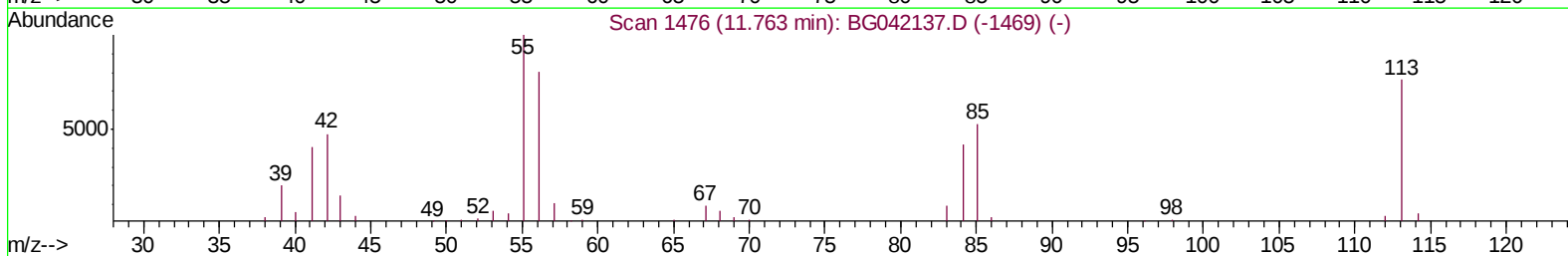
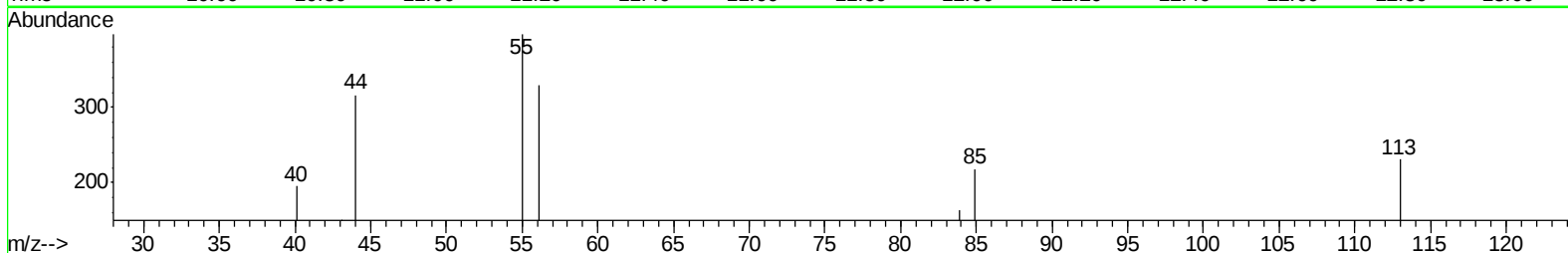
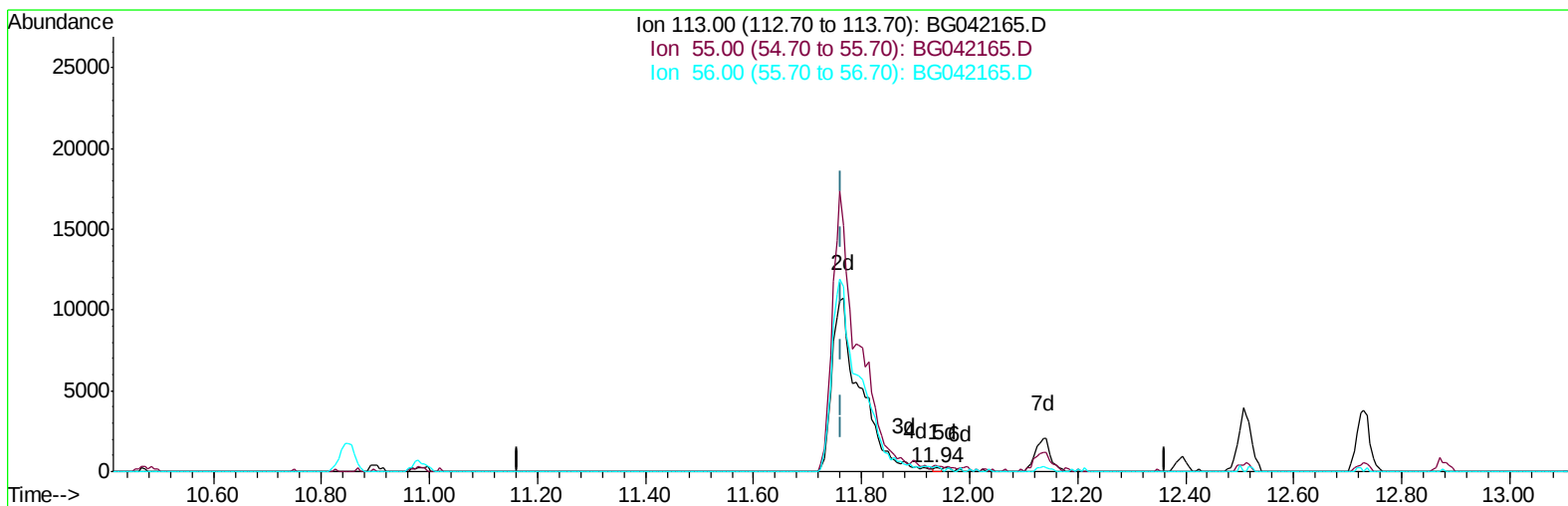


Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042165.D
Acq On : 13 Aug 2019 3:25
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 13 13:54:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration



TIC: BG042165.D

(32) Caprolactam

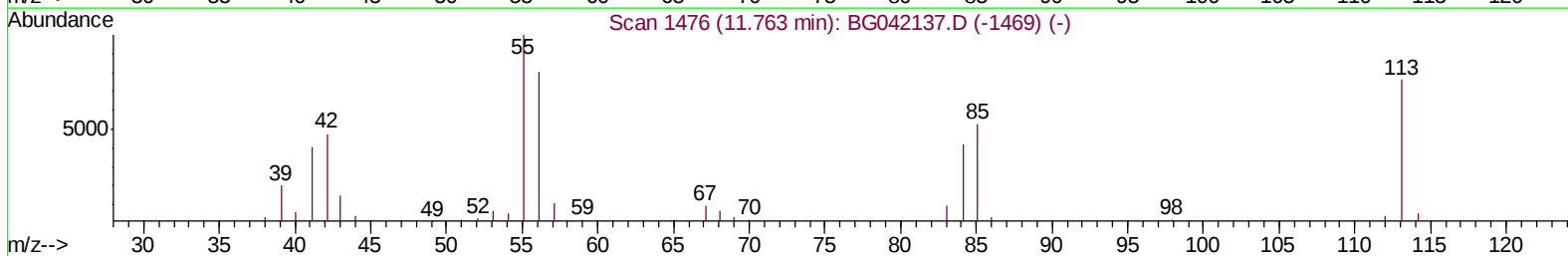
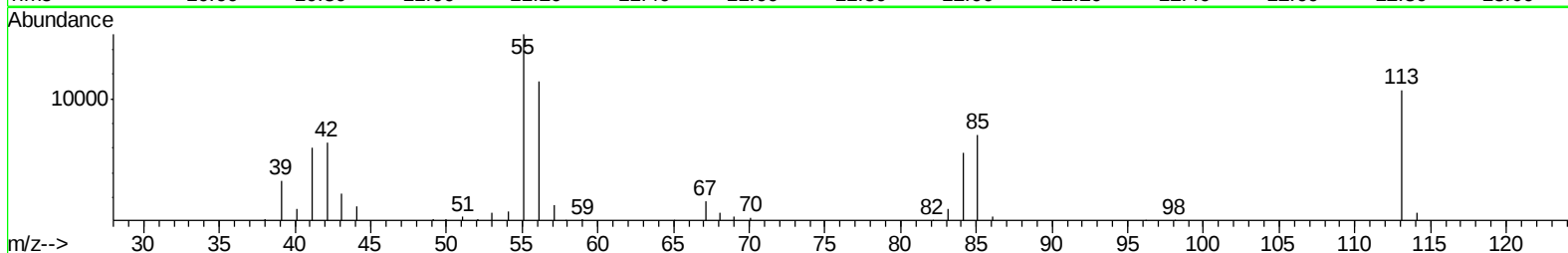
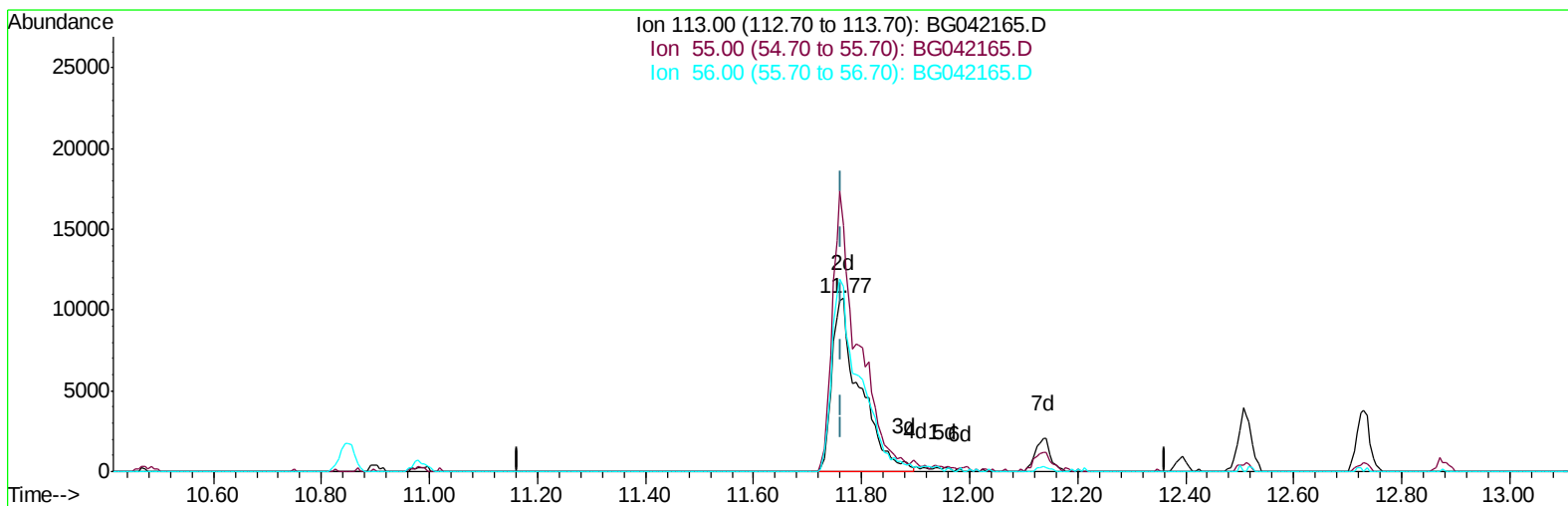
11.936min (+0.173) 0.10ng/ul

response 222

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	171.86
56.00	136.80	142.42
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
 Data File : BG042165.D
 Acq On : 13 Aug 2019 3:25
 Operator : HP/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 13 13:54:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 13 04:44:41 2019
 Response via : Initial Calibration



TIC: BG042165.D

(32) Caprolactam

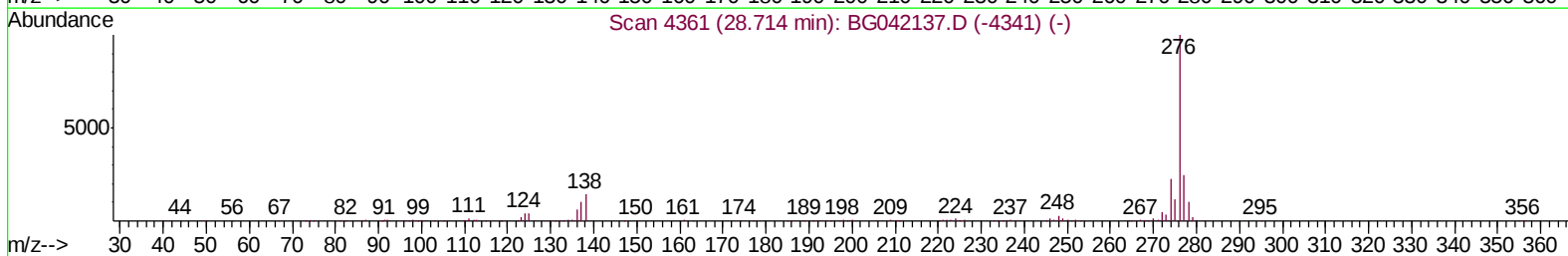
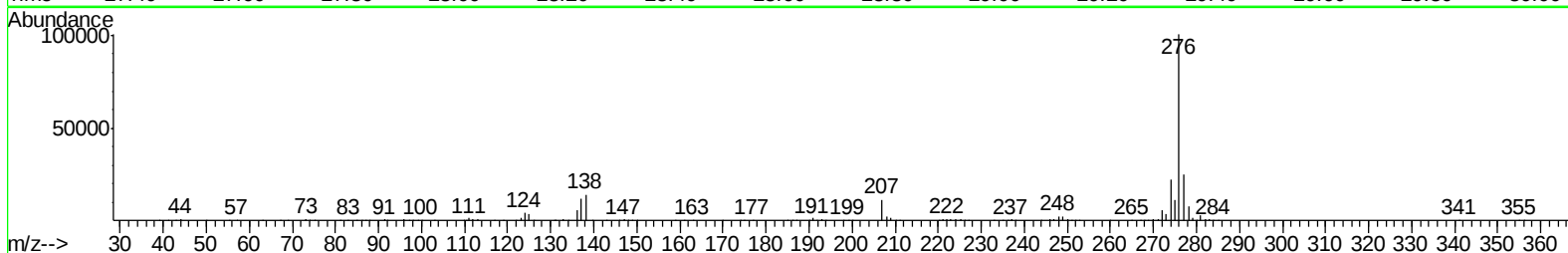
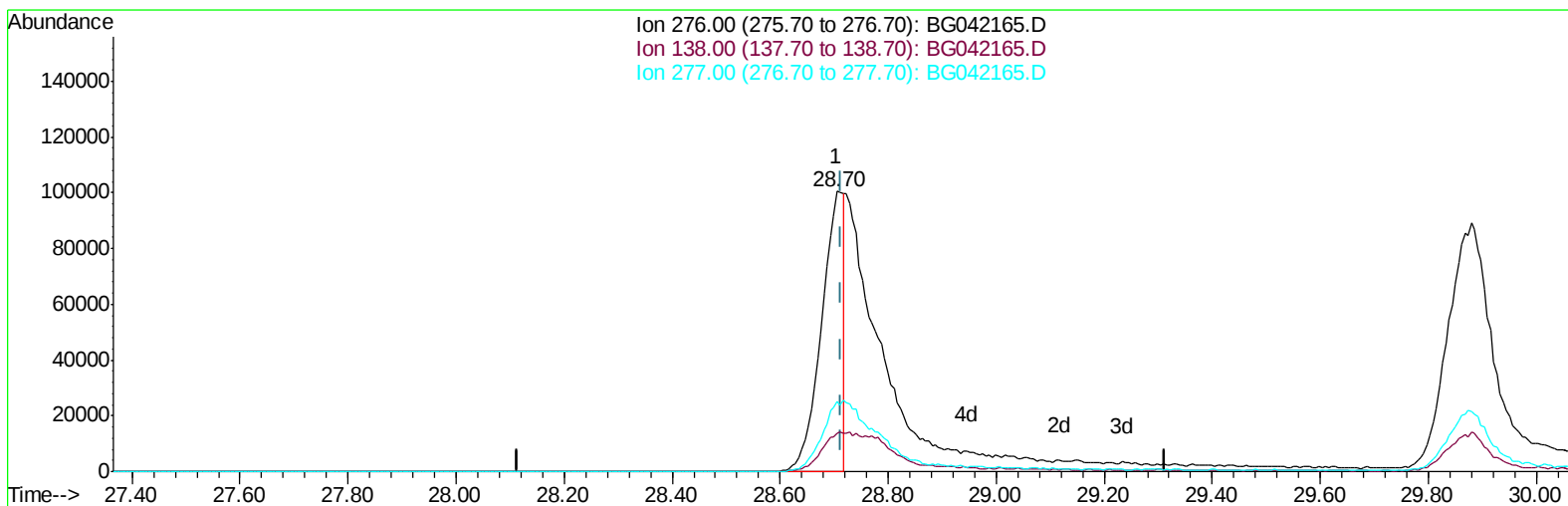
11.766min (+0.003) 17.48ng/ul m

response 38366

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	142.21#
56.00	136.80	106.53#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042165.D
Acq On : 13 Aug 2019 3:25
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 13 13:54:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration



TIC: BG042165.D

(91) Indeno(1,2,3-cd)pyrene

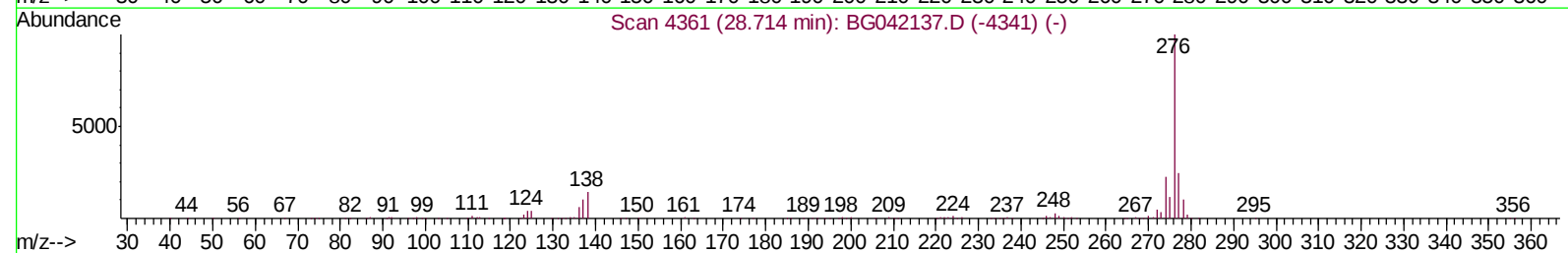
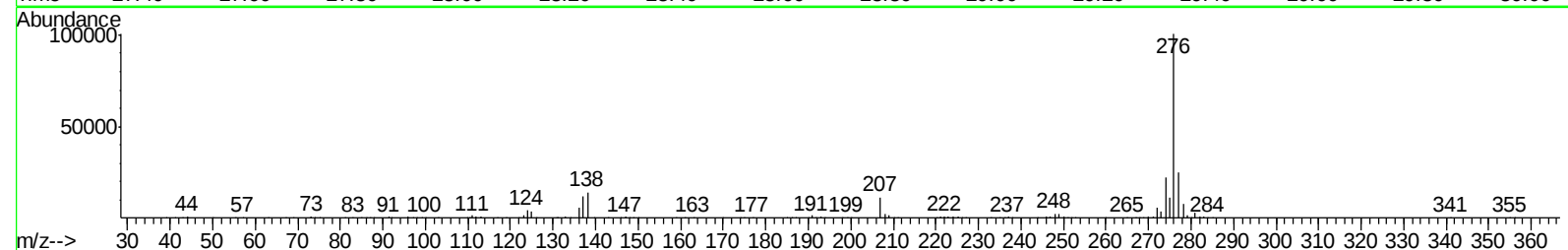
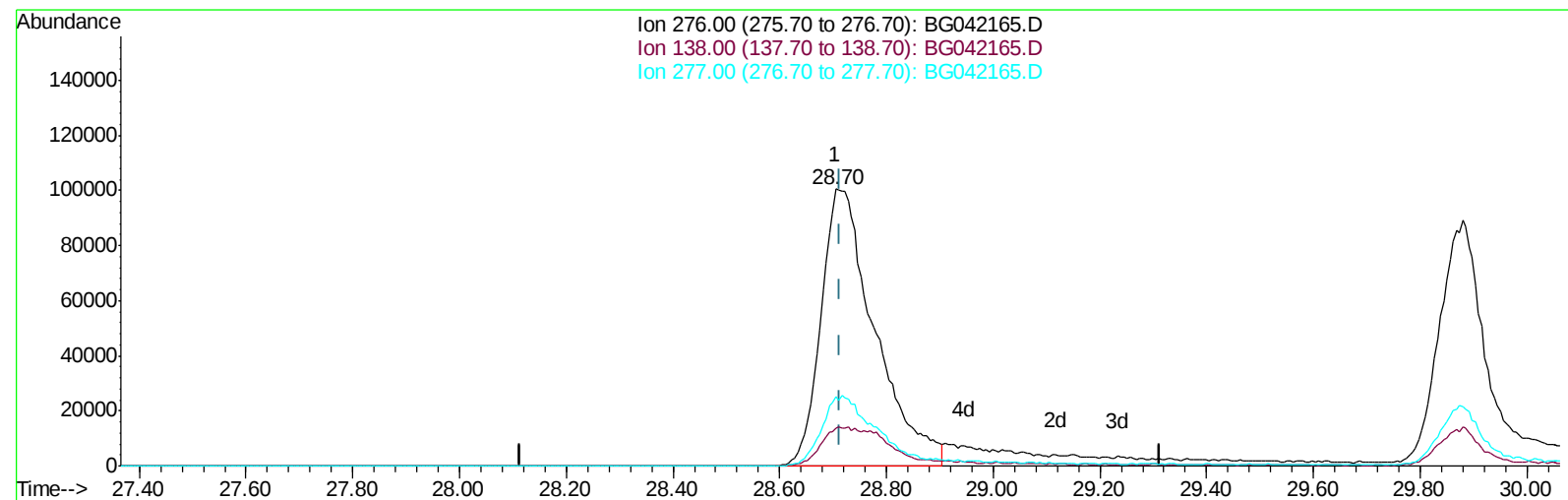
28.705min (-0.009) 6.43ng/ul

response 283122

Ion	Exp%	Act%
276.00	100	100
138.00	15.00	13.84
277.00	24.00	24.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
Data File : BG042165.D
Acq On : 13 Aug 2019 3:25
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 13 13:54:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration



TIC: BG042165.D

(91) Indeno(1,2,3-cd)pyrene

28.705min (-0.009) 15.88ng/ul m

response 699411

Ion	Exp%	Act%
276.00	100	100
138.00	15.00	13.84
277.00	24.00	24.85
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081219\
 Data File : BG042165.D
 Acq On : 13 Aug 2019 3:25
 Operator : HP/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 13 13:57:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 13 04:44:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	92054	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	387618	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	261964	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	585686	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	573207	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	631423	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	13514	6.42	ng/uL	0.00
5) Phenol-d5	7.18	99	145928	20.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	73453	18.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	127856	20.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	120754	19.91	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	62050	21.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	77431	22.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	154131	22.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	162476	21.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	423098	20.82	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	517610	22.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	64146	18.80	ng/ul	0.00
57) Fluorene-d10	15.68	176	387926	21.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	71223	18.95	ng/ul	0.00
70) Anthracene-d10	17.54	188	583934	20.78	ng/ul	0.00
78) Pyrene-d10	19.82	212	660759	20.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	733360	22.23	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.45	88	13777	6.320	ng/uL# 90
4) Benzaldehyde	7.15	77	60373	17.687	ng/ul 93
6) Phenol	7.21	94	143734	19.275	ng/ul 93
8) Bis(2-Chloroethyl)ether	7.44	93	104582	18.435	ng/ul 91
10) 2-Chlorophenol	7.59	128	125169	19.993	ng/ul 95
11) 2-Methylphenol	8.47	108	114440	19.141	ng/ul 94
12) 2,2'-oxybis(1-Chloropropan	8.56	45	139113	14.497	ng/ul# 91
14) Acetophenone	8.85	105	178074	19.089	ng/ul 93
15) N-Nitroso-di-n-propylamine	8.83	70	80249	16.285	ng/ul 92
16) 4-Methylphenol	8.80	108	123191	19.073	ng/ul 91
17) Hexachloroethane	9.12	117	44872	17.308	ng/ul 94
20) Nitrobenzene	9.23	77	119928	18.046	ng/ul 90
21) Isophorone	9.76	82	223557	16.872	ng/ul 94
23) 2-Nitrophenol	9.95	139	79310	21.912	ng/ul 93
24) 2,4-Dimethylphenol	10.01	107	134806	18.877	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.24	93	144549	18.375	ng/ul 100
27) 2,4-Dichlorophenol	10.49	162	142026	20.941	ng/ul 98
28) Naphthalene	10.90	128	389772	19.669	ng/ul 99
30) 4-Chloroaniline	11.00	127	155390	20.374	ng/ul 100
31) Hexachlorobutadiene	11.19	225	102907	19.985	ng/ul 97
32) Caprolactam	11.77	113	38366m	17.485	ng/ul
33) 4-Chloro-3-methylphenol	12.14	107	126114	18.873	ng/ul 98
34) 2-Methylnaphthalene	12.51	142	310066	19.686	ng/ul 98

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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachlorobenzene	12.88	216	200921	21.451	ng/ul#	97
37) Hexachlorocyclopentadiene	12.86	237	113052	19.118	ng/ul	95
38) 2,4,6-Trichlorophenol	13.12	196	125299	21.616	ng/ul	98
39) 2,4,5-Trichlorophenol	13.19	196	134737	20.839	ng/ul	97
40) 1,1'-Biphenyl	13.52	154	396457	20.813	ng/ul	97
41) 2-Chloronaphthalene	13.56	162	327379	21.344	ng/ul	99
42) 2-Nitroaniline	13.76	65	69089	17.219	ng/ul	84
44) Dimethylphthalate	14.13	163	397726	19.716	ng/ul	98
45) 2,6-Dinitrotoluene	14.25	165	92176	21.007	ng/ul	90
47) Acenaphthylene	14.40	152	469967	20.063	ng/ul	98
48) 3-Nitroaniline	14.58	138	72910	20.836	ng/ul	92
49) Acenaphthene	14.75	153	333768	20.378	ng/ul	99
50) 2,4-Dinitrophenol	14.80	184	33117	13.793	ng/ul	98
52) 4-Nitrophenol	14.90	109	40715	16.106	ng/ul	92
53) Dibenzofuran	15.09	168	493617	20.193	ng/ul	97
54) 2,4-Dinitrotoluene	15.04	165	127823	20.035	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.31	232	116952	19.087	ng/ul	100
56) Diethylphthalate	15.50	149	381430	19.008	ng/ul	98
58) Fluorene	15.73	166	389955	19.805	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.73	204	229993	20.116	ng/ul	98
60) 4-Nitroaniline	15.75	138	72648	18.634	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.81	198	73960	18.269	ng/ul	96
64) N-Nitrosodiphenylamine	15.94	169	359115	20.667	ng/ul	97
65) 4-Bromophenyl-phenylether	16.62	248	161633	20.846	ng/ul	98
66) Hexachlorobenzene	16.75	284	163483	20.993	ng/ul#	89
67) Atrazine	16.89	200	133422	18.321	ng/ul	98
68) Pentachlorophenol	17.09	266	71387	16.831	ng/ul	93
69) Phenanthrene	17.48	178	634354	19.784	ng/ul	100
71) Anthracene	17.57	178	640212	19.687	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	204130	21.871	ng/uL	97
73) Pentachlorobenzene	15.01	250	206227	21.853	ng/uL	98
74) Carbazole	17.84	167	551057	20.457	ng/ul	99
75) Di-n-butylphthalate	18.40	149	620717	18.696	ng/ul	99
76) Fluoranthene	19.49	202	778731	21.020	ng/ul	99
79) Pyrene	19.85	202	757498	19.646	ng/ul	99
80) Butylbenzylphthalate	20.74	149	278816	18.372	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.61	252	286918	22.023	ng/ul#	97
82) Benzo(a)anthracene	21.70	228	793546	19.967	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	373954	18.059	ng/ul	100
84) Chrysene	21.77	228	745920	20.109	ng/ul	99
86) Di-n-octyl phthalate	22.84	149	657970	21.061	ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	787067	19.863	ng/ul	100
88) Benzo(k)fluoranthene	24.02	252	805909	21.153	ng/ul	99
90) Benzo(a)pyrene	24.83	252	763063	20.209	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	28.70	276	699411m	15.881	ng/ul	
92) Dibenzo(a,h)anthracene	28.79	278	572709	15.942	ng/ul	99
93) Benzo(g,h,i)perylene	29.88	276	497960	13.542	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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Operator  : HP/JU  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 29    Sample Multiplier: 1
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