

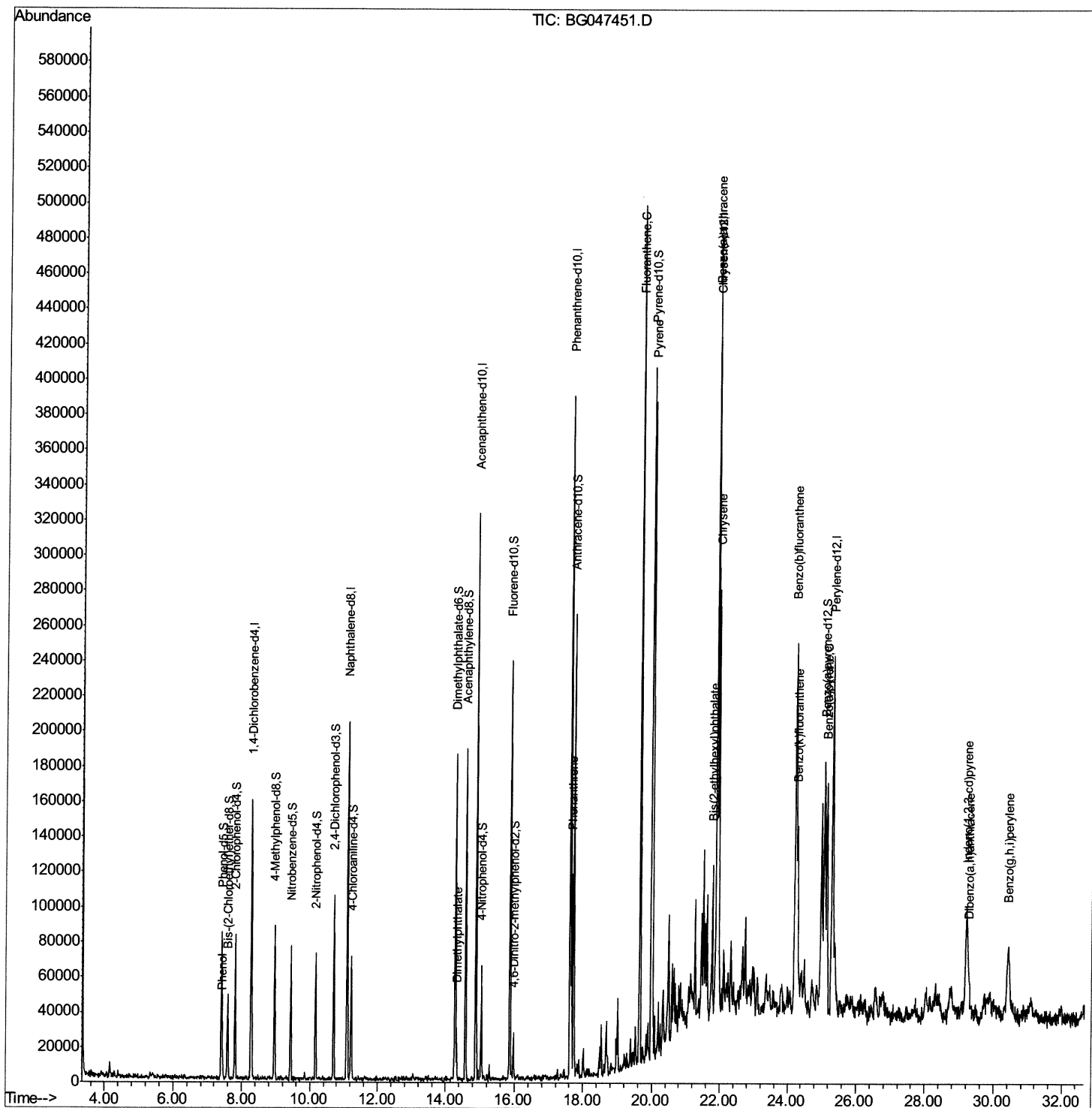
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047451.D
Acq On : 24 Nov 2020 18:08
Operator : CG/JU
Sample : L4751-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B85

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:25 PM

Quant Time: Nov 25 01:35:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG11920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

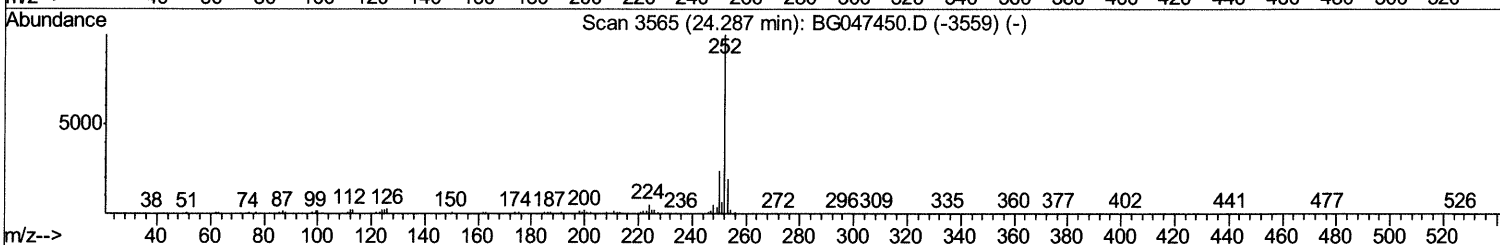
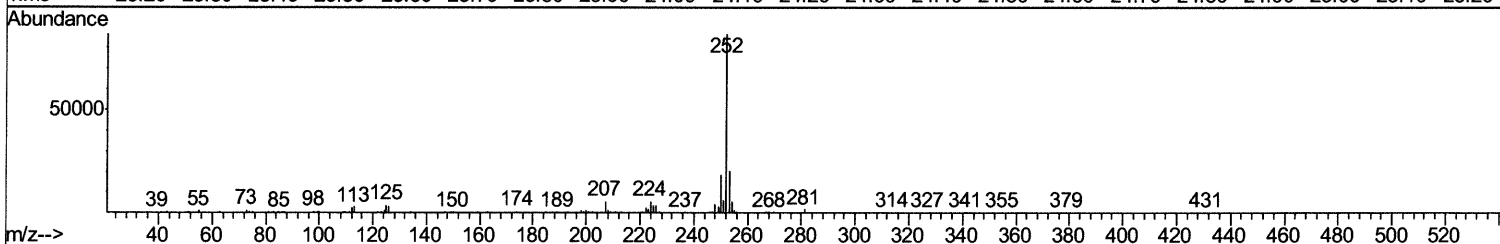
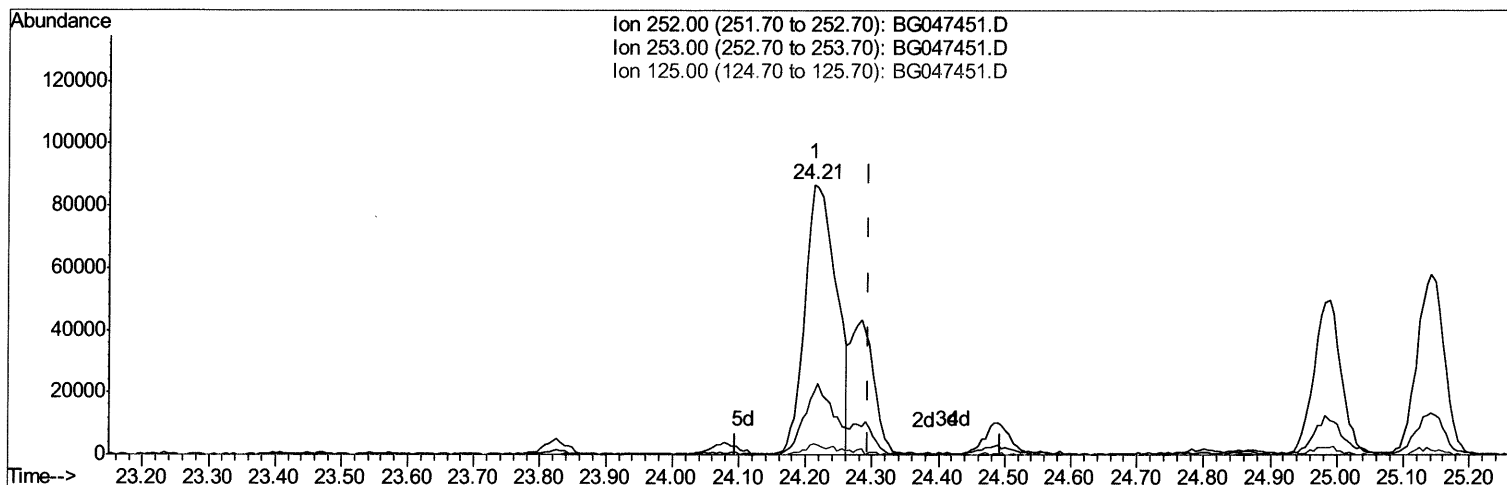
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047451.D
 Acq On : 24 Nov 2020 18:08
 Operator : CG/JU
 Sample : L4751-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B85

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:48:25 PM

Quant Time: Nov 25 01:22:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047451.D

(89) Benzo(k)fluoranthene

24.213min (-0.082) 16.56ng/ul

response 284226

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.14
125.00	2.70	4.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

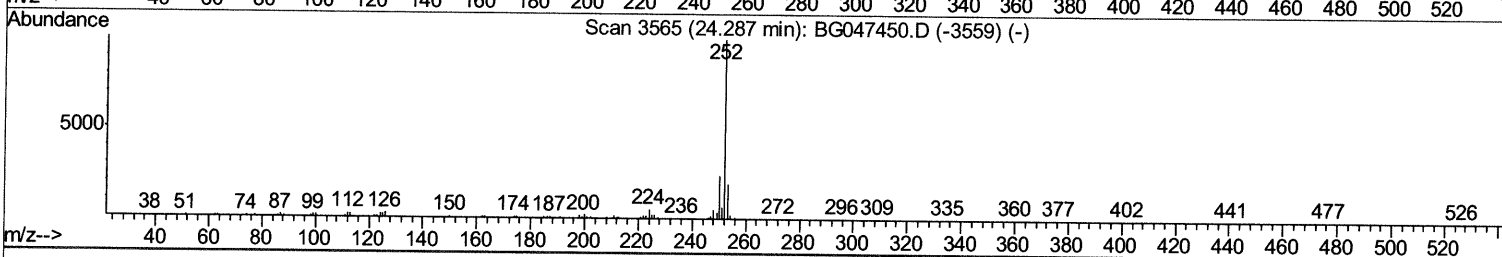
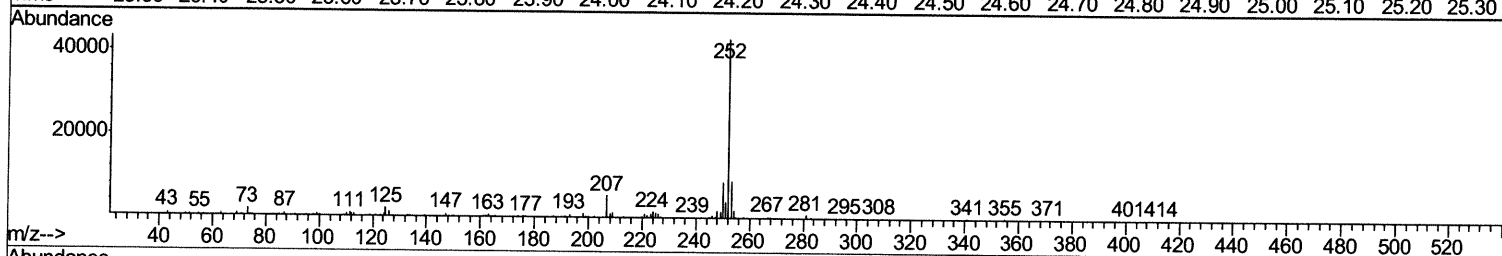
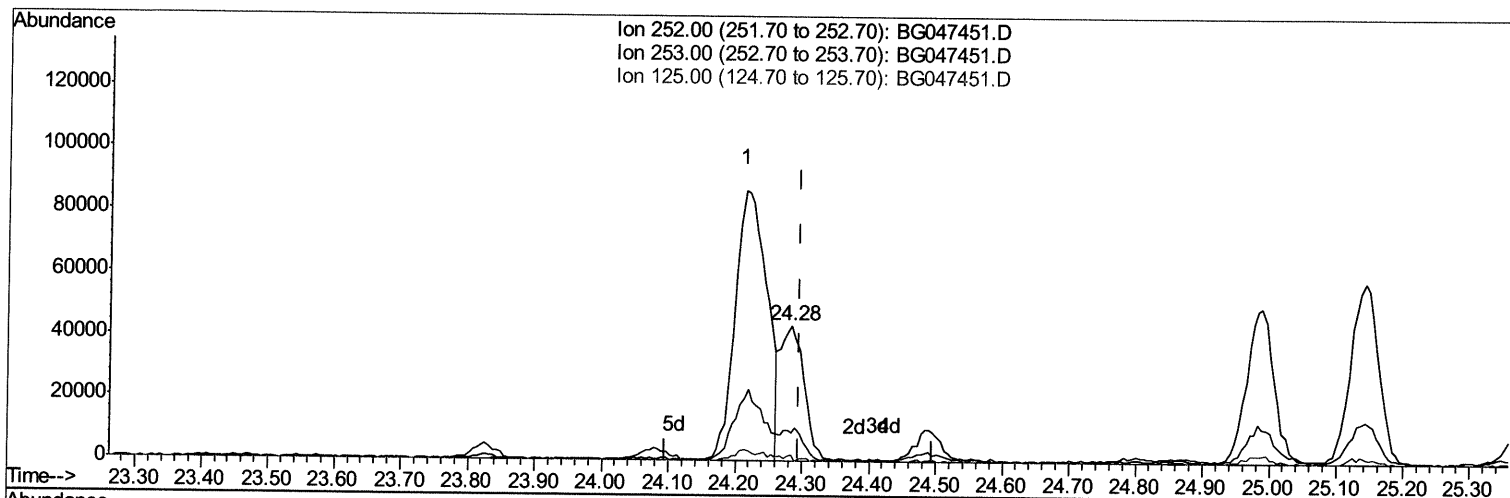
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047451.D
Acq On : 24 Nov 2020 18:08
Operator : CG/JU
Sample : L4751-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B85

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:25 PM

Quant Time: Nov 25 01:31:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047451.D

(89) Benzo(k)fluoranthene

24.284min (-0.011) 6.15ng/ul m

11/25/2020

response 105635

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	20.91
125.00	2.70	5.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

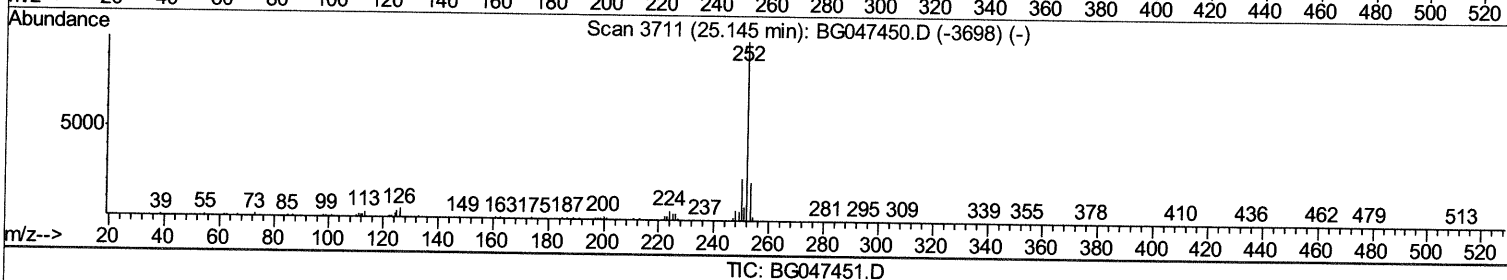
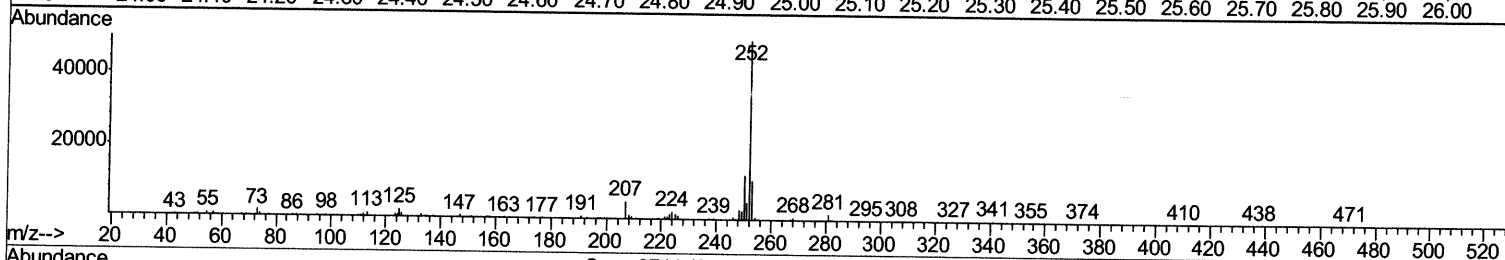
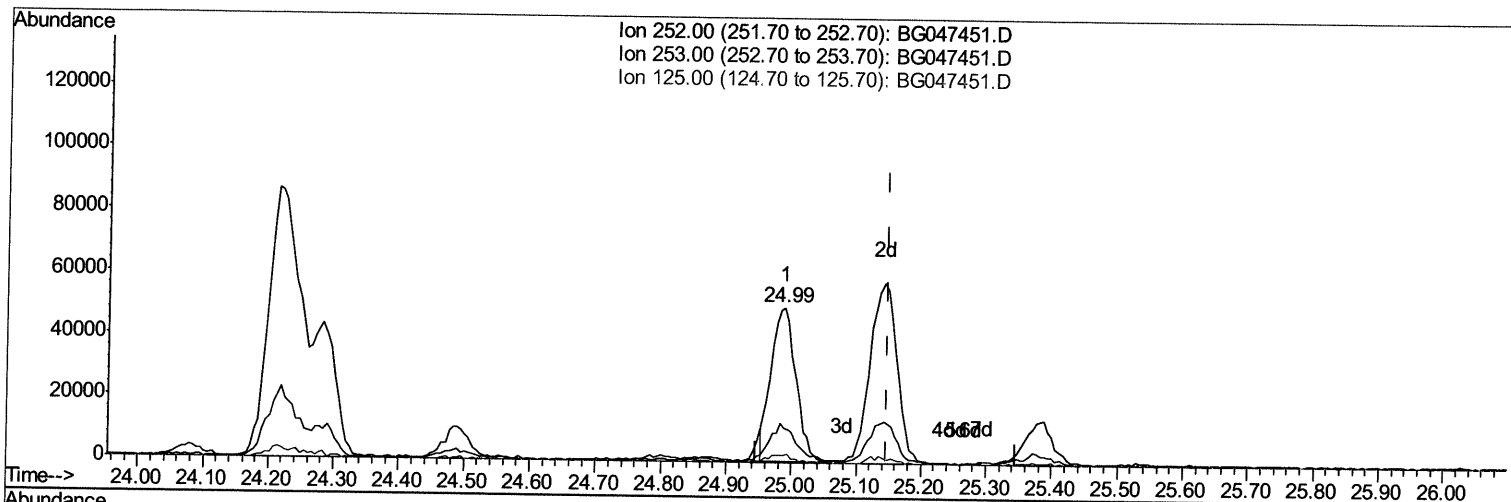
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047451.D
 Acq On : 24 Nov 2020 18:08
 Operator : CG/JU
 Sample : L4751-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B85

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:48:25 PM

Quant Time: Nov 25 01:31:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047451.D

(91) Benzo(a)pyrene (C)

24.989min (-0.158) 8.44ng/ul

response 131067

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	22.40
125.00	3.90	4.44
0.00	0.00	0.00

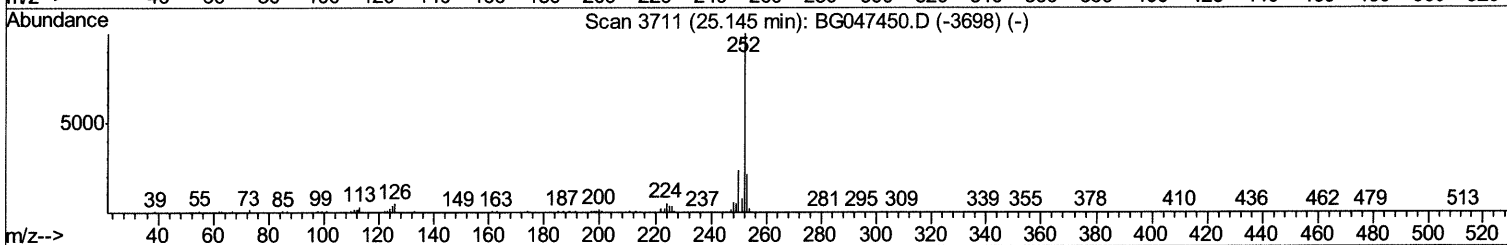
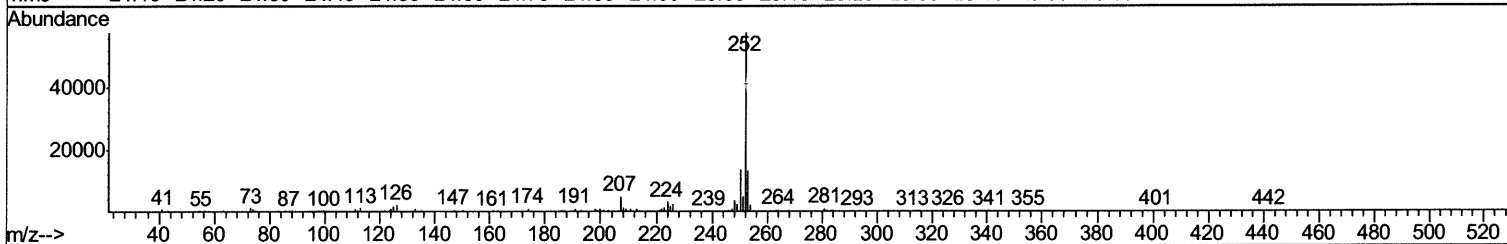
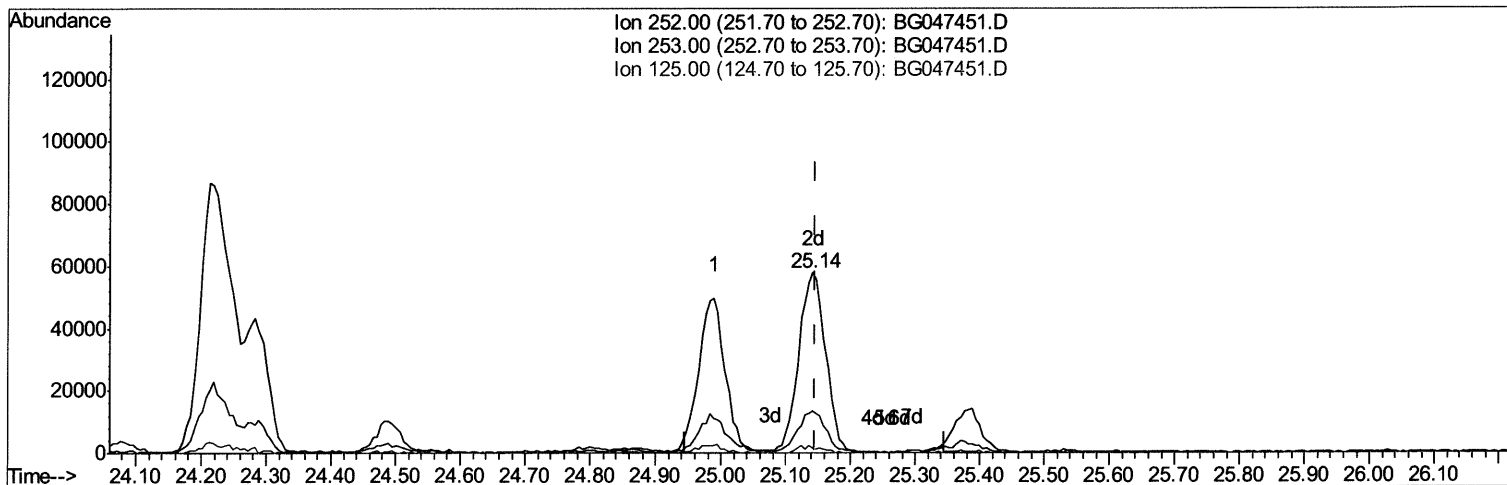
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047451.D
Acq On : 24 Nov 2020 18:08
Operator : CG/JU
Sample : L4751-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B85

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:25 PM

Quant Time: Nov 25 01:31:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047451.D

(91) Benzo(a)pyrene (C)

25.141min (-0.005) 10.79ng/ul m 11/25/2020

response 167483

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	22.99
125.00	3.90	2.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

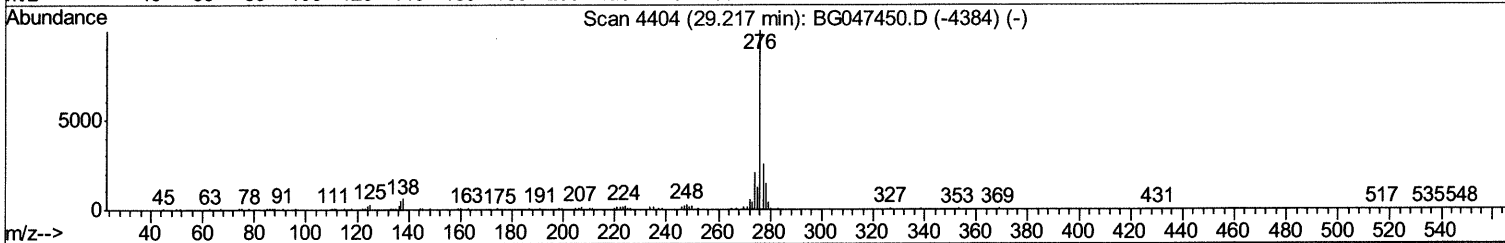
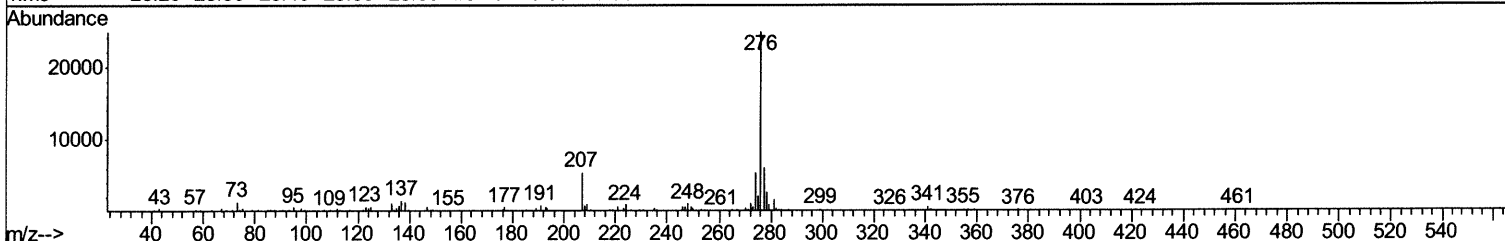
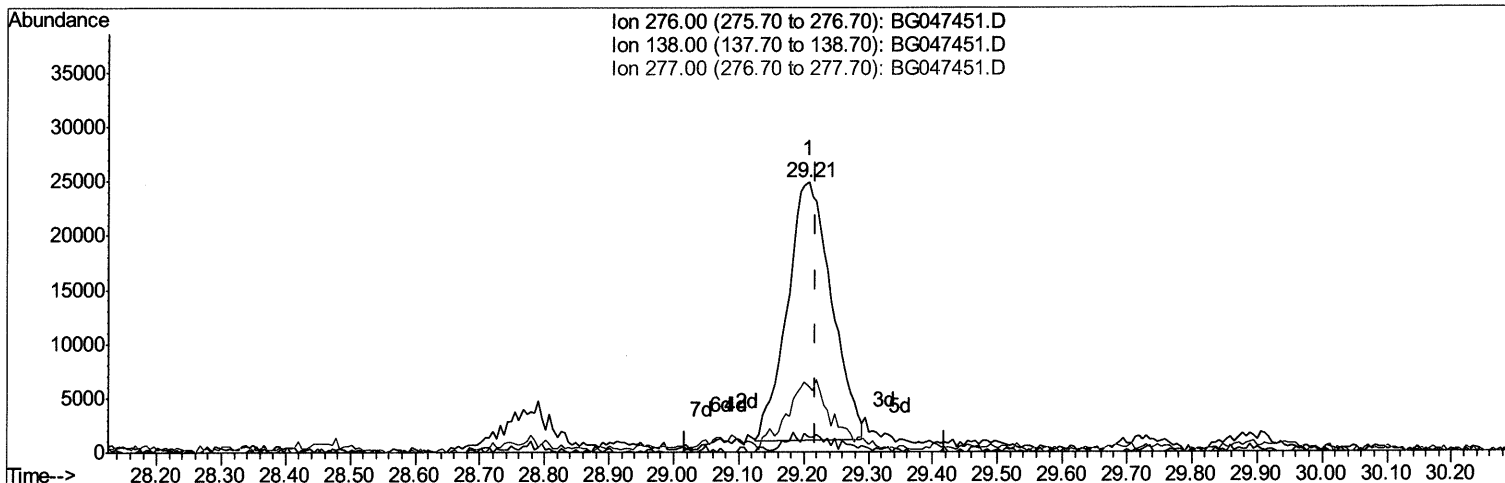
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047451.D
 Acq On : 24 Nov 2020 18:08
 Operator : CG/JU
 Sample : L4751-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B85

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:48:25 PM

Quant Time: Nov 25 01:31:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration



TIC: BG047451.D

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

29.207min (-0.011) 5.97ng/ul

response 112838

Ion	Exp%	Act%
276.00	100	100
138.00	6.30	5.37
277.00	20.60	24.17
0.00	0.00	0.00

Quantitation Report (Qedit)

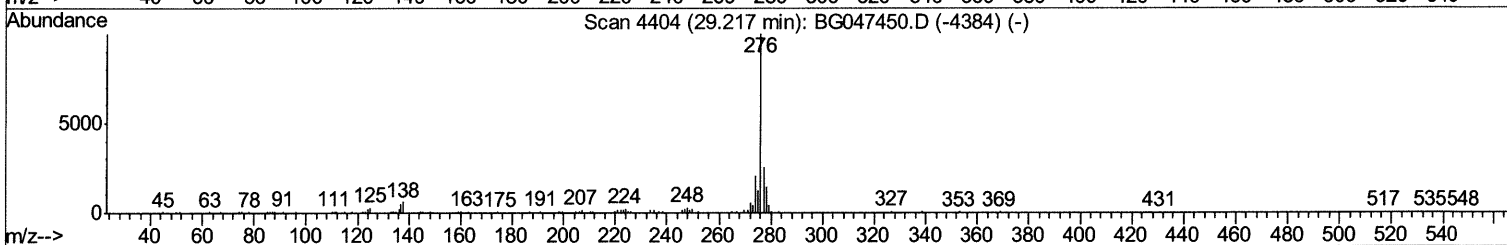
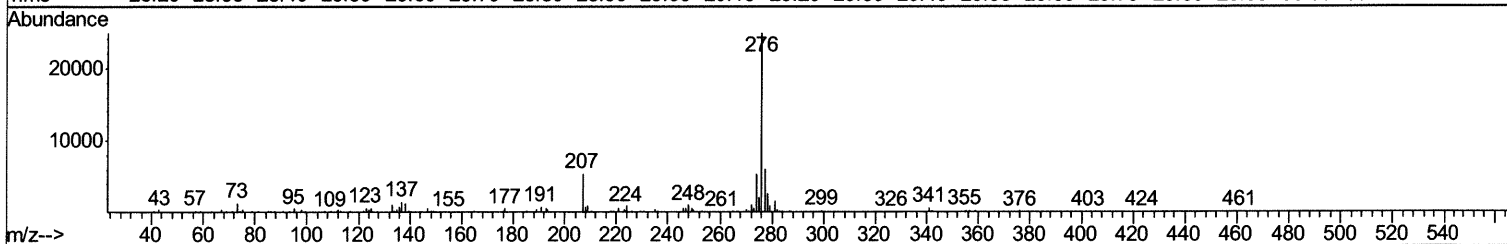
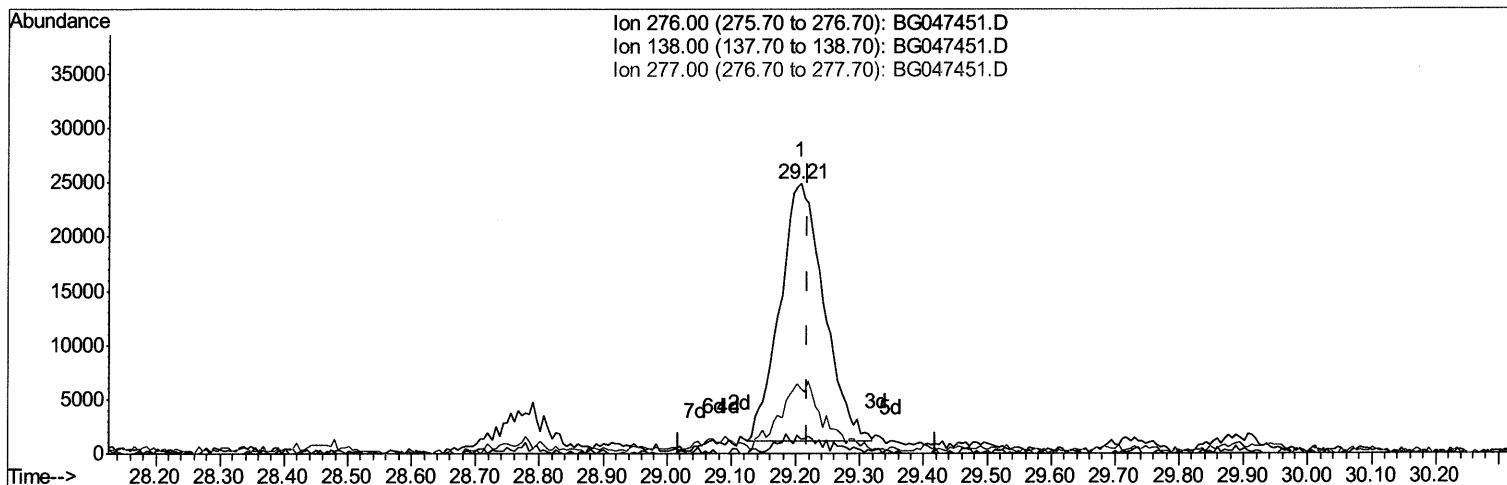
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Data File : BG047451.D
Acq On : 24 Nov 2020 18:08
Operator : CG/JU
Sample : L4751-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B85

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:25 PM

Quant Time: Nov 25 01:31:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047451.D

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

29.207min (-0.011) 6.05ng/ul m 11/25/2020

response 114366

Ion	Exp%	Act%
276.00	100	100
138.00	6.30	5.37
277.00	20.60	24.17
0.00	0.00	0.00

Quantitation Report (Qedit)

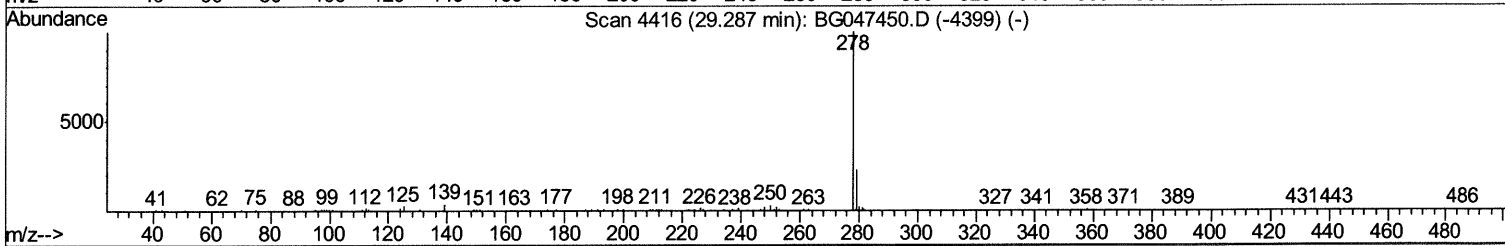
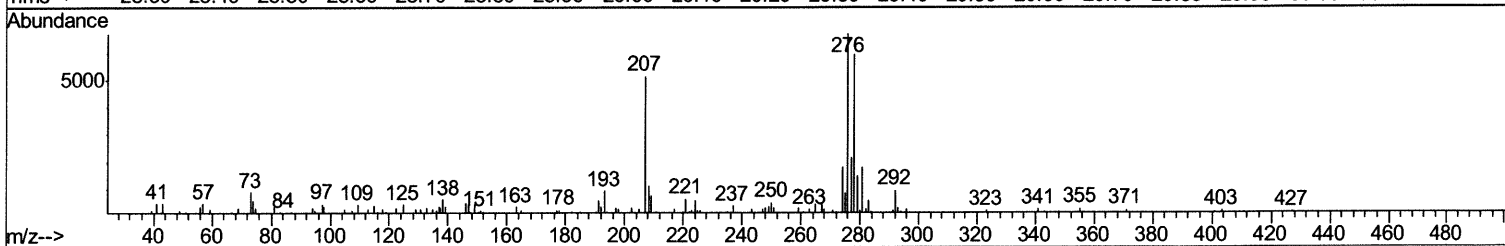
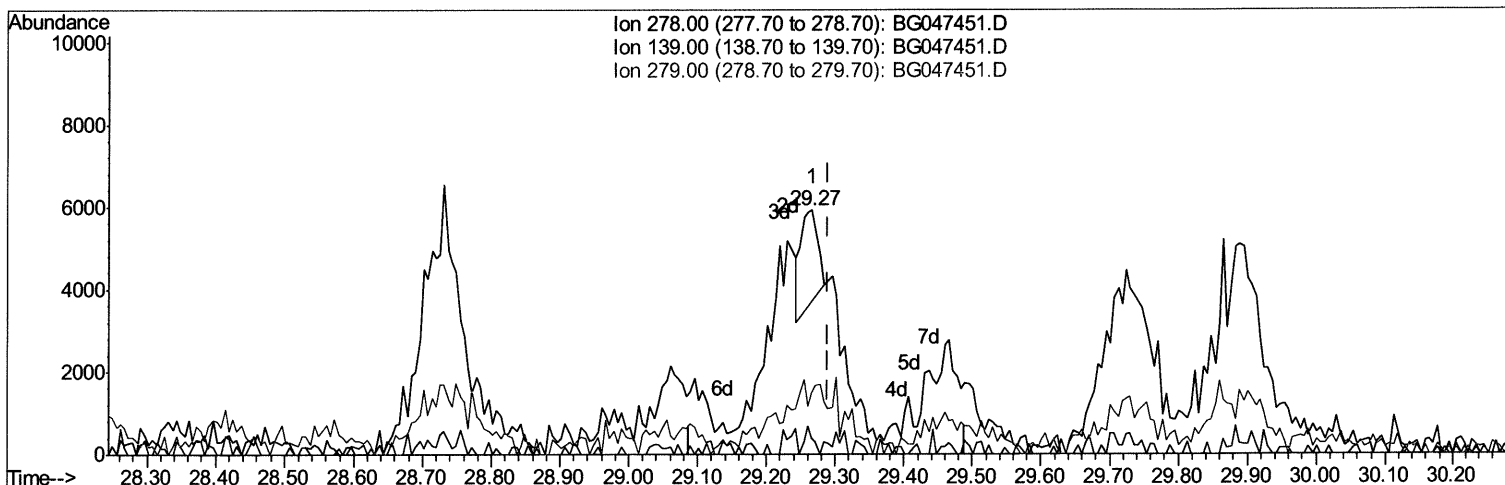
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047451.D
Acq On : 24 Nov 2020 18:08
Operator : CG/JU
Sample : L4751-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B85

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:25 PM

Quant Time: Nov 25 01:31:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047451.D

(93) Dibenzo(a,h)anthracene

29.266min (-0.023) 0.26ng/ul

response 4007

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	6.66
279.00	22.70	24.96
0.00	0.00	0.00

Quantitation Report (Qedit)

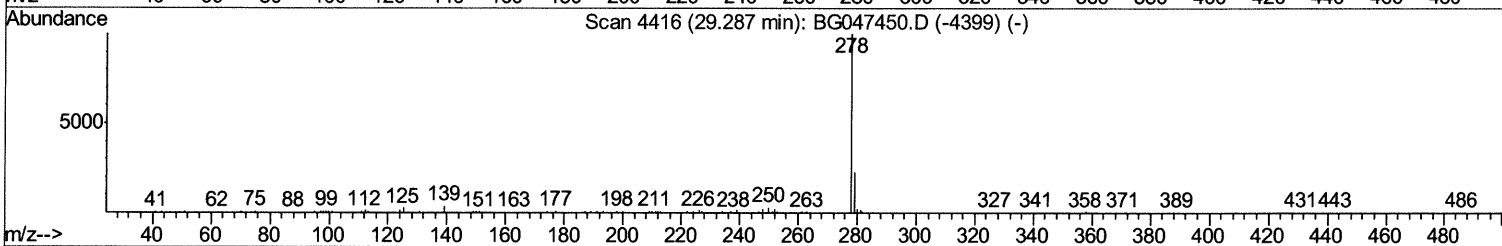
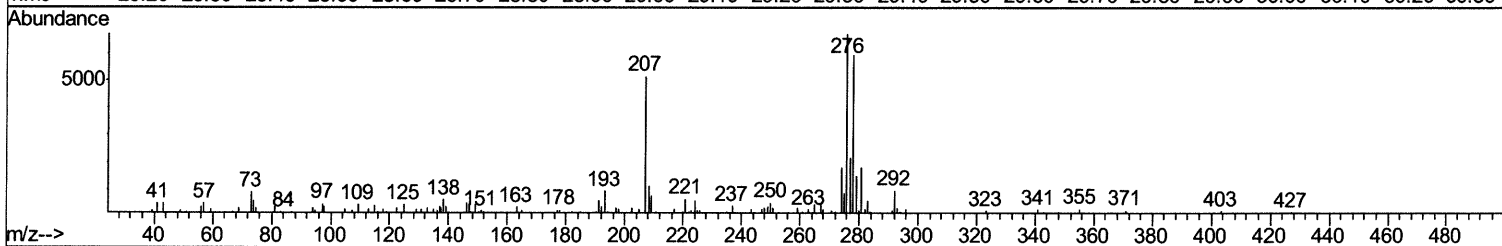
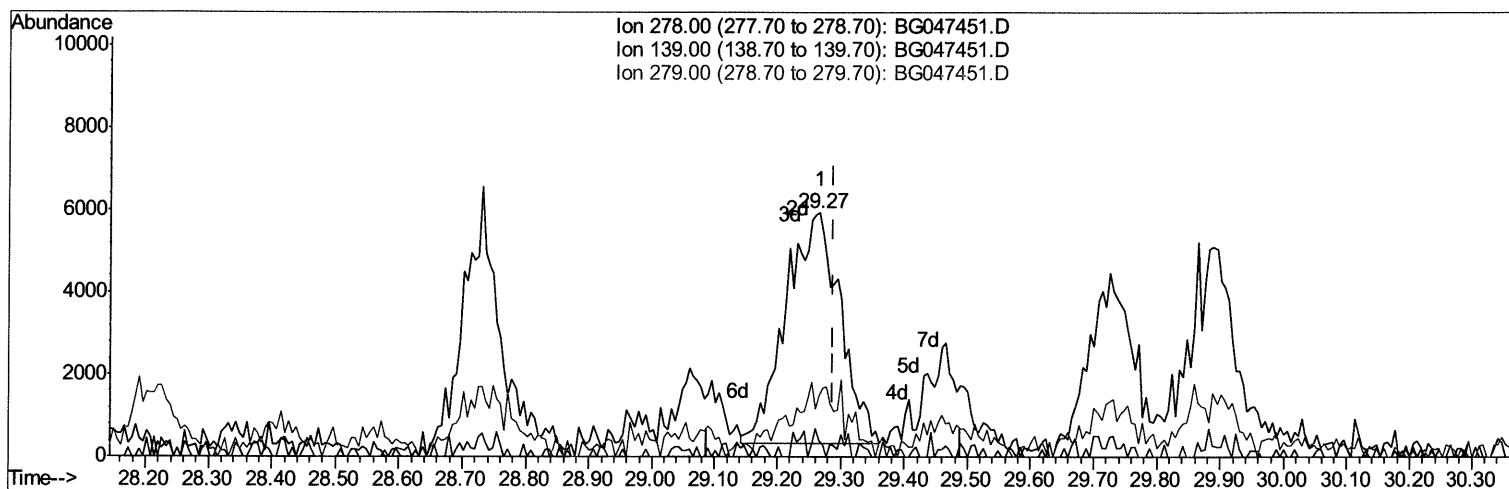
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Data File : BG047451.D
Acq On : 24 Nov 2020 18:08
Operator : CG/JU
Sample : L4751-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0B85

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:25 PM

Quant Time: Nov 25 01:31:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047451.D

(93) Dibenzo(a,h)anthracene

29.266min (-0.023) 2.17ng/ul m 11/25/2020 JU

response 33597

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	6.66
279.00	22.70	24.96
0.00	0.00	0.00

Quantitation Report (Qedit)

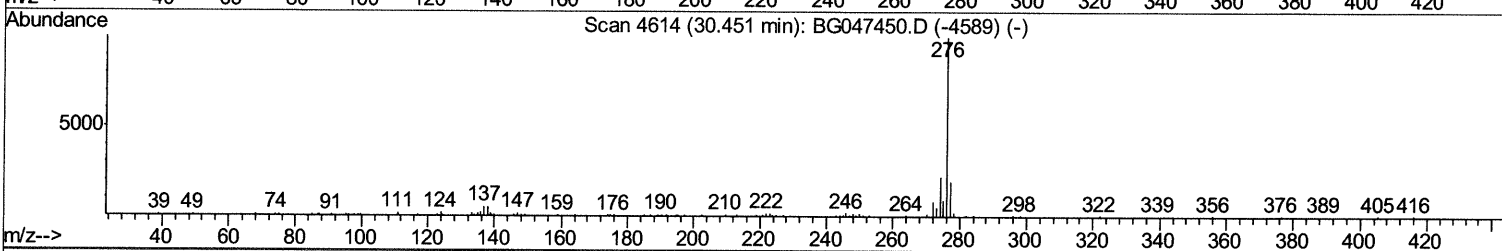
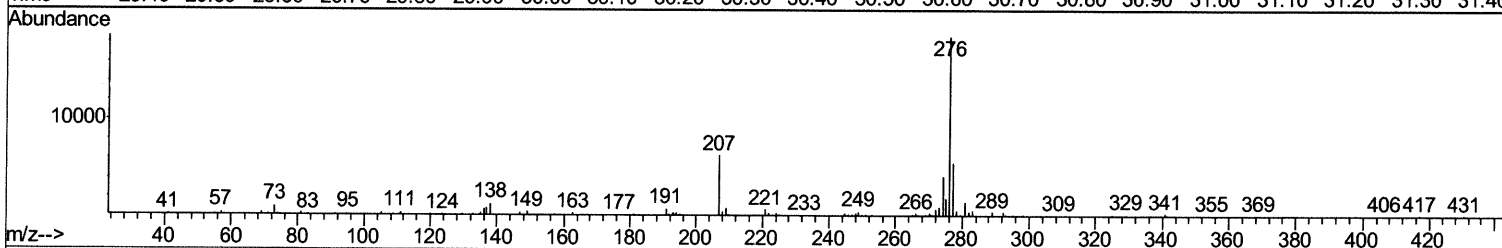
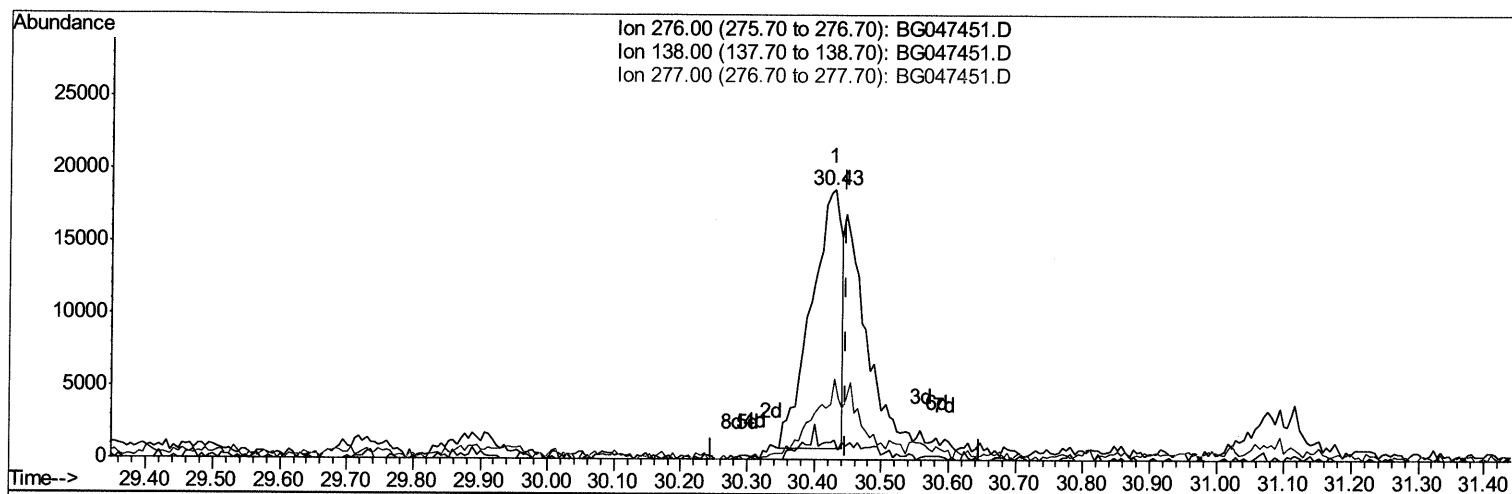
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047451.D
Acq On : 24 Nov 2020 18:08
Operator : CG/JU
Sample : L4751-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B85

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:25 PM

Quant Time: Nov 25 01:31:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047451.D

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

30.429min (-0.017) 3.65ng/ul

response 56815

Ion	Exp%	Act%
276.00	100	100
138.00	7.20	7.14
277.00	21.80	29.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

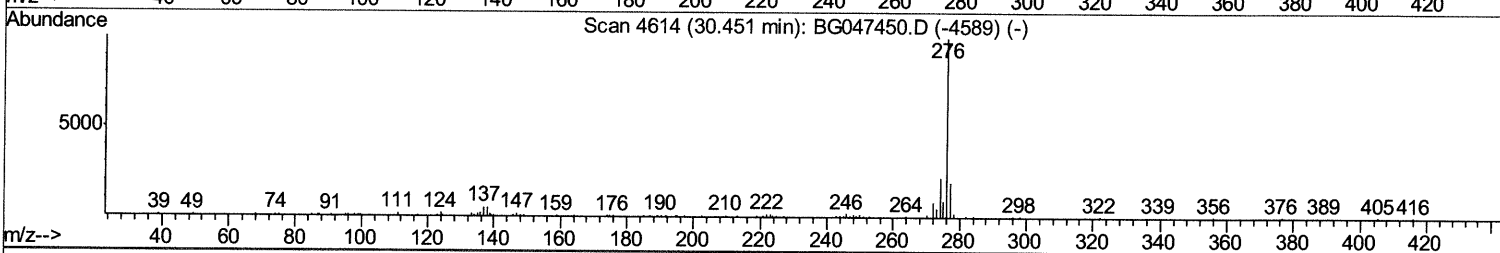
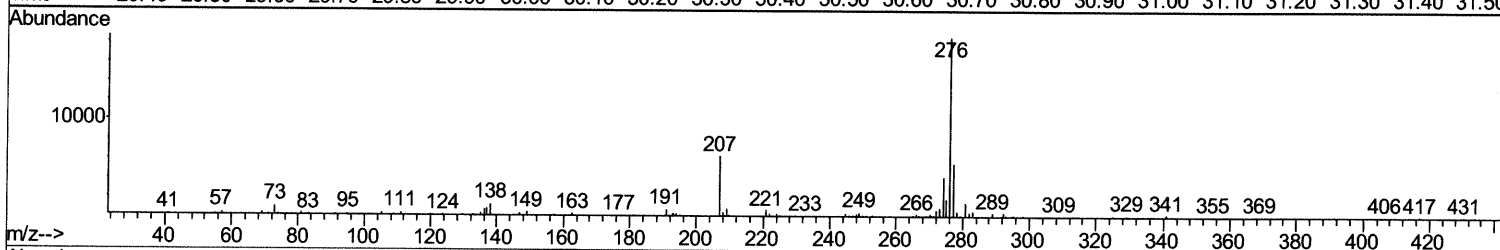
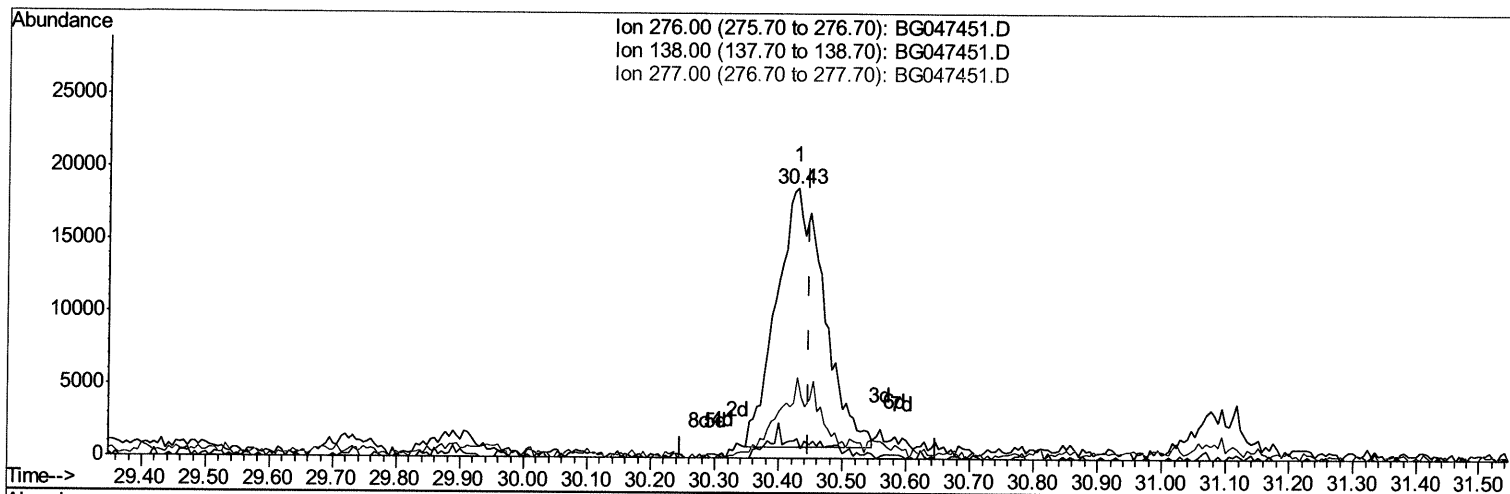
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047451.D
Acq On : 24 Nov 2020 18:08
Operator : CG/JU
Sample : L4751-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B85

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:25 PM

Quant Time: Nov 25 01:31:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration



TIC: BG047451.D

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

30.429min (-0.017) 5.99ng/ul m 11/25/2020

response 93345

Ion	Exp%	Act%
276.00	100	100
138.00	7.20	7.14
277.00	21.80	29.96#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047451.D
 Acq On : 24 Nov 2020 18:08
 Operator : CG/JU
 Sample : L4751-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:48:25 PM

Quant Time: Nov 25 01:35:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	40160	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	156955	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	110625	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	256484	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	231817	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	246714	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	927	0.84	ng/uL	0.00
5) Phenol-d5	7.40	99	37872	9.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	21435	9.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	28490	10.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	27520	8.89	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	14843	11.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	16139	11.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	36166	11.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	31540	9.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	111237	11.71	ng/ul	-0.01
47) Acenaphthylene-d8	14.58	160	132620	12.08	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	11184	7.72	ng/ul	-0.01
58) Fluorene-d10	15.87	176	101427	11.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	6695	4.59	ng/ul	-0.01
71) Anthracene-d10	17.71	188	157846	12.41	ng/ul	0.00
79) Pyrene-d10	19.98	212	174665	12.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	175638	12.37	ng/ul	-0.01

Target Compounds

					Ovalue	
6) Phenol	7.43	94	5666	1.468	ng/ul#	80
45) Dimethylphthalate	14.32	163	17697	1.827	ng/ul	98
70) Phenanthrene	17.66	178	69013	4.983	ng/ul	98
77) Fluoranthene	19.65	202	316777	18.110	ng/ul	99
80) Pyrene	20.01	202	252545	15.380	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	171568	10.402	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.77	149	28073	3.492	ng/ul	92
85) Chrysene	21.95	228	194205	12.373	ng/ul	98
88) Benzo(b)fluoranthene	24.21	252	284226	16.317	ng/ul#	95
89) Benzo(k)fluoranthene	24.28	252	105635m	6.154	ng/ul	11/25/2020
91) Benzo(a)pyrene	25.14	252	167483m	10.786	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.21	276	114366m	6.055	ng/ul	
93) Dibenzo(a,h)anthracene	29.27	278	33597m	2.169	ng/ul	
94) Benzo(g,h,i)perylene	30.43	276	93345m	5.989	ng/ul	

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