

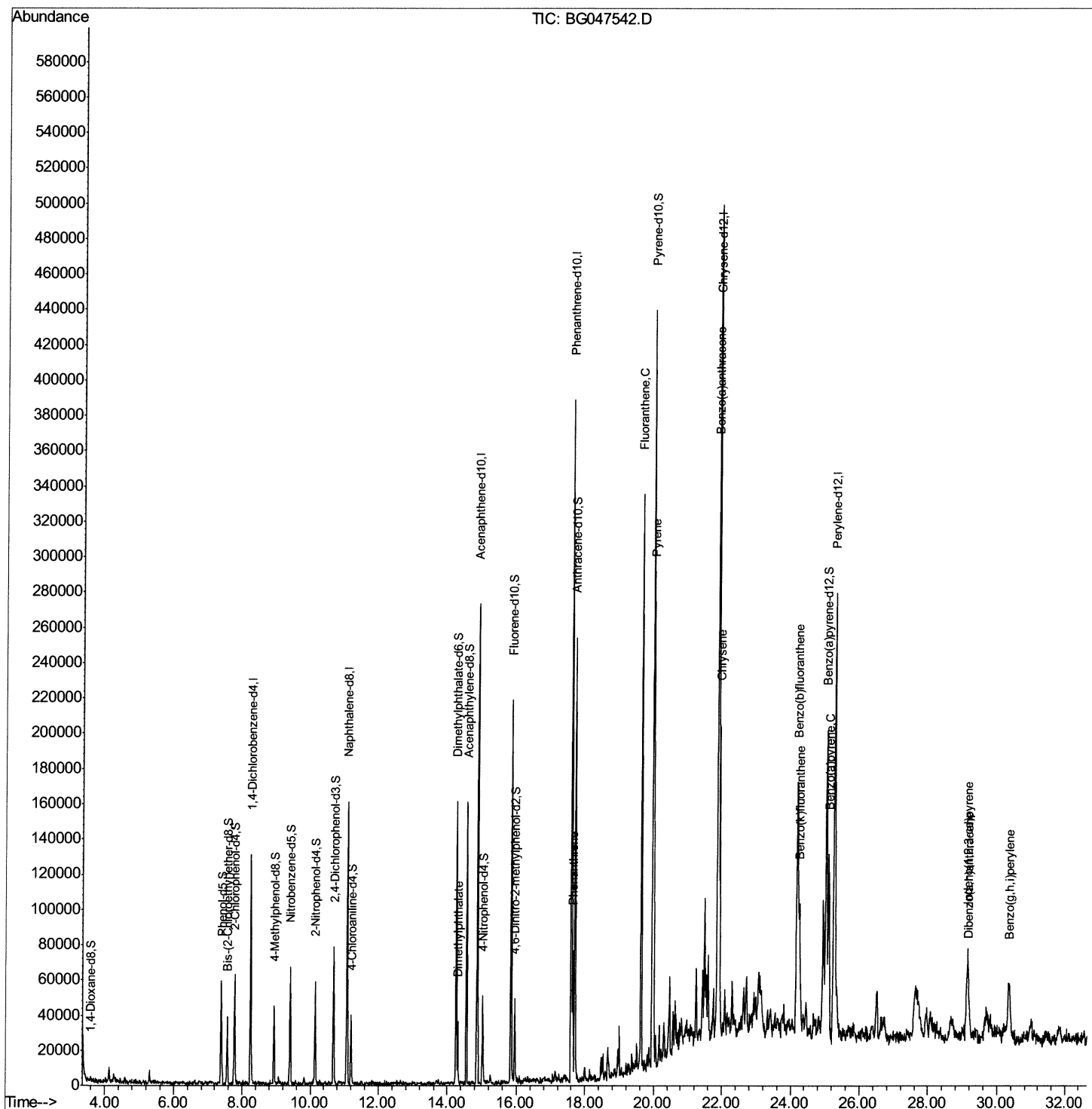
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047542.D
Acq On : 3 Dec 2020 17:24
Operator : CG/JU
Sample : L4865-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:06:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

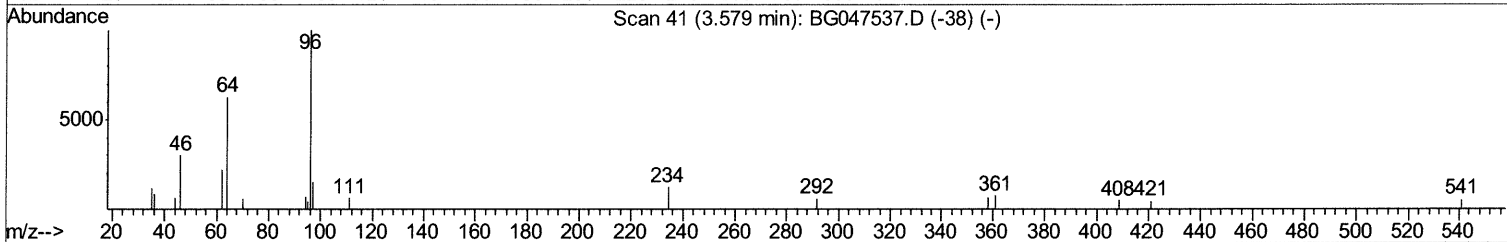
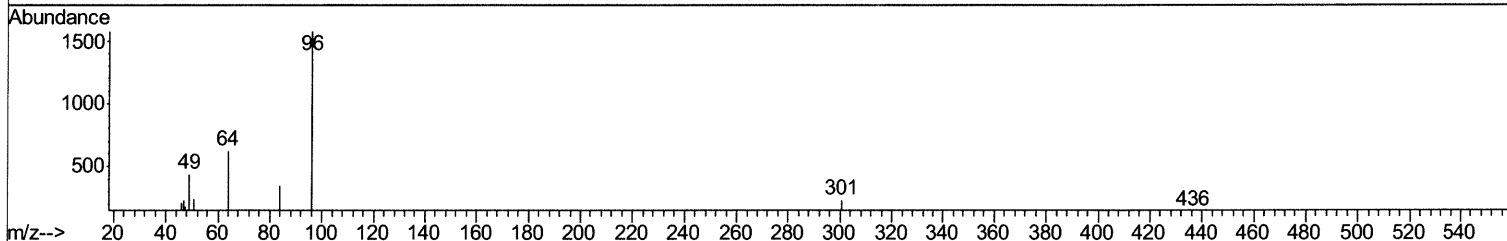
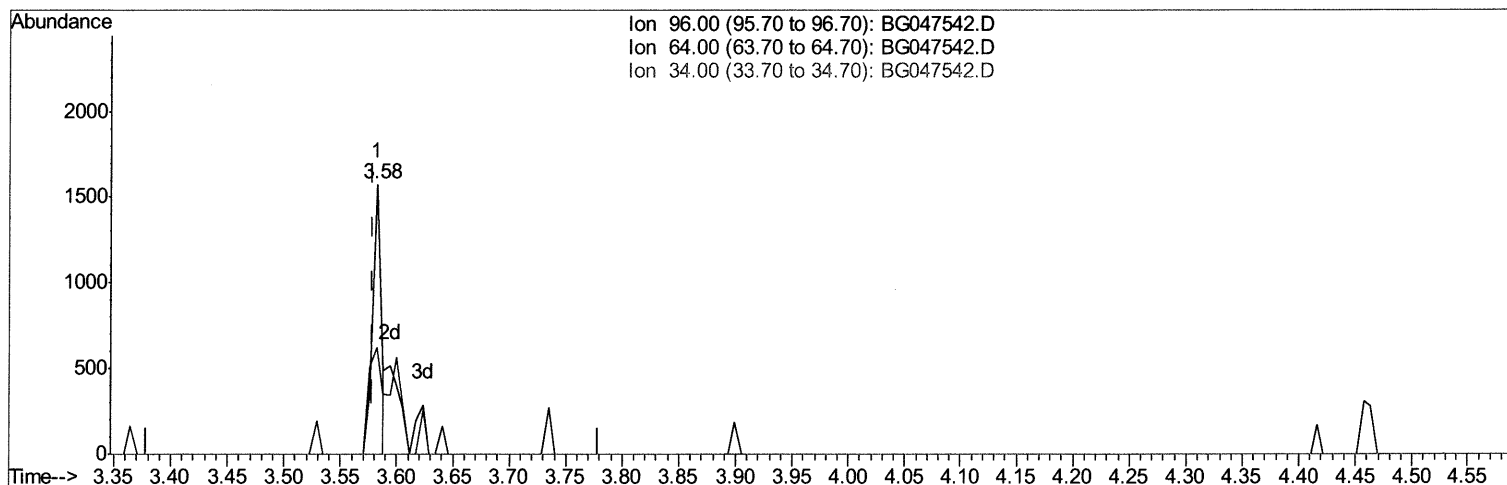
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047542.D
 Acq On : 3 Dec 2020 17:24
 Operator : CG/JU
 Sample : L4865-19
 Misc :
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Instrument :
 BNA_G
 ClientSampleId :
 C0AZ9

Manual Integrations
 APPROVED

mohammad
 12/4/2020 4:30:24 PM

Quant Time: Dec 03 23:38:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 03 15:14:44 2020
 Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)
 3.582min (+0.003) 0.95ng/uL
 response 852

Ion	Exp%	Act%
96.00	100	100
64.00	62.70	39.37#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

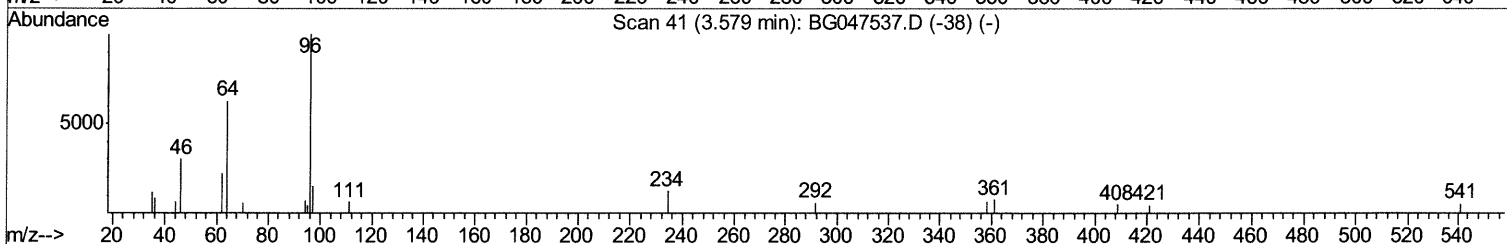
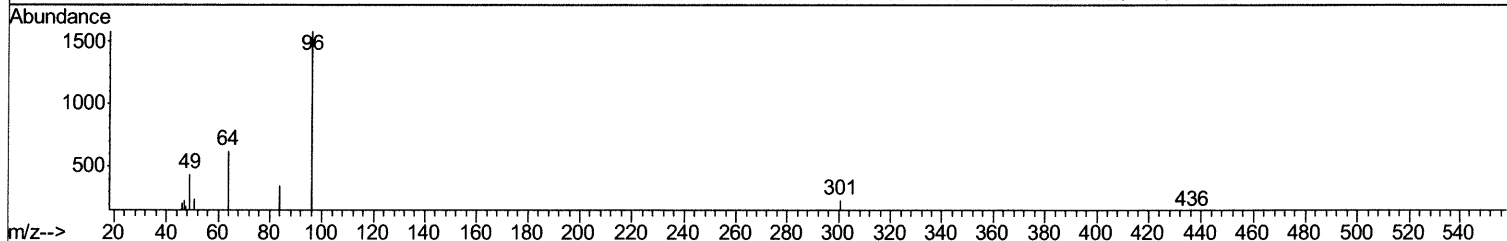
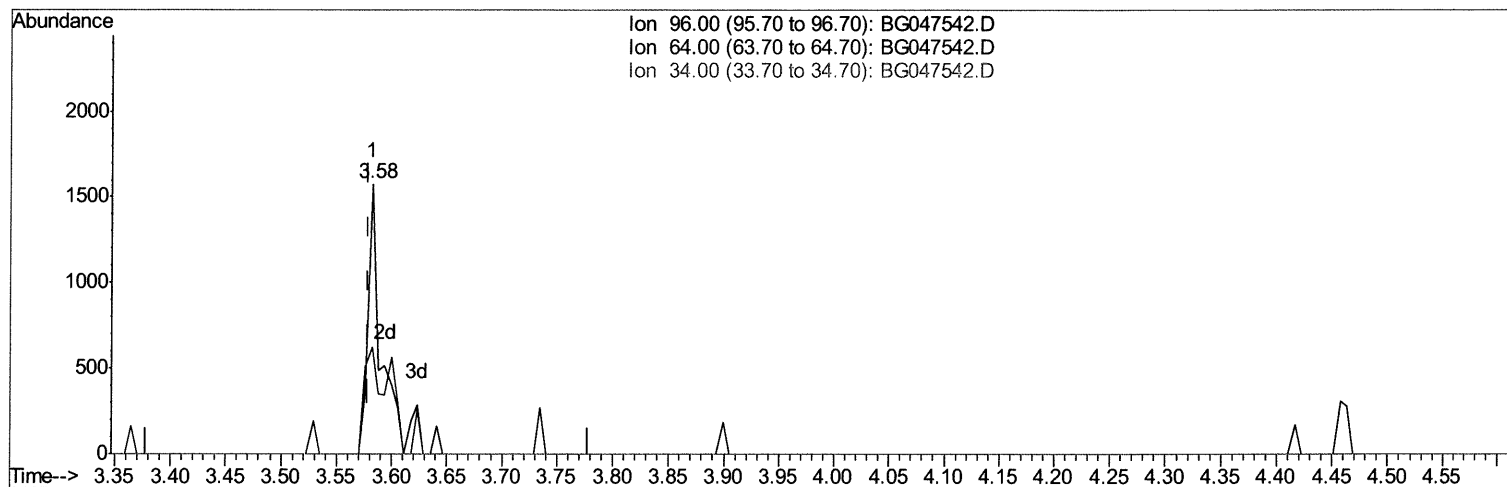
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047542.D
Acq On : 3 Dec 2020 17:24
Operator : CG/JU
Sample : L4865-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM

Quant Time: Dec 03 23:38:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration



TIC: BG047542.D

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

3.582min (+0.003) 1.41ng/uL m 12/07/2020

response 1272

Ion	Exp%	Act%
96.00	100	100
64.00	62.70	39.37#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

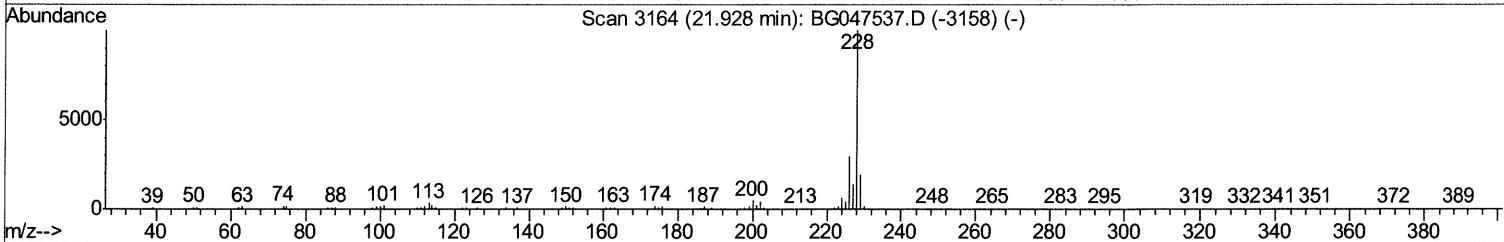
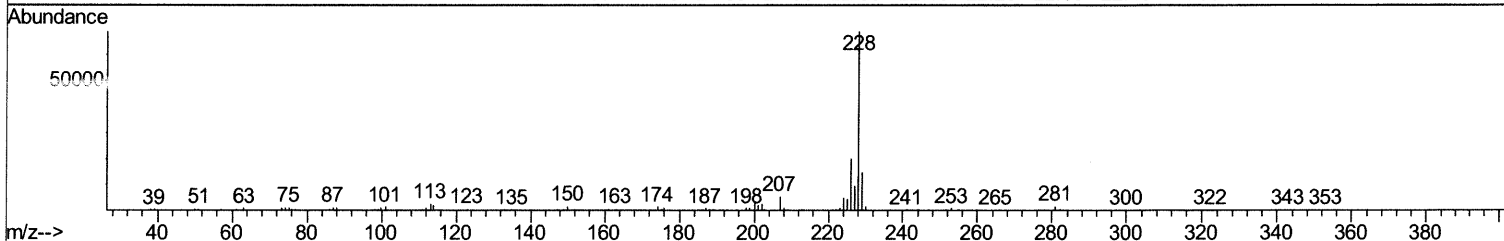
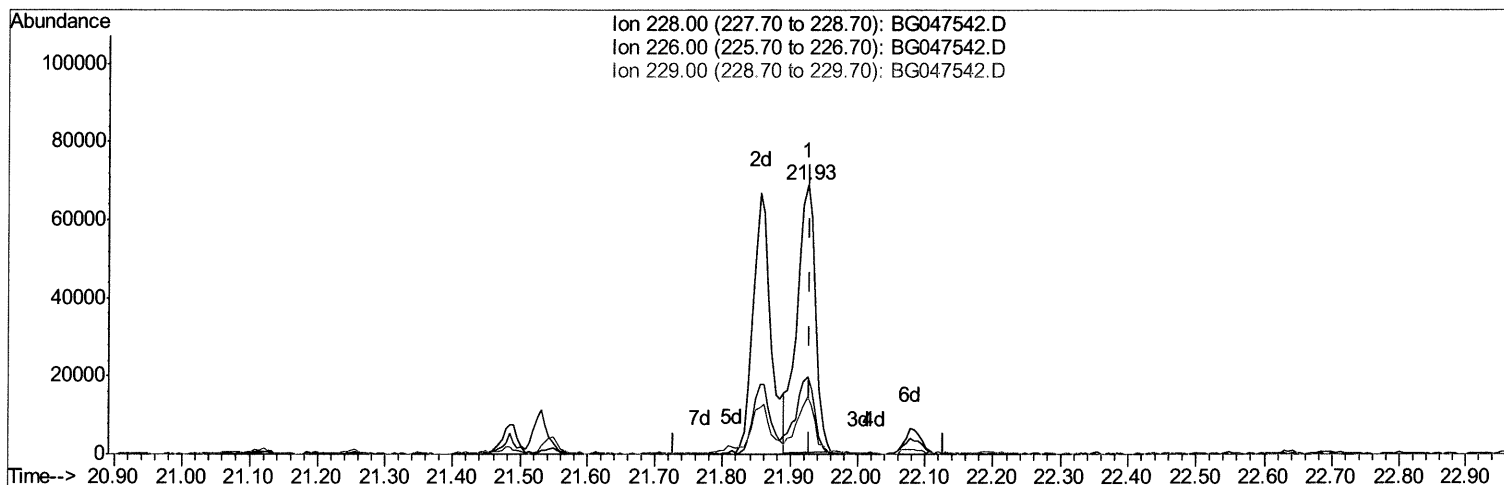
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047542.D
 Acq On : 3 Dec 2020 17:24
 Operator : CG/JU
 Sample : L4865-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AZ9

Manual Integrations
 APPROVED

mohammad
 12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:00:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 03 15:14:44 2020
 Response via : Initial Calibration



TIC: BG047542.D

(85) Chrysene

21.925min (-0.003) 6.98ng/ui

response 129310

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	28.72
229.00	19.40	21.35
0.00	0.00	0.00

Quantitation Report (Qedit)

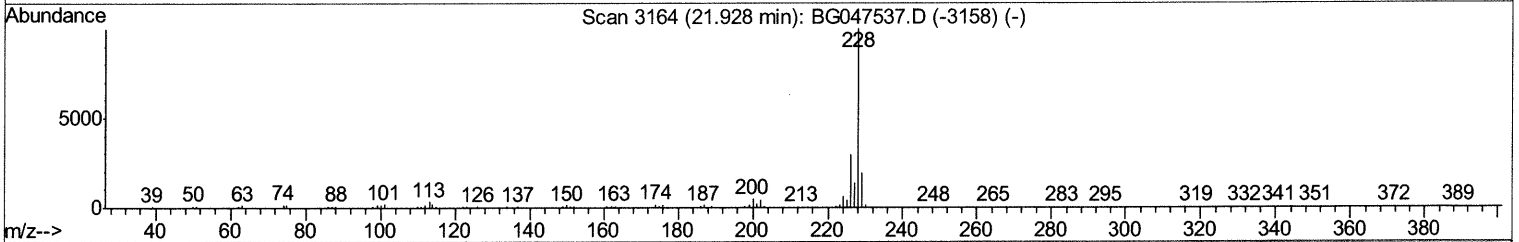
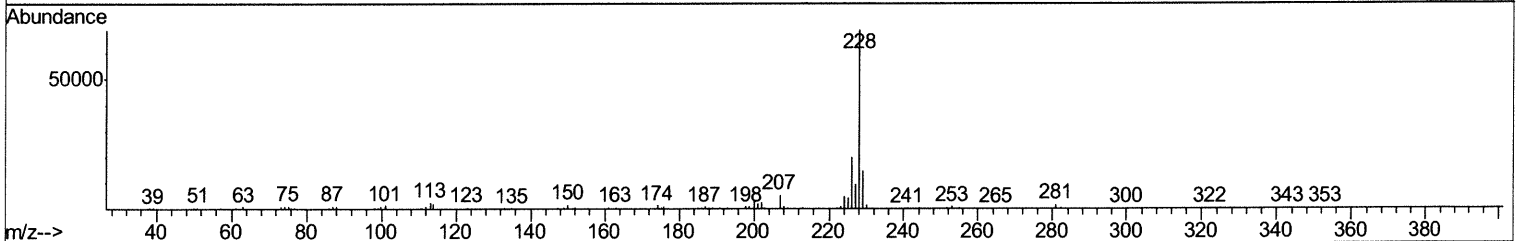
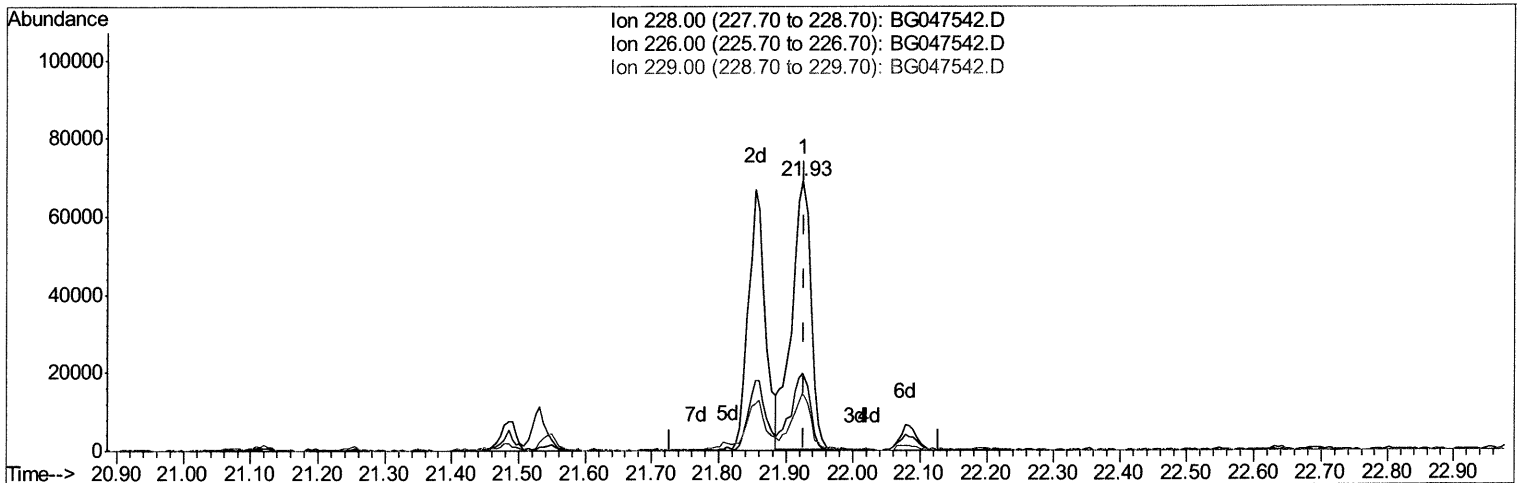
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047542.D
 Acq On : 3 Dec 2020 17:24
 Operator : CG/JU
 Sample : L4865-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AZ9

Manual Integrations
 APPROVED

mohammad
 12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:00:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 03 15:14:44 2020
 Response via : Initial Calibration



TIC: BG047542.D

(85) Chrysene

21.925min (-0.003) 7.32ng/ul m 12/01/2020

response 135691

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	28.72
229.00	19.40	21.35
0.00	0.00	0.00

Quantitation Report (Qedit)

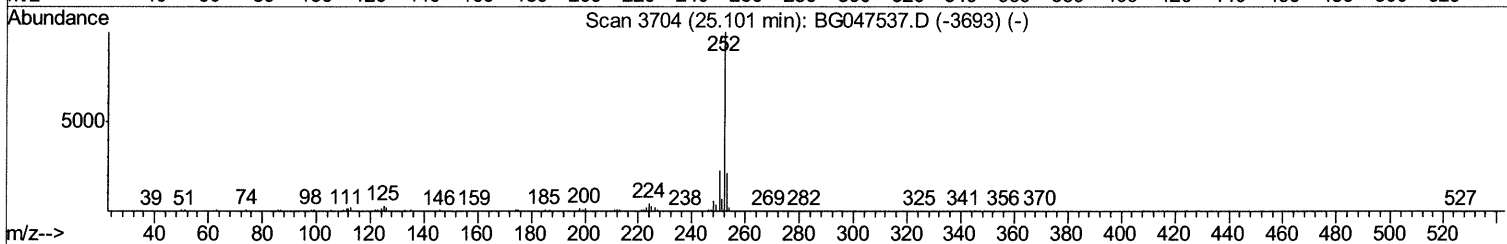
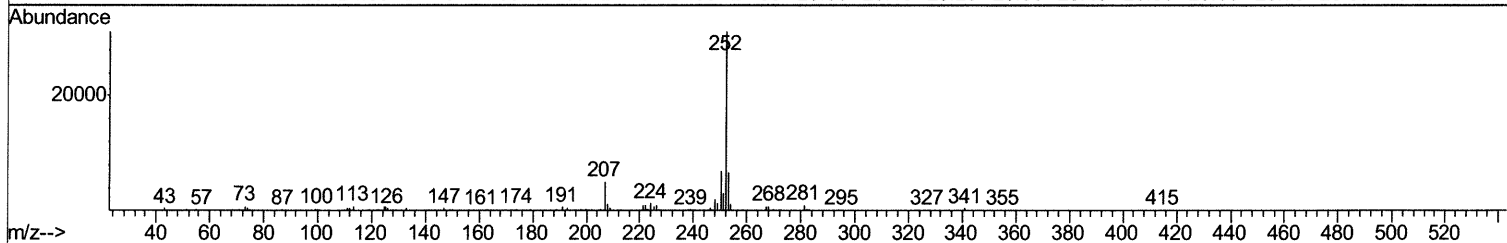
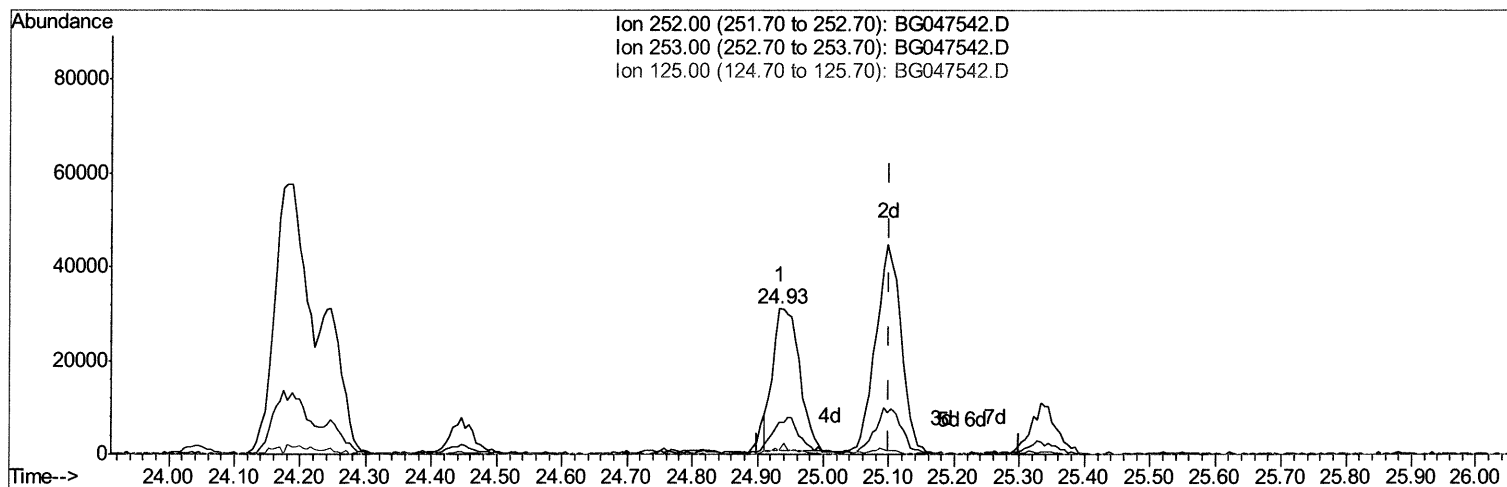
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047542.D
Acq On : 3 Dec 2020 17:24
Operator : CG/JU
Sample : L4865-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:00:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration



TIC: BG047542.D

(91) Benzo(a)pyrene (C)

24.933min (-0.167) 4.63ng/ul

response 84988

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.91
125.00	2.90	2.72
0.00	0.00	0.00

Quantitation Report (Qedit)

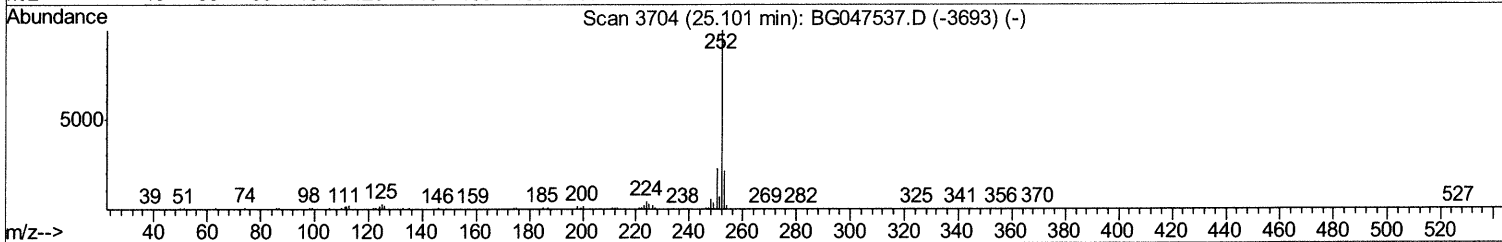
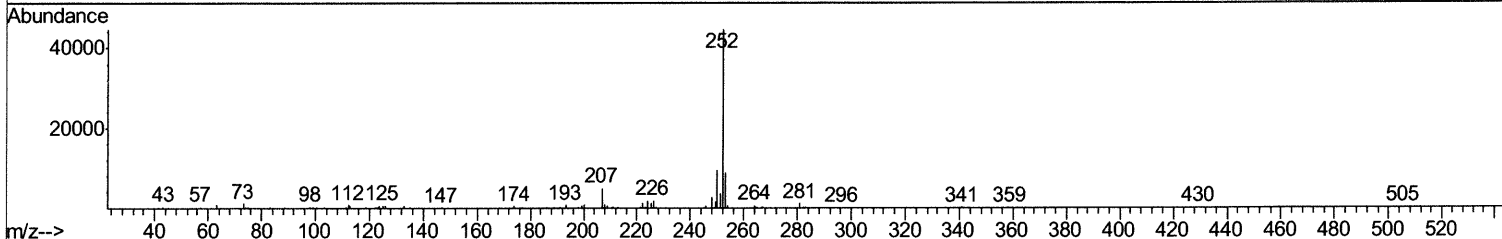
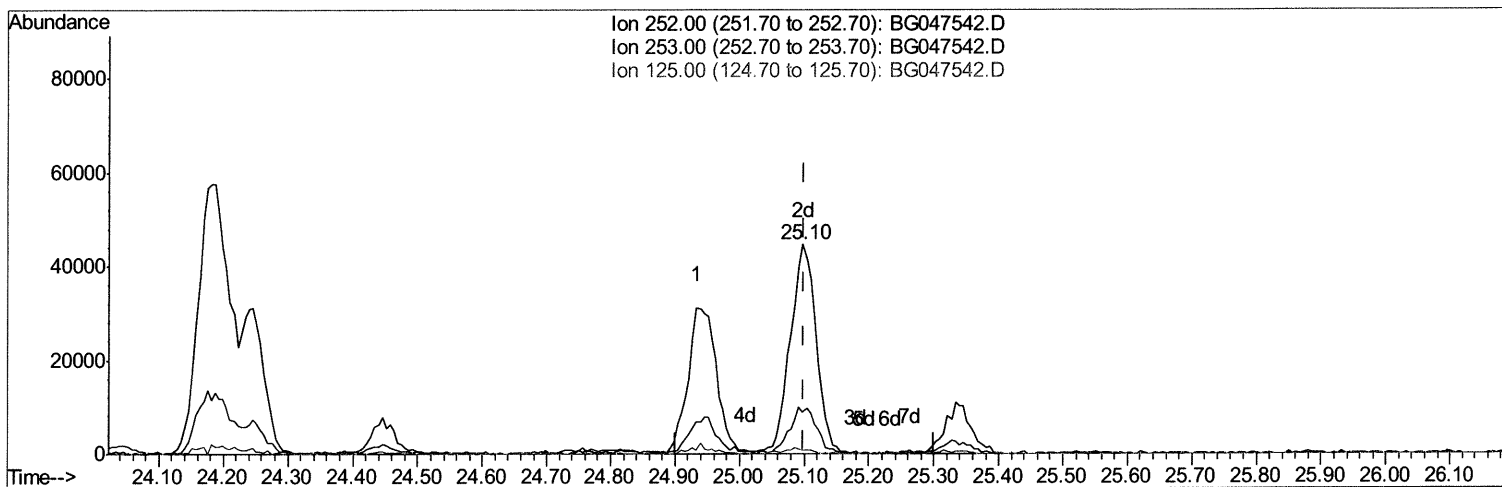
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047542.D
 Acq On : 3 Dec 2020 17:24
 Operator : CG/JU
 Sample : L4865-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0A29

Manual Integrations
 APPROVED

mohammad
 12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:00:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 03 15:14:44 2020
 Response via : Initial Calibration



TIC: BG047542.D

(91) Benzo(a)pyrene (C)

25.098min (-0.003) 6.73ng/ul m 12/6/2020

response 123548

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	20.09
125.00	2.90	2.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

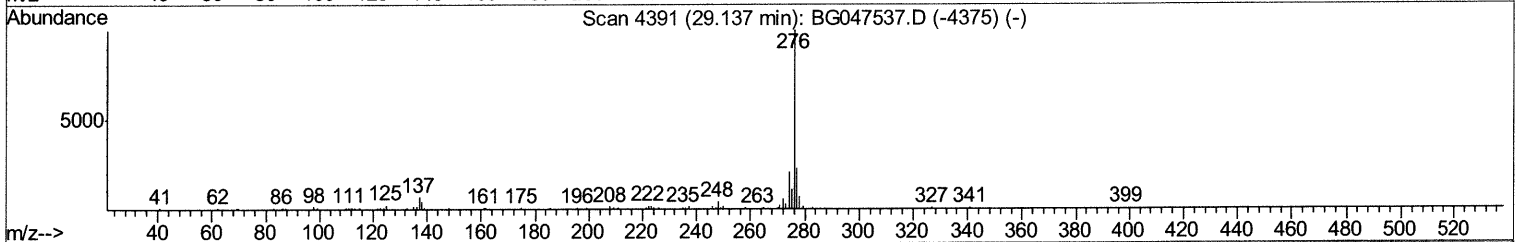
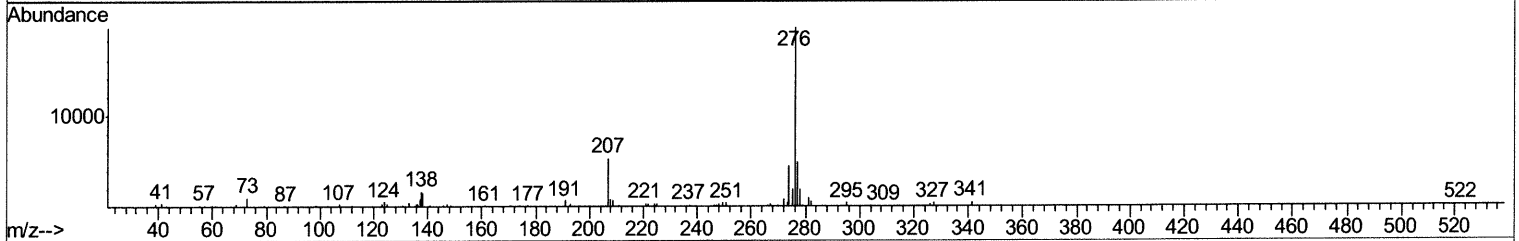
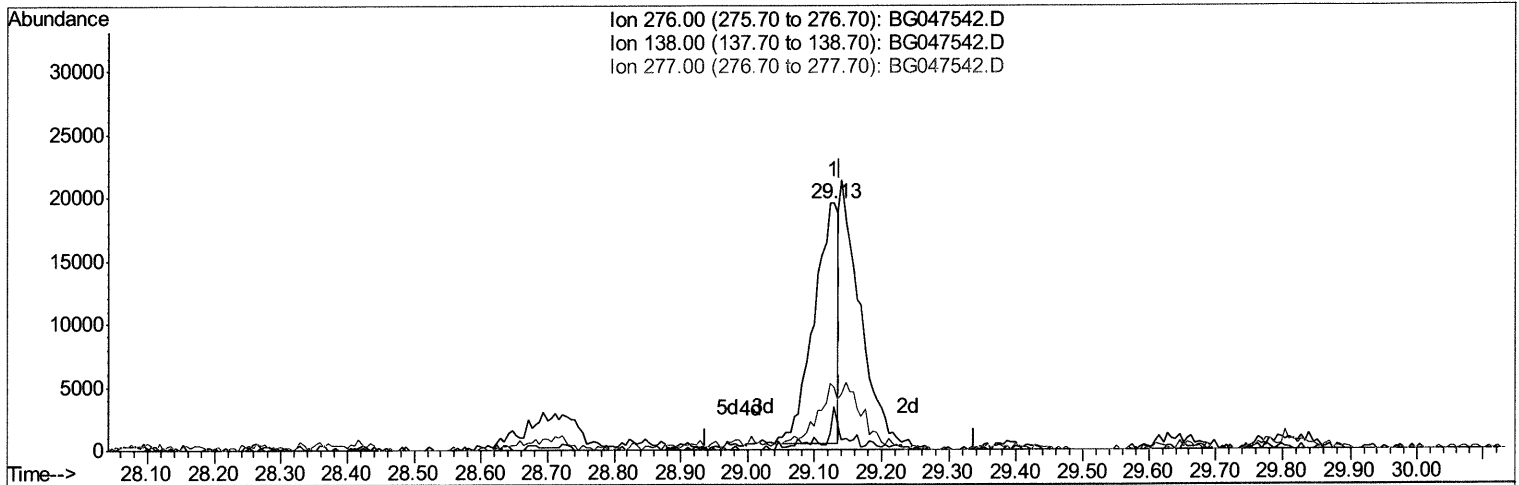
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047542.D
Acq On : 3 Dec 2020 17:24
Operator : CG/JU
Sample : L4865-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:00:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration



TIC: BG047542.D

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

29.128min (-0.009) 2.17ng/ul

response 48504

Ion	Exp%	Act%
276.00	100	100
138.00	4.60	17.51#
277.00	22.80	25.41
0.00	0.00	0.00

Quantitation Report (Qedit)

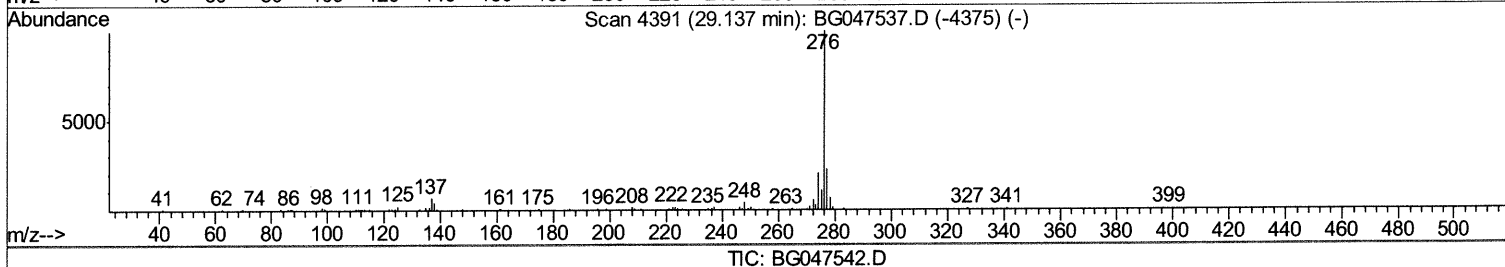
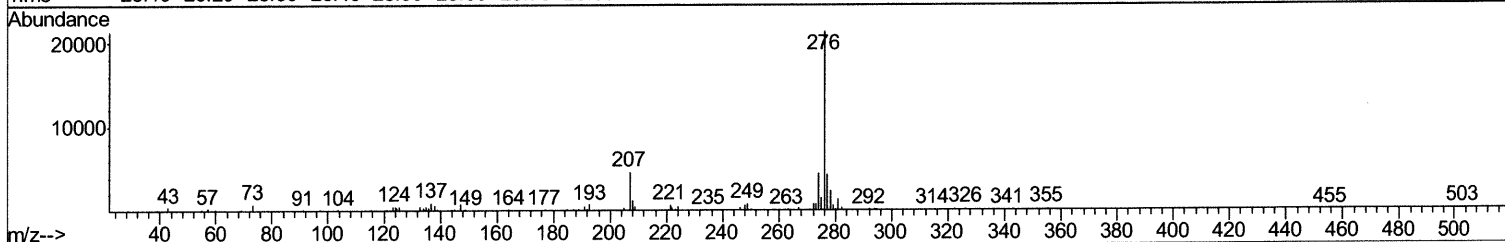
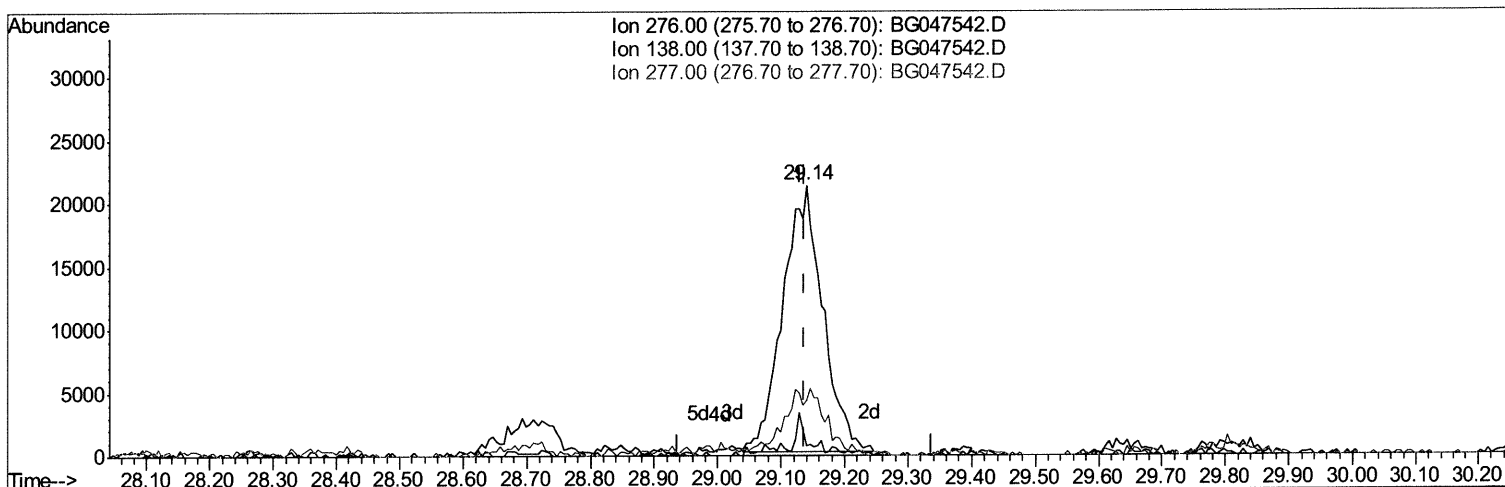
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047542.D
Acq On : 3 Dec 2020 17:24
Operator : CG/JU
Sample : L4865-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:00:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration



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

29.140min (+0.003) 4.17ng/ul m 12/07/2020

response 93066

Ion	Exp%	Act%
276.00	100	100
138.00	4.60	3.47#
277.00	22.80	20.32
0.00	0.00	0.00

Quantitation Report (Qedit)

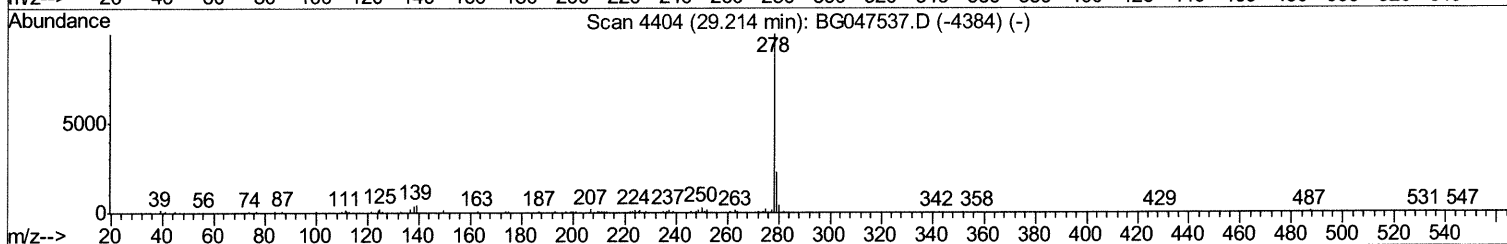
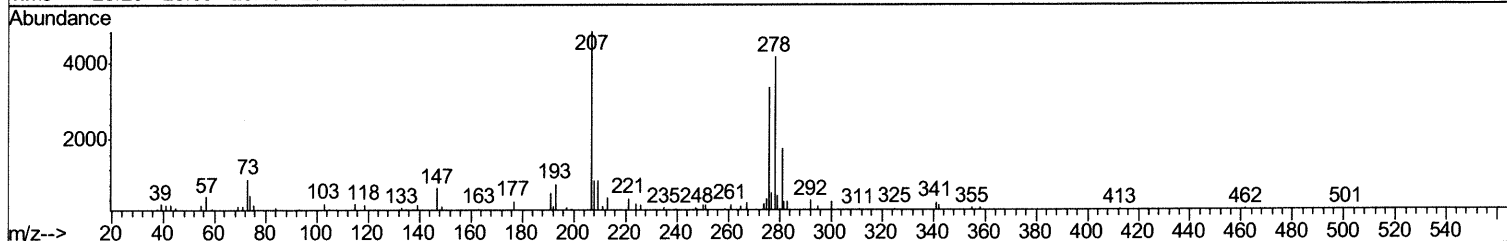
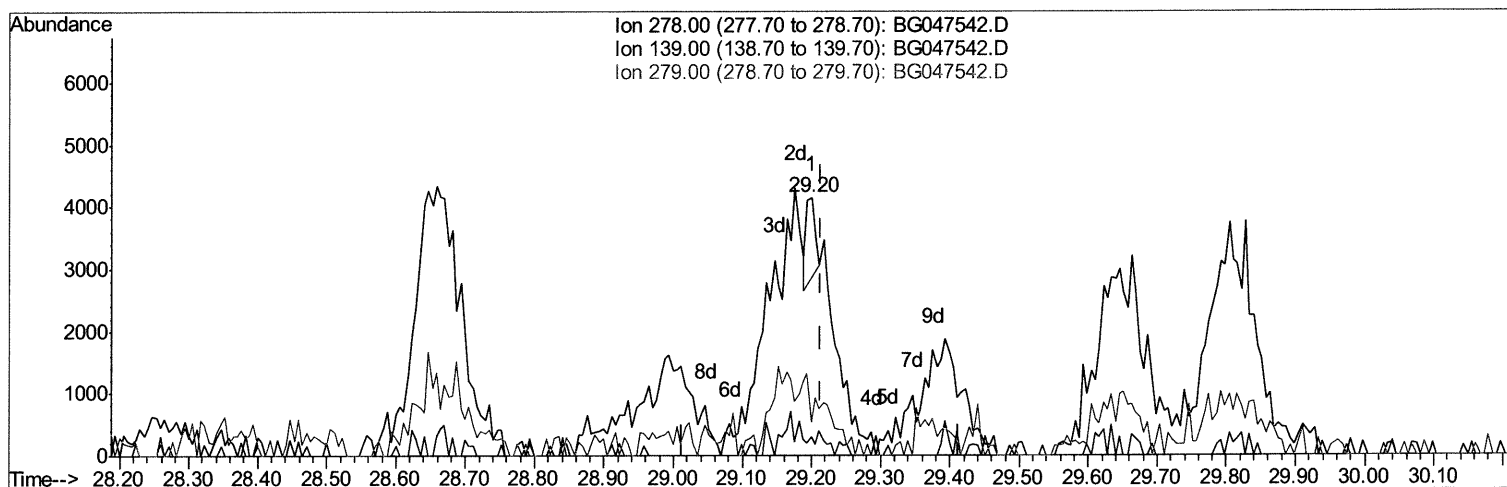
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Data File : BG047542.D
Acq On : 3 Dec 2020 17:24
Operator : CG/JU
Sample : L4865-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:00:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration



TIC: BG047542.D

(93) Dibenzo(a,h)anthracene

29.199min (-0.015) 0.07ng/ul

response 1218

Ion	Exp%	Act%
278.00	100	100
139.00	4.20	7.07#
279.00	22.50	12.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

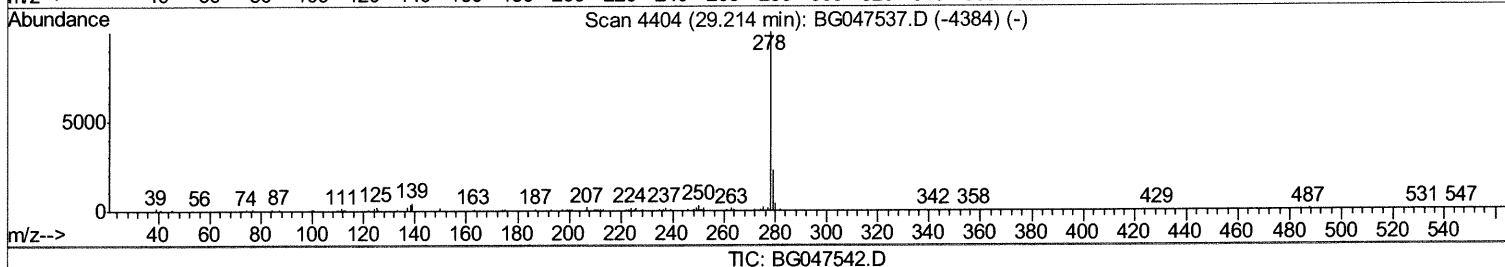
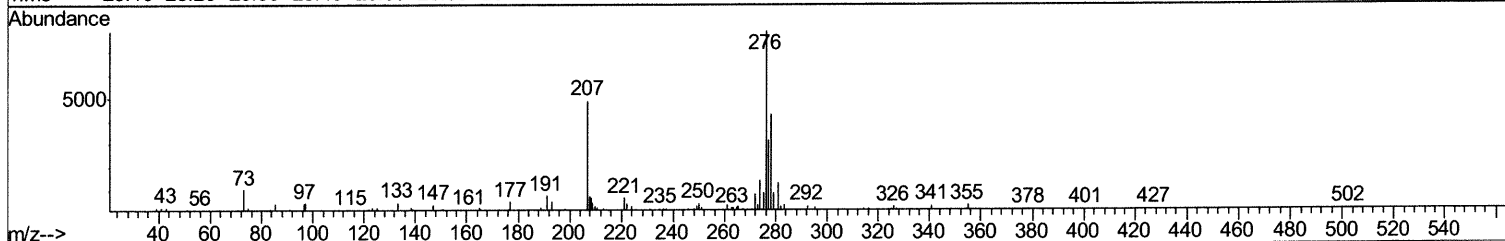
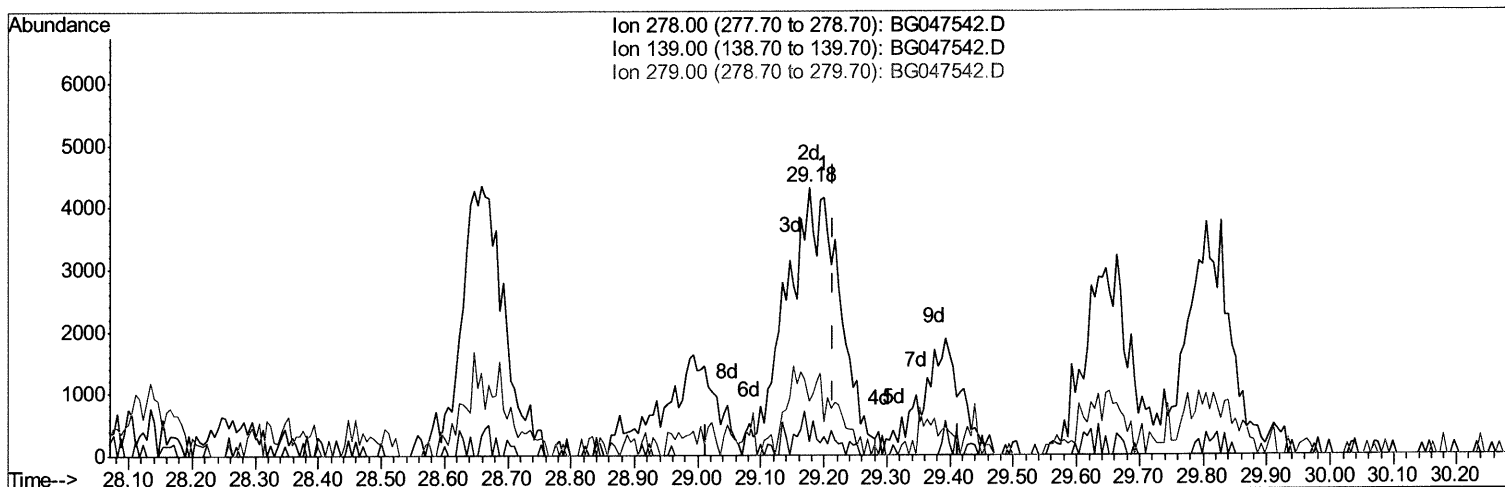
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047542.D
Acq On : 3 Dec 2020 17:24
Operator : CG/JU
Sample : L4865-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:00:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

29.175min (-0.038) 1.38ng/ul m 12/07/2020

response 25252

Ion	Exp%	Act%
278.00	100	100
139.00	4.20	5.13#
279.00	22.50	20.25
0.00	0.00	0.00

Quantitation Report (Qedit)

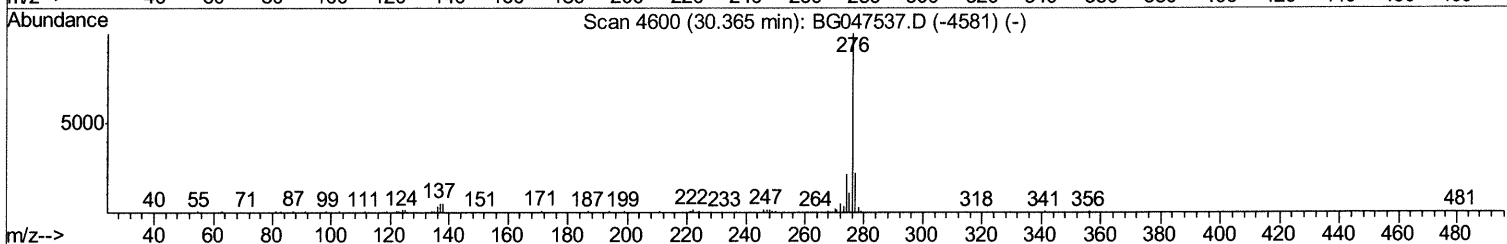
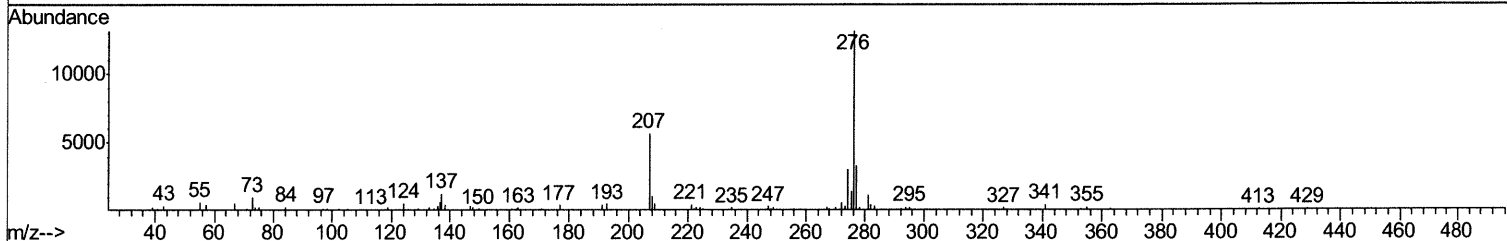
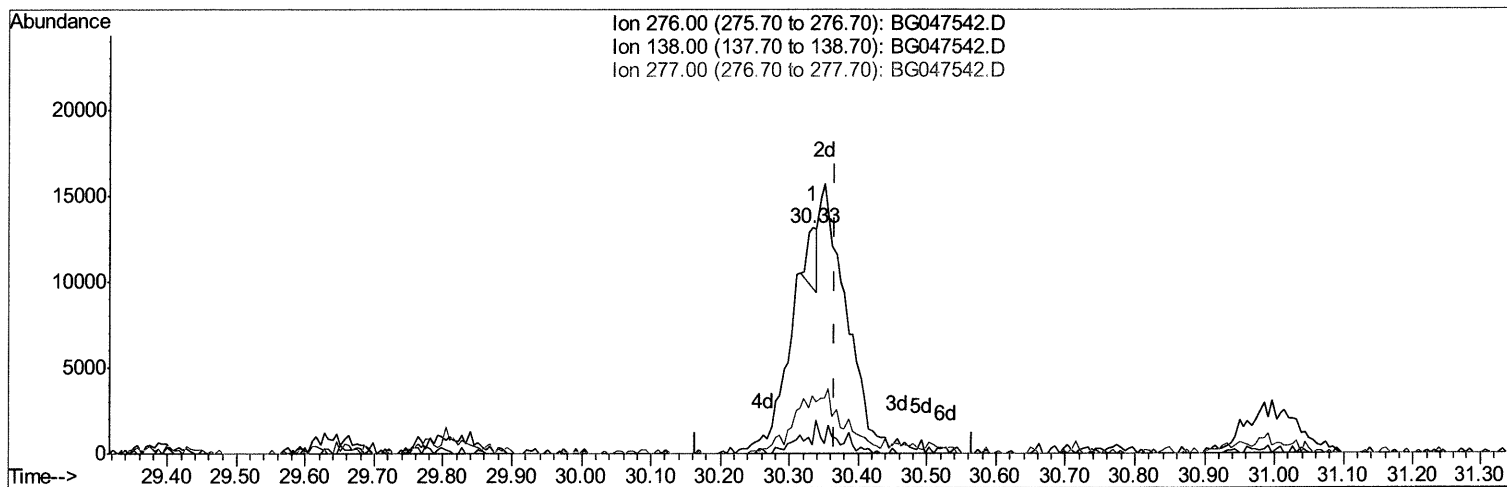
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047542.D
Acq On : 3 Dec 2020 17:24
Operator : CG/JU
Sample : L4865-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:00:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration



TIC: BG047542.D

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

30.333min (-0.032) 0.19ng/ul

response 3459

Ion	Exp%	Act%
276.00	100	100
138.00	4.50	3.72
277.00	21.90	25.59
0.00	0.00	0.00

Quantitation Report (Qedit)

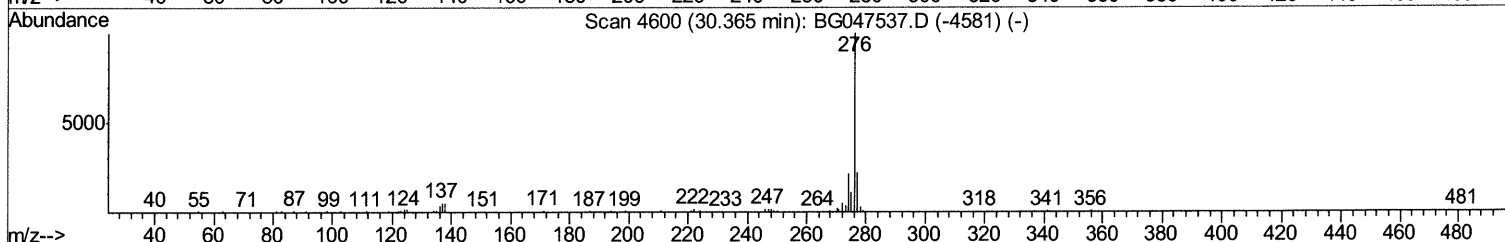
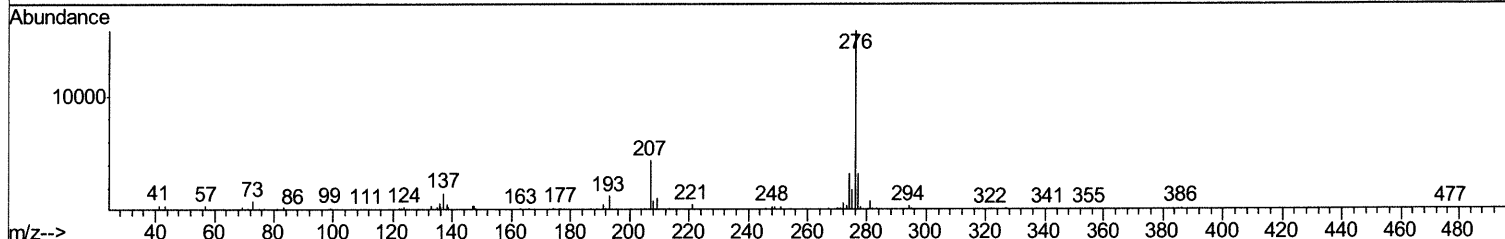
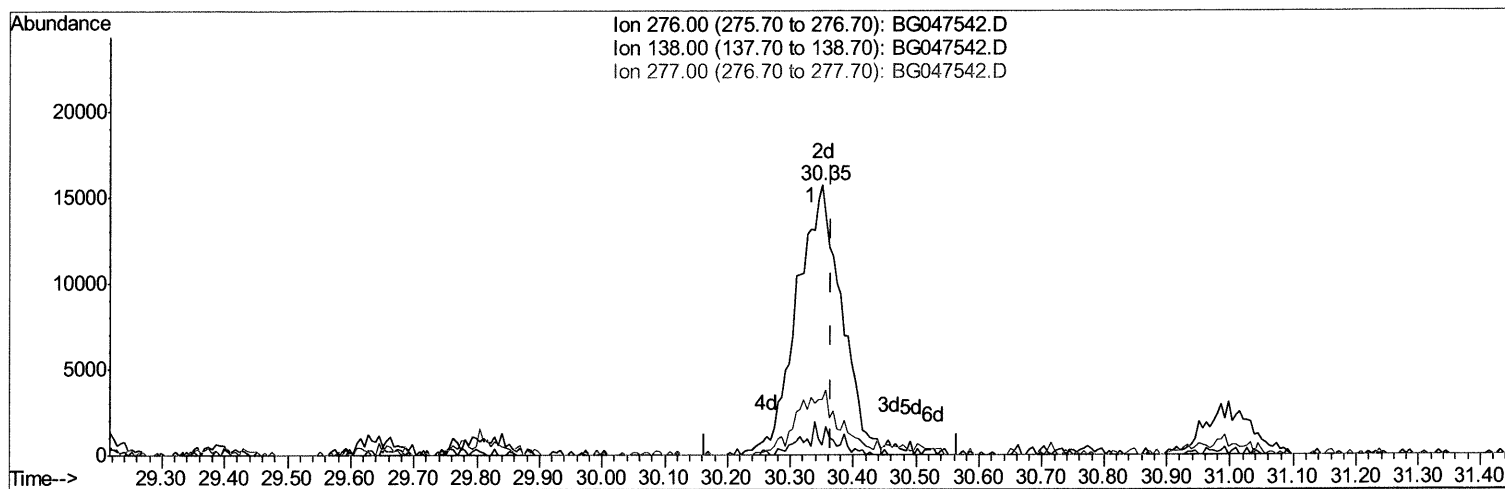
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047542.D
Acq On : 3 Dec 2020 17:24
Operator : CG/JU
Sample : L4865-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:00:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration



TIC: BG047542.D

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

30.351min (-0.015) 4.22ng/ul m (2607/28JU)

response 77767

Ion	Exp%	Act%
276.00	100	100
138.00	4.50	3.84
277.00	21.90	20.36
0.00	0.00	0.00

Quantitation Report (Qedit)

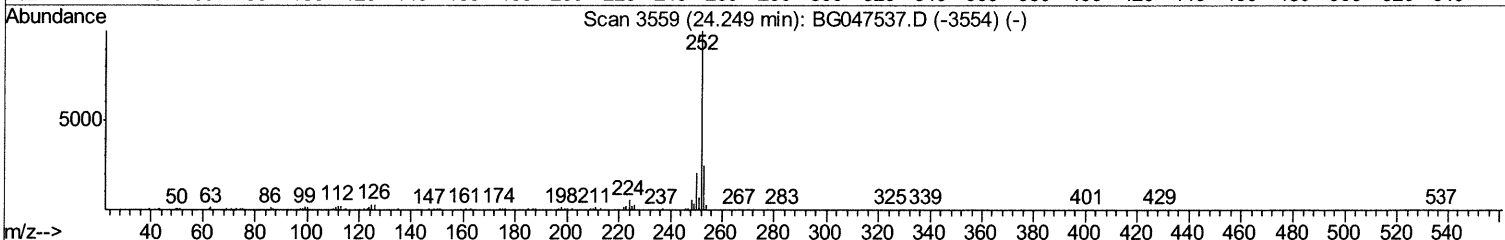
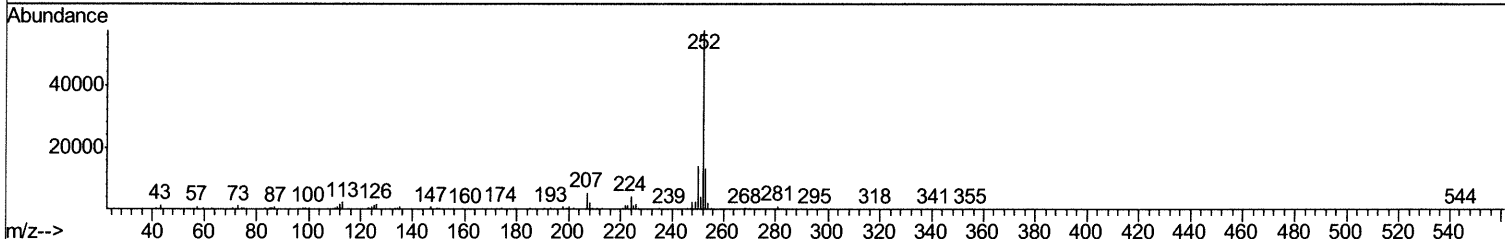
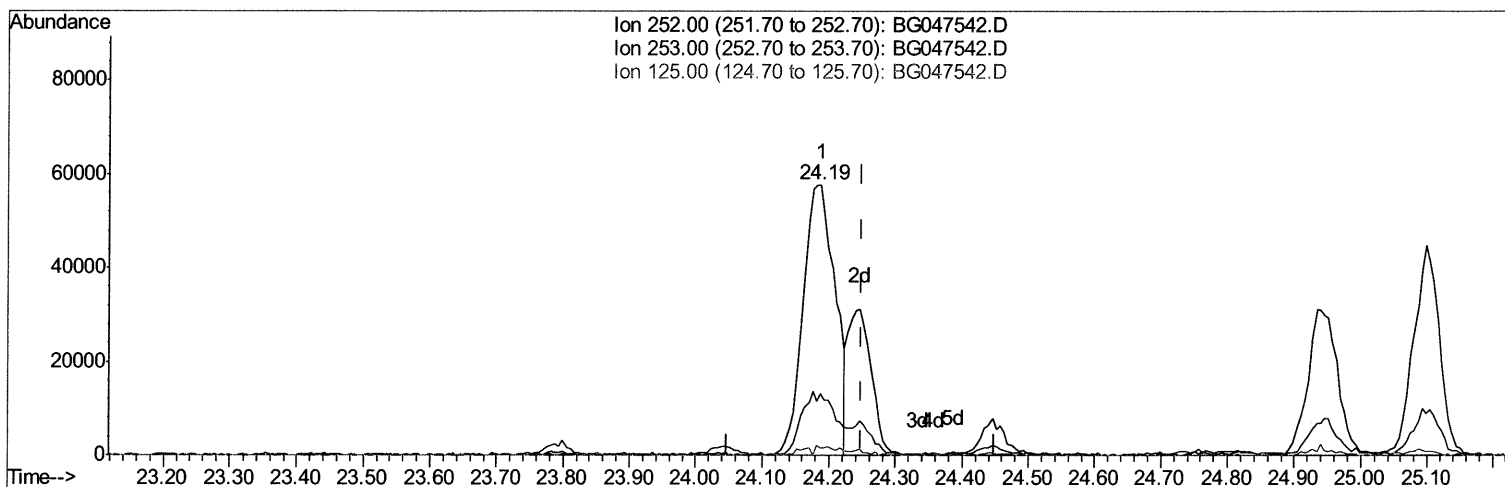
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047542.D
 Acq On : 3 Dec 2020 17:24
 Operator : CG/JU
 Sample : L4865-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0A29

Manual Integrations
 APPROVED

mohammad
 12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:05:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 03 15:14:44 2020
 Response via : Initial Calibration



TIC: BG047542.D

(89) Benzo(k)fluoranthene
 24.187min (-0.062) 9.47ng/ul
 response 192044

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	22.68
125.00	2.80	2.59
0.00	0.00	0.00

Quantitation Report (Qedit)

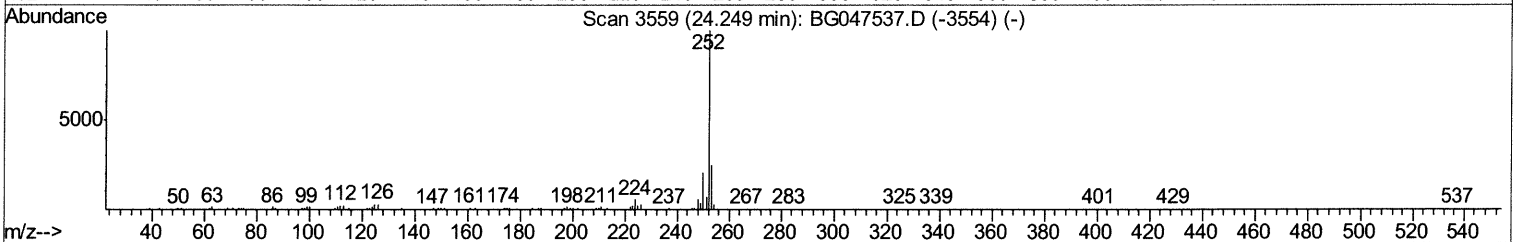
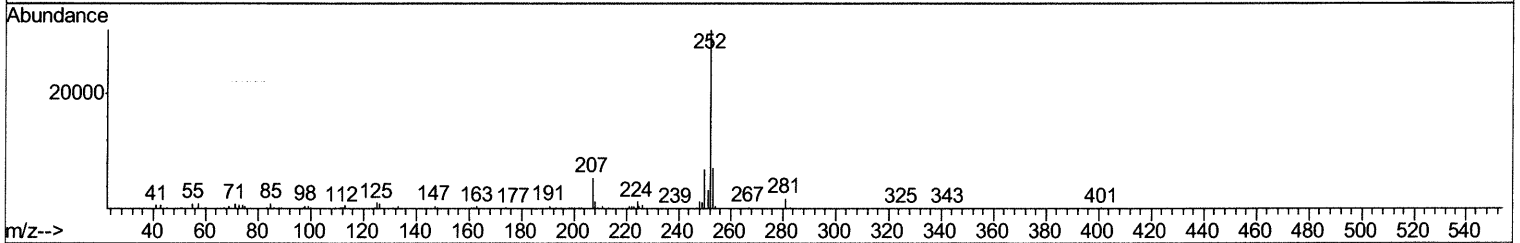
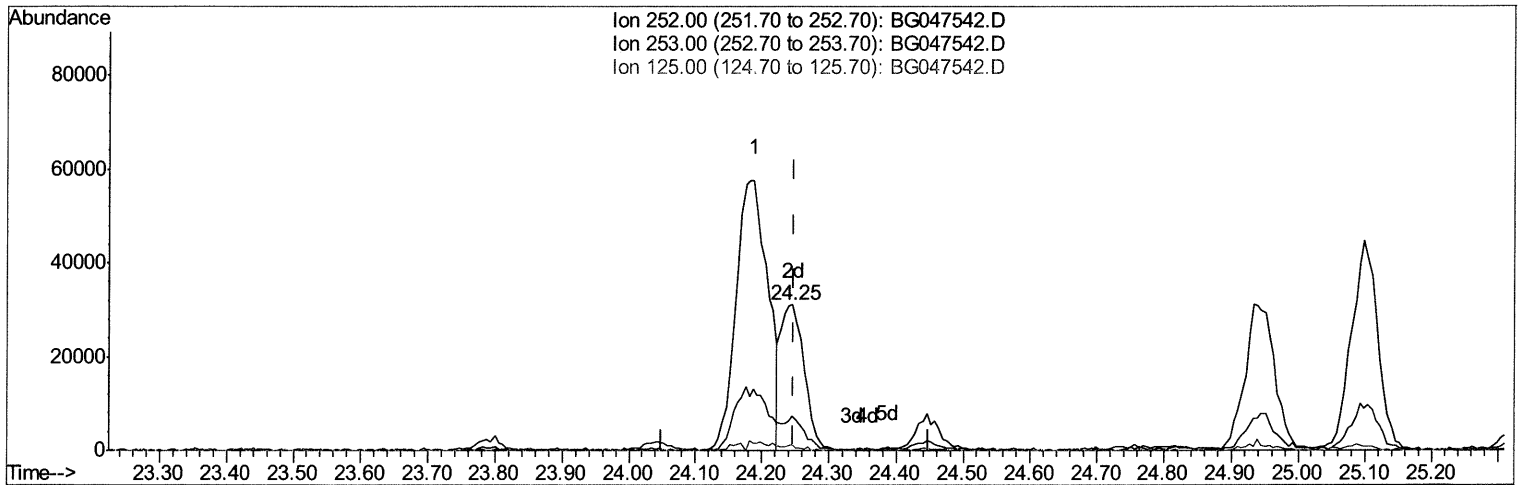
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047542.D
Acq On : 3 Dec 2020 17:24
Operator : CG/JU
Sample : L4865-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ9

Manual Integrations
APPROVED

mohammad
12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:05:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration



TIC: BG047542.D

(89) Benzo(k)fluoranthene

24.246min (-0.003) 3.68ng/ul m 12/07/2024

response 74610

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	23.32
125.00	2.80	3.88#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047542.D
 Acq On : 3 Dec 2020 17:24
 Operator : CG/JU
 Sample : L4865-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AZ9

Manual Integrations
 APPROVED

mohammad
 12/4/2020 4:30:24 PM

Quant Time: Dec 04 01:06:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 03 15:14:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	32718	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	125063	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	92012	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.59	188	247506	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	273612	20.00	ng/ul	0.00
86) Perylene-d12	25.26	264	291558	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	1272m >	1.41	ng/uL >	0.00	12/07/20 JU
5) Phenol-d5	7.38	99	25558	7.79	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.55	67	17879	9.55	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.77	132	22313	10.14	ng/ul	0.00	
13) 4-Methylphenol-d8	8.94	113	14503	5.75	ng/ul	0.00	
19) Nitrobenzene-d5	9.41	128	12308	11.91	ng/ul	0.00	
22) 2-Nitrophenol-d4	10.14	143	13913	12.34	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.69	165	26420	10.24	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.20	131	18538	7.10	ng/ul	0.00	
44) Dimethylphthalate-d6	14.25	166	92895	11.76	ng/ul	0.00	
47) Acenaphthylene-d8	14.56	160	111292	12.19	ng/ul	0.00	
52) 4-Nitrophenol-d4	15.03	143	8001	6.64	ng/ul	0.00	
58) Fluorene-d10	15.84	176	93698	12.95	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.94	200	12622	8.96	ng/ul	0.00	
71) Anthracene-d10	17.69	188	151919	12.37	ng/ul	0.00	
79) Pyrene-d10	19.96	212	207271	13.02	ng/ul	0.00	
90) Benzo(a)pyrene-d12	25.02	264	216319	12.89	ng/ul	0.00	

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.30	163	18662	2.316	ng/ul#	92
70) Phenanthrene	17.64	178	45999	3.442	ng/ul	98
77) Fluoranthene	19.63	202	219666	13.013	ng/ul	99
80) Pvrene	19.99	202	179835	9.279	ng/ul#	97
83) Benzo(a)anthracene	21.85	228	117268	6.024	ng/ul	99
85) Chrysene	21.93	228	135691m >	7.324	ng/ul >	12/07/20 JU
88) Benzo(b)fluoranthene	24.19	252	192044	9.329	ng/ul	99
89) Benzo(k)fluoranthene	24.25	252	74610m	3.678	ng/ul	12/07/20 JU
91) Benzo(a)pvrene	25.10	252	123548m	6.733	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.14	276	93066m	4.169	ng/ul	
93) Dibenzo(a,h)anthracene	29.18	278	25252m	1.380	ng/ul	
94) Benzo(a,h,i)perylene	30.35	276	77767m	4.222	ng/ul	

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