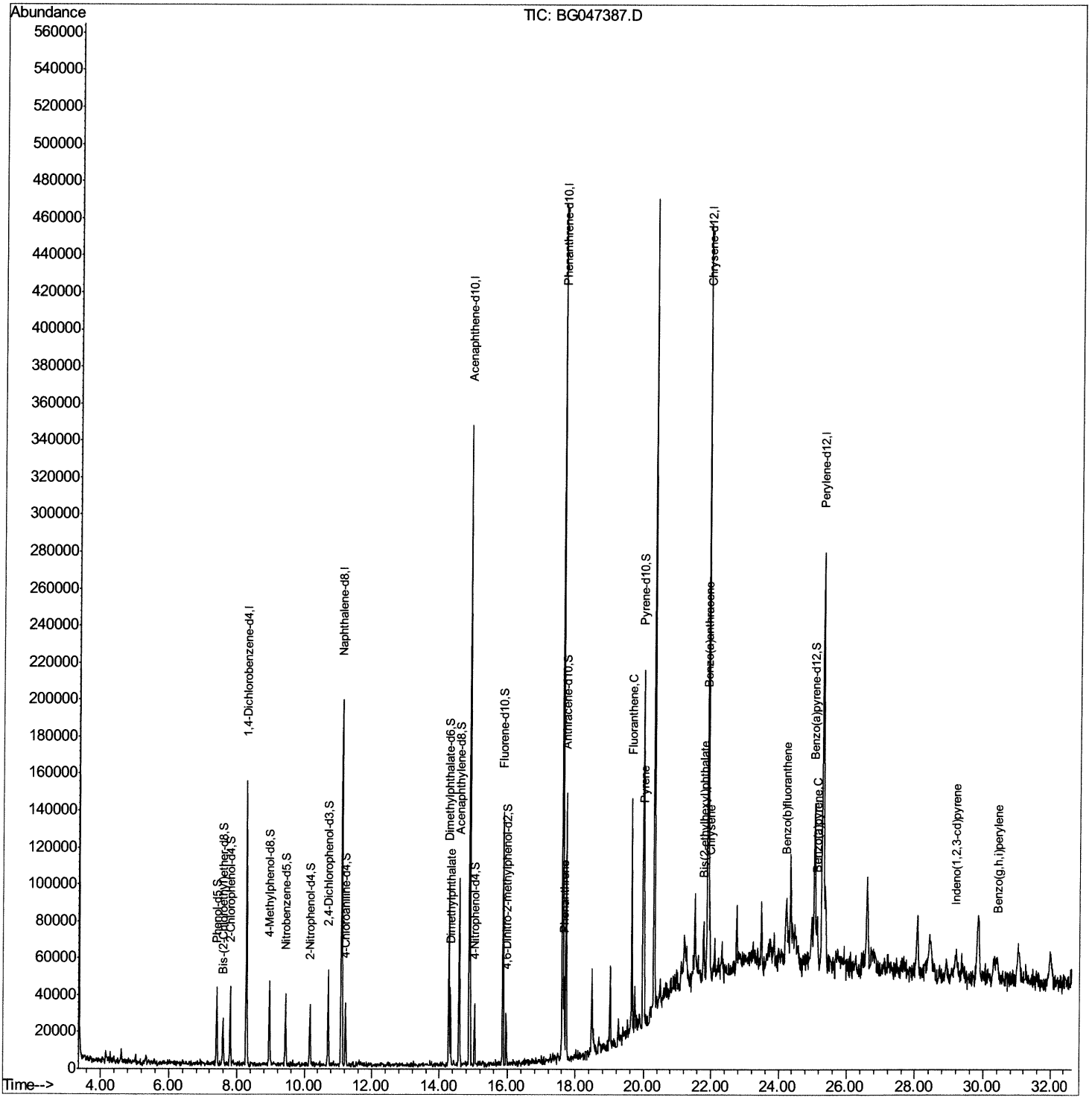
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112020\
Data File : BG047387.D
Acq On : 20 Nov 2020 23:02
Operator : CG/JU
Sample : L4711-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 21 04:00:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 01:27:02 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0B08

Manual Integrations APPROVED
mohammad
11/23/2020 1:29:59 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112020\
Data File : BG047387.D
Acq On : 20 Nov 2020 23:02
Operator : CG/JU
Sample : L4711-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 21 01:31:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 01:27:02 2020
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ClientSampleId :
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Manual Integrations APPROVED
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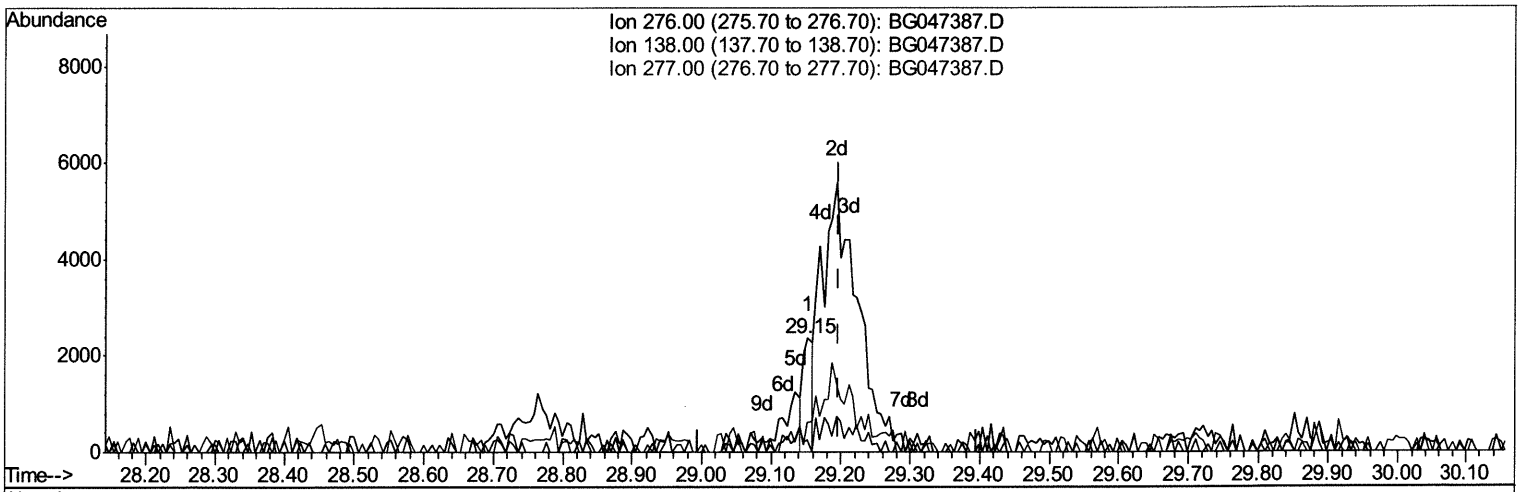
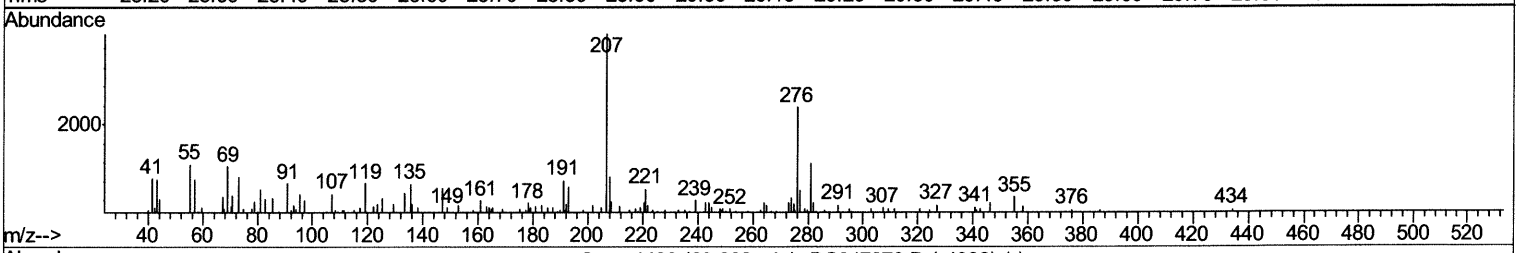
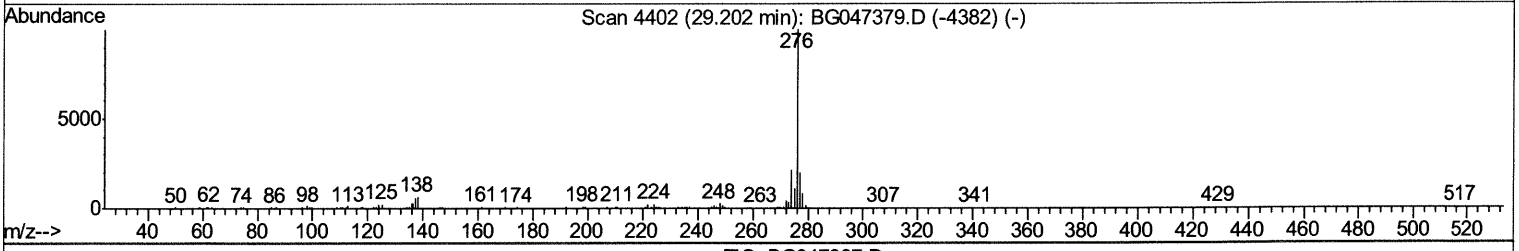
11/23/2020 1:29:59 PM







TIC: BG047387.D

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

29.152min (-0.044) 0.12ng/ul

response 2347

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	10.57
277.00	24.90	25.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112020\
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Operator : CG/JU
Sample : L4711-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 21 01:31:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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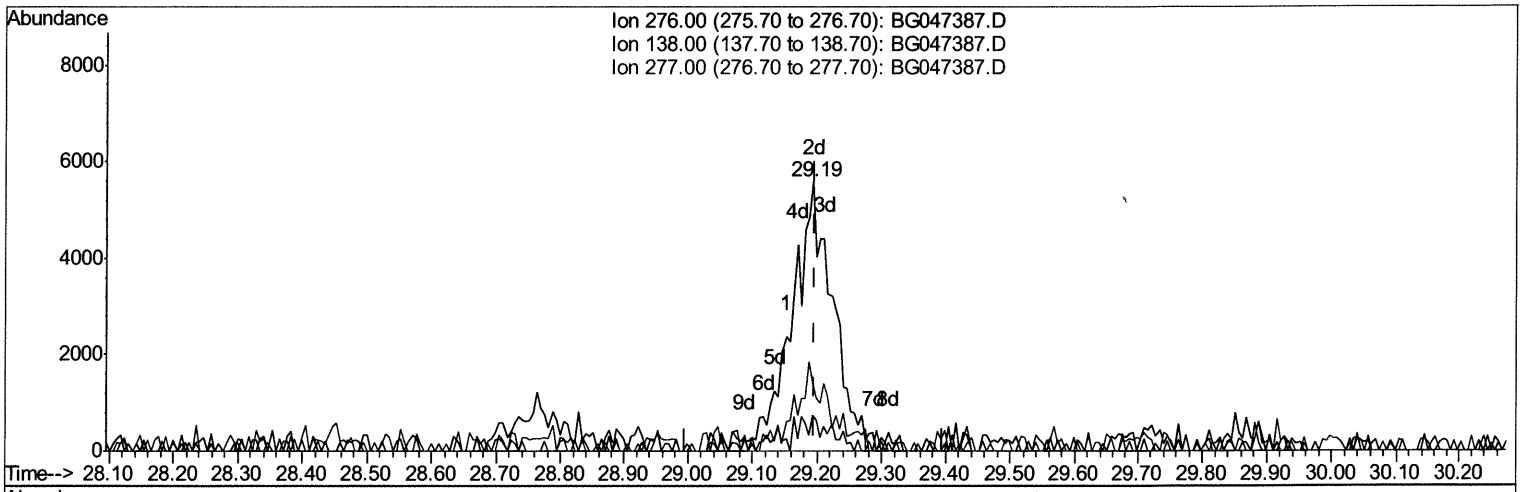
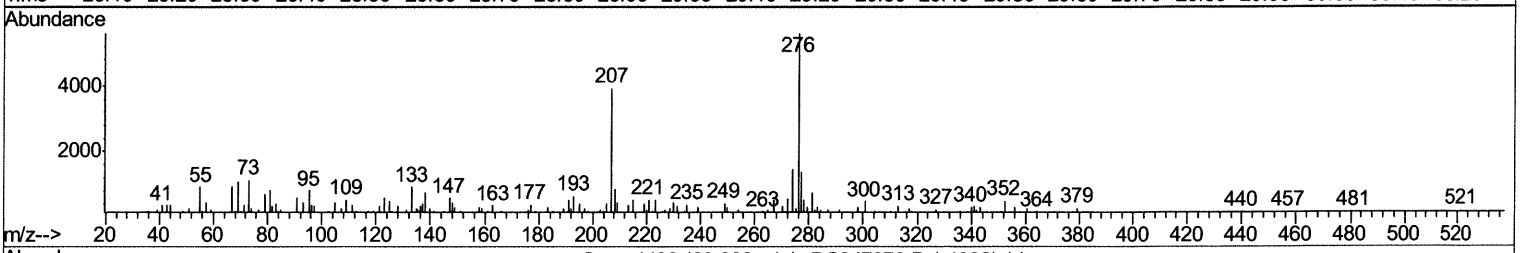
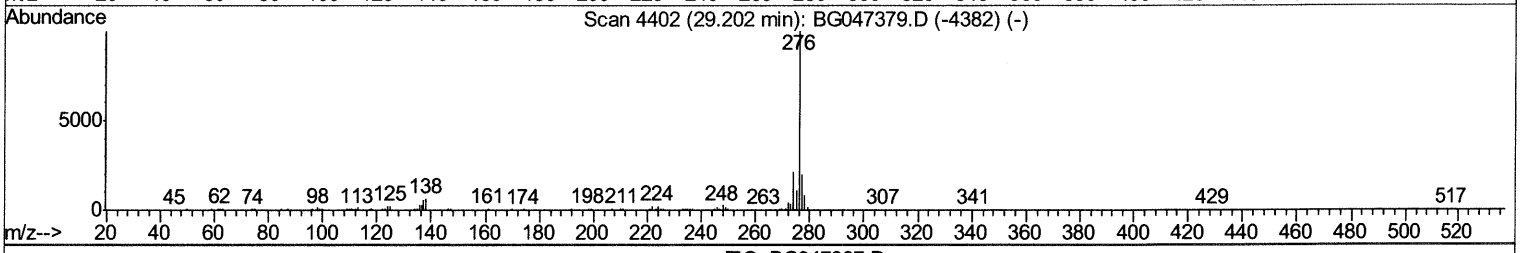
Instrument :
BNA_G
ClientSampleId :
C0B08

Manual Integrations APPROVED
mohammad
11/23/2020 1:29:59 PM







TIC: BG047387.D

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

29.193min (-0.003) 1.20ng/ul m 11/30/20 JU

response 24173

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	13.40#
277.00	24.90	24.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112020\
Data File : BG047387.D
Acq On : 20 Nov 2020 23:02
Operator : CG/JU
Sample : L4711-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 21 01:31:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 01:27:02 2020
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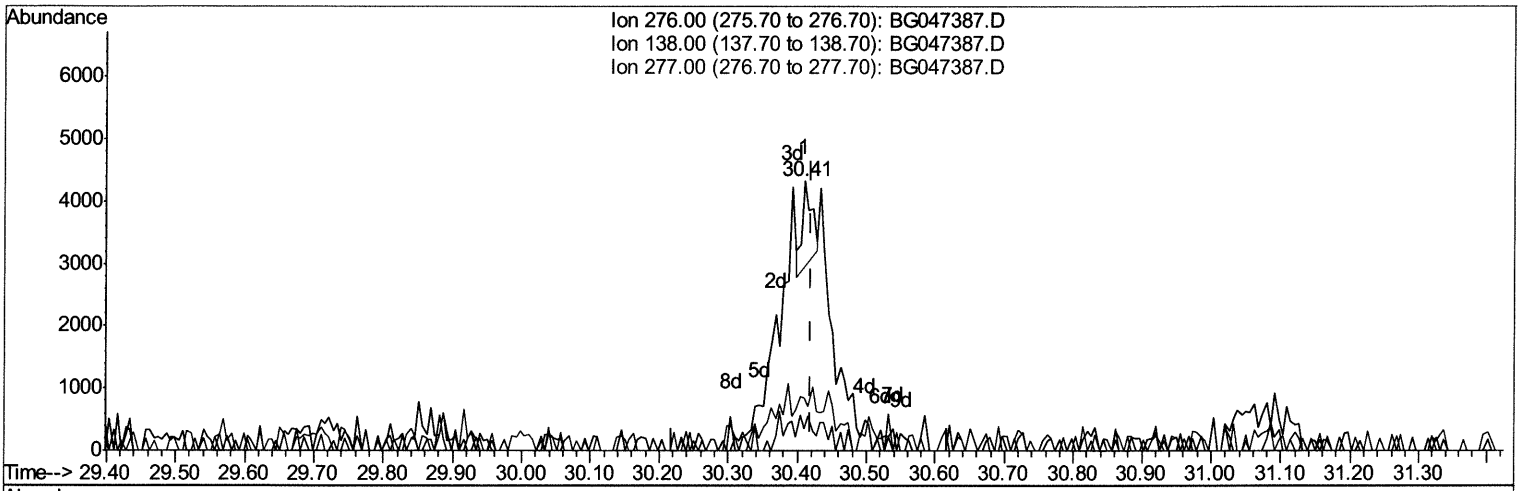
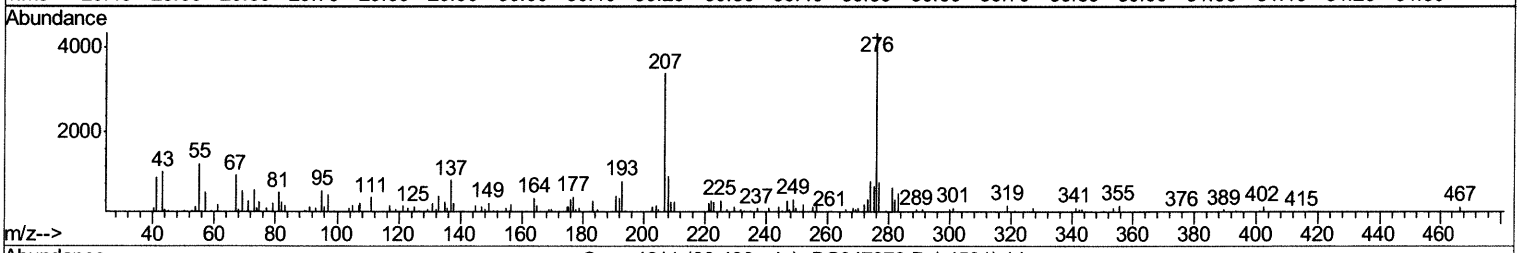
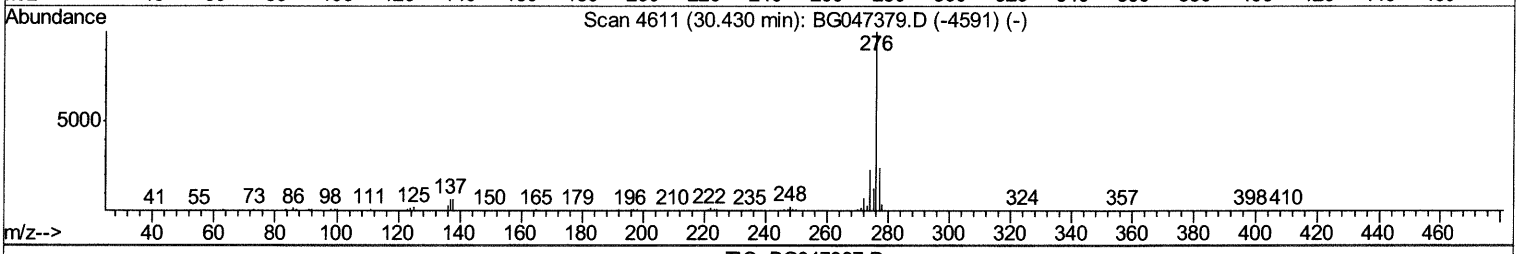
Instrument :
BNA_G
ClientSampleId :
C0B08

Manual Integrations APPROVED
mohammad
11/23/2020 1:29:59 PM







TIC: BG047387.D

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

30.409min (-0.009) 0.08ng/ul

response 1310

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	8.26
277.00	21.90	19.37
0.00	0.00	0.00

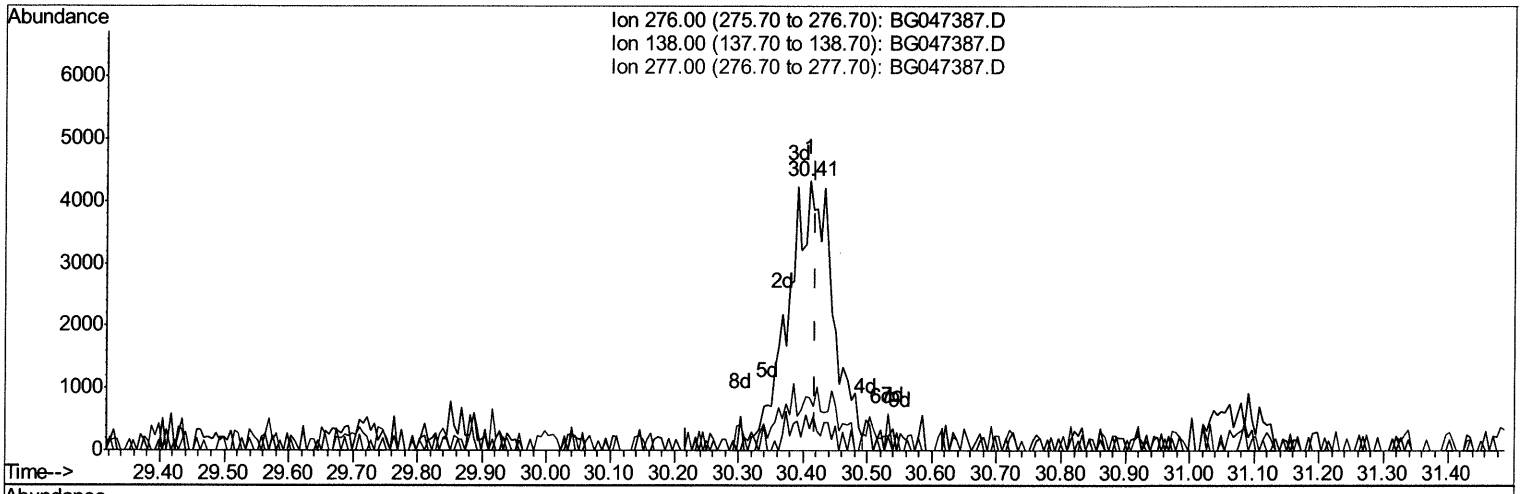
Quantitation Report (Qedit)

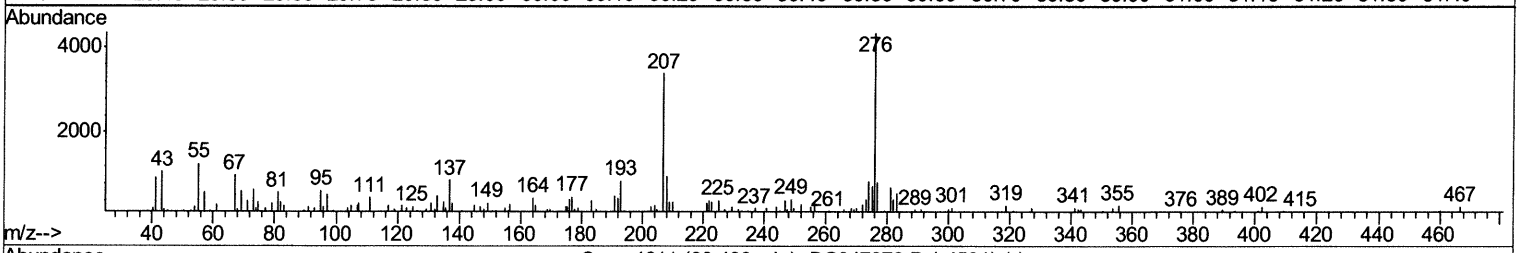
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112020\
Data File : BG047387.D
Acq On : 20 Nov 2020 23:02
Operator : CG/JU
Sample : L4711-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

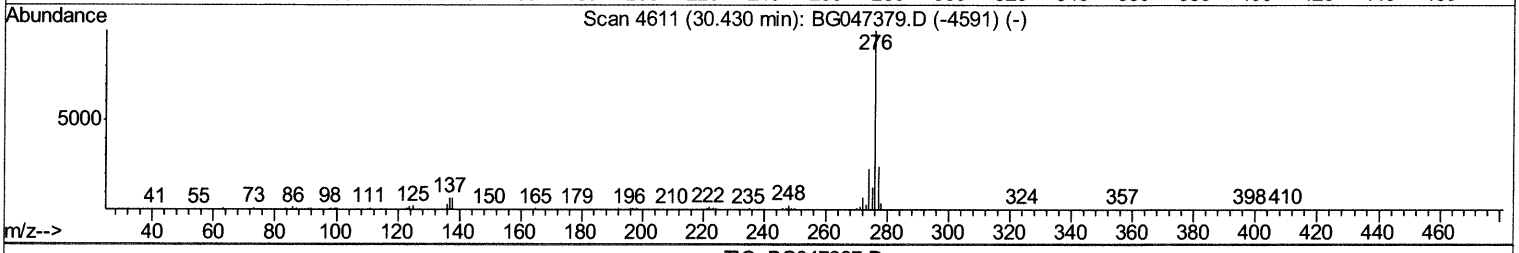
Quant Time: Nov 21 01:31:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 21 01:27:02 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0B08

Manual Integrations APPROVED
mohammad
11/23/2020 1:29:59 PM







TIC: BG047387.D

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

30.409min (-0.009) 1.25ng/ul m 11/30/2020

response 20716

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	8.26
277.00	21.90	19.37
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112020\
Data File : BG047387.D
Acq On : 20 Nov 2020 23:02
Operator : CG/JU
Sample : L4711-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B08

Manual Integrations APPROVED
mohammad
11/23/2020 1:29:59 PM

Quant Time: Nov 21 04:00:42 2020
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	39241	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	157448	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	125294	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	296239	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	257746	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	262271	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	651	0.60	ng/uL	0.00
5) Phenol-d5	7.40	99	19962	5.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	11346	5.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	14383	5.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	14294	4.73	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	7440	5.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	8065	5.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	18268	5.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	14827	4.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	55181	5.13	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	71869	5.78	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	5813	3.54	ng/ul	0.00
58) Fluorene-d10	15.87	176	55025	5.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	6901	4.09	ng/ul	0.00
71) Anthracene-d10	17.71	188	89245	6.07	ng/ul	0.00
79) Pyrene-d10	19.98	212	96952	6.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	91981	6.09	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.32	163	23582	2.149	ng/ul	98
70) Phenanthrene	17.66	178	27364	1.711	ng/ul#	94
77) Fluoranthene	19.65	202	76233	3.773	ng/ul	100
80) Pyrene	20.01	202	58640	3.212	ng/ul#	94
83) Benzo(a)anthracene	21.87	228	29373	1.602	ng/ul#	88
84) Bis(2-ethylhexyl)phthalate	21.77	149	11238	1.257	ng/ul#	85
85) Chrysene	21.95	228	33620	1.926	ng/ul#	88
88) Benzo(b)fluoranthene	24.21	252	45386	2.451	ng/ul#	89
91) Benzo(a)pyrene	25.13	252	30440	1.844	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.19	276	24173m	1.204	ng/ul	
94) Benzo(g,h,i)perylene	30.41	276	20716m	1.250	ng/ul	

11/30/20 JU

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