

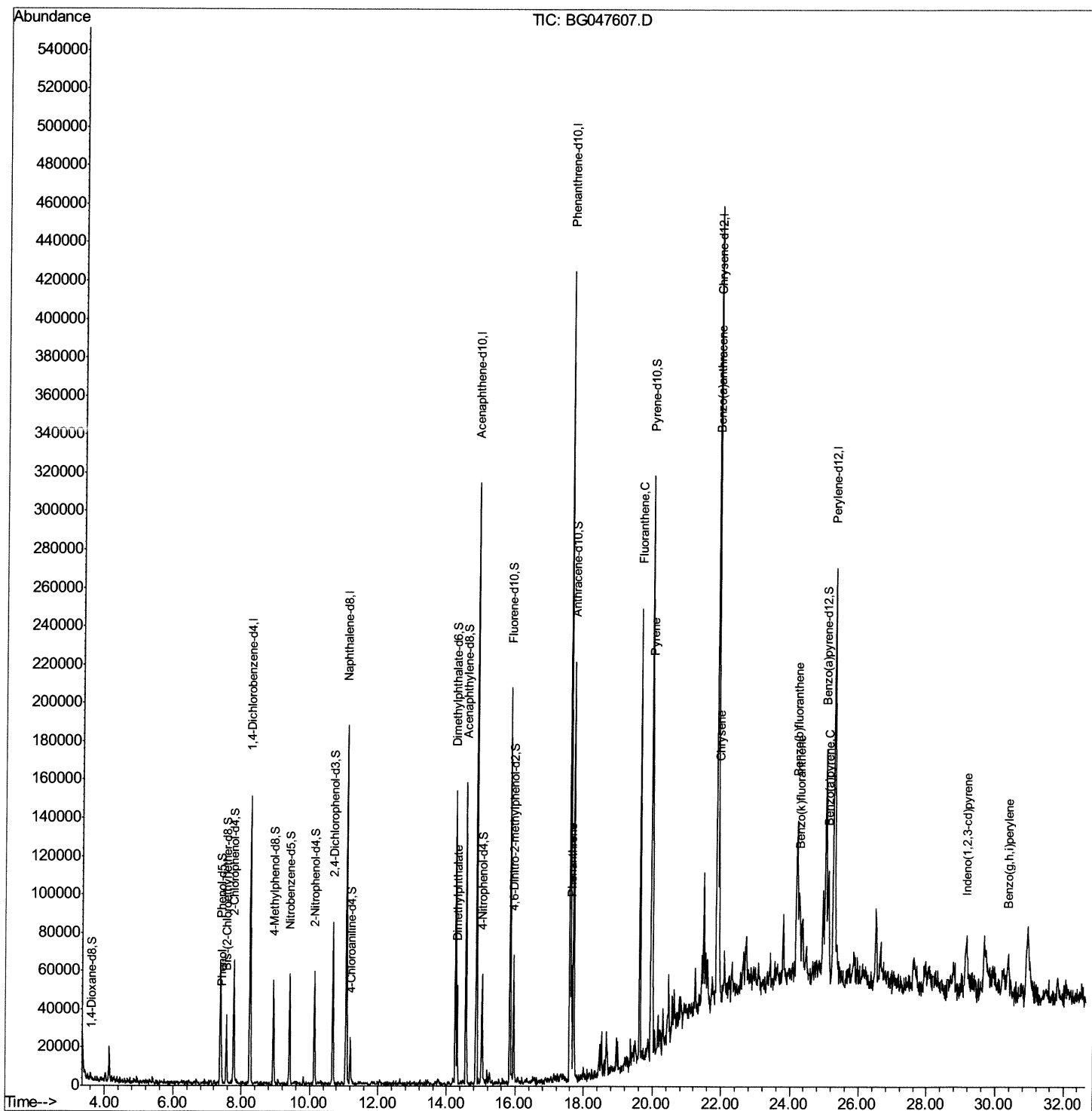
```
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\  
Data File : BG047607.D  
Acq On    : 5 Dec 2020 15:54  
Operator  : CG/JU  
Sample    : L4859-04  
Misc      :  
ALS Vial  : 40 Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
C0B94

Manual Integrations

mohammad
12/7/2020 2:01:29 PM

Quant Time: Dec 07 05:59:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration



Instrument :
BNA_G
ClientSampleId :
C0B94

Manual Integrations

mohammad
12/7/2020 2:01:29 PM

Abundance

Ion 96.00 (95.70 to 96.70): BG047607.D
Ion 64.00 (63.70 to 64.70): BG047607.D
Ion 34.00 (33.70 to 34.70): BG047607.D

1500

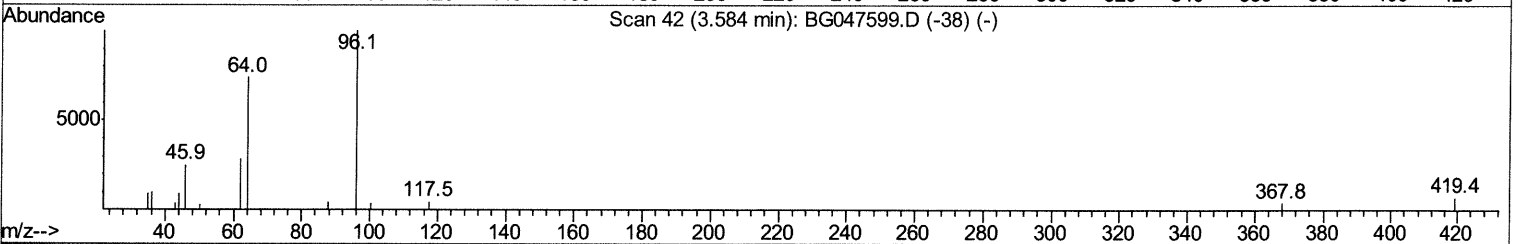
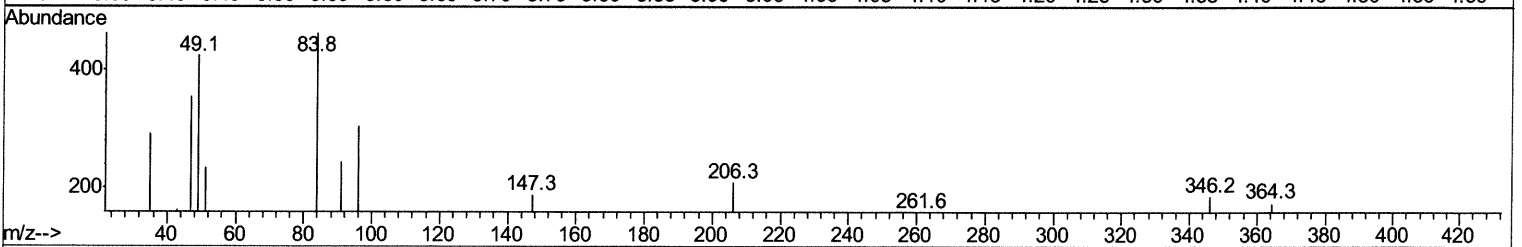
1000

500

0

Time-->

3.35 3.40 3.45 3.50 3.55 3.60 3.65 3.70 3.75 3.80 3.85 3.90 3.95 4.00 4.05 4.10 4.15 4.20 4.25 4.30 4.35 4.40 4.45 4.50 4.55 4.60



TIC: BG047607.D

Ion	Exp%	Act%
96.00	100	100
64.00	61.30	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

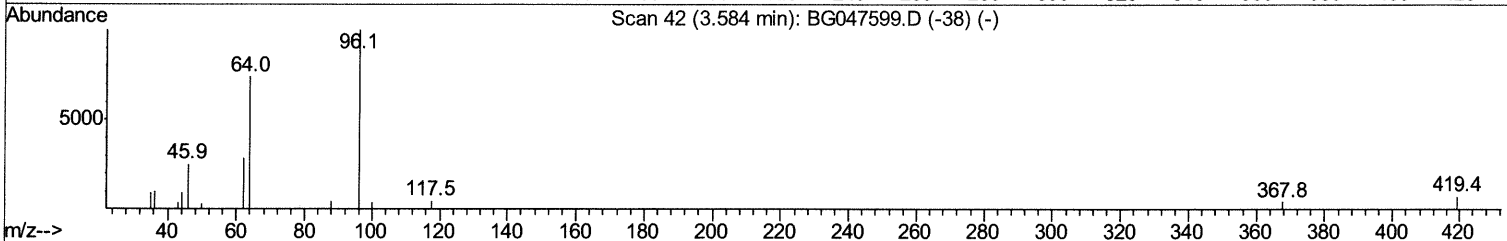
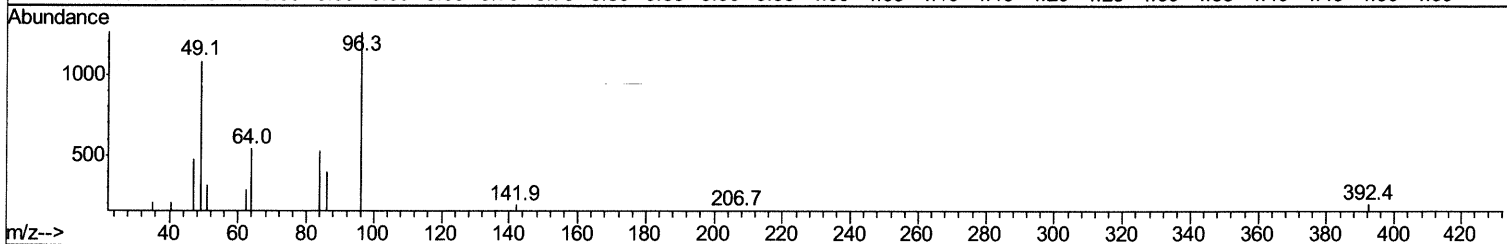
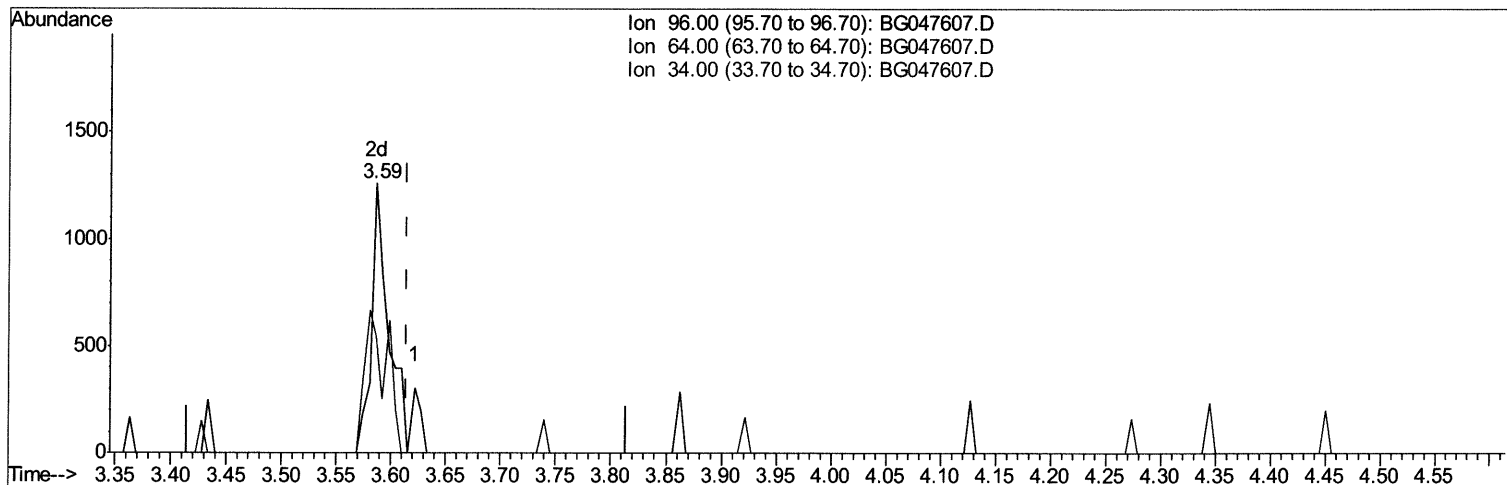
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047607.D
 Acq On : 5 Dec 2020 15:54
 Operator : CG/JU
 Sample : L4859-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B94

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:01:29 PM

Quant Time: Dec 07 05:08:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration



TIC: BG047607.D

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

3.586min (-0.028) 1.31ng/uL m 12/07/2020

response 1365

Ion	Exp%	Act%
96.00	100	100
64.00	61.30	42.98#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

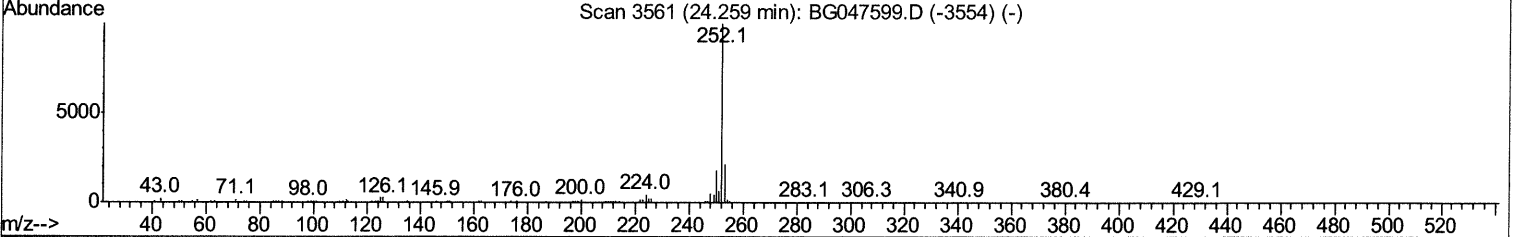
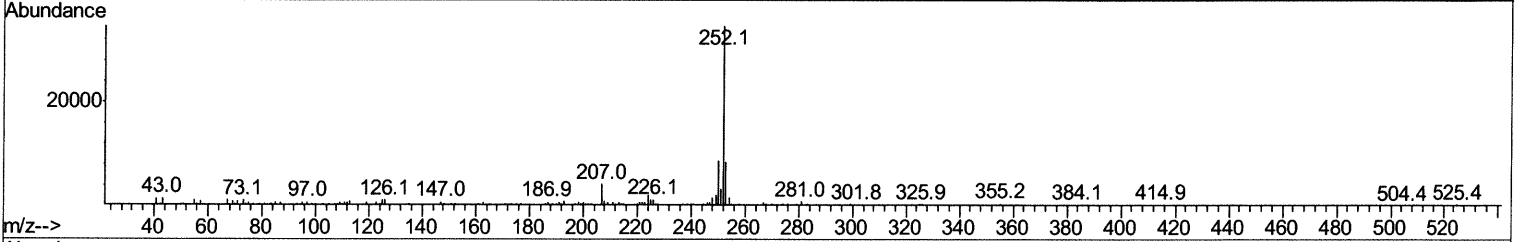
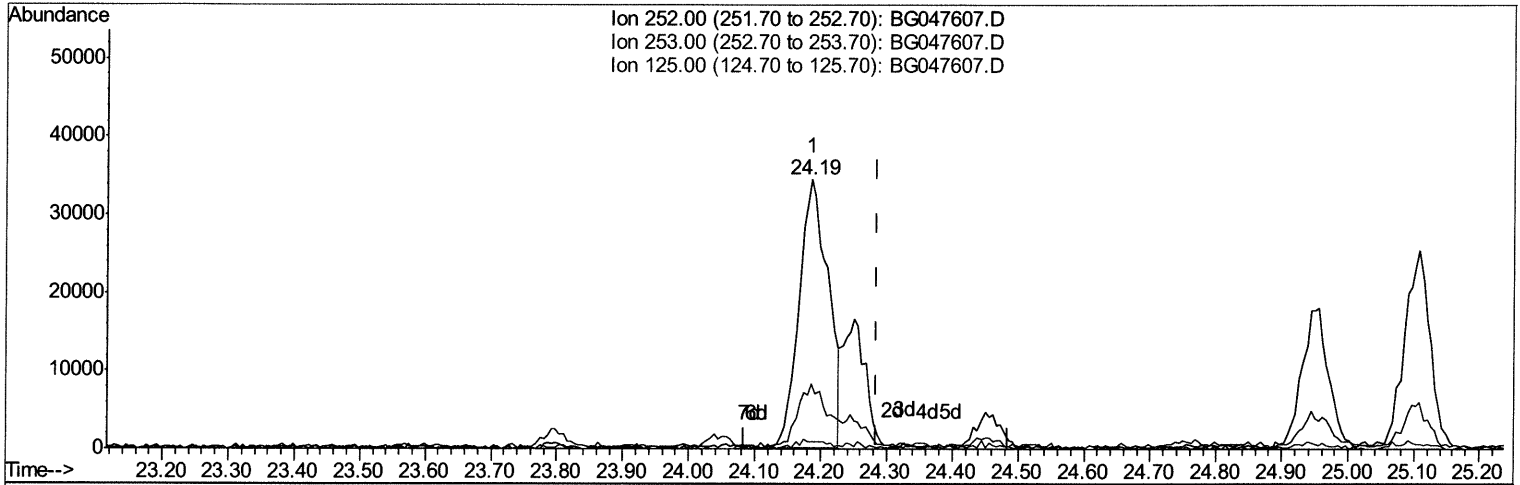
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047607.D
 Acq On : 5 Dec 2020 15:54
 Operator : CG/JU
 Sample : L4859-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B94

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:01:29 PM

Quant Time: Dec 07 05:55:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration



TIC: BG047607.D

(89) Benzo(k)fluoranthene
 24.186min (-0.099) 6.06ng/ul
 response 106098

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	24.01
125.00	3.20	2.92
0.00	0.00	0.00

Quantitation Report (Qedit)

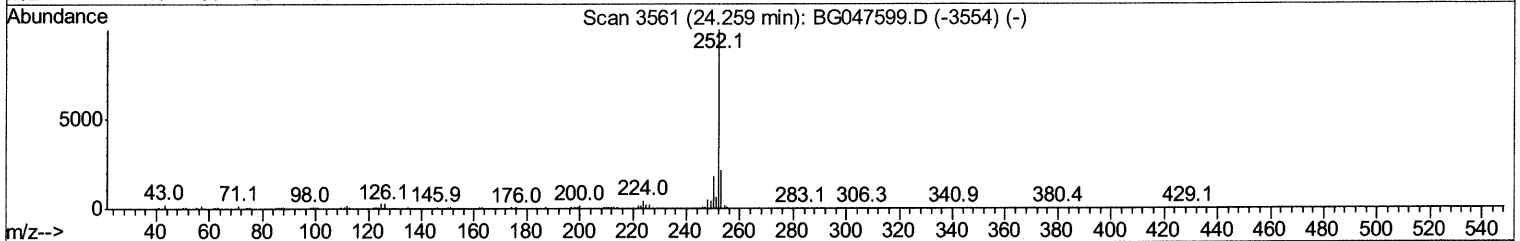
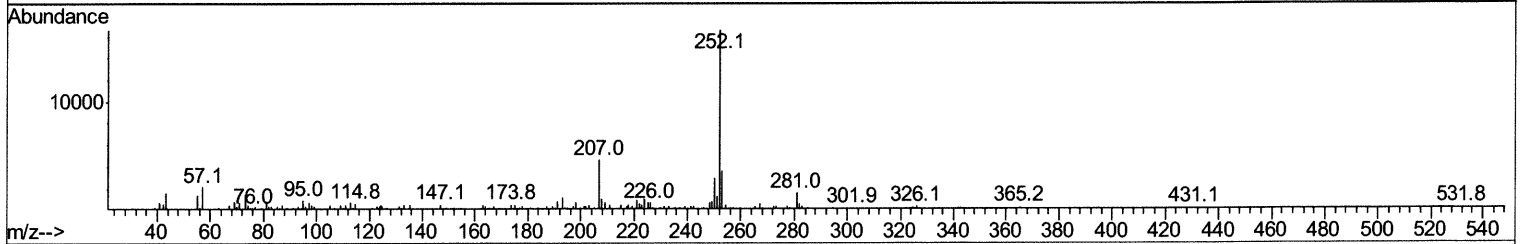
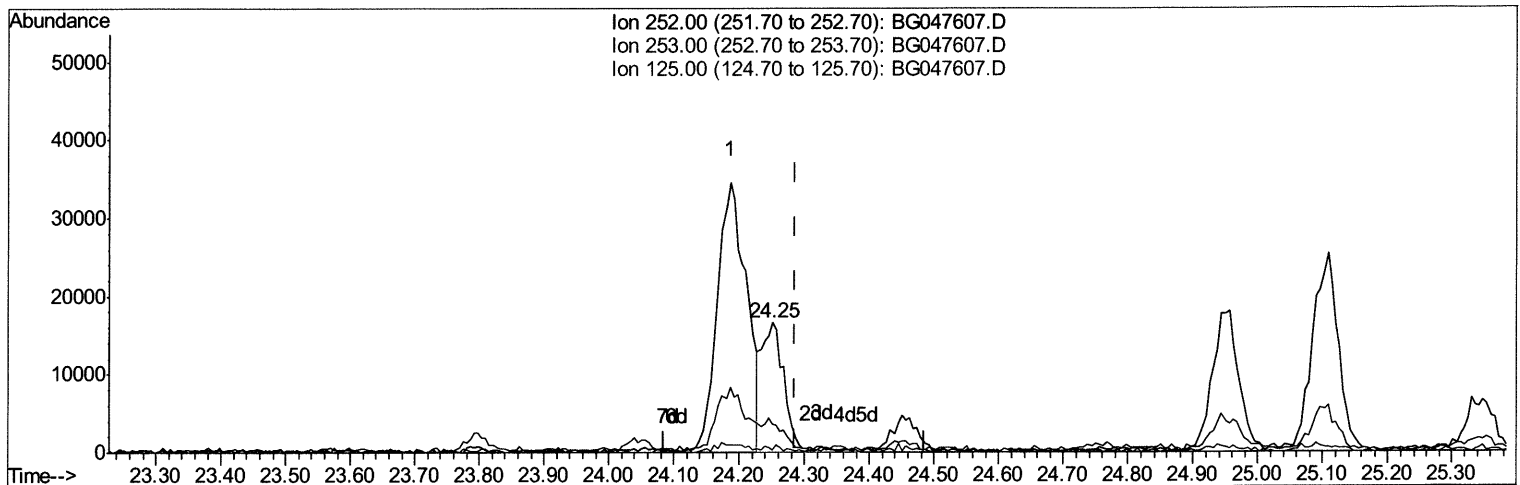
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047607.D
Acq On : 5 Dec 2020 15:54
Operator : CG/JU
Sample : L4859-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B94

Manual Integrations
APPROVED

mohammad
12/7/2020 2:01:29 PM

Quant Time: Dec 07 05:55:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration



TIC: BG047607.D

(89) Benzo(k)fluoranthene

24.250min (-0.034) 2.31ng/ul m 12/07/2020

response 40380

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	21.86
125.00	3.20	2.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

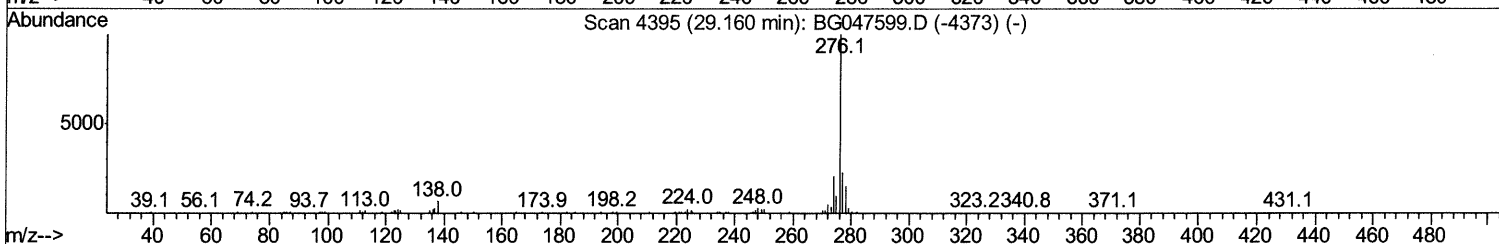
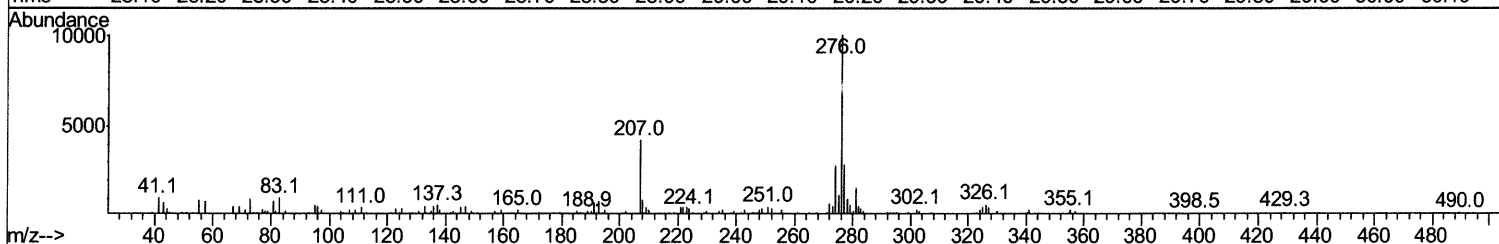
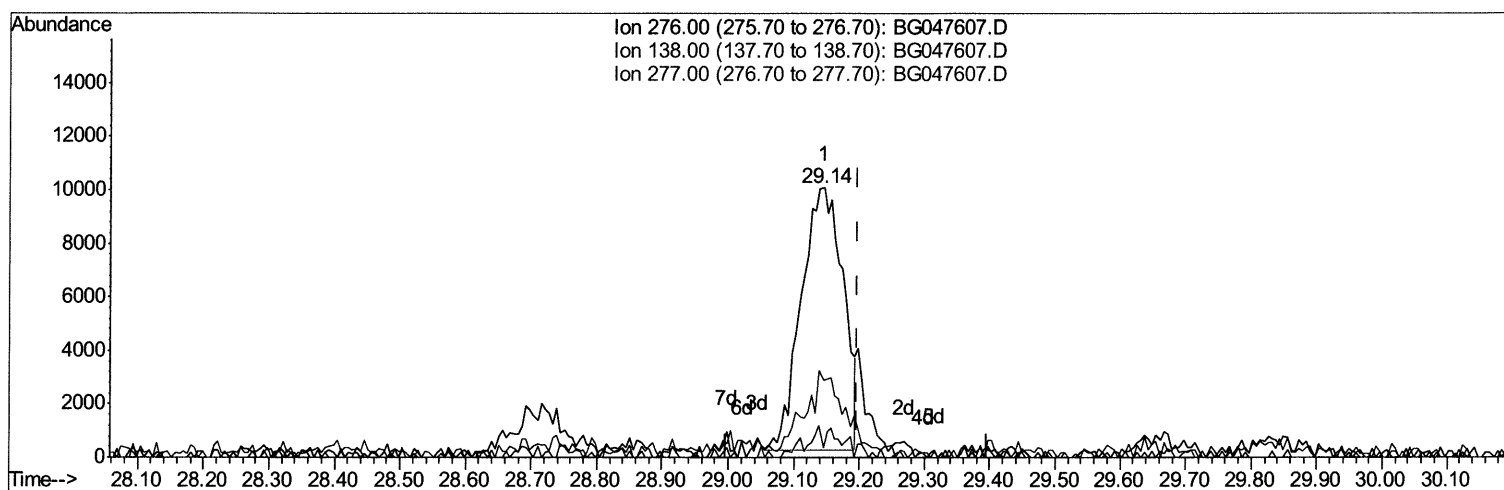
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047607.D
Acq On : 5 Dec 2020 15:54
Operator : CG/JU
Sample : L4859-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B94

Manual Integrations
APPROVED

mohammad
12/7/2020 2:01:29 PM

Quant Time: Dec 07 05:55:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration



TIC: BG047607.D

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

29.145min (-0.052) 2.24ng/ul

response 43179

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	5.49#
277.00	24.90	28.70
0.00	0.00	0.00

Quantitation Report (Qedit)

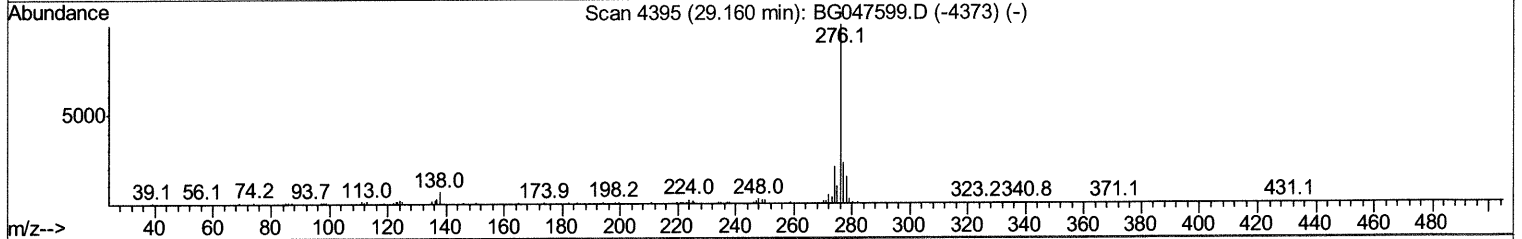
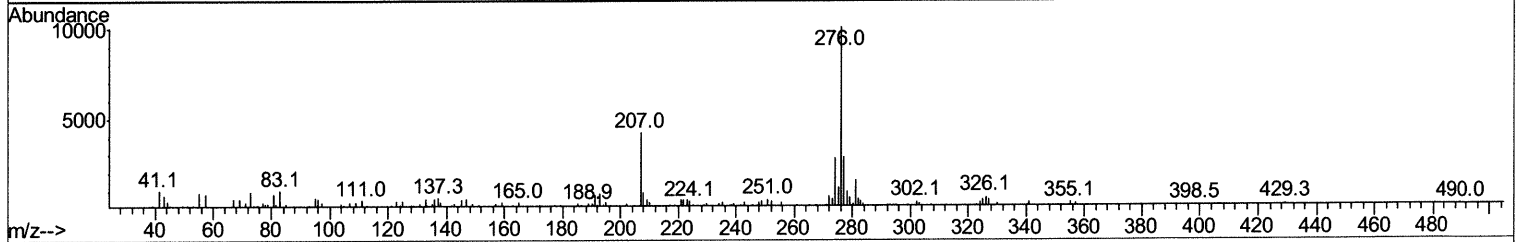
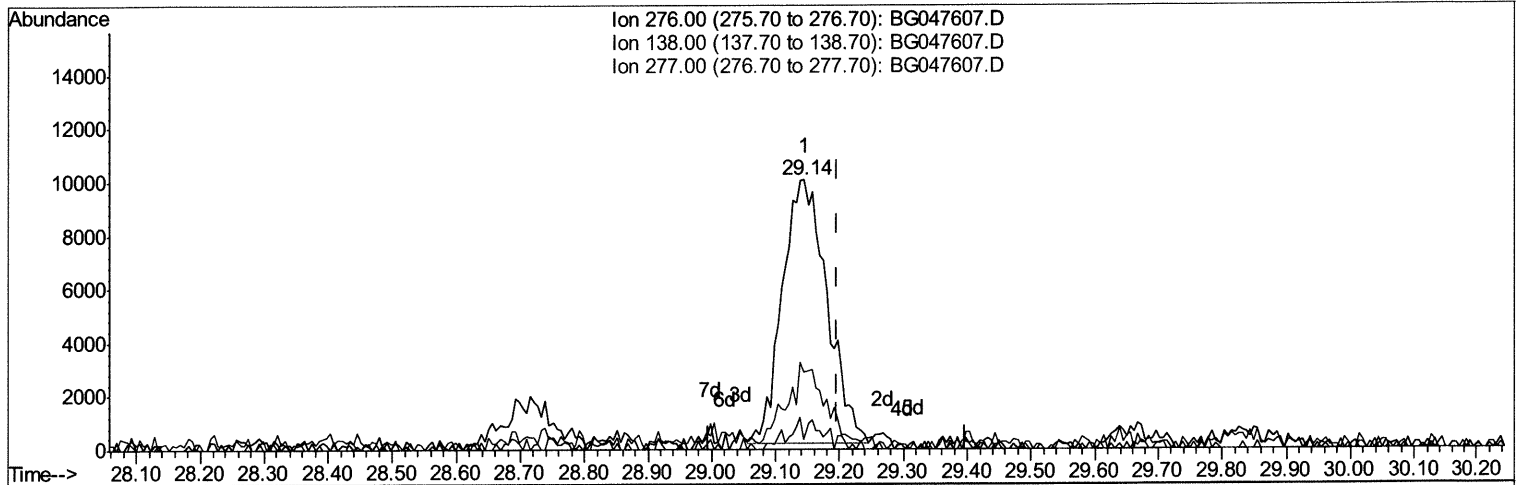
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047607.D
 Acq On : 5 Dec 2020 15:54
 Operator : CG/JU
 Sample : L4859-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B94

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:01:29 PM

Quant Time: Dec 07 05:55:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration



TIC: BG047607.D

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

29.145min (-0.052) 2.49ng/ul m 12/07/2024

response 47991

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	3.71#
277.00	24.90	28.70
0.00	0.00	0.00

Quantitation Report (Qedit)

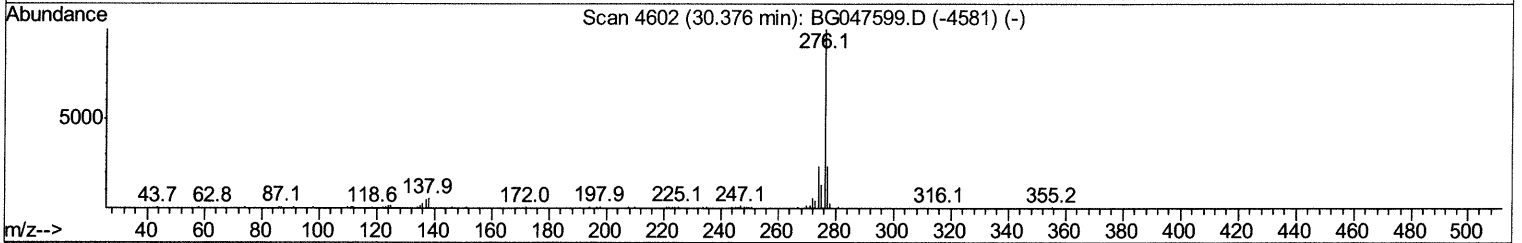
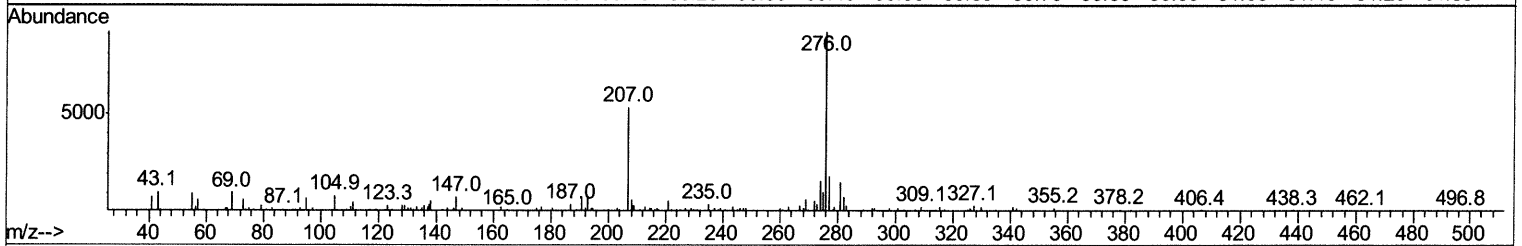
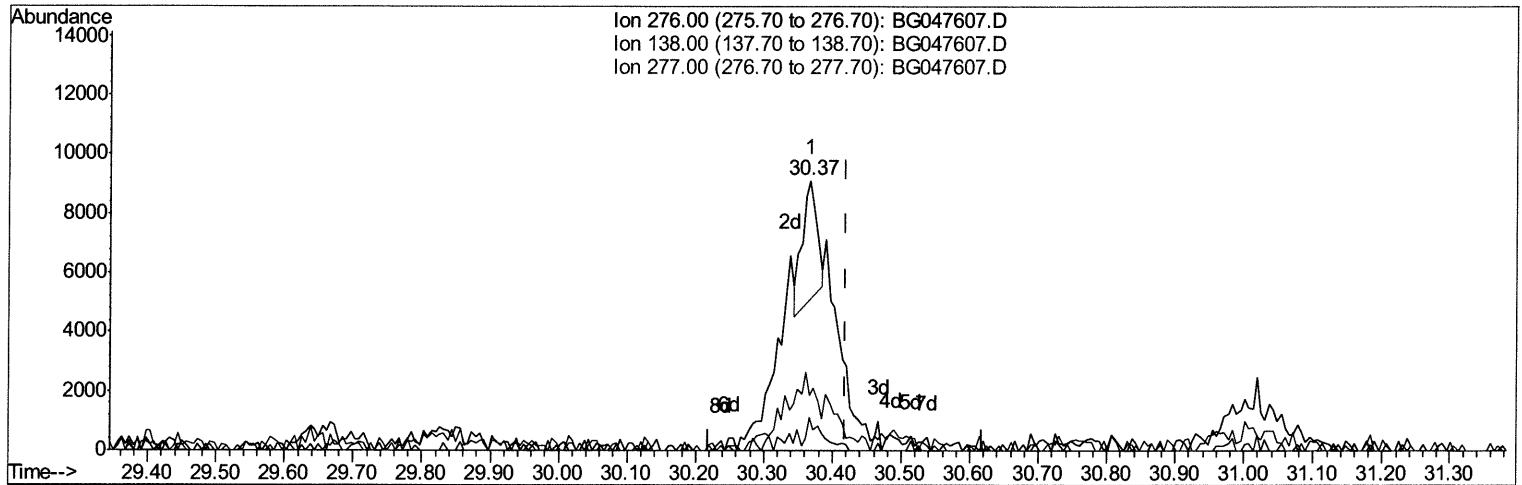
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047607.D
Acq On : 5 Dec 2020 15:54
Operator : CG/JU
Sample : L4859-04
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B94

Manual Integrations
APPROVED

mohammad
12/7/2020 2:01:29 PM

Quant Time: Dec 07 05:55:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration



TIC: BG047607.D

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

30.367min (-0.052) 0.39ng/ul

response 6179

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	12.09
277.00	21.90	20.58
0.00	0.00	0.00

Quantitation Report (Qedit)

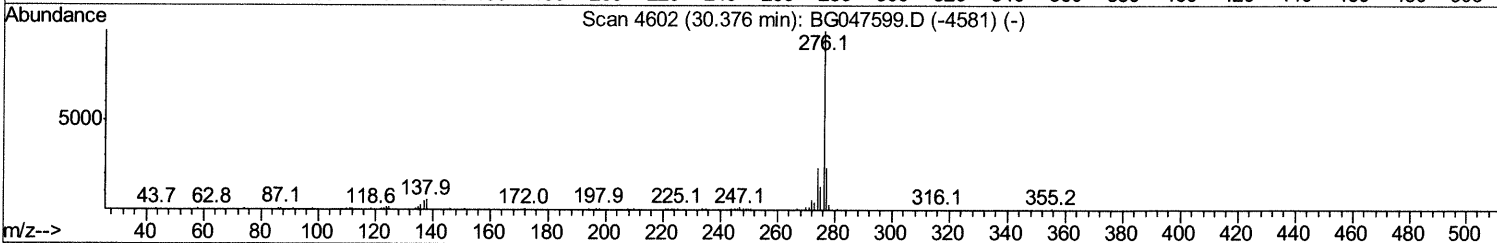
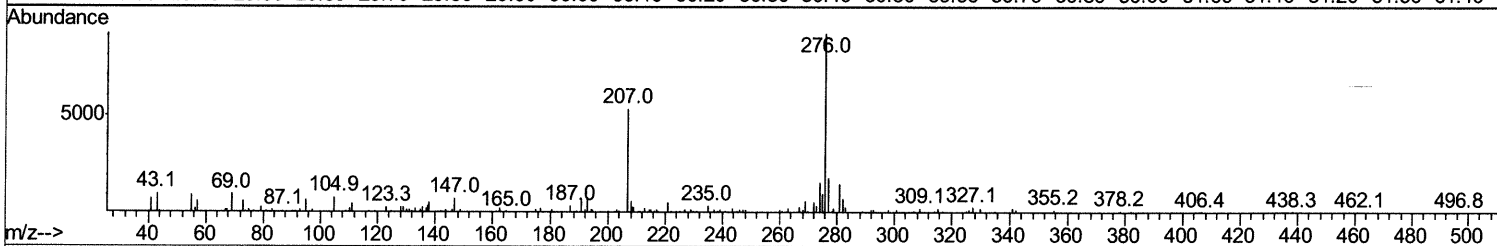
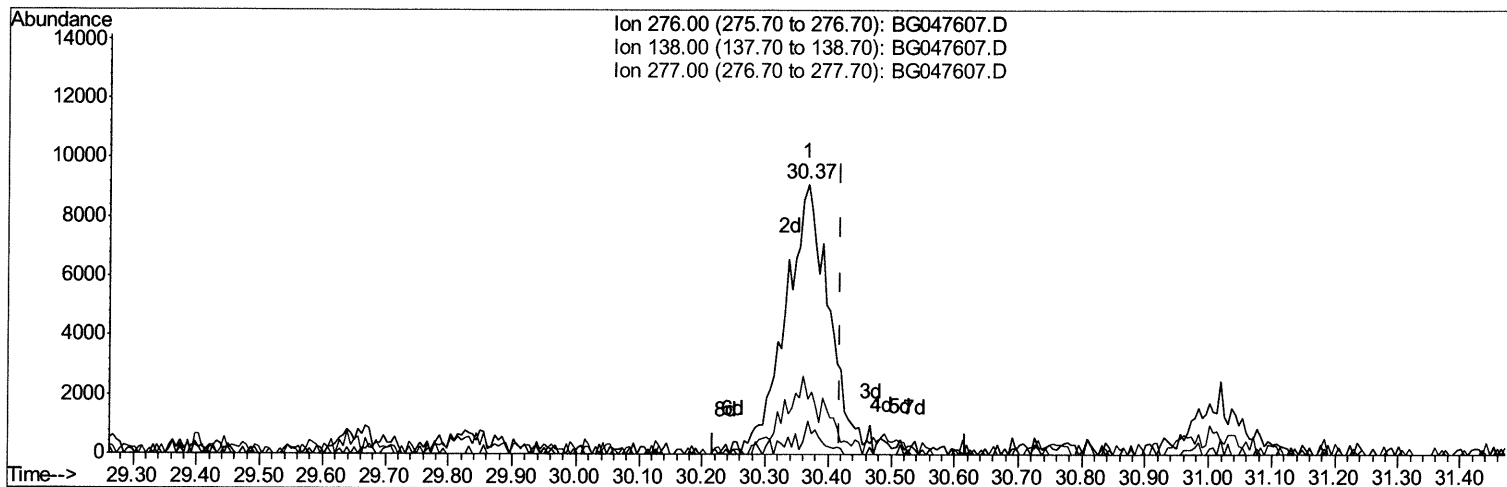
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047607.D
 Acq On : 5 Dec 2020 15:54
 Operator : CG/JU
 Sample : L4859-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B94

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:01:29 PM

Quant Time: Dec 07 05:55:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration



TIC: BG047607.D

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

30.367min (-0.052) 2.71ng/ul m (2/6/2020)

response 43141

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	6.78#
277.00	21.90	20.58
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047607.D
 Acq On : 5 Dec 2020 15:54
 Operator : CG/JU
 Sample : L4859-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B94

Manual Integrations
 APPROVED

mohammad
 12/7/2020 2:01:29 PM

Quant Time: Dec 07 05:59:11 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Dec 07 05:06:33 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	38022	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	147053	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.86	164	113656	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	275868	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	246822	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	251687	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	1365m>	1.31	ng/uL>	-0.03	12/07/2020
5) Phenol-d5	7.38	99	29704	7.79	ng/ul	-0.02	
7) Bis-(2-Chloroethyl)ether-d	7.56	67	14973	6.88	ng/ul	-0.02	
9) 2-Chlorophenol-d4	7.78	132	21954	8.58	ng/ul	-0.02	
13) 4-Methylphenol-d8	8.94	113	16794	5.73	ng/ul	-0.02	
19) Nitrobenzene-d5	9.42	128	10774	8.87	ng/ul	-0.02	
22) 2-Nitrophenol-d4	10.15	143	14700	11.09	ng/ul	-0.02	
26) 2,4-Dichlorophenol-d3	10.68	165	29311	9.66	ng/ul	-0.03	
29) 4-Chloroaniline-d4	11.21	131	11738	3.82	ng/ul	-0.01	
44) Dimethylphthalate-d6	14.26	166	91270	9.35	ng/ul	-0.02	
47) Acenaphthylene-d8	14.56	160	108257	9.60	ng/ul	-0.02	
52) 4-Nitrophenol-d4	15.03	143	10188	6.84	ng/ul	0.00	
58) Fluorene-d10	15.85	176	85055	9.52	ng/ul	-0.02	
63) 4,6-Dinitro-2-methylphenol	15.95	200	14242	9.07	ng/ul	-0.02	
71) Anthracene-d10	17.70	188	130484	9.53	ng/ul	-0.02	
79) Pyrene-d10	19.96	212	148157	10.32	ng/ul	-0.02	
90) Benzo(a)pyrene-d12	25.03	264	142735	9.85	ng/ul	-0.03	

Target Compounds

					Ovalue	
6) Phenol	7.41	94	7629	2.088	ng/ul	92
45) Dimethylphthalate	14.30	163	30262	3.041	ng/ul#	96
70) Phenanthrene	17.64	178	44041	2.956	ng/ul	95
77) Fluoranthene	19.63	202	148817	7.910	ng/ul#	98
80) Pyrene	19.99	202	122978	7.034	ng/ul#	92
83) Benzo(a)anthracene	21.86	228	82276	4.685	ng/ul	95
85) Chrysene	21.92	228	71440	4.275	ng/ul	94
88) Benzo(b)fluoranthene	24.19	252	106098	5.970	ng/ul	98
89) Benzo(k)fluoranthene	24.25	252	40380m>	2.306	ng/ul>	12/07/2020
91) Benzo(a)pyrene	25.11	252	70146	4.428	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.14	276	47991m>	2.491	ng/ul	
94) Benzo(a,h,i)perylene	30.37	276	43141m>	2.713	ng/ul	12/07/2020

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