

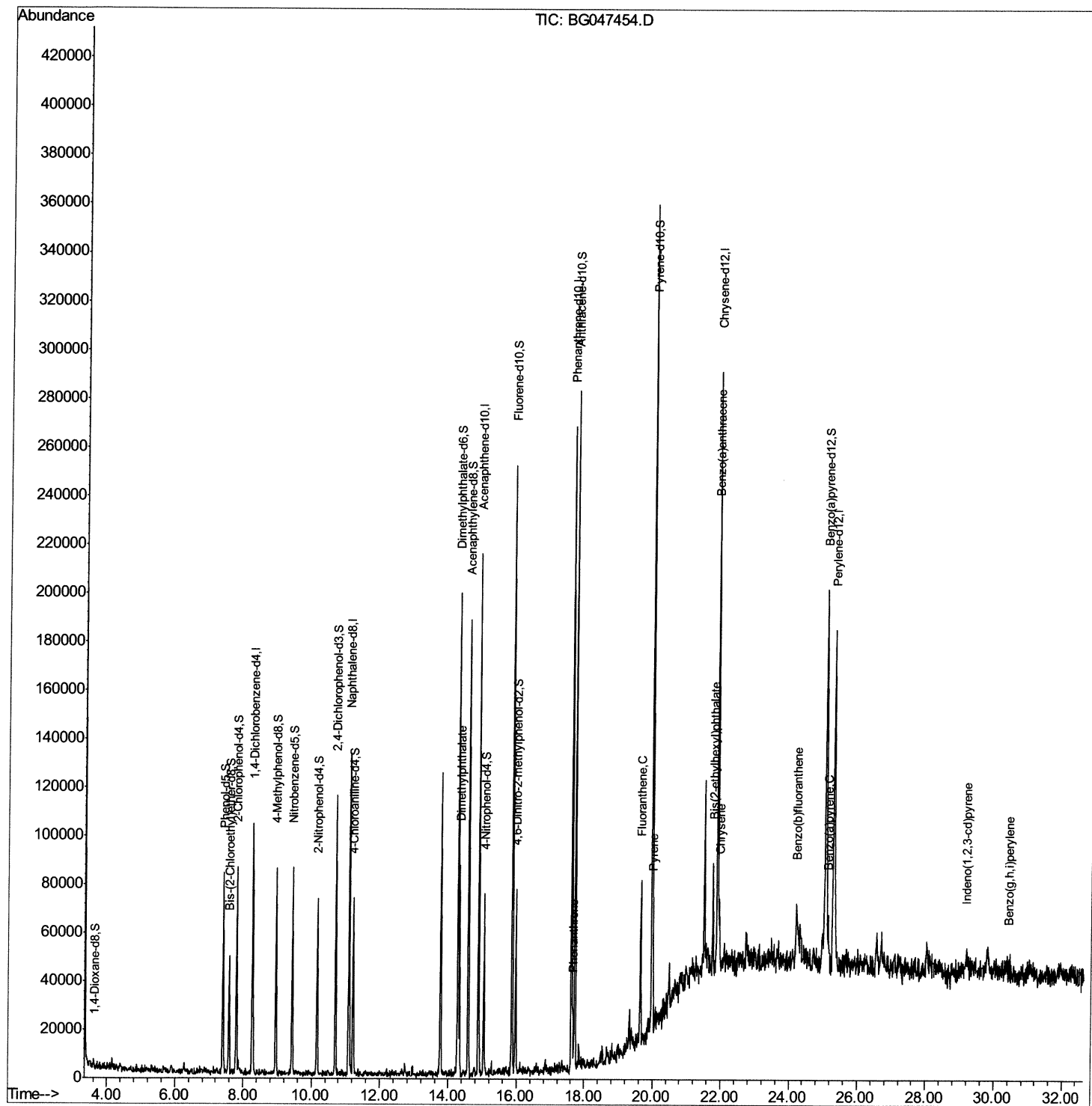
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047454.D
Acq On : 24 Nov 2020 20:09
Operator : CG/JU
Sample : L4751-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW3

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:31 PM

Quant Time: Nov 25 02:06:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 01:15:04 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

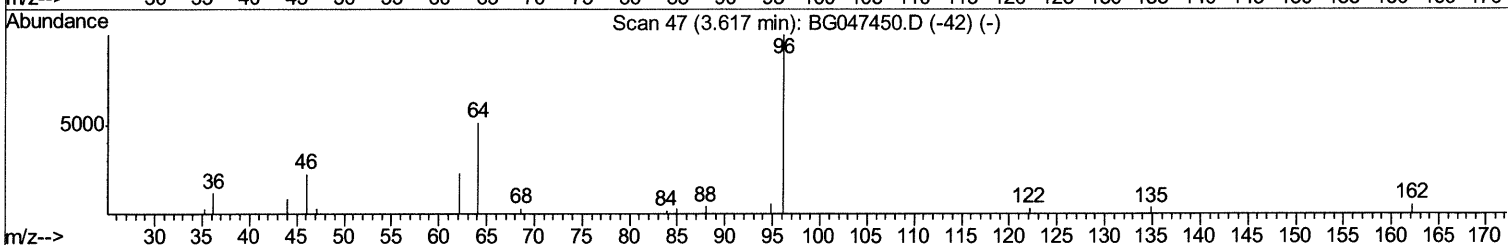
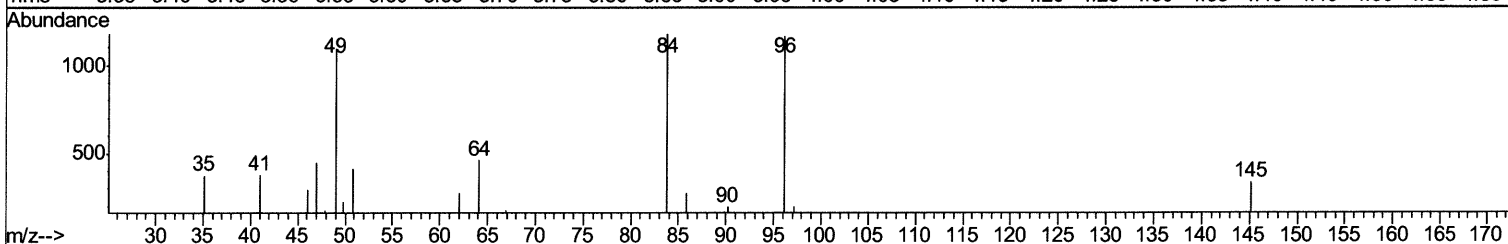
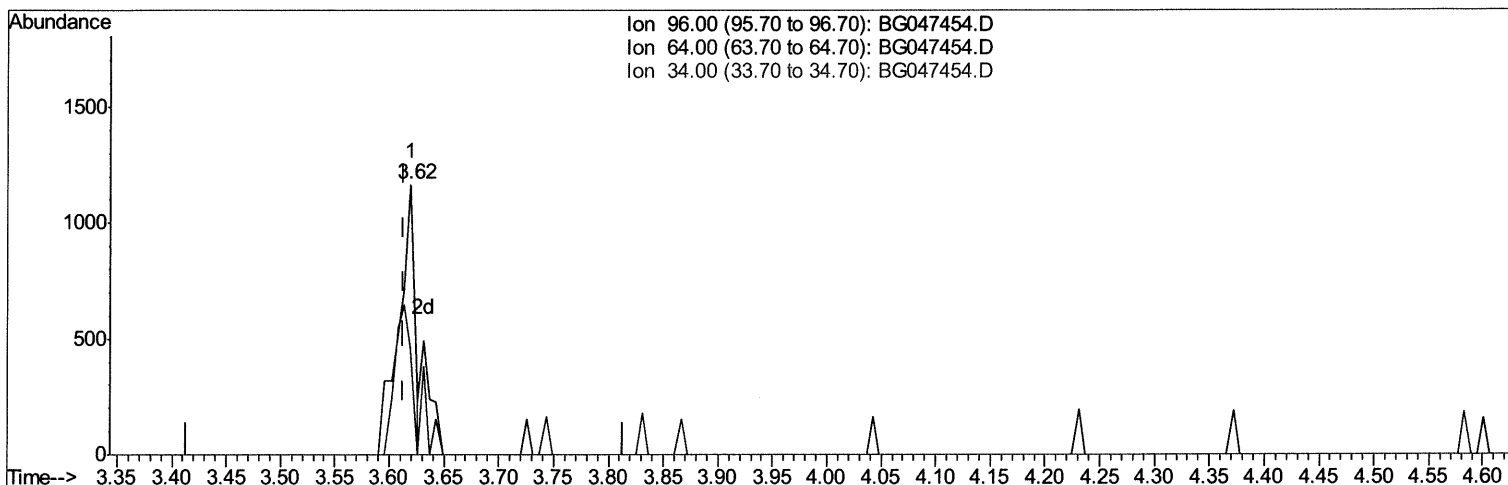
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047454.D
 Acq On : 24 Nov 2020 20:09
 Operator : CG/JU
 Sample : L4751-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:48:31 PM

Quant Time: Nov 25 01:23:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 25 01:15:04 2020
 Response via : Initial Calibration



TIC: BG047454.D

(3) 1,4-Dioxane-d8 (S)

3.619min (+0.006) 1.66ng/uL

response 1155

Ion	Exp%	Act%
96.00	100	100
64.00	88.60	39.54#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

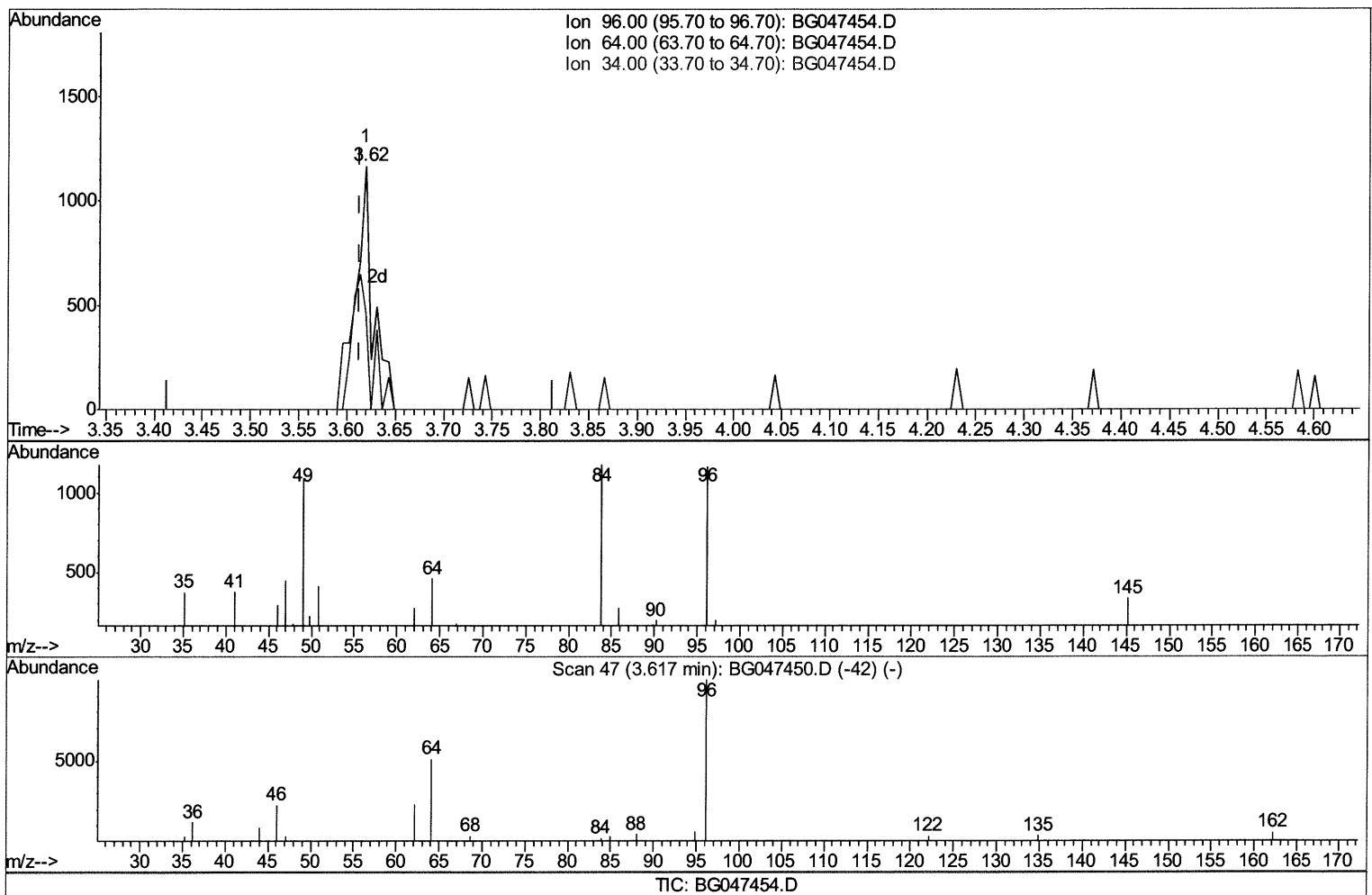
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047454.D
Acq On : 24 Nov 2020 20:09
Operator : CG/JU
Sample : L4751-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW3

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:31 PM

Quant Time: Nov 25 01:23:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 01:15:04 2020
Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.619min (+0.006) 2.15ng/uL m 11/25/2020

response 1494

Ion	Exp%	Act%
96.00	100	100
64.00	88.60	39.54#
34.00	0.00	0.00
0.00	0.00	0.00

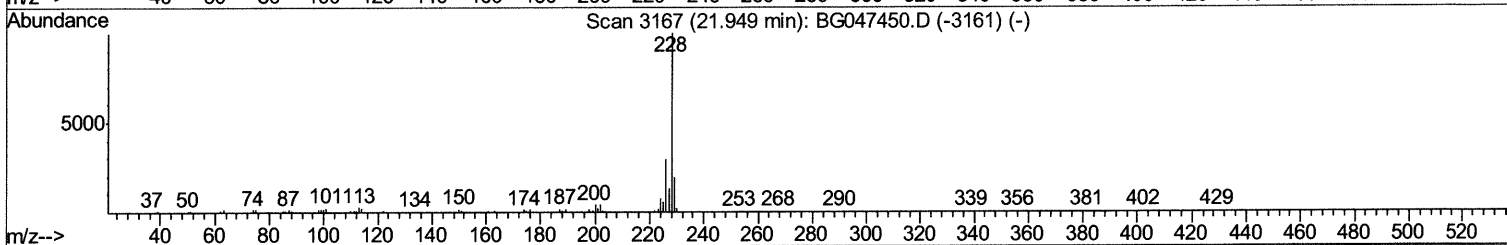
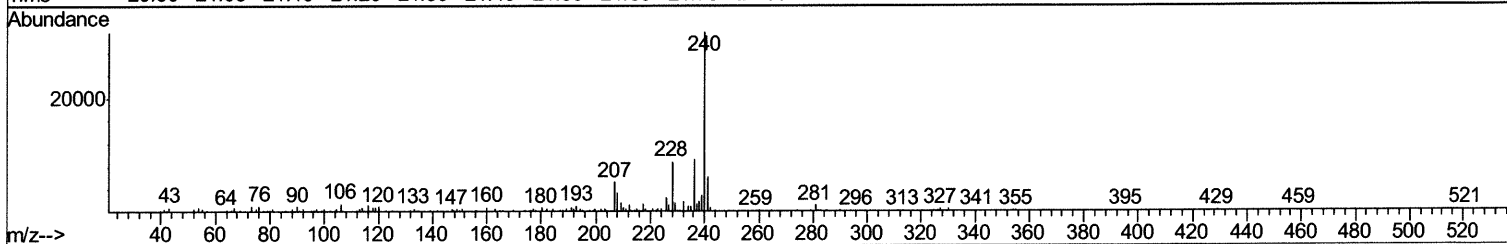
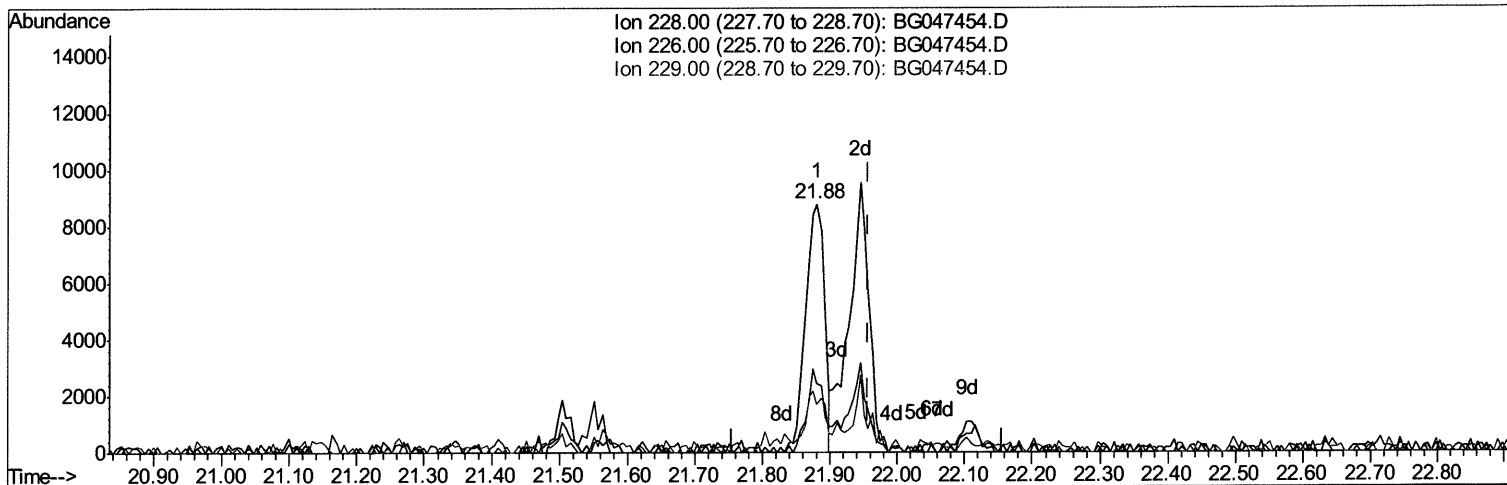
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047454.D
Acq On : 24 Nov 2020 20:09
Operator : CG/JU
Sample : L4751-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW3

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:31 PM

Quant Time: Nov 25 02:02:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 01:15:04 2020
Response via : Initial Calibration



TIC: BG047454.D

(85) Chrysene

21.880min (-0.076) 1.56ng/ul

response 16967

Ion	Exp%	Act%
228.00	100	100
226.00	27.90	27.81
229.00	20.60	19.15
0.00	0.00	0.00

Quantitation Report (Qedit)

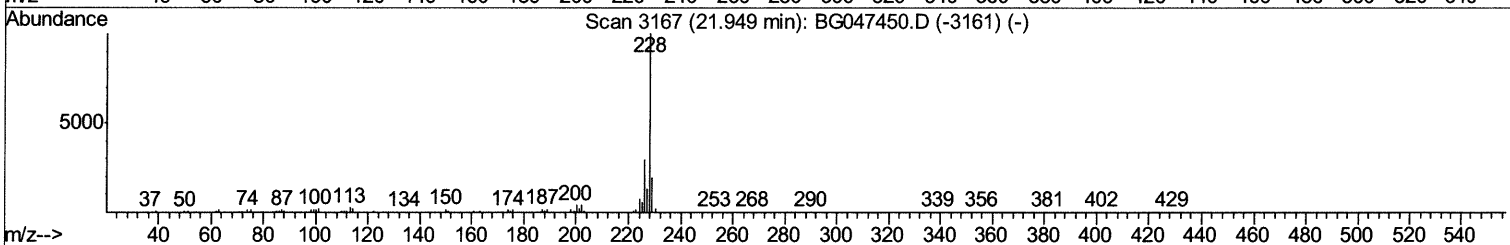
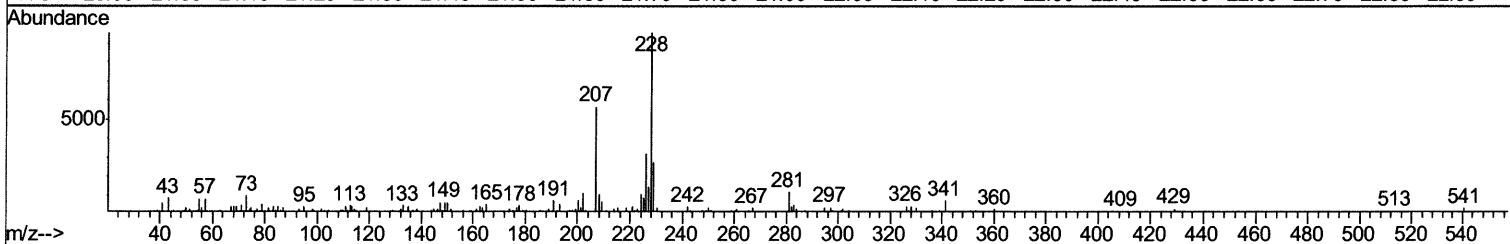
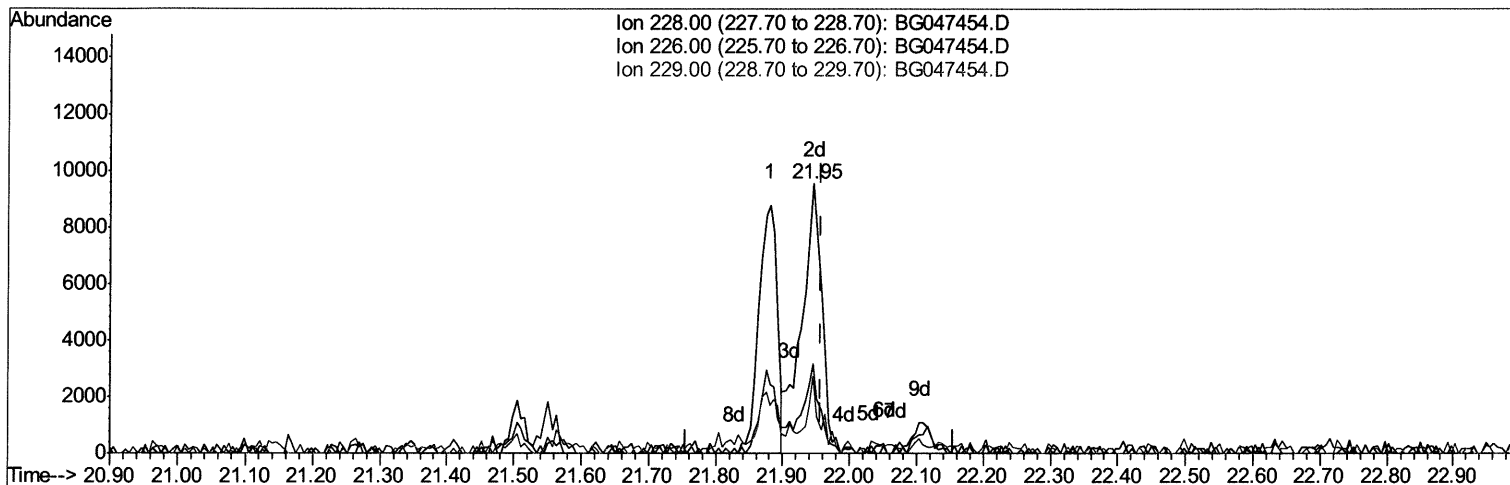
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047454.D
 Acq On : 24 Nov 2020 20:09
 Operator : CG/JU
 Sample : L4751-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:48:31 PM

Quant Time: Nov 25 02:02:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 25 01:15:04 2020
 Response via : Initial Calibration



TIC: BG047454.D

(85) Chrysene

21.945min (-0.011) 1.85ng/ul m 11/25/2020

response 20107

Ion	Exp%	Act%
228.00	100	100
226.00	27.90	33.28
229.00	20.60	28.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

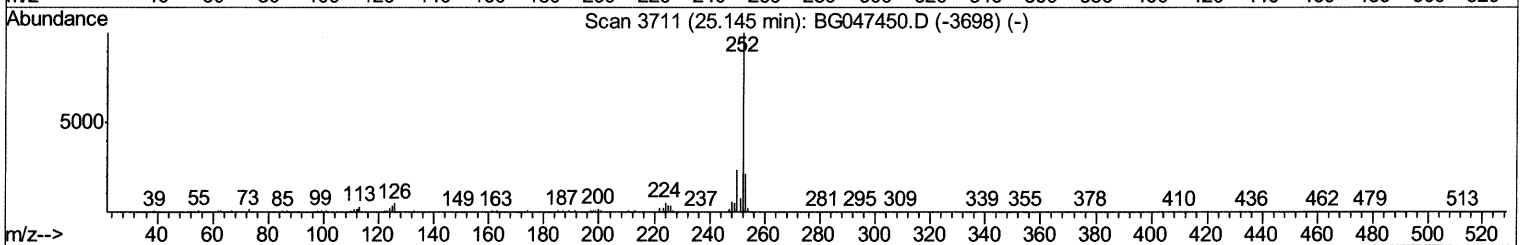
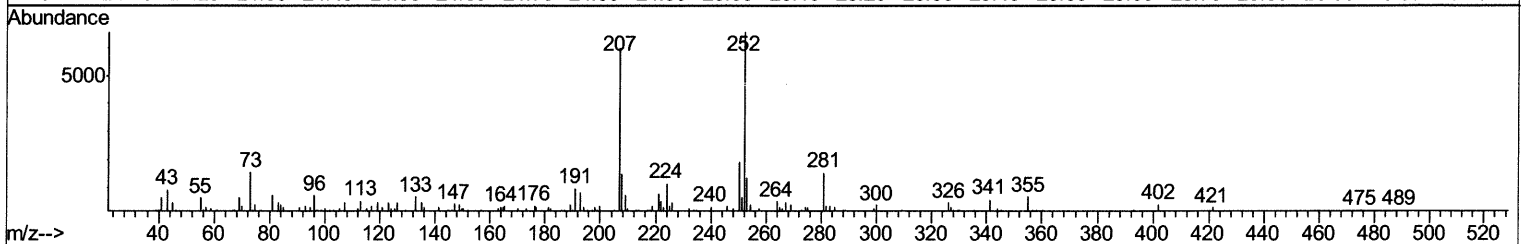
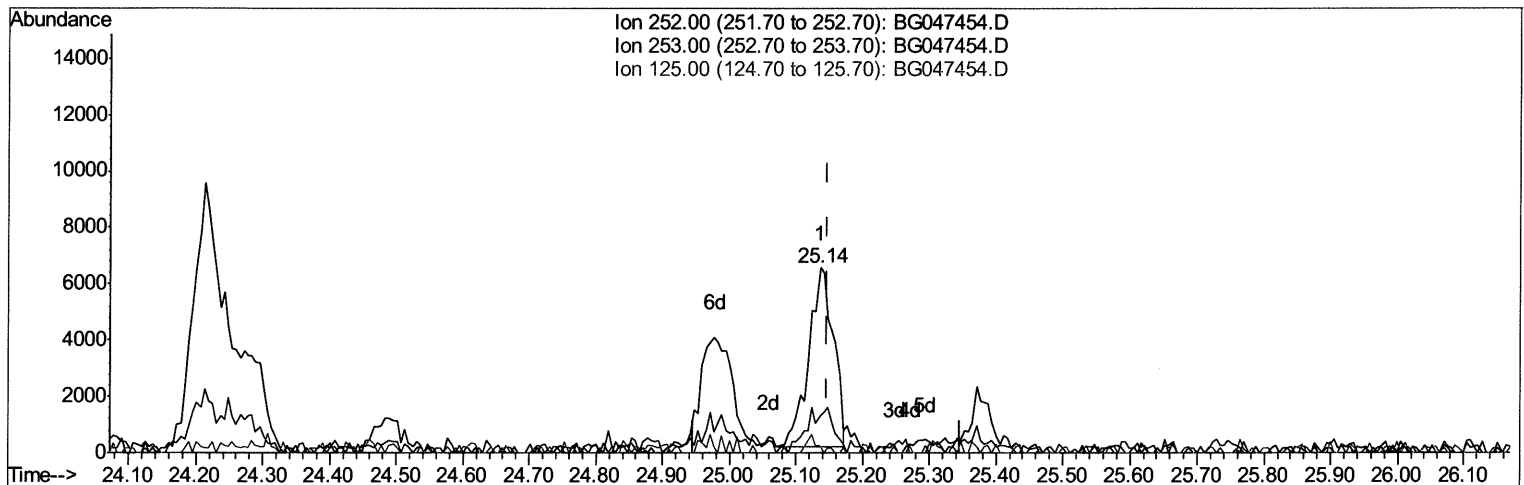
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047454.D
Acq On : 24 Nov 2020 20:09
Operator : CG/JU
Sample : L4751-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW3

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:31 PM

Quant Time: Nov 25 02:02:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 01:15:04 2020
Response via : Initial Calibration



TIC: BG047454.D

(91) Benzo(a)pyrene (C)

25.135min (-0.011) 1.57ng/ul

response 16344

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	20.10
125.00	3.90	3.82
0.00	0.00	0.00

Quantitation Report (Qedit)

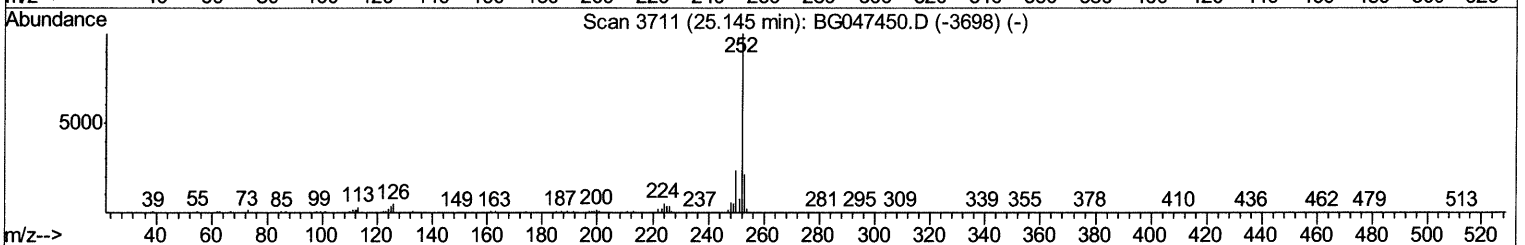
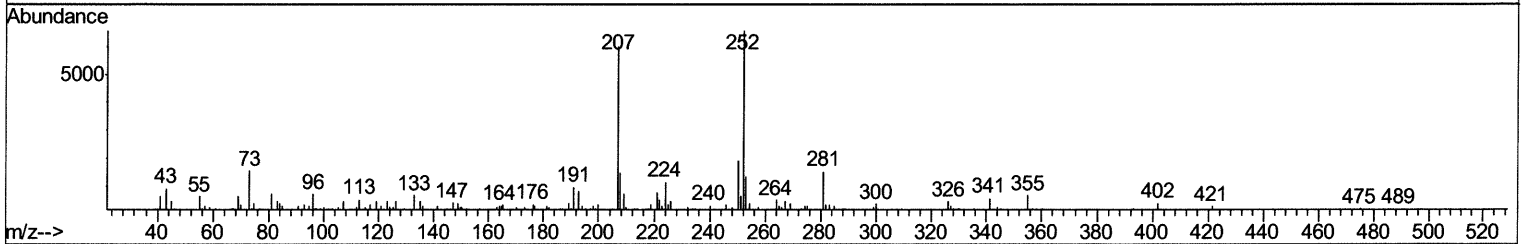
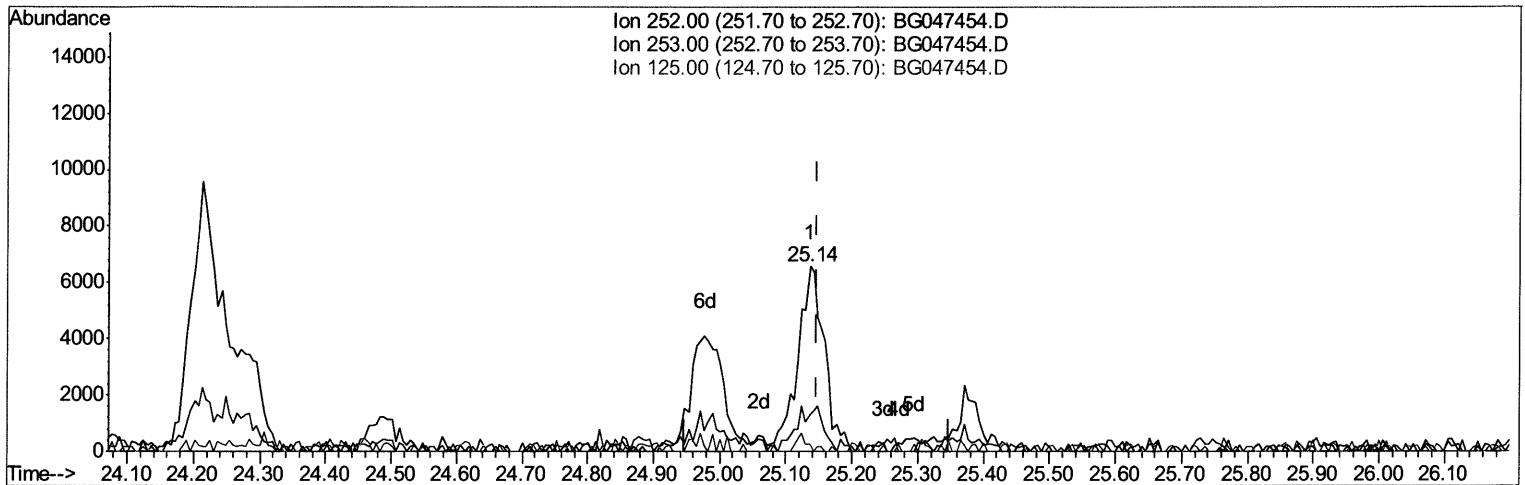
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 Data File : BG047454.D
 Acq On : 24 Nov 2020 20:09
 Operator : CG/JU
 Sample : L4751-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:48:31 PM

Quant Time: Nov 25 02:02:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 25 01:15:04 2020
 Response via : Initial Calibration



TIC: BG047454.D

(91) Benzo(a)pyrene (C)

25.135min (-0.011) 1.78ng/ul m 11/25/2020 JU

response 18522

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	20.10
125.00	3.90	3.82
0.00	0.00	0.00

Quantitation Report (Qedit)

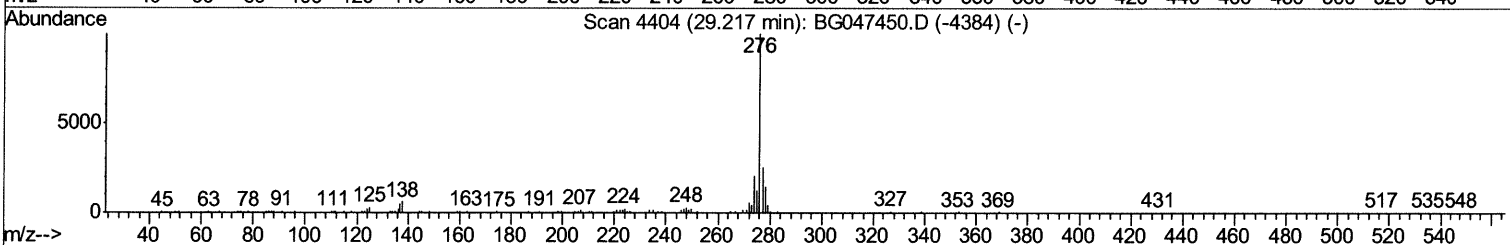
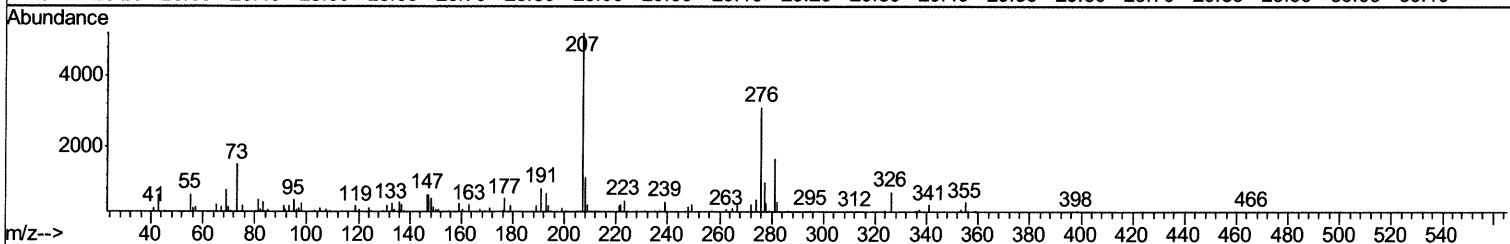
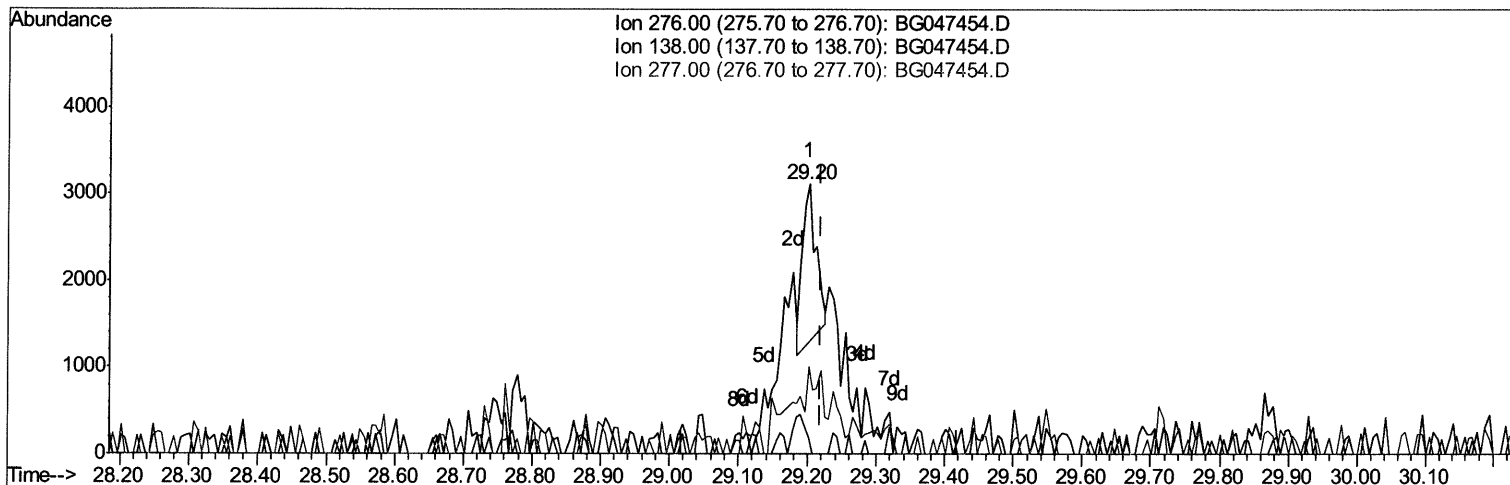
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047454.D
 Acq On : 24 Nov 2020 20:09
 Operator : CG/JU
 Sample : L4751-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:48:31 PM

Quant Time: Nov 25 02:02:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 25 01:15:04 2020
 Response via : Initial Calibration



TIC: BG047454.D

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

29.201min (-0.017) 0.20ng/ul

response 2543

Ion	Exp%	Act%
276.00	100	100
138.00	6.30	6.10
277.00	20.60	32.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

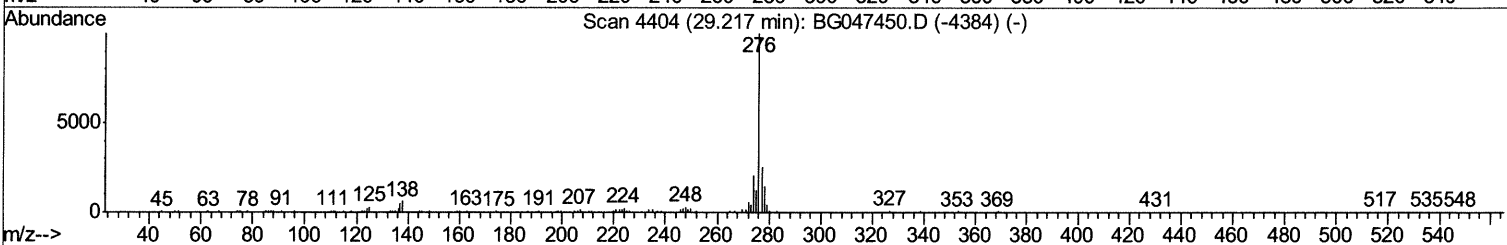
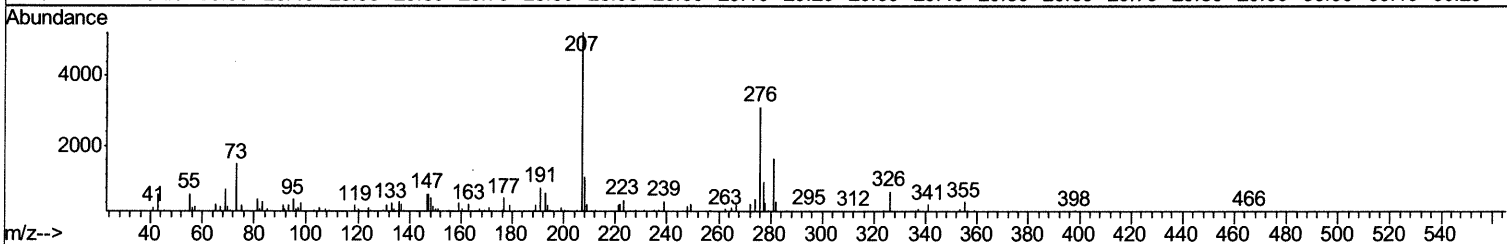
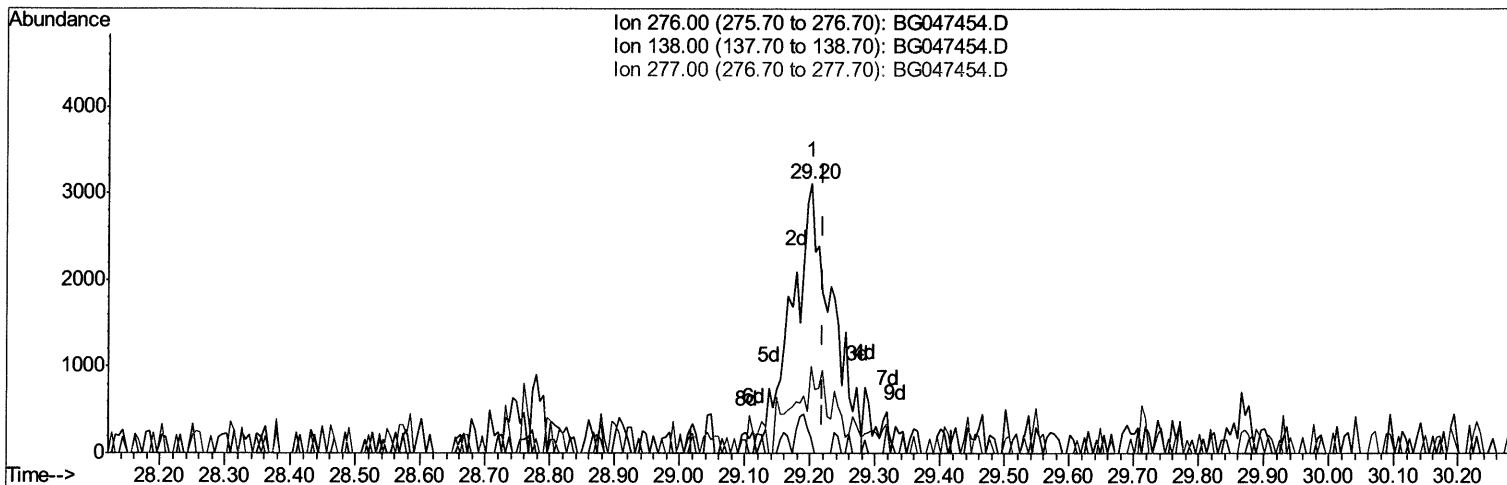
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047454.D
 Acq On : 24 Nov 2020 20:09
 Operator : CG/JU
 Sample : L4751-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:48:31 PM

Quant Time: Nov 25 02:02:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 25 01:15:04 2020
 Response via : Initial Calibration



TIC: BG047454.D

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

29.201min (-0.017) 1.04ng/ul m U125120J4

response 13236

Ion	Exp%	Act%
276.00	100	100
138.00	6.30	6.10
277.00	20.60	32.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

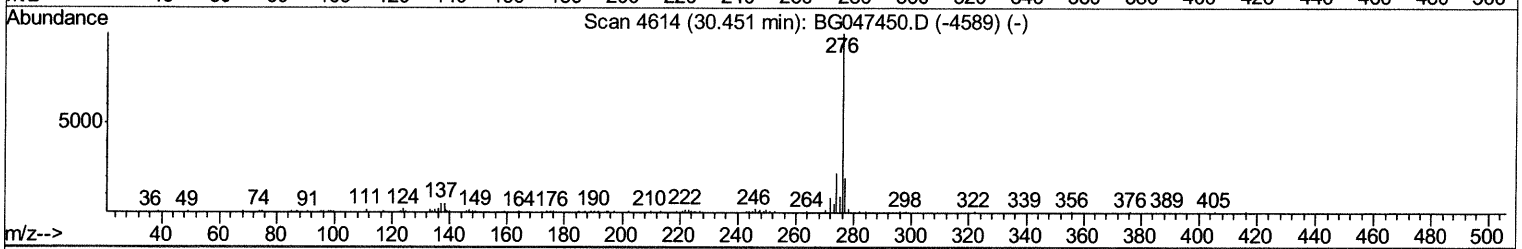
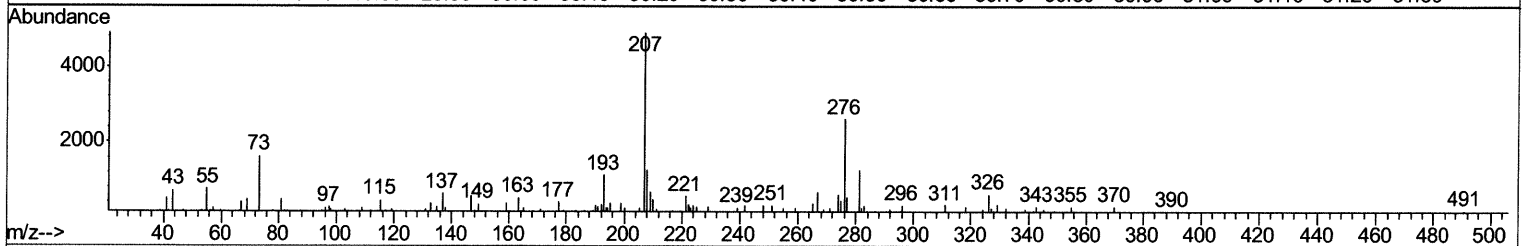
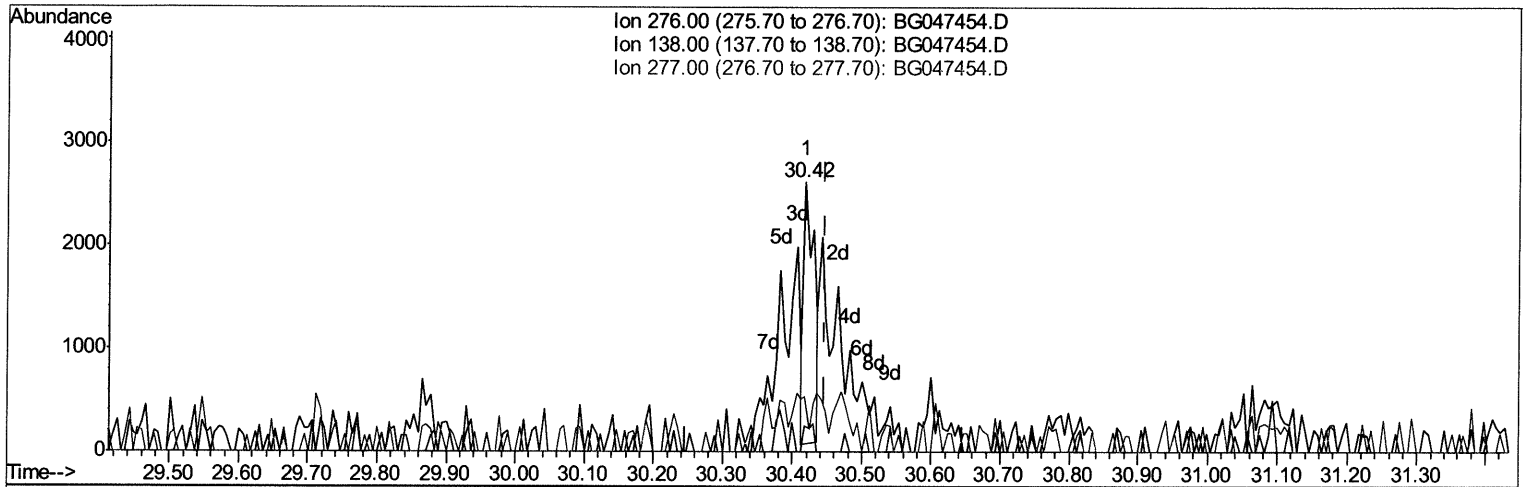
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047454.D
Acq On : 24 Nov 2020 20:09
Operator : CG/JU
Sample : L4751-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW3

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:31 PM

Quant Time: Nov 25 02:02:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 01:15:04 2020
Response via : Initial Calibration



TIC: BG047454.D

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

30.418min (-0.029) 0.26ng/ul

response 2707

Ion	Exp%	Act%
276.00	100	100
138.00	7.20	9.45#
277.00	21.80	20.50
0.00	0.00	0.00

Quantitation Report (Qedit)

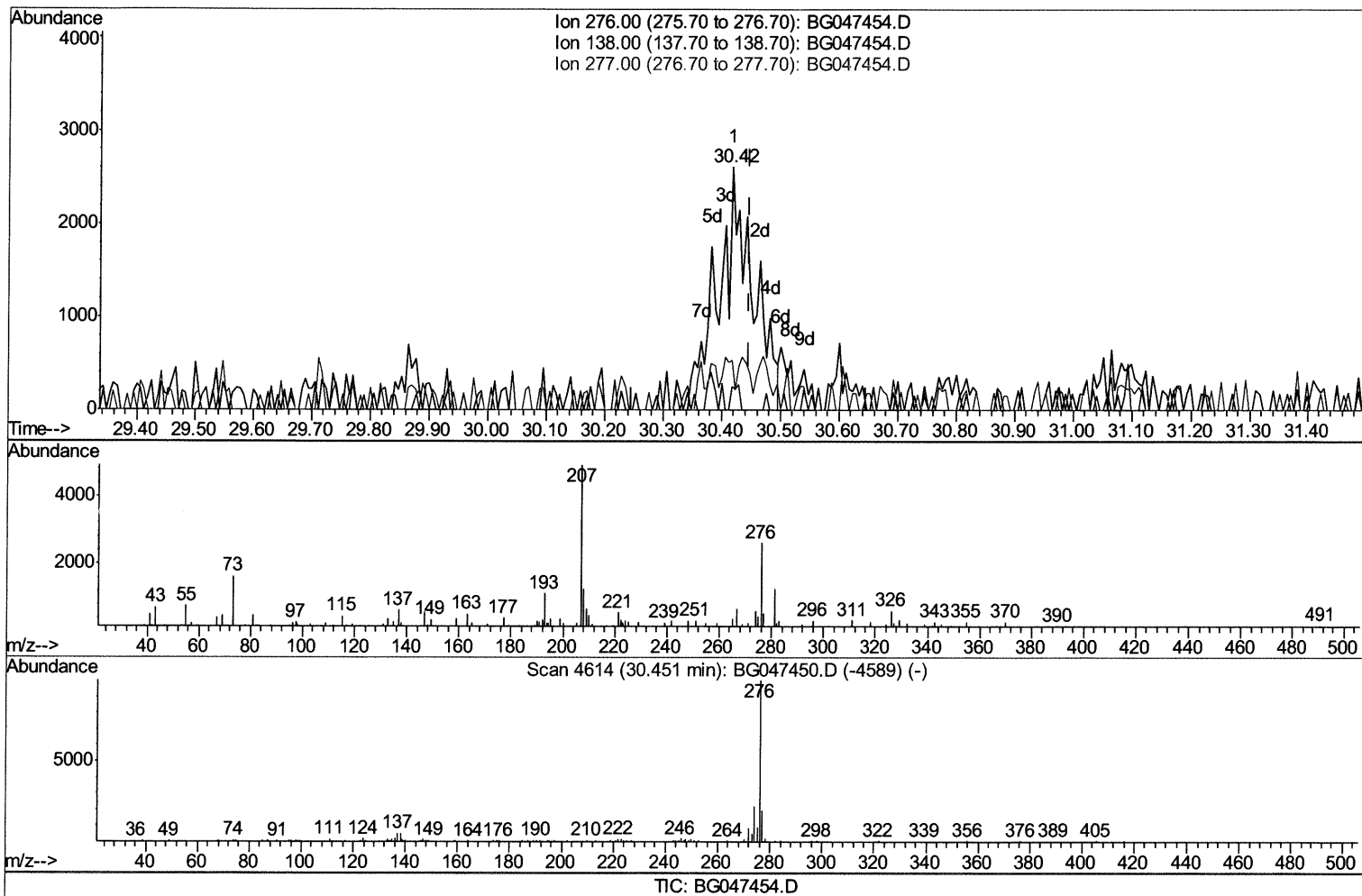
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047454.D
Acq On : 24 Nov 2020 20:09
Operator : CG/JU
Sample : L4751-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AW3

Manual Integrations
APPROVED

mohammad
11/25/2020 12:48:31 PM

Quant Time: Nov 25 02:02:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 01:15:04 2020
Response via : Initial Calibration



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

30.418min (-0.029) 1.01ng/ul m 11/25/2024

response 10606

Ion	Exp%	Act%
276.00	100	100
138.00	7.20	9.45#
277.00	21.80	20.50
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047454.D
 Acq On : 24 Nov 2020 20:09
 Operator : CG/JU
 Sample : L4751-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AW3

Manual Integrations
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mohammad
 11/25/2020 12:48:31 PM

Quant Time: Nov 25 02:06:46 2020
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 25 01:15:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	25300	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	99475	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	75588	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.61	188	169015	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	160262	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	165605	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	1494m>	2.15	ng/uL>	0.00	11/23/20 JU
5) Phenol-d5	7.40	99	35788	14.11	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.58	67	21474	14.84	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.80	132	30677	18.03	ng/ul	0.00	
13) 4-Methylphenol-d8	8.96	113	25981	13.33	ng/ul	0.00	
19) Nitrobenzene-d5	9.44	128	15702	19.11	ng/ul	0.00	
22) 2-Nitrophenol-d4	10.17	143	15327	17.10	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.71	165	36969	18.01	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.22	131	29699	14.31	ng/ul	-0.01	
44) Dimethylphthalate-d6	14.28	166	114317	17.62	ng/ul	0.00	
47) Acenaphthylene-d8	14.58	160	138791	18.51	ng/ul	0.00	
52) 4-Nitrophenol-d4	15.04	143	13990	14.13	ng/ul	-0.01	
58) Fluorene-d10	15.87	176	106005	17.83	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.97	200	7175	7.46	ng/ul	0.00	
71) Anthracene-d10	17.71	188	165803	19.77	ng/ul	0.00	
79) Pyrene-d10	19.98	212	188189	20.18	ng/ul	0.00	
90) Benzo(a)pyrene-d12	25.06	264	194210	20.37	ng/ul	-0.01	

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.32	163	48549	7.335	ng/ul#	95
70) Phenanthrene	17.66	178	12203	1.337	ng/ul	97
77) Fluoranthene	19.65	202	33152	2.876	ng/ul#	94
80) Pyrene	20.01	202	27304	2.405	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	16967	1.488	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	16231	2.921	ng/ul	98
85) Chrysene	21.95	228	20107m>	1.853	ng/ul>	11/25/20 JU
88) Benzo(b)fluoranthene	24.21	252	29105	2.489	ng/ul	95
91) Benzo(a)pyrene	25.14	252	18522m	1.777	ng/ul	11/25/20 JU
92) Indeno(1,2,3-cd)pyrene	29.20	276	13236m	1.044	ng/ul	
94) Benzo(g,h,i)perylene	30.42	276	10606m	1.014	ng/ul	

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