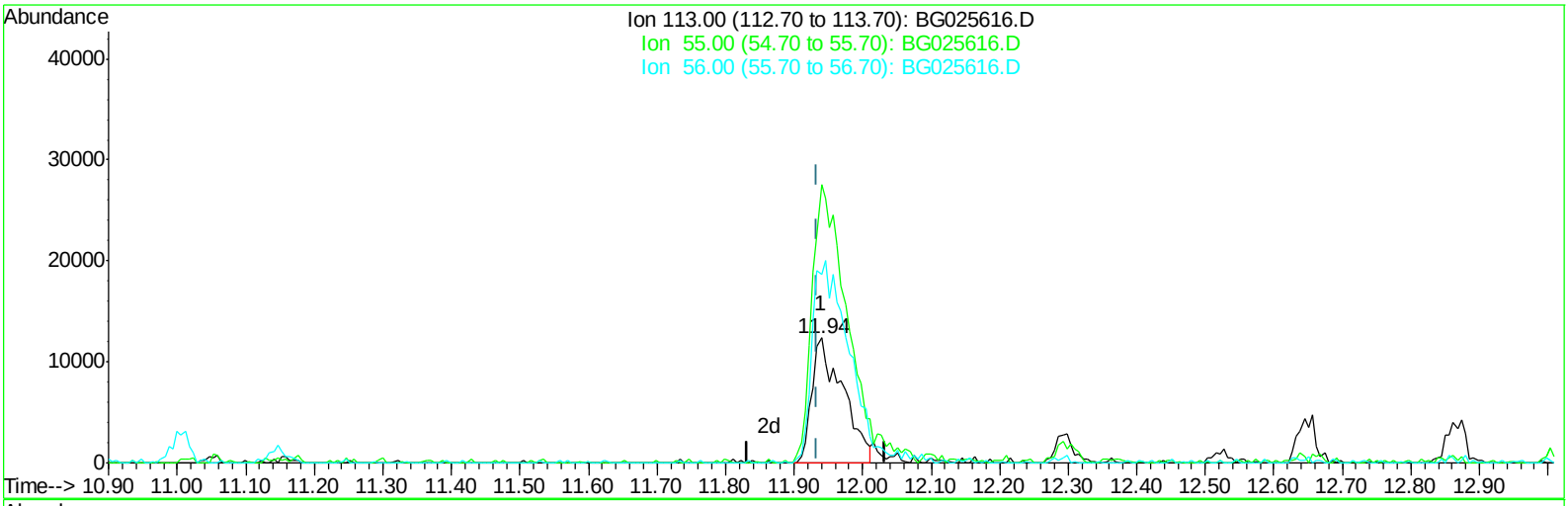
Quantitation Report (Qedit)

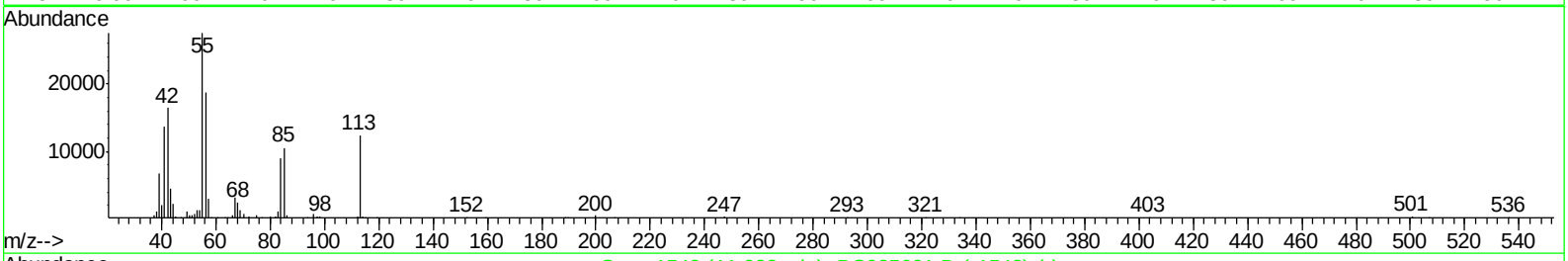
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025616.D
Acq On : 24 Jan 2017 20:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

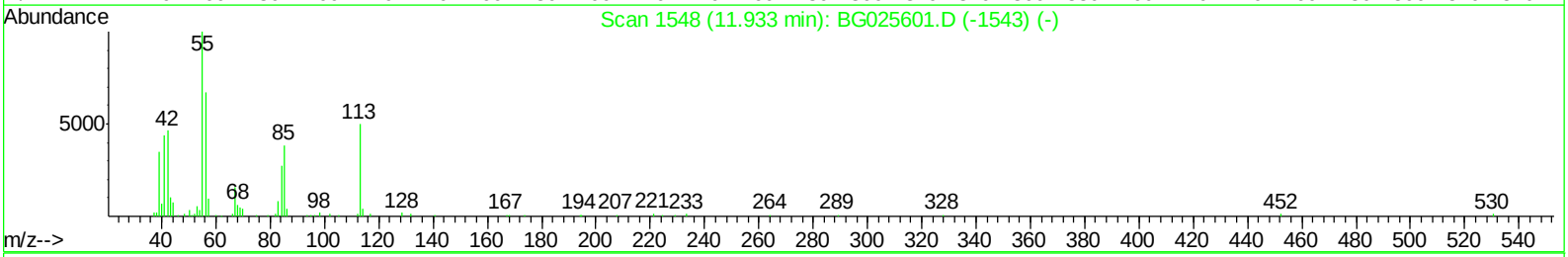
Quant Time: Jan 25 00:51:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 00:45:14 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
mohammad
1/25/2017 3:47:15 PM







TIC: BG025616.D

(32) Caprolactam

11.940min (+0.006) 18.85ng/ul

response 38608

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	223.02
56.00	160.60	151.14
0.00	0.00	0.00

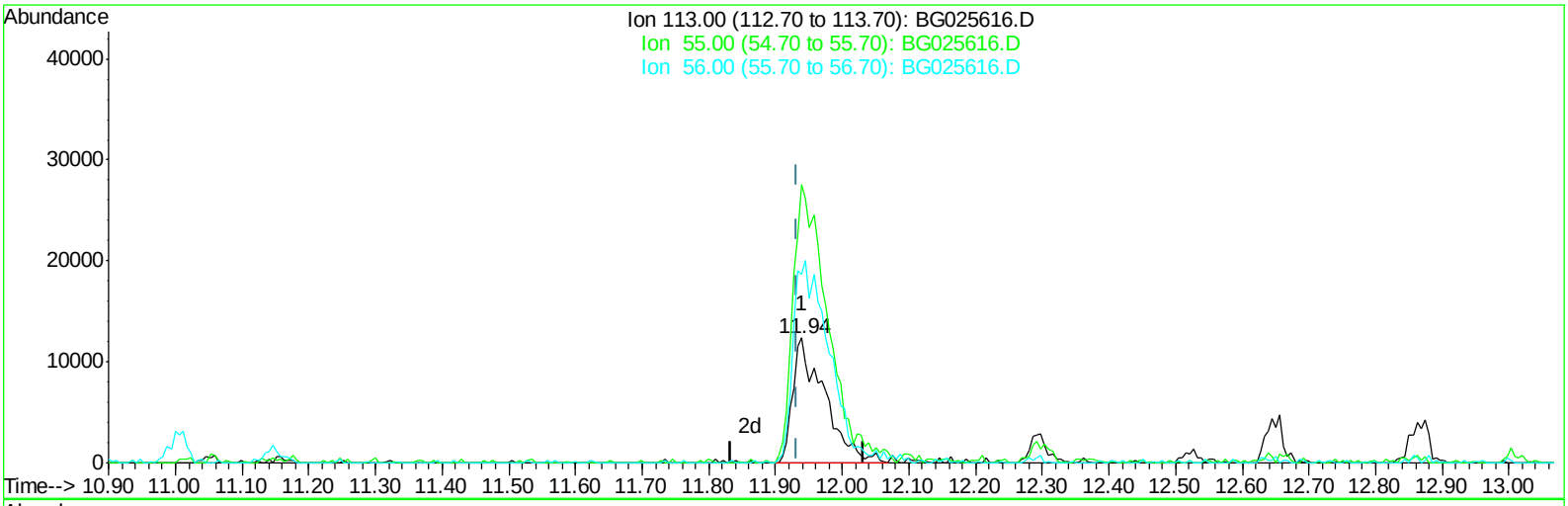
Quantitation Report (Qedit)

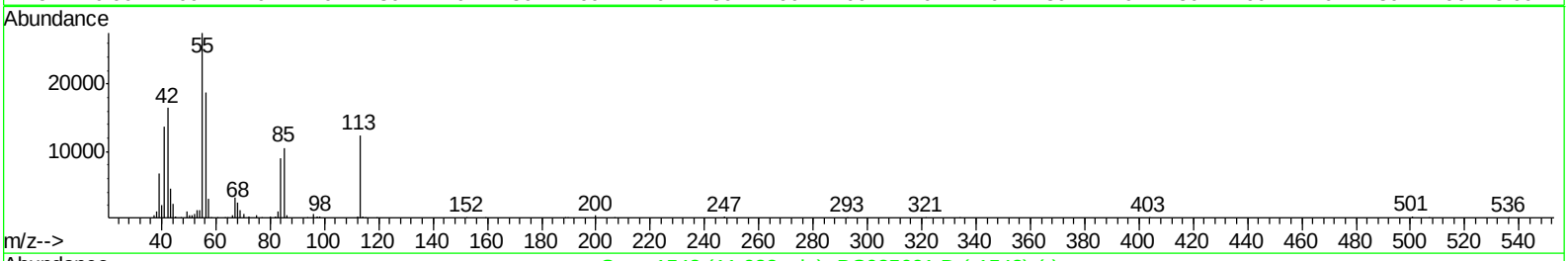
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025616.D
Acq On : 24 Jan 2017 20:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

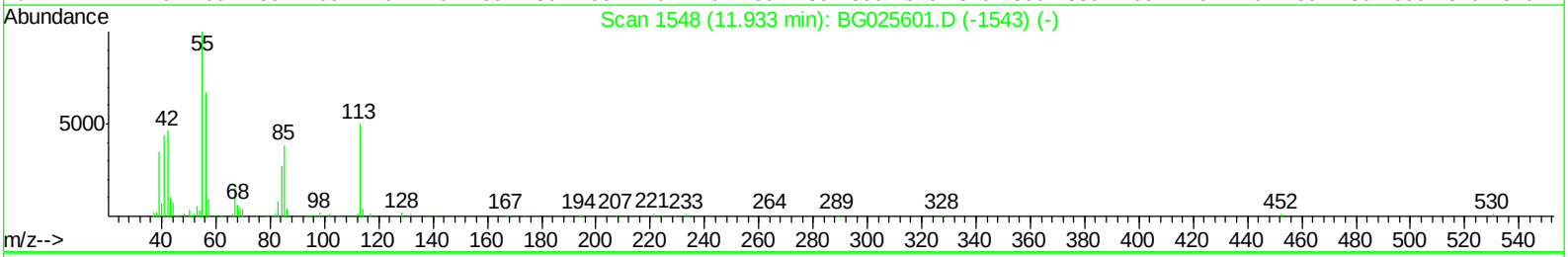
Quant Time: Jan 25 00:51:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 00:45:14 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
mohammad
1/25/2017 3:47:15 PM







TIC: BG025616.D

(32) Caprolactam

11.940min (+0.006) 20.03ng/ul m

response 41021

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	223.02
56.00	160.60	151.14
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025616.D
Acq On : 24 Jan 2017 20:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 00:51:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 00:45:14 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
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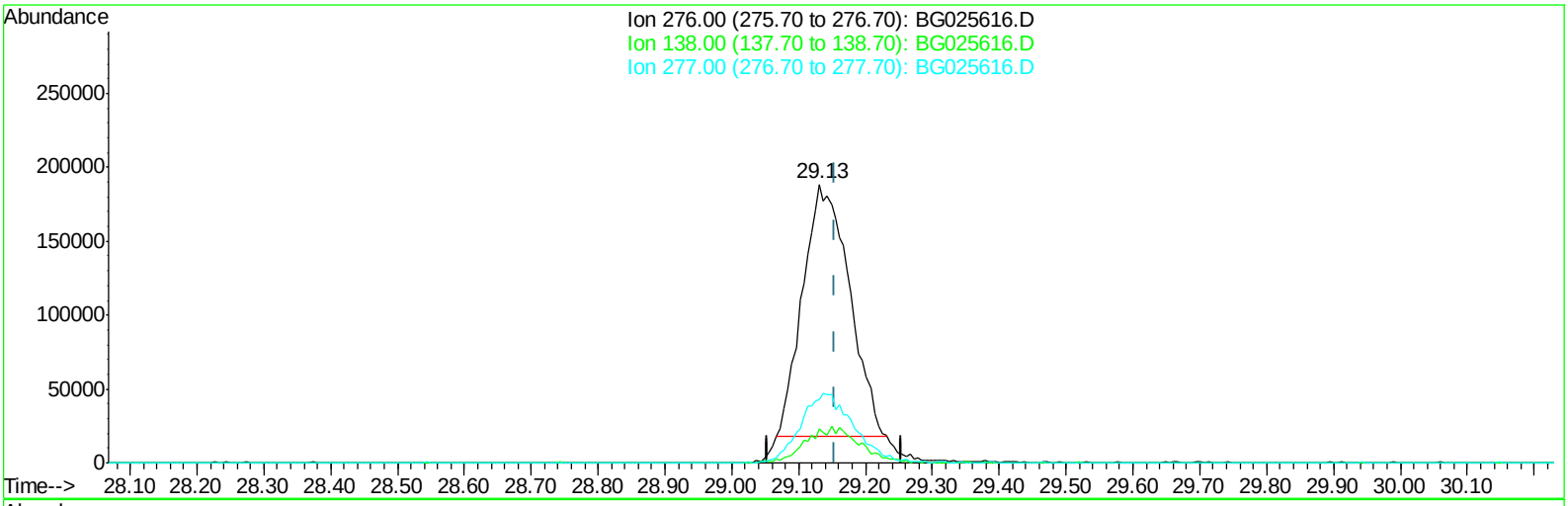
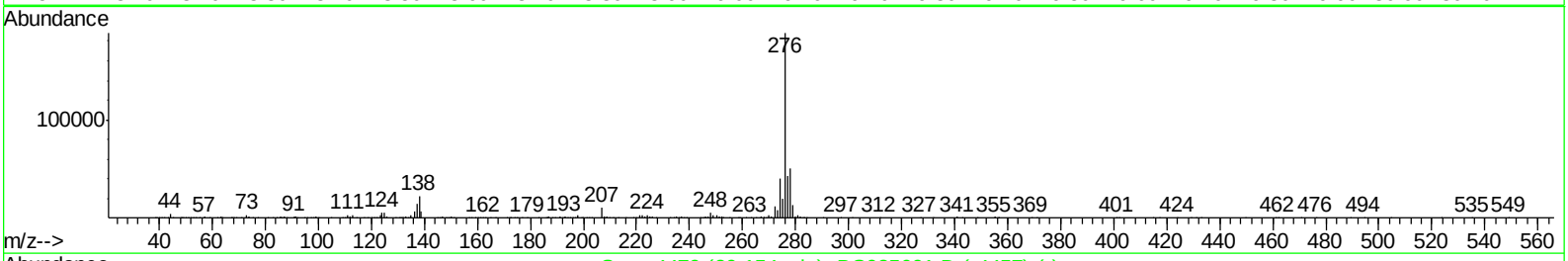
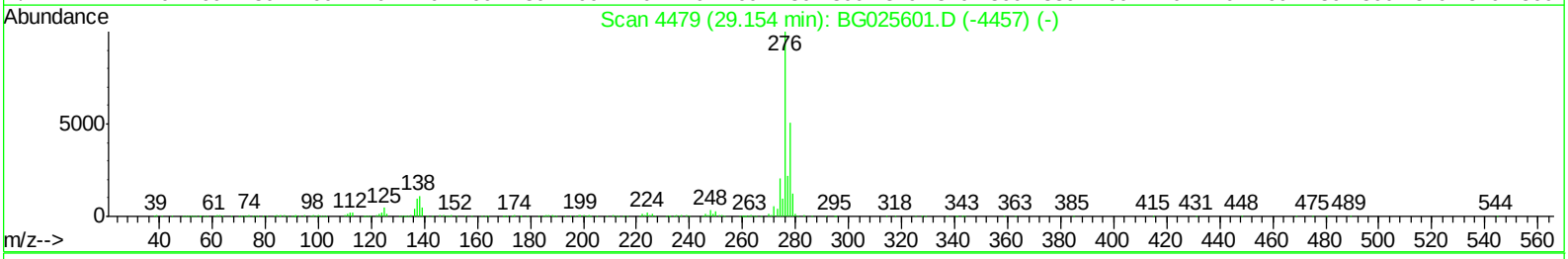






TIC: BG025616.D

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

29.131min (-0.023) 16.61ng/ul

response 821006

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	12.08
277.00	23.30	22.90
0.00	0.00	0.00

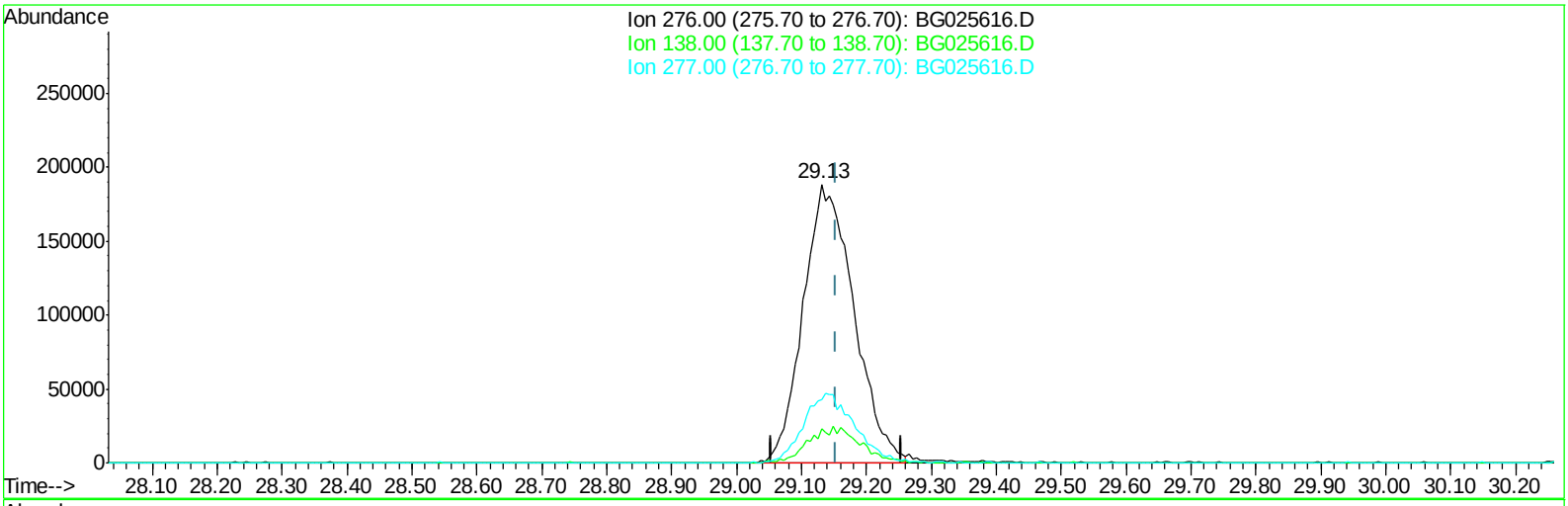
Quantitation Report (Qedit)

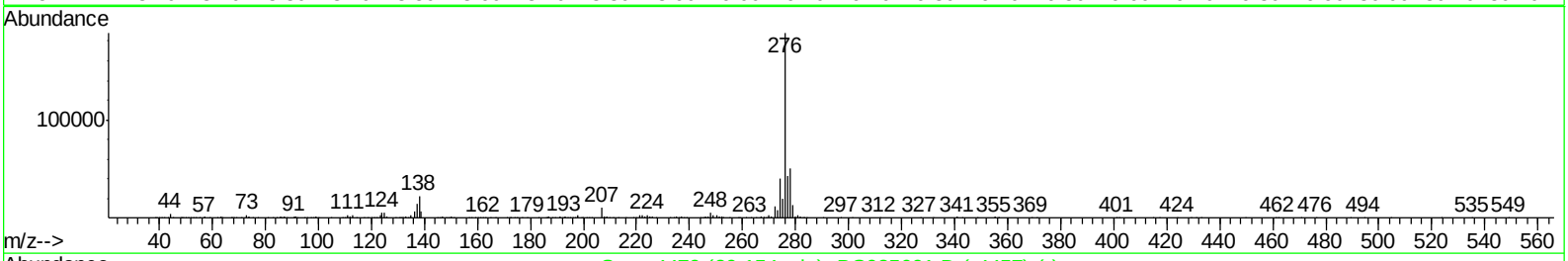
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025616.D
Acq On : 24 Jan 2017 20:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

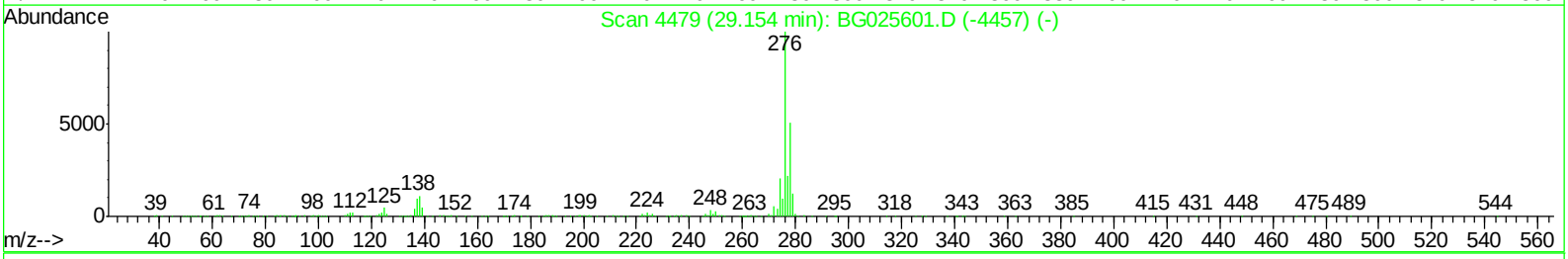
Quant Time: Jan 25 00:51:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 00:45:14 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
mohammad
1/25/2017 3:47:15 PM







TIC: BG025616.D

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

29.131min (-0.023) 20.76ng/ul m

response 1025930

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	12.08
277.00	23.30	22.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025616.D
Acq On : 24 Jan 2017 20:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 00:51:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 00:45:14 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
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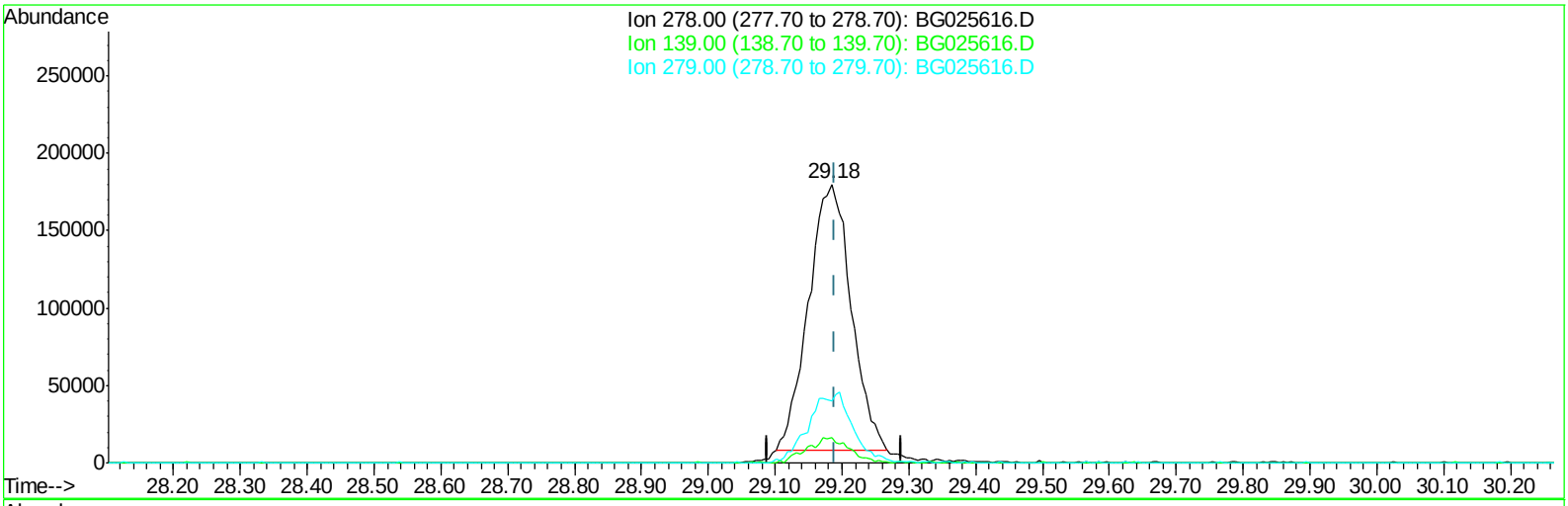
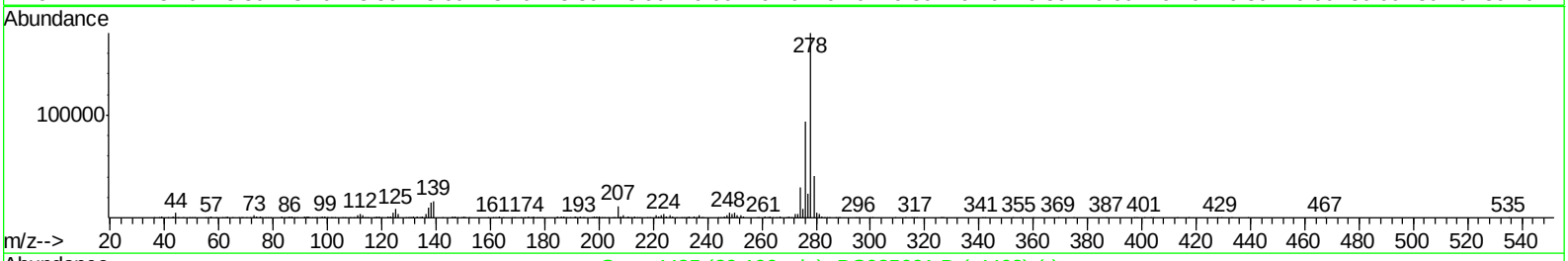
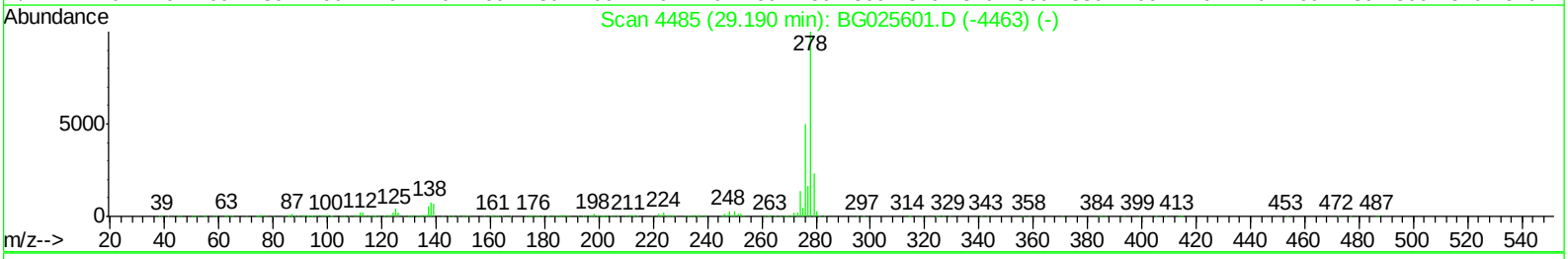
1/25/2017 3:47:15 PM







TIC: BG025616.D

(90) Dibenzo(a,h)anthracene

29.184min (-0.006) 18.33ng/ul

response 754408

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	9.01
279.00	26.10	22.36
0.00	0.00	0.00

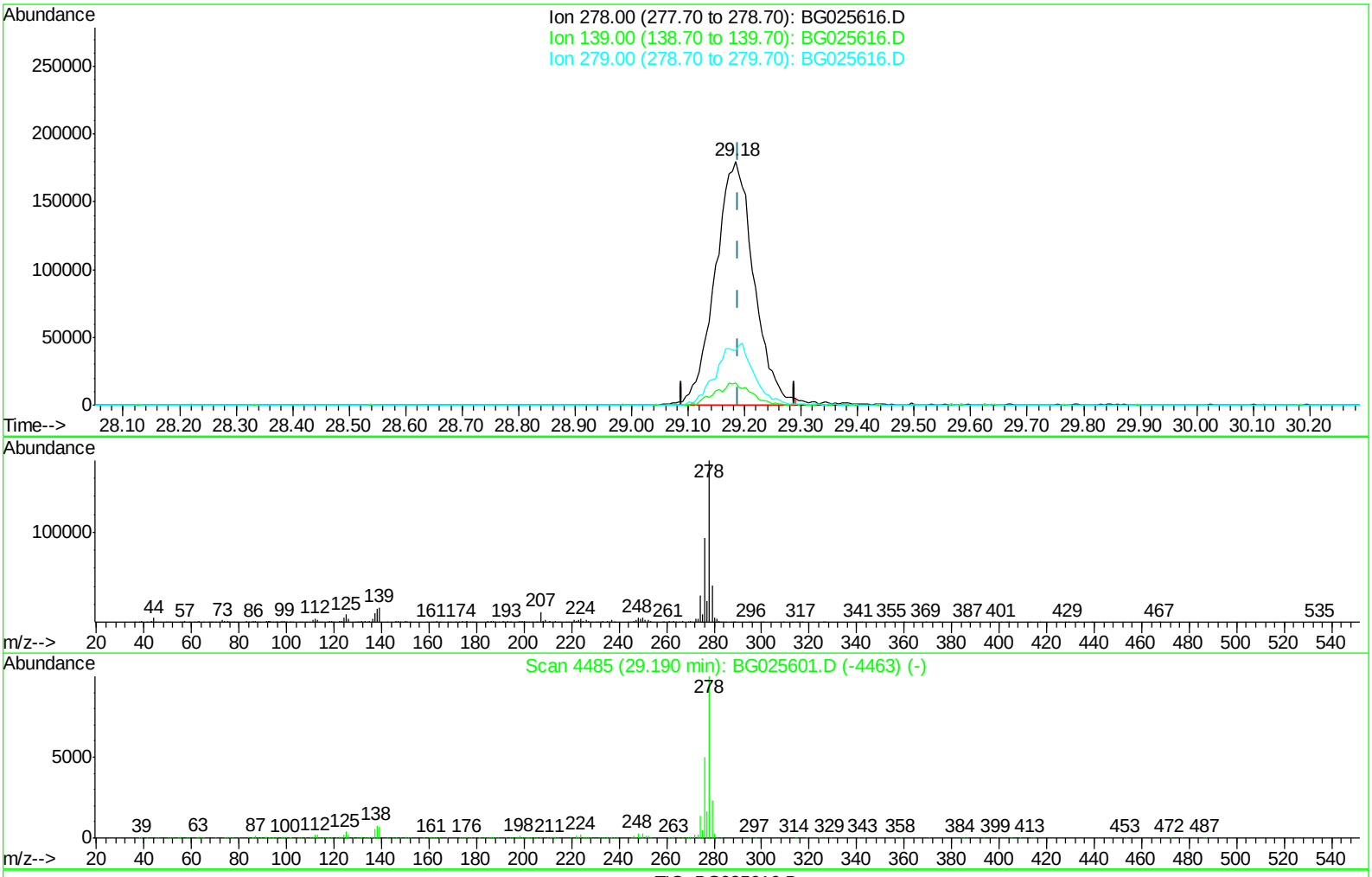
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025616.D
Acq On : 24 Jan 2017 20:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 00:51:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 00:45:14 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
mohammad
1/25/2017 3:47:15 PM



TIC: BG025616.D

(90) Dibenzo(a,h)anthracene

29.184min (-0.006) 20.77ng/ul m

response 855142

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	9.01
279.00	26.10	22.36
0.00	0.00	0.00

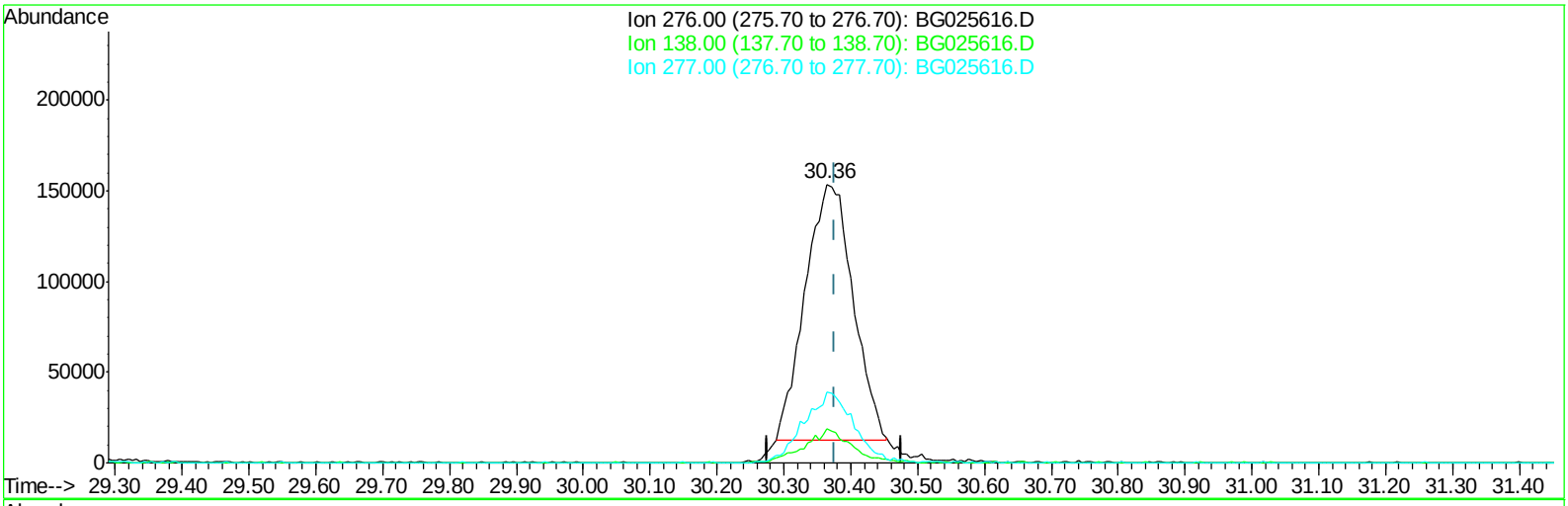
Quantitation Report (Qedit)

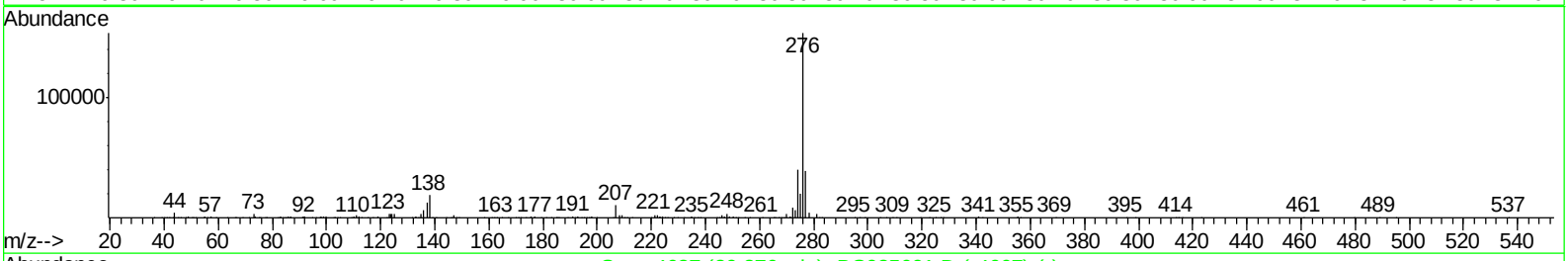
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025616.D
Acq On : 24 Jan 2017 20:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

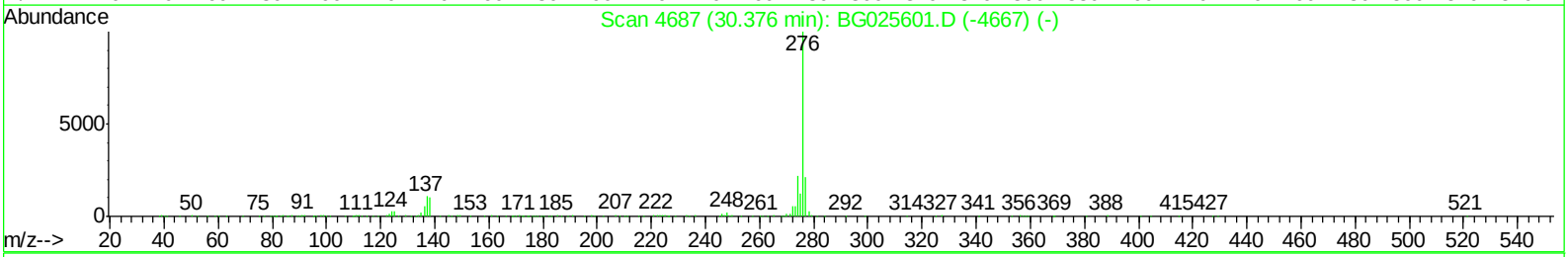
Quant Time: Jan 25 00:51:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 00:45:14 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
mohammad
1/25/2017 3:47:15 PM







TIC: BG025616.D

(91) Benzo(g,h,i)perylene

30.365min (-0.011) 17.18ng/ul

response 697446

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	12.36
277.00	22.00	25.29
0.00	0.00	0.00

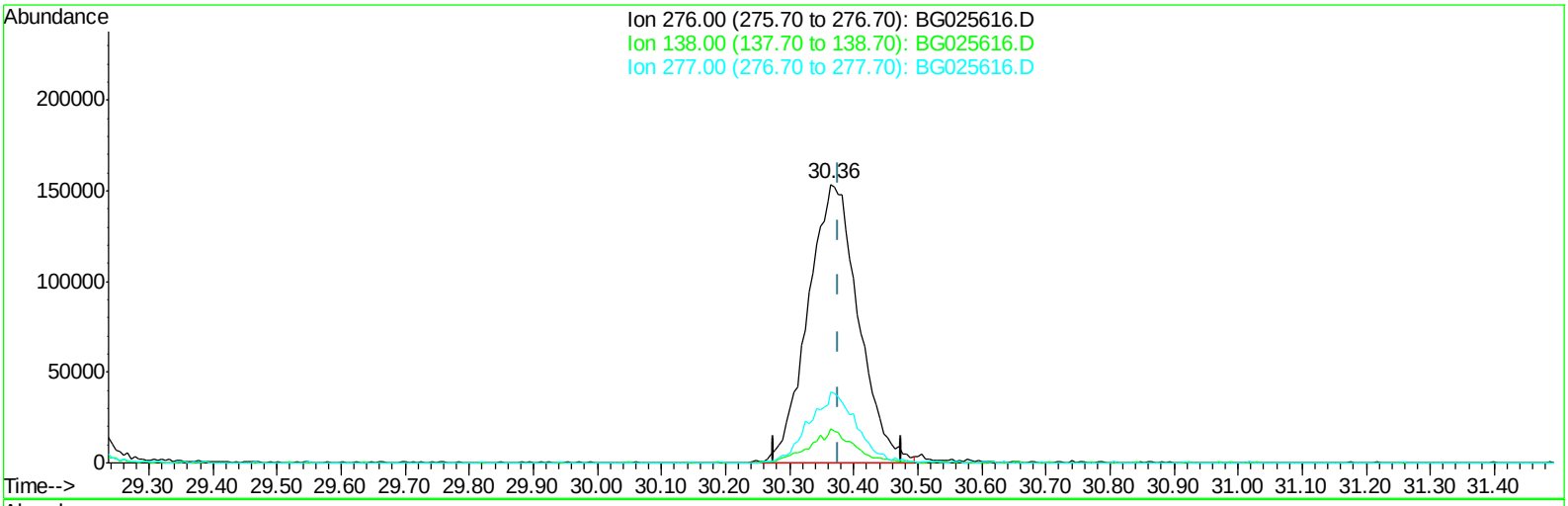
Quantitation Report (Qedit)

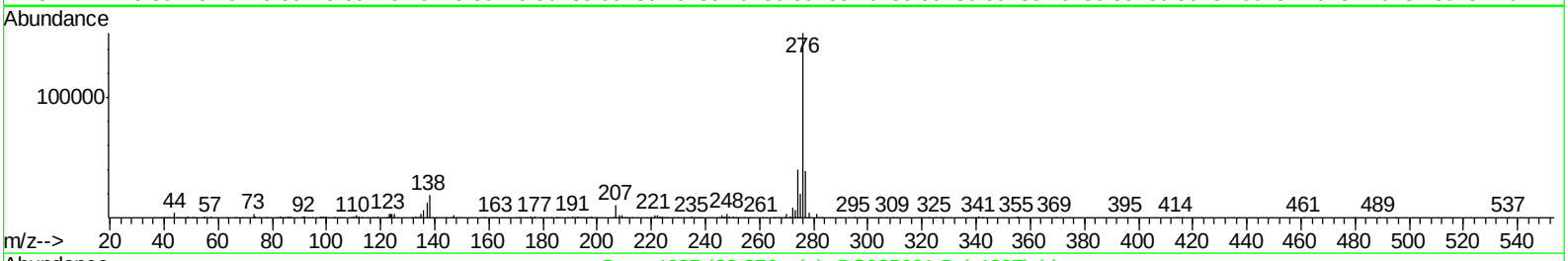
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025616.D
Acq On : 24 Jan 2017 20:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

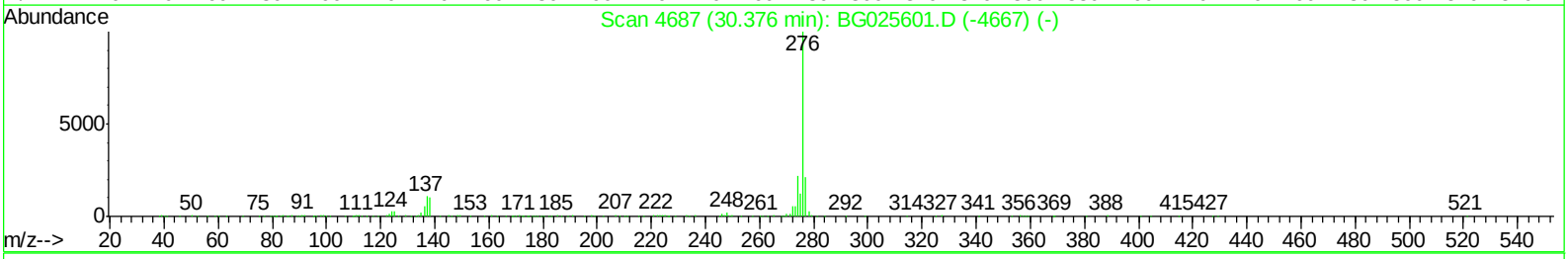
Quant Time: Jan 25 00:51:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 00:45:14 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
mohammad
1/25/2017 3:47:15 PM







TIC: BG025616.D

(91) Benzo(g,h,i)perylene

30.365min (-0.011) 21.02ng/ul m

response 852992

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	12.36
277.00	22.00	25.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025616.D
Acq On : 24 Jan 2017 20:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
mohammad
1/25/2017 3:47:15 PM

Quant Time: Jan 25 02:32:18 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 00:45:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	65424	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	300678	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	266716	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	634690	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	757645	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	797075	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	9123	6.98	ng/uL	0.00
5) Phenol-d5	7.34	99	119857	21.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	81207	22.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	80603	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	103364	21.69	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	45762	21.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	52176	20.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	105607	21.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	130105	23.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	395628	21.01	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	434092	21.34	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	47238	18.30	ng/ul	0.00
57) Fluorene-d10	15.79	176	374428	21.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	78800	20.13	ng/ul	0.00
70) Anthracene-d10	17.66	188	583680	21.60	ng/ul	0.00
76) Pyrene-d10	19.93	212	712029	22.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	716275	21.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	11559	7.48	ng/uL#	72
4) Benzaldehyde	7.32	77	96469	24.98	ng/ul	90
6) Phenol	7.37	94	126867	21.54	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.59	93	90226	21.44	ng/ul#	95
10) 2-Chlorophenol	7.74	128	83495	21.32	ng/ul	93
11) 2-Methylphenol	8.63	108	94712	21.58	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.70	45	180288	22.56	ng/ul	97
14) Acetophenone	9.01	105	159480	21.42	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.98	70	100492	22.56	ng/ul#	92
16) 4-Methylphenol	8.96	108	104474	21.72	ng/ul	99
17) Hexachloroethane	9.26	117	36993	20.28	ng/ul	86
20) Nitrobenzene	9.40	77	146860	21.52	ng/ul#	93
21) Isophorone	9.92	82	277233	21.63	ng/ul	98
23) 2-Nitrophenol	10.12	139	56558	21.77	ng/ul	94
24) 2,4-Dimethylphenol	10.17	107	133544	21.33	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.39	93	137911	21.33	ng/ul	91
27) 2,4-Dichlorophenol	10.66	162	107543	22.07	ng/ul	93
28) Naphthalene	11.05	128	297598	21.44	ng/ul	95
30) 4-Chloroaniline	11.18	127	129096	22.85	ng/ul	95
31) Hexachlorobutadiene	11.31	225	89031	20.92	ng/ul#	85
32) Caprolactam	11.94	113	41021m	20.03	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	133673	22.59	ng/ul	93
34) 2-Methylnaphthalene	12.64	142	242140	21.37	ng/ul	93

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025616.D
Acq On : 24 Jan 2017 20:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
mohammad
1/25/2017 3:47:15 PM

Quant Time: Jan 25 02:32:18 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 00:45:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	161638	20.12	ng/ul	97
37) Hexachlorocyclopentadiene	12.97	237	72778	22.96	ng/ul	97
38) 2,4,6-Trichlorophenol	13.26	196	101579	20.89	ng/ul#	77
39) 2,4,5-Trichlorophenol	13.34	196	109127	21.40	ng/ul	97
40) 1,1'-Biphenyl	13.64	154	346395	20.96	ng/ul	95
41) 2-Chloronaphthalene	13.70	162	272925	21.28	ng/ul	95
42) 2-Nitroaniline	13.91	65	118005	21.22	ng/ul	90
44) Dimethylphthalate	14.25	163	389196	21.01	ng/ul	98
45) 2,6-Dinitrotoluene	14.40	165	81330	21.33	ng/ul	97
47) Acenaphthylene	14.54	152	423929	21.40	ng/ul	97
48) 3-Nitroaniline	14.74	138	74889	21.71	ng/ul#	75
49) Acenaphthene	14.87	153	304122	21.55	ng/ul	98
50) 2,4-Dinitrophenol	14.97	184	48932	21.83	ng/ul#	85
52) 4-Nitrophenol	15.05	109	65597	18.35	ng/ul	94
53) Dibenzofuran	15.21	168	459745	21.20	ng/ul	99
54) 2,4-Dinitrotoluene	15.19	165	125358	21.56	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.44	232	110191	20.42	ng/ul	92
56) Diethylphthalate	15.60	149	418393	20.90	ng/ul	99
58) Fluorene	15.85	166	378436	21.37	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.83	204	208922	20.91	ng/ul	89
60) 4-Nitroaniline	15.91	138	73206	21.93	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.95	198	80981	20.07	ng/ul#	96
64) N-Nitrosodiphenylamine	16.05	169	352437	21.54	ng/ul	92
65) 4-Bromophenyl-phenylether	16.73	248	155608	21.13	ng/ul	95
66) Hexachlorobenzene	16.85	284	175285	20.94	ng/ul	98
67) Atrazine	16.99	200	163825	21.31	ng/ul	93
68) Pentachlorophenol	17.22	266	57074	16.39	ng/ul	99
69) Phenanthrene	17.60	178	662673	21.48	ng/ul	100
71) Anthracene	17.69	178	687507	22.17	ng/ul	98
72) Carbazole	17.97	167	581883	22.62	ng/ul	99
73) Di-n-butylphthalate	18.47	149	729406	21.93	ng/ul	97
74) Fluoranthene	19.60	202	834245	22.91	ng/ul	98
77) Pyrene	19.96	202	839292	22.53	ng/ul	98
78) Butylbenzylphthalate	20.81	149	327956	22.63	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.73	252	326340	23.48	ng/ul#	97
80) Benzo(a)anthracene	21.82	228	869190	21.71	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.66	149	462884	22.89	ng/ul	98
82) Chrysene	21.90	228	823452	21.87	ng/ul	99
84) Di-n-octyl phthalate	22.91	149	787437	23.02	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	883292	21.41	ng/ul	99
86) Benzo(k)fluoranthene	24.22	252	813609	21.02	ng/ul	95
88) Benzo(a)pyrene	25.07	252	828282	21.23	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.13	276	1025930m	20.76	ng/ul	
90) Dibenzo(a,h)anthracene	29.18	278	855142m	20.77	ng/ul	
91) Benzo(g,h,i)perylene	30.36	276	852992m	21.02	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025616.D
Acq On : 24 Jan 2017 20:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 25 02:32:18 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 00:45:14 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02015

Manual Integrations APPROVED
mohammad
1/25/2017 3:47:15 PM