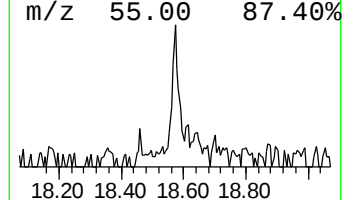
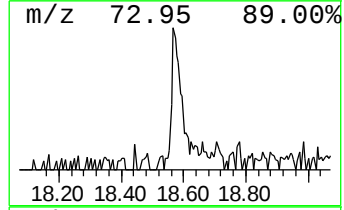
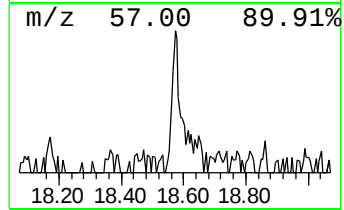
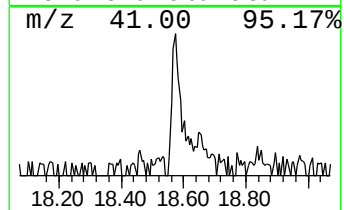
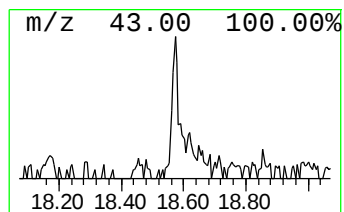
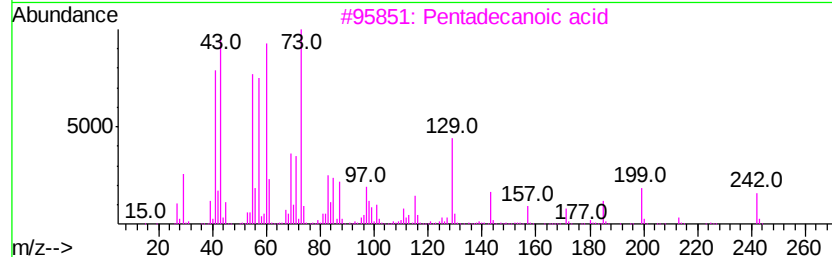
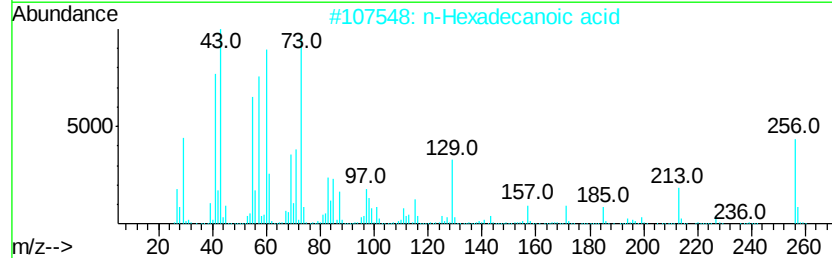
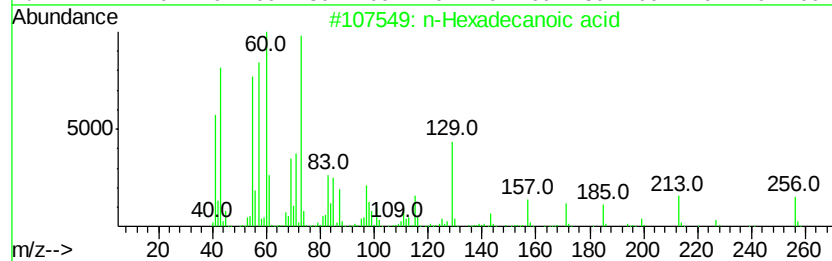
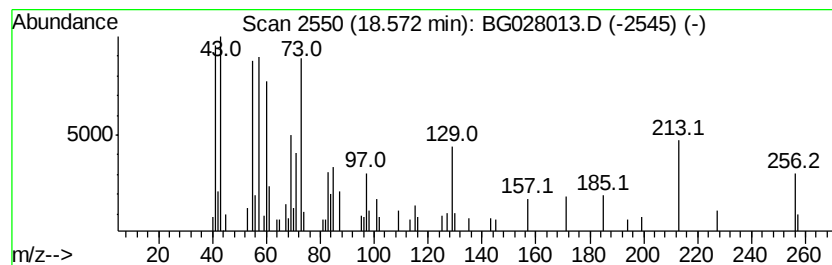
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	3.87 ng/ul	59464	Phenanthrene-d10	17.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47	
5	Dodecanoic acid	200	C12H24O2	000143-07-7	43	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
Data File : BG028013.D
Acq On : 21 Jul 2017 00:43
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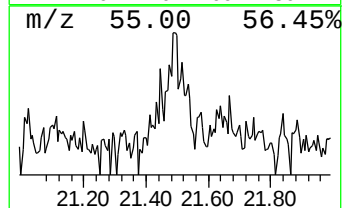
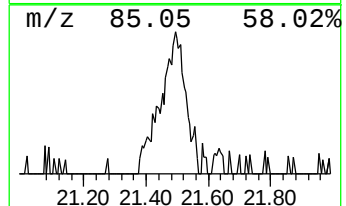
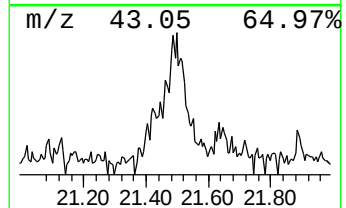
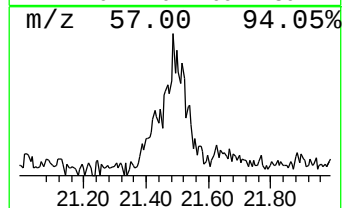
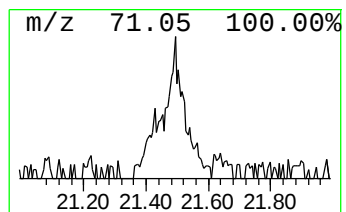
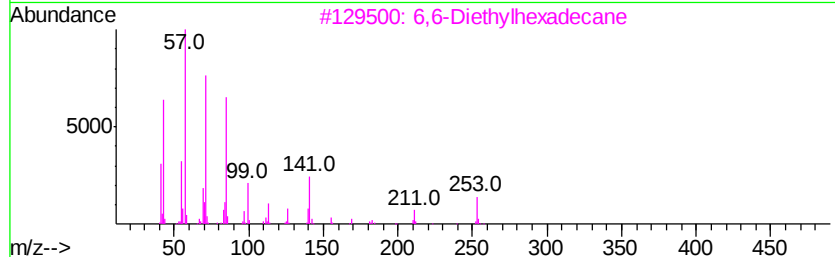
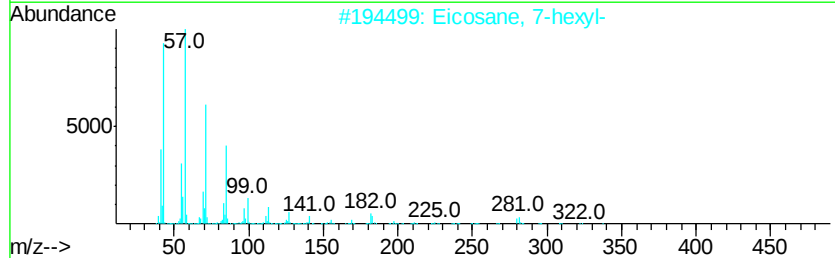
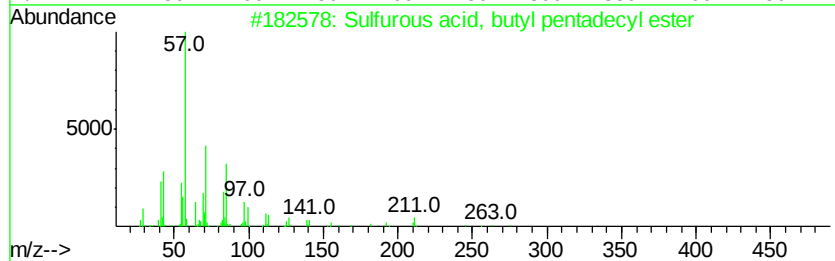
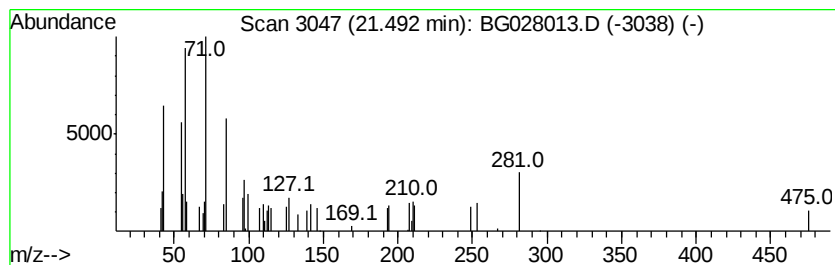
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Sulfurous acid, butyl penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	3.23 ng/ul	67216	Chrysene-d12	22.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	53
2		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	50
3		6,6-Diethylhexadecane	282	C20H42	1000360-41-4	50
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	50
5		Hexacosane	366	C26H54	000630-01-3	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
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Sample : I4209-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

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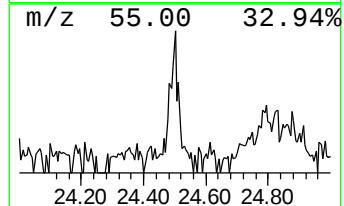
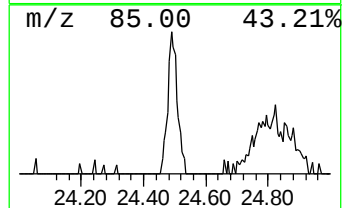
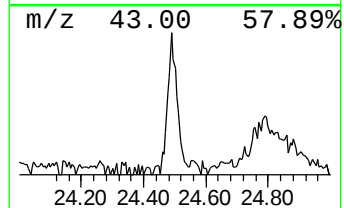
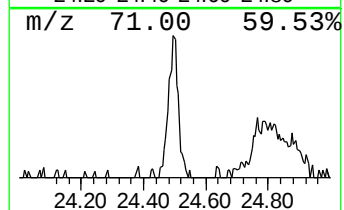
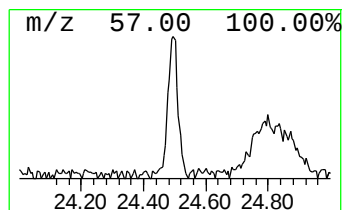
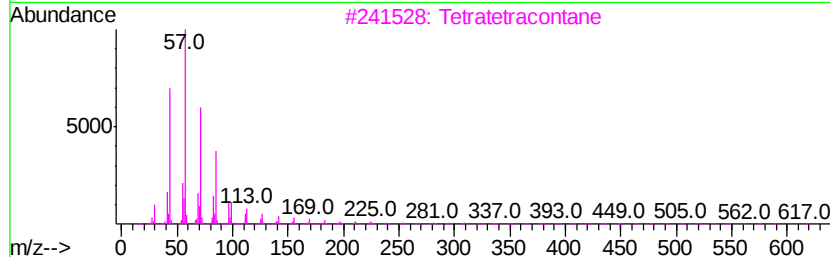
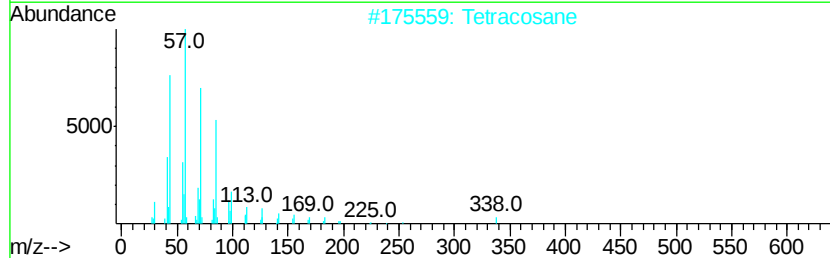
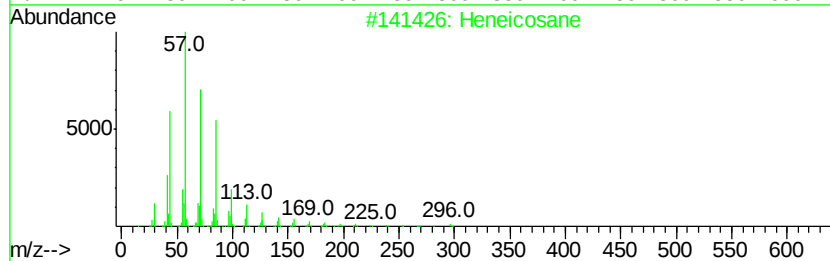
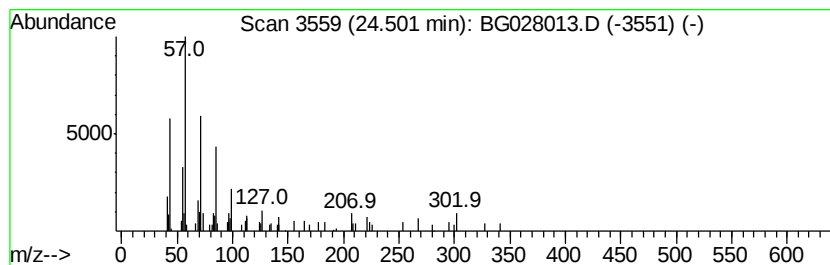
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.50	2.41 ng/ul	63770	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	58
2		Tetracosane	338	C24H50	000646-31-1	58
3		Tetratetracontane	619	C44H90	007098-22-8	52
4		Tricosane	324	C23H48	000638-67-5	52
5		Heneicosane	296	C21H44	000629-94-7	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
Data File : BG028013.D
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Sample : I4209-12
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ClientSampleId :
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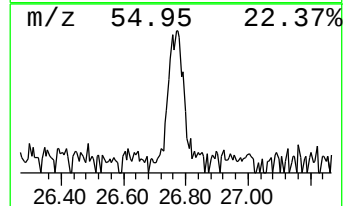
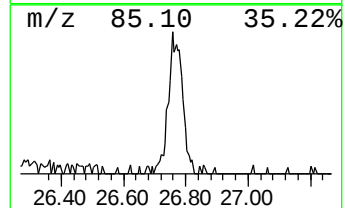
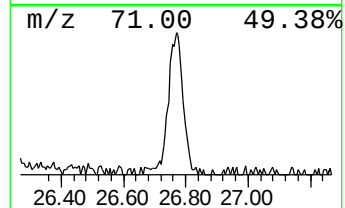
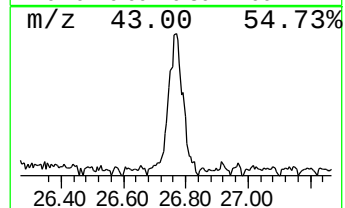
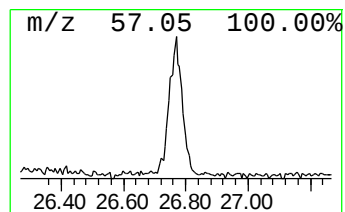
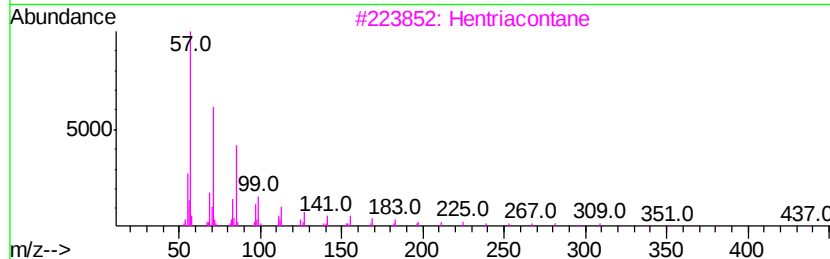
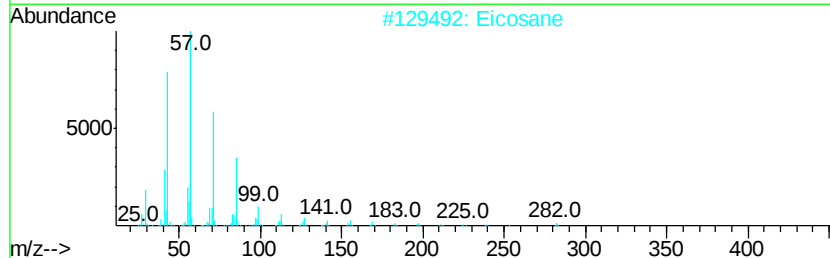
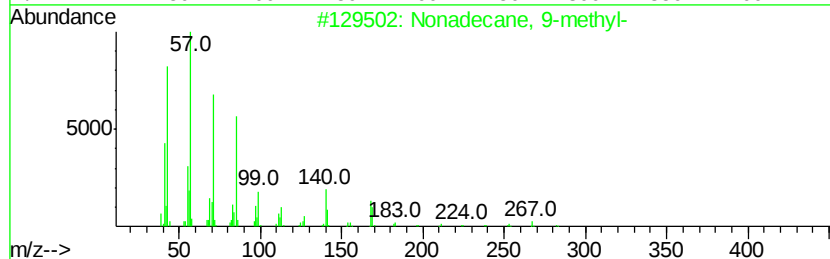
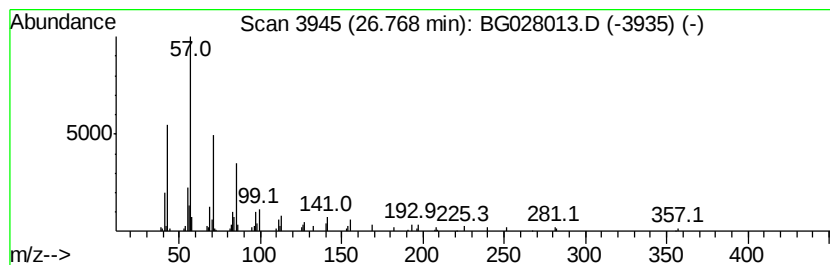
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.77	4.97 ng/ul	131370	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2			Eicosane	282	C20H42	000112-95-8	87
3			Hentriacontane	437	C31H64	000630-04-6	86
4			Hentriacontane	437	C31H64	000630-04-6	83
5			Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
Data File : BG028013.D
Acq On : 21 Jul 2017 00:43
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ClientSampleId :
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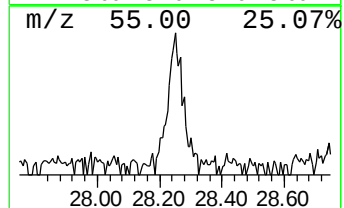
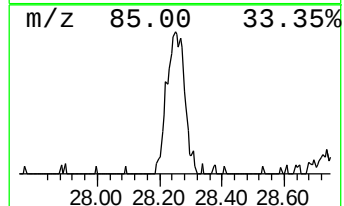
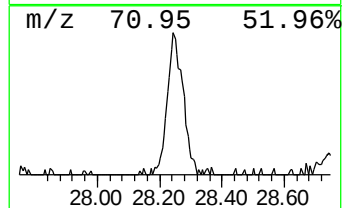
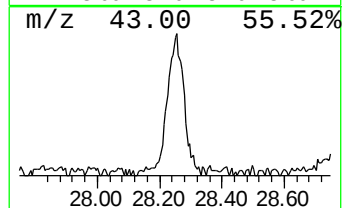
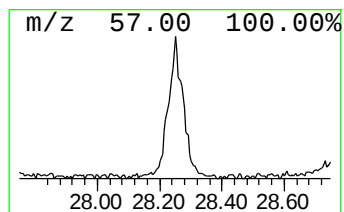
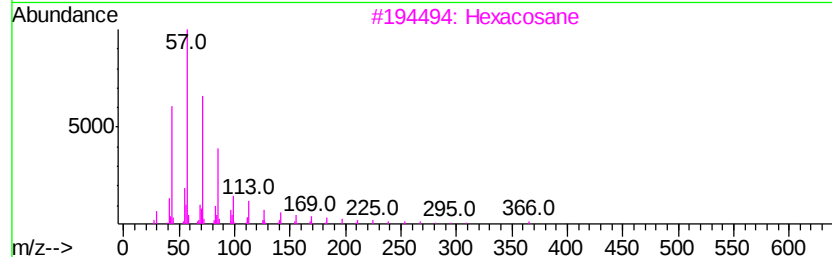
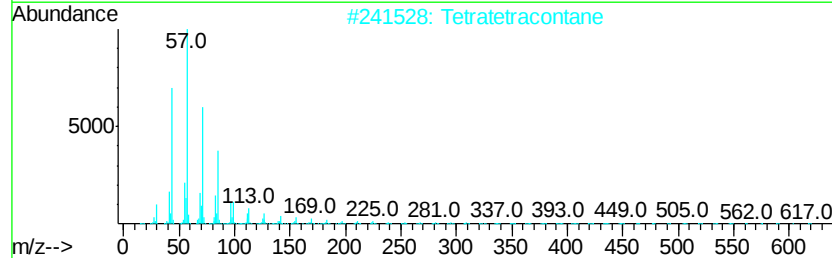
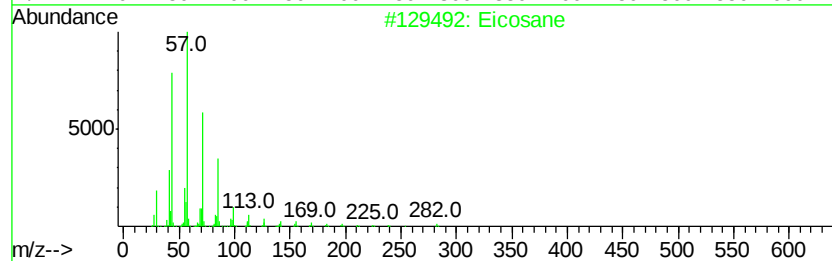
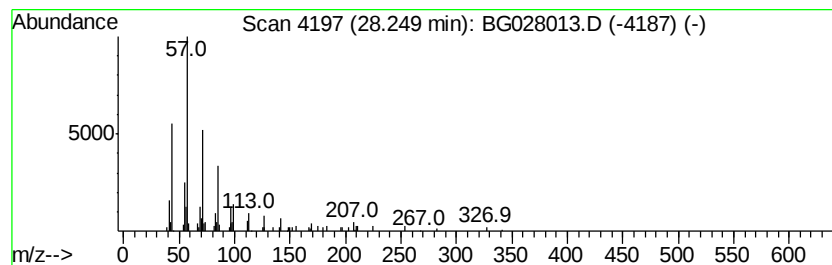
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	5.55 ng/ul	146557	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	93
2			Tetratetracontane	619	C44H90	007098-22-8	87
3			Hexacosane	366	C26H54	000630-01-3	87
4			Pentacosane	352	C25H52	000629-99-2	87
5			Octacosane	394	C28H58	000630-02-4	87



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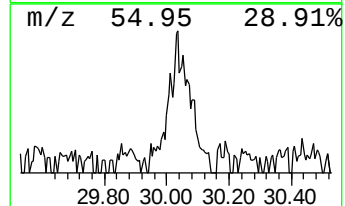
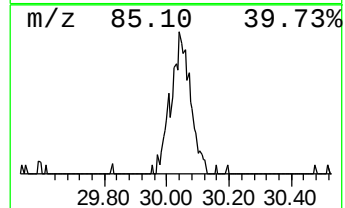
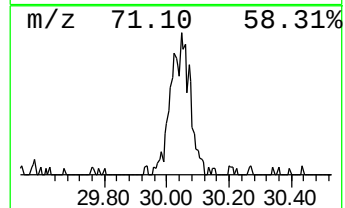
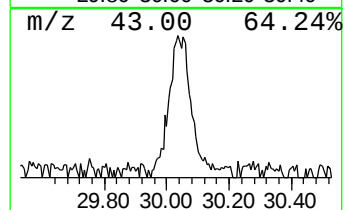
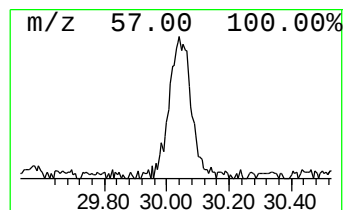
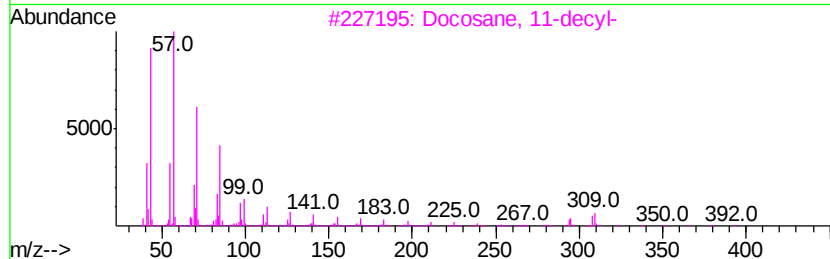
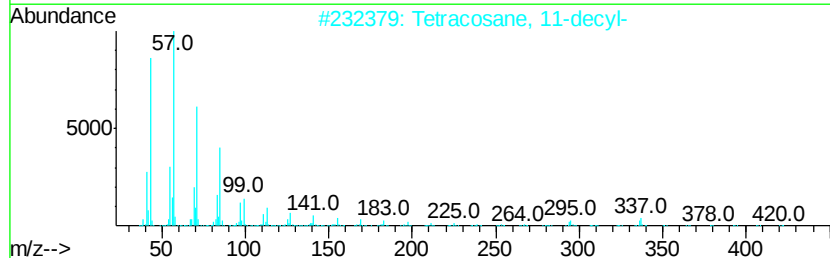
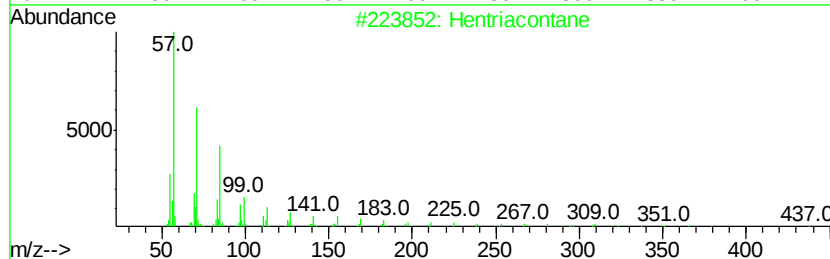
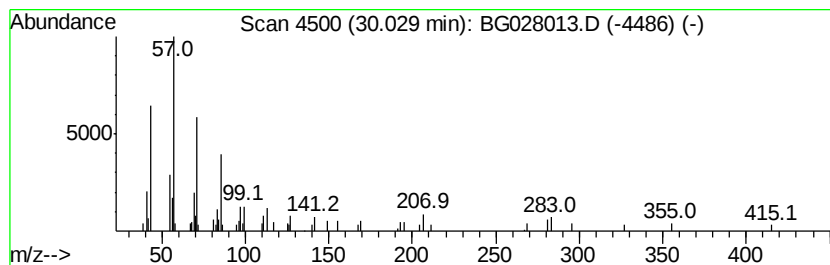
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.03	2.64 ng/ul	69623	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
3		Docosane, 11-decyl-	451	C32H66	055401-55-3	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Hexacosane	366	C26H54	000630-01-3	87



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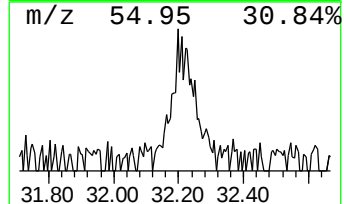
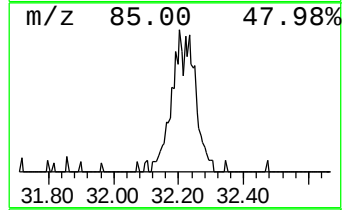
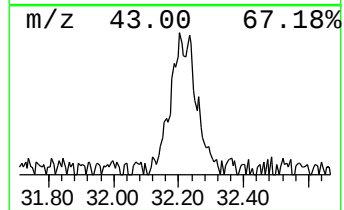
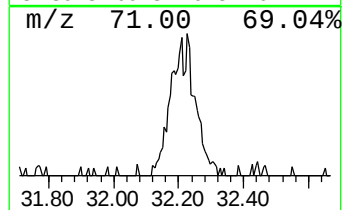
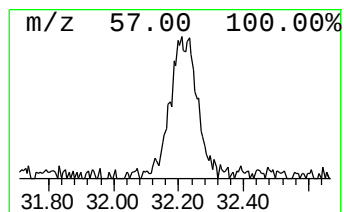
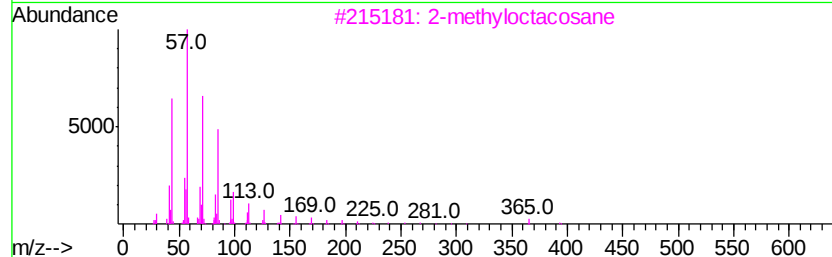
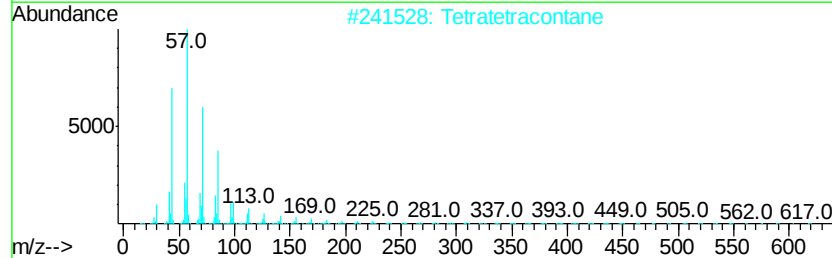
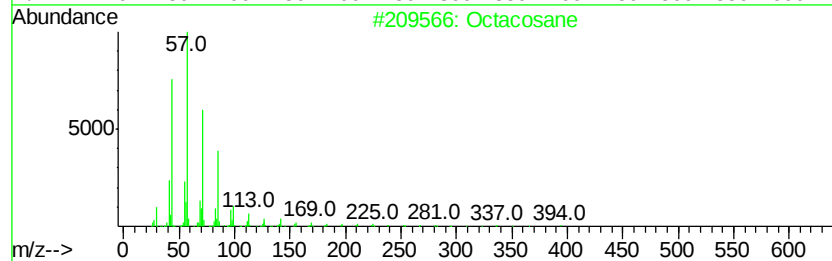
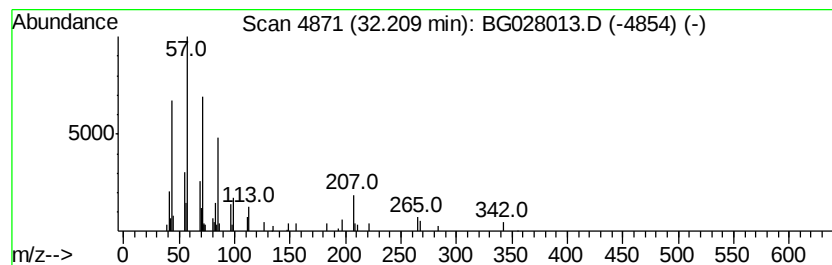
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.21	2.86 ng/ul	75608	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	72
2			Tetratetracontane	619	C44H90	007098-22-8	72
3			2-methyloctacosane	408	C29H60	1000376-72-8	72
4			Heptacosane	380	C27H56	000593-49-7	72
5			Tetracosane	338	C24H50	000646-31-1	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072017\
Data File : BG028013.D
Acq On : 21 Jul 2017 00:43
Operator : SJ/JU
Sample : I4209-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B15

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.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
Indole	12.66	4.1	ng/ul	24095	2	11.19	118660	20.0
2H-Indol-2-one, 1...	14.77	3.6	ng/ul	37223	3	14.97	206155	20.0
unknown01	16.20	2.2	ng/ul	23012	3	14.97	206155	20.0
n-Hexadecanoic acid	18.57	3.9	ng/ul	59464	4	17.72	307098	20.0
Sulfurous acid, b...	21.49	3.2	ng/ul	67216	5	22.05	415627	20.0
(DEL) Alkane: Str...	24.50	2.4	ng/ul	63770	6	25.57	528432	20.0
(DEL) Alkane: Str...	26.77	5.0	ng/ul	131370	6	25.57	528432	20.0
(DEL) Alkane: Str...	28.25	5.5	ng/ul	146557	6	25.57	528432	20.0
(DEL) Alkane: Str...	30.03	2.6	ng/ul	69623	6	25.57	528432	20.0
(DEL) Alkane: Str...	32.21	2.9	ng/ul	75608	6	25.57	528432	20.0