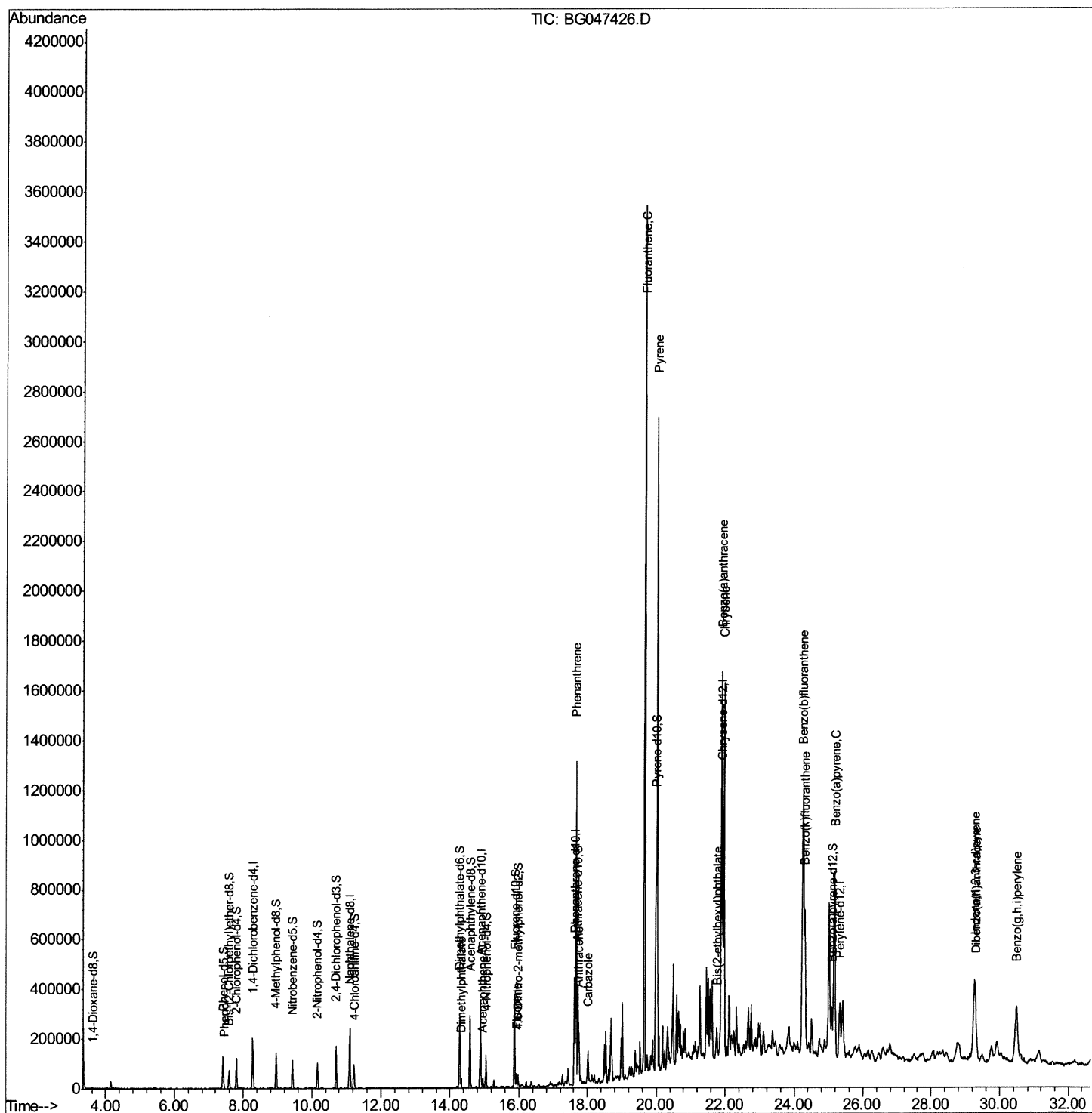


Instrument :
BNA_G
ClientSampleId :
C0B71

mohammad
11/25/2020 12:47:25 PM

Quant Time: Nov 24 02:22:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

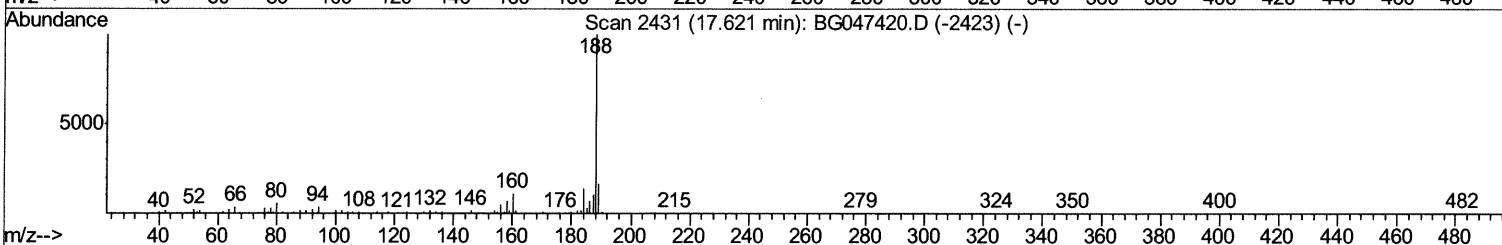
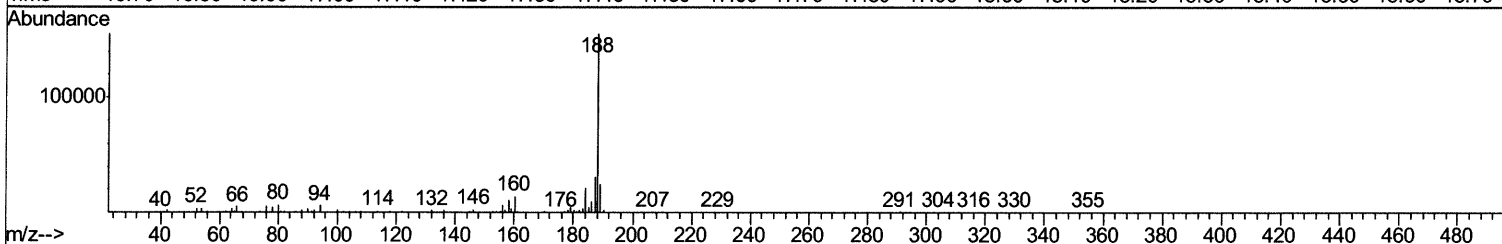
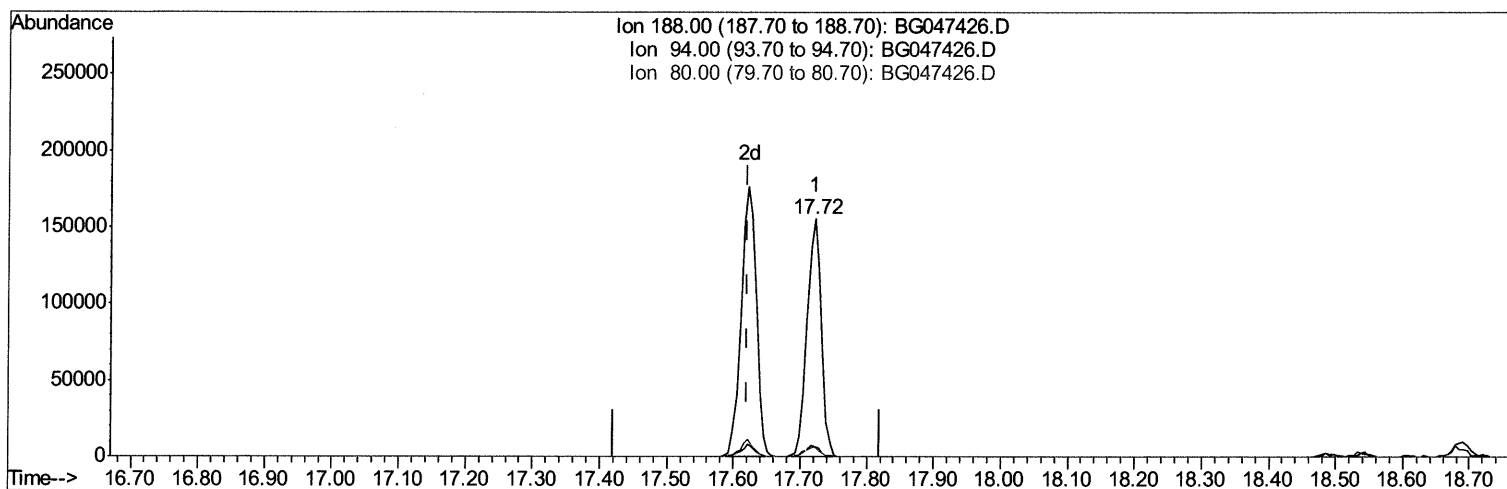
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047426.D
Acq On : 24 Nov 2020 00:25
Operator : CG/JU
Sample : L4749-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B71

Manual Integrations
APPROVED

mohammad
11/25/2020 12:47:25 PM

Quant Time: Nov 24 02:10:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration



TIC: BG047426.D

(62) Phenanthrene-d10 (I)

17.721min (+0.101) 20.00ng/ul

response 231842

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	3.89
80.00	5.30	4.35
0.00	0.00	0.00

Quantitation Report (Qedit)

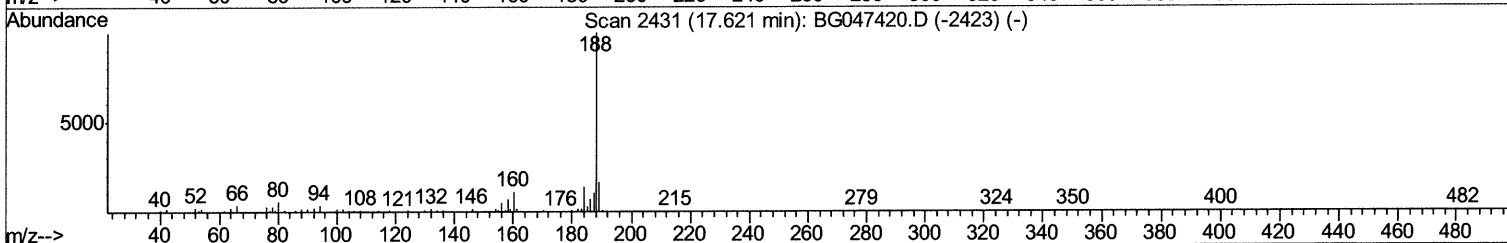
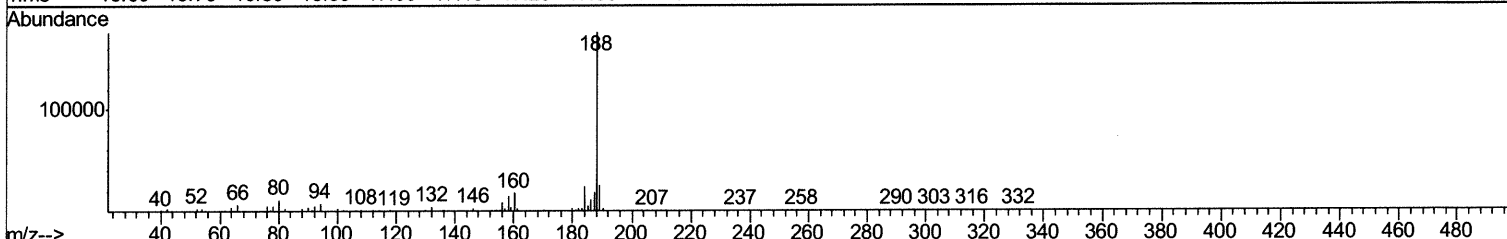
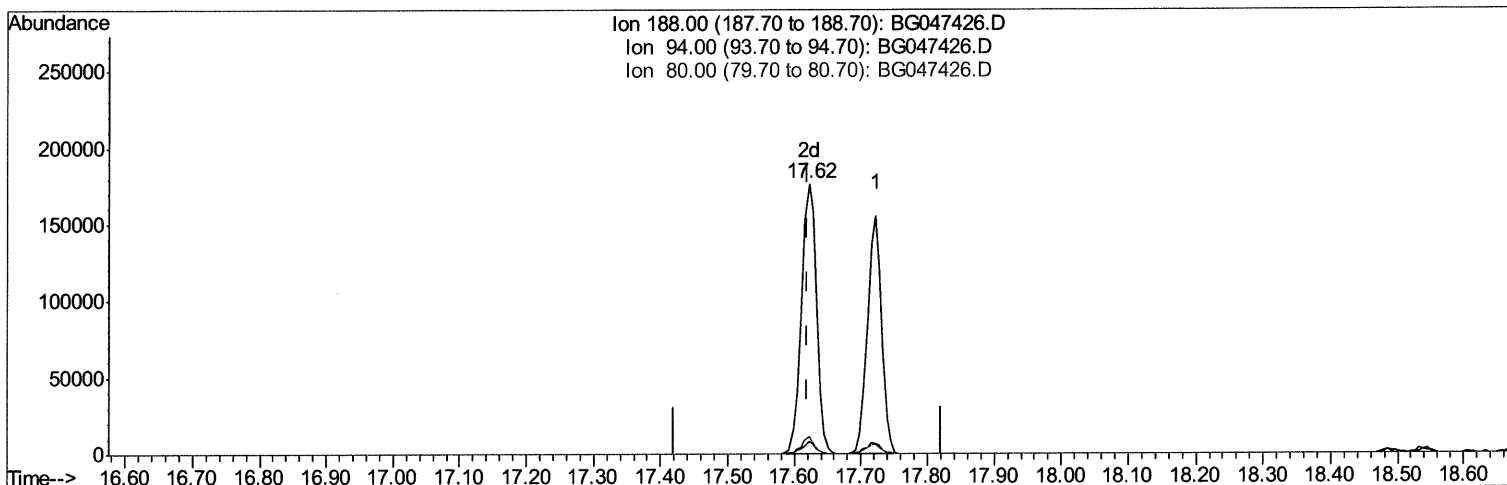
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047426.D
 Acq On : 24 Nov 2020 00:25
 Operator : CG/JU
 Sample : L4749-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B71

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:47:25 PM

Quant Time: Nov 24 02:10:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 24 00:48:19 2020
 Response via : Initial Calibration



TIC: BG047426.D

(62) Phenanthrene-d10 (I)

17.622min (+0.001) 20.00ng/ul m

11/25/20 JU

response 278180

Ion	Exp%	Act%
188.00	100	100
94.00	4.60	4.43
80.00	5.30	6.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

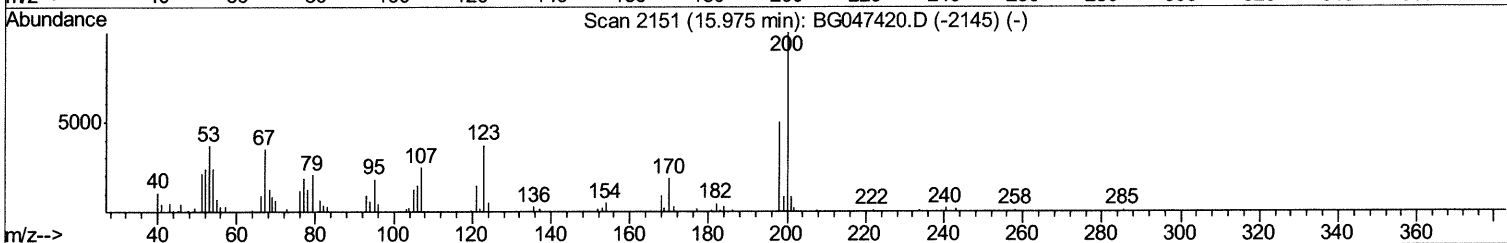
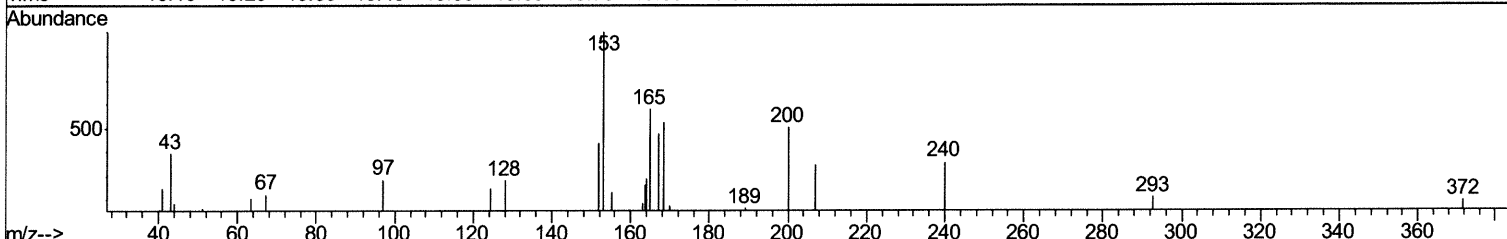
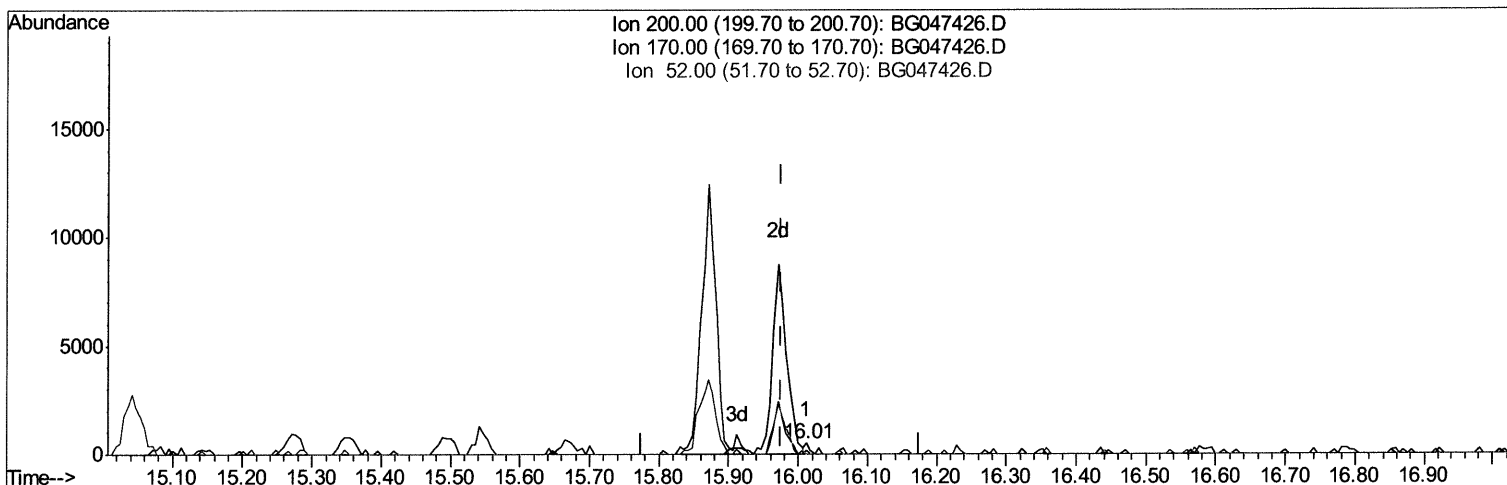
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047426.D
 Acq On : 24 Nov 2020 00:25
 Operator : CG/JU
 Sample : L4749-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B71

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:47:25 PM

Quant Time: Nov 24 02:16:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 24 00:48:19 2020
 Response via : Initial Calibration



TIC: BG047426.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

16.012min (+0.037) 0.15ng/ul

response 239

Ion	Exp%	Act%
200.00	100	100
170.00	18.20	35.46#
52.00	39.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

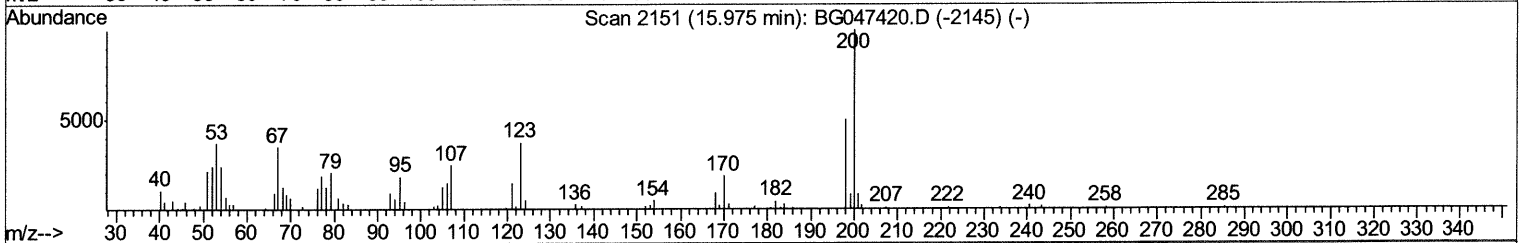
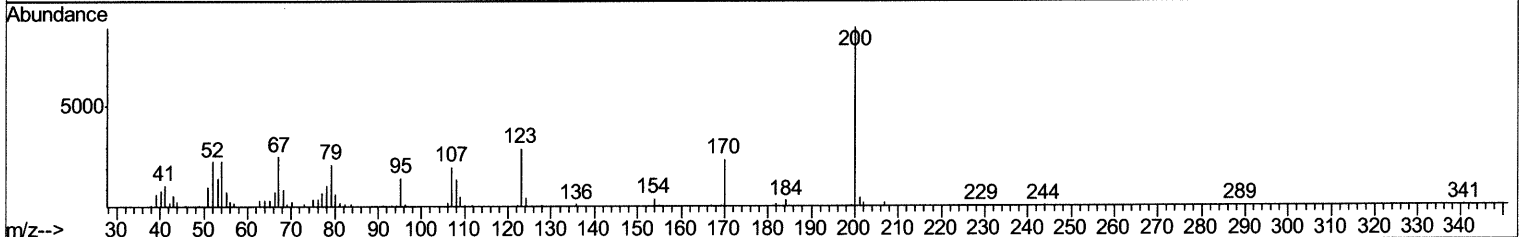
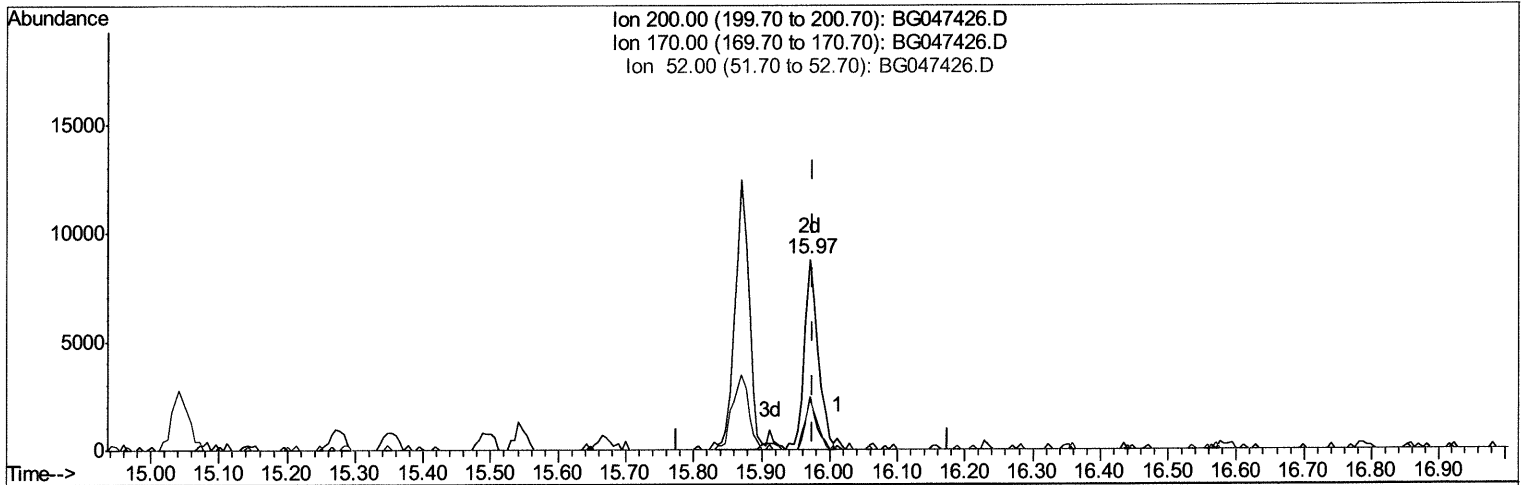
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047426.D
 Acq On : 24 Nov 2020 00:25
 Operator : CG/JU
 Sample : L4749-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B71

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:47:25 PM

Quant Time: Nov 24 02:16:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 24 00:48:19 2020
 Response via : Initial Calibration



TIC: BG047426.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.971min (-0.005) 7.81ng/ul m

11/25/20 JU

response 12367

Ion	Exp%	Act%
200.00	100	100
170.00	18.20	27.65#
52.00	39.70	26.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

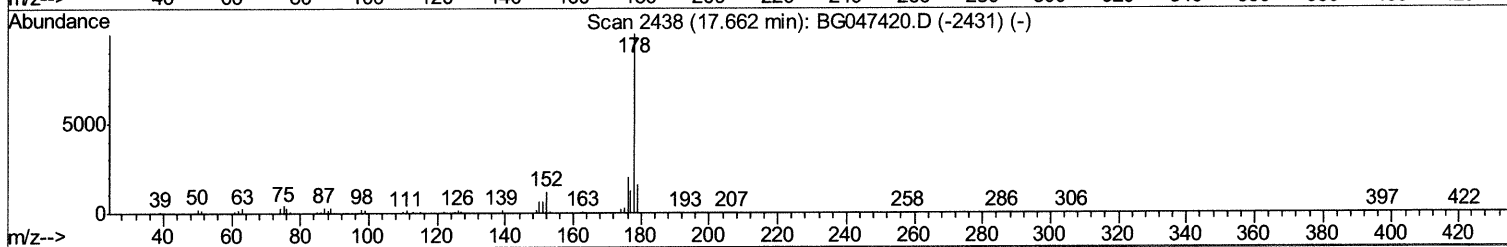
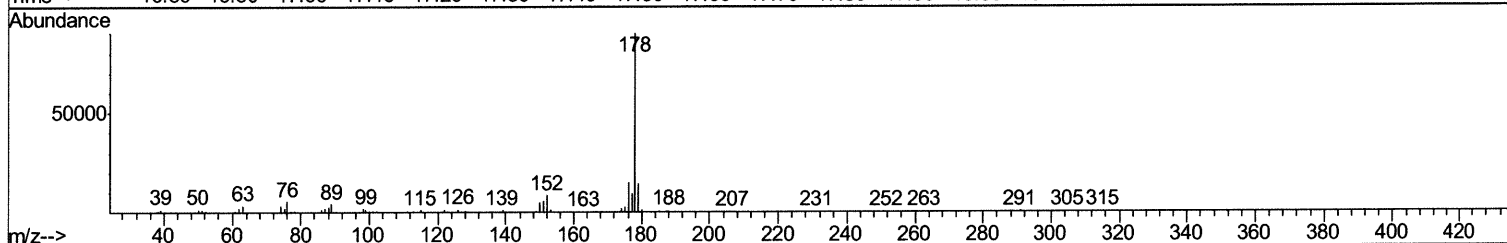
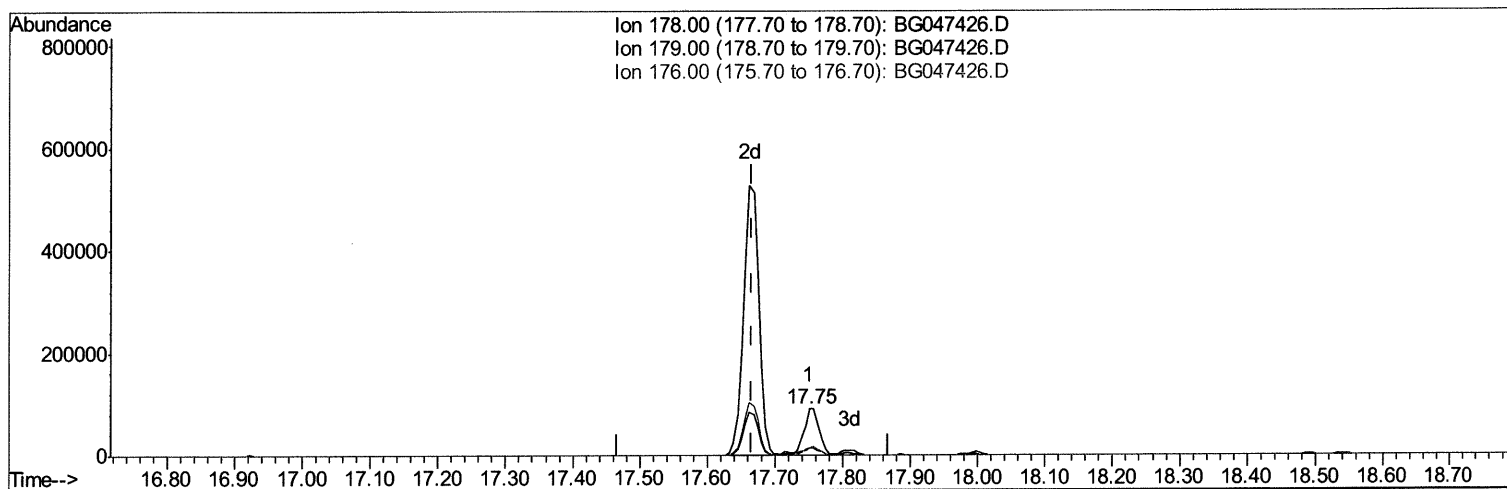
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047426.D
Acq On : 24 Nov 2020 00:25
Operator : CG/JU
Sample : L4749-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B71

Manual Integrations
APPROVED

mohammad
11/25/2020 12:47:25 PM

Quant Time: Nov 24 02:18:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration



(70) Phenanthrene

17.751min (+0.084) 9.14ng/ul

response 137356

Ion	Exp%	Act%
178.00	100	100
179.00	14.70	16.06
176.00	17.40	16.57
0.00	0.00	0.00

Quantitation Report (Qedit)

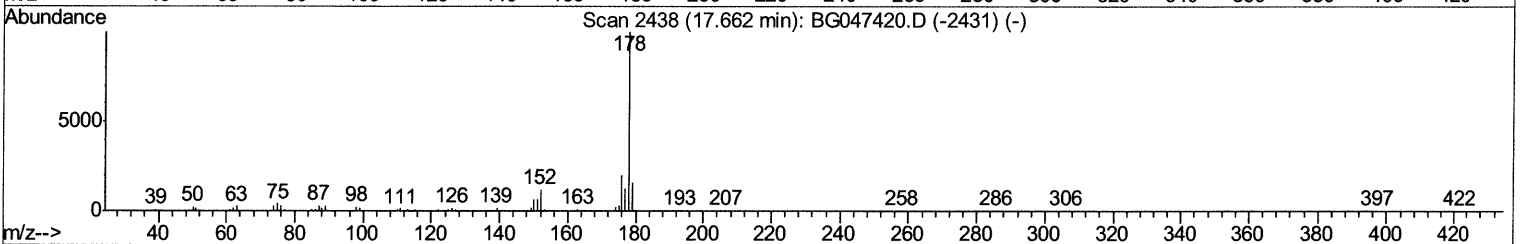
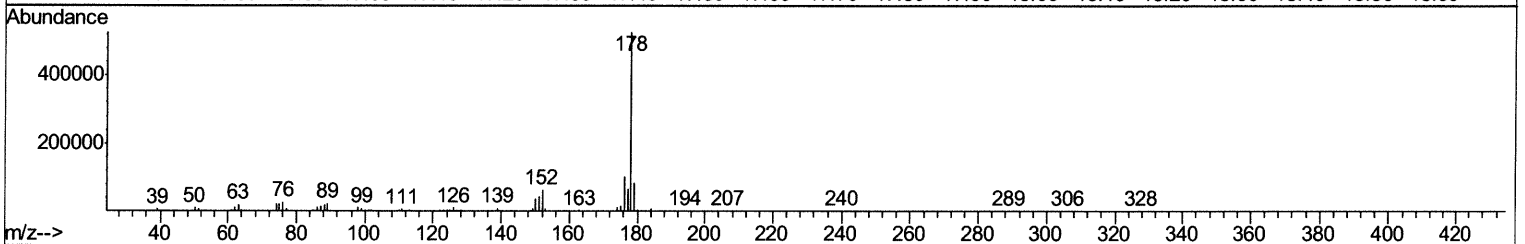
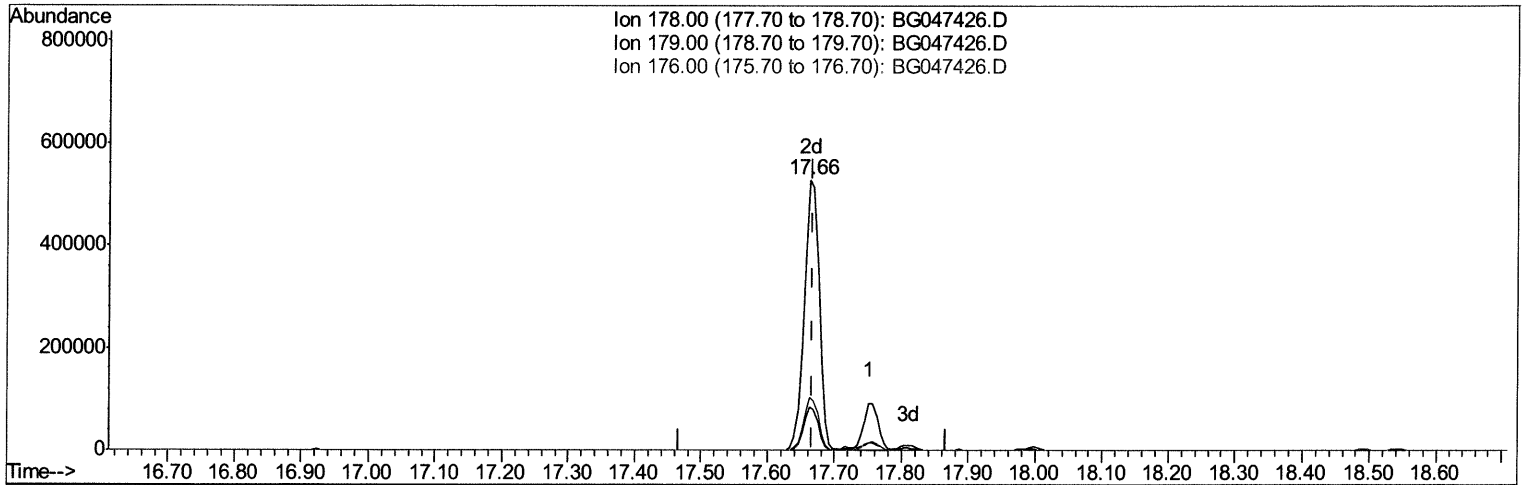
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047426.D
 Acq On : 24 Nov 2020 00:25
 Operator : CG/JU
 Sample : L4749-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0B71

Manual Integrations
APPROVED

mohammad
 11/25/2020 12:47:25 PM

Quant Time: Nov 24 02:18:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 24 00:48:19 2020
 Response via : Initial Calibration



TIC: BG047426.D

(70) Phenanthrene

17.663min (-0.005) 54.54ng/ul m 11/25/2024

response 819344

Ion	Exp%	Act%
178.00	100	100
179.00	14.70	15.97
176.00	17.40	19.44
0.00	0.00	0.00

Quantitation Report (Qedit)

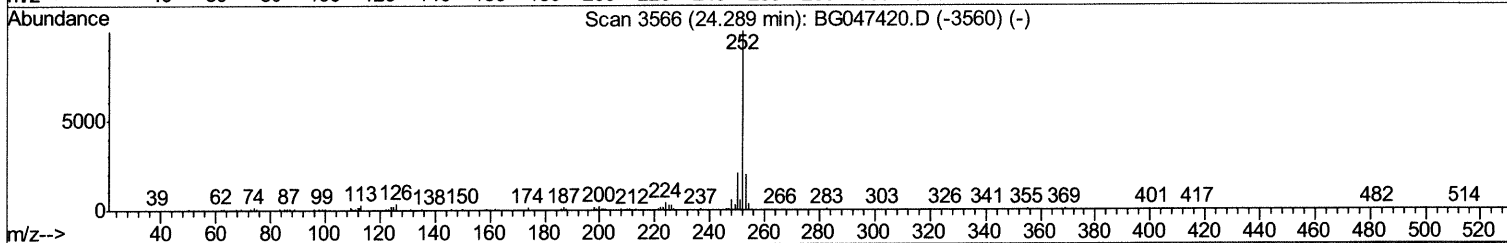
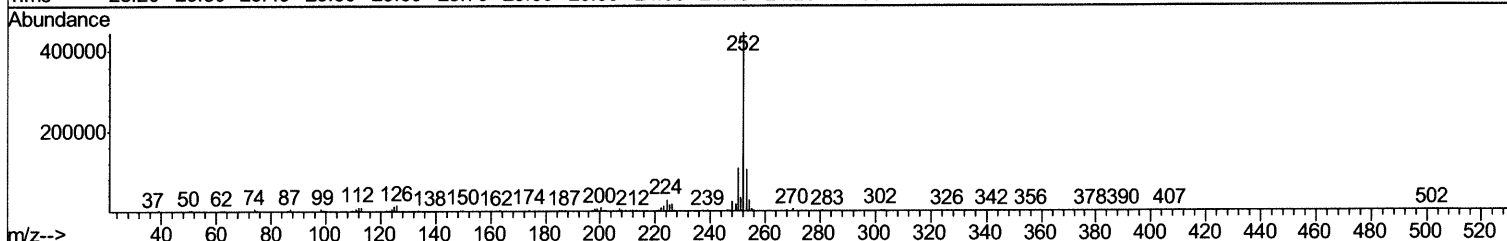
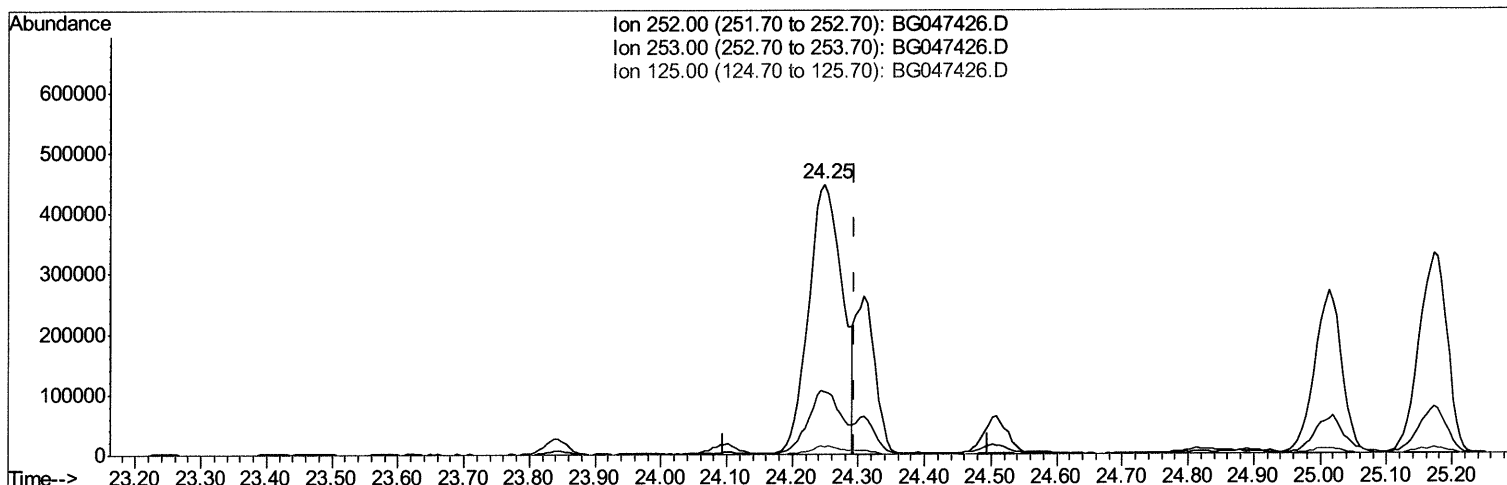
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047426.D
 Acq On : 24 Nov 2020 00:25
 Operator : CG/JU
 Sample : L4749-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B71

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:47:25 PM

Quant Time: Nov 24 02:18:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 24 00:48:19 2020
 Response via : Initial Calibration



TIC: BG047426.D

(89) Benzo(k)fluoranthene
 24.249min (-0.046) 89.32ng/ul
 response 1605404

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.25
125.00	2.70	2.72
0.00	0.00	0.00

Quantitation Report (Qedit)

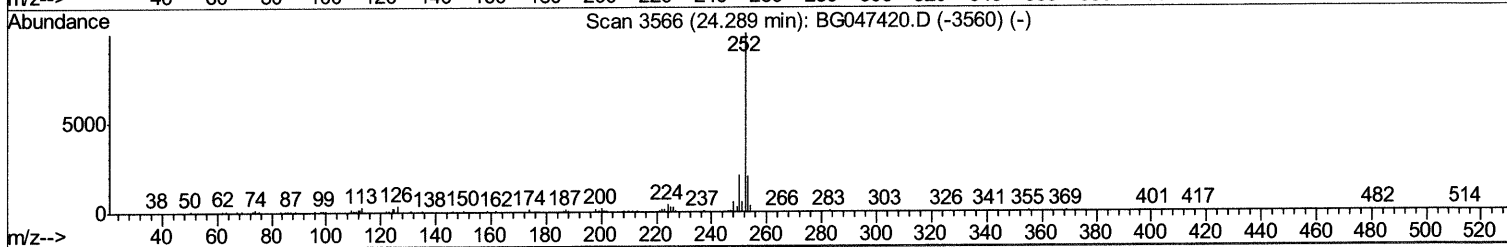
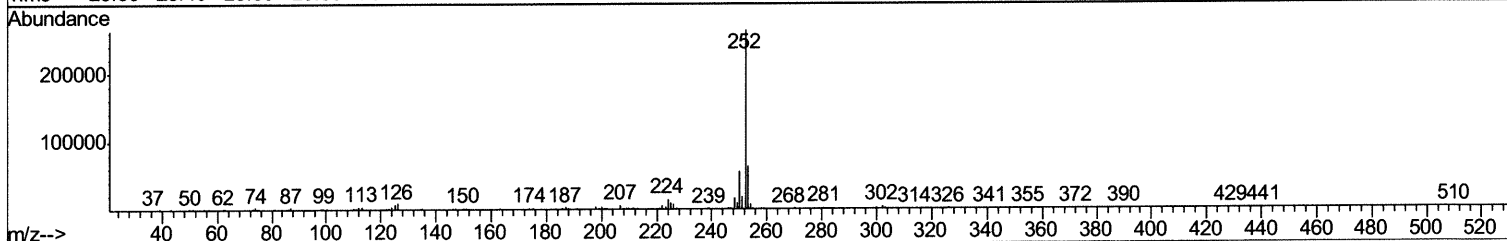
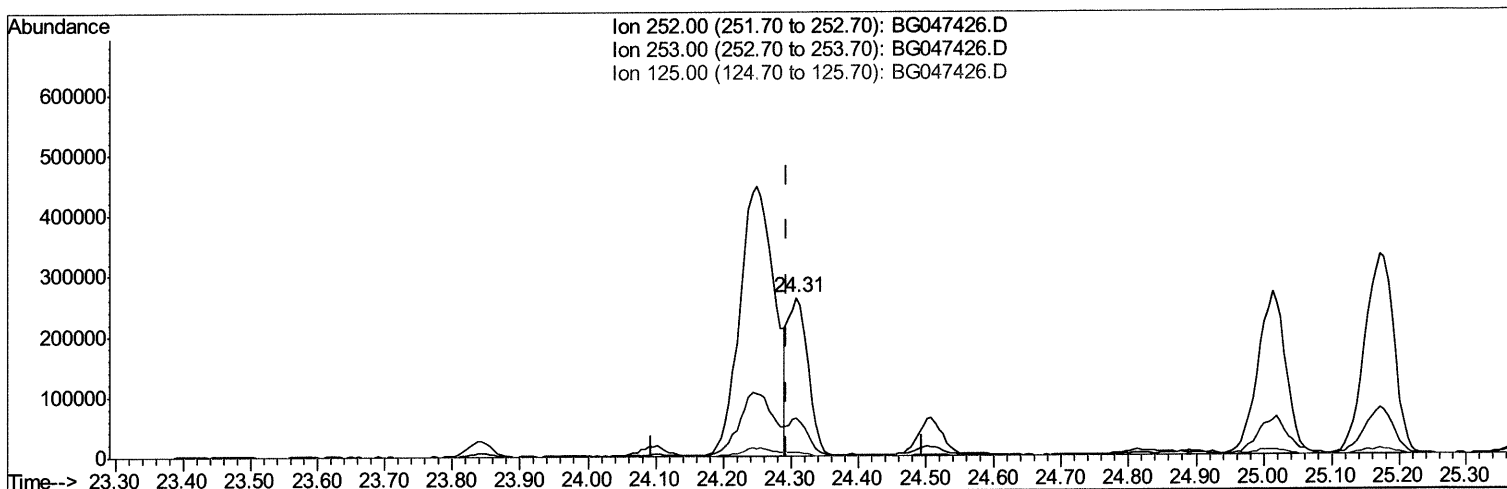
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047426.D
Acq On : 24 Nov 2020 00:25
Operator : CG/JU
Sample : L4749-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0B71

Manual Integrations
APPROVED

mohammad
11/25/2020 12:47:25 PM

Quant Time: Nov 24 02:18:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration



TIC: BG047426.D

(89) Benzo(k)fluoranthene

24.308min (+0.013) 29.40ng/ul m

11/25/20 JU

response 528430

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	24.02
125.00	2.70	2.73
0.00	0.00	0.00

Quantitation Report (Qedit)

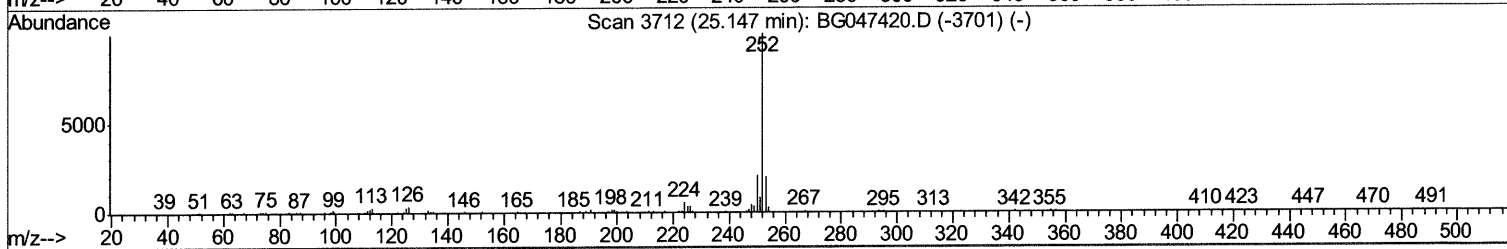
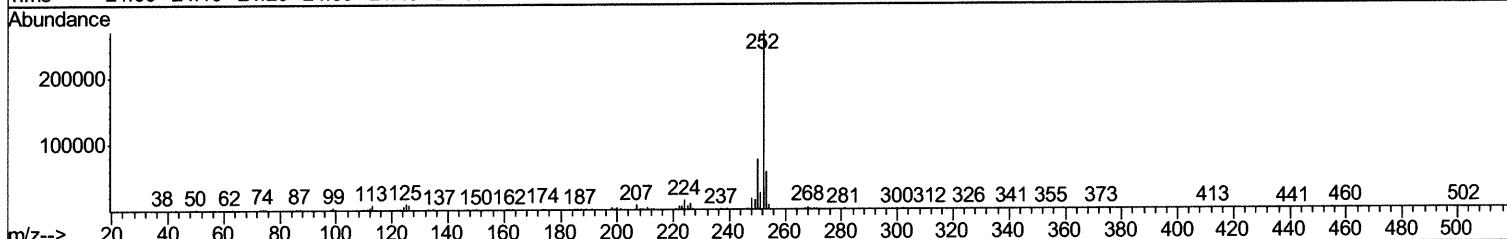
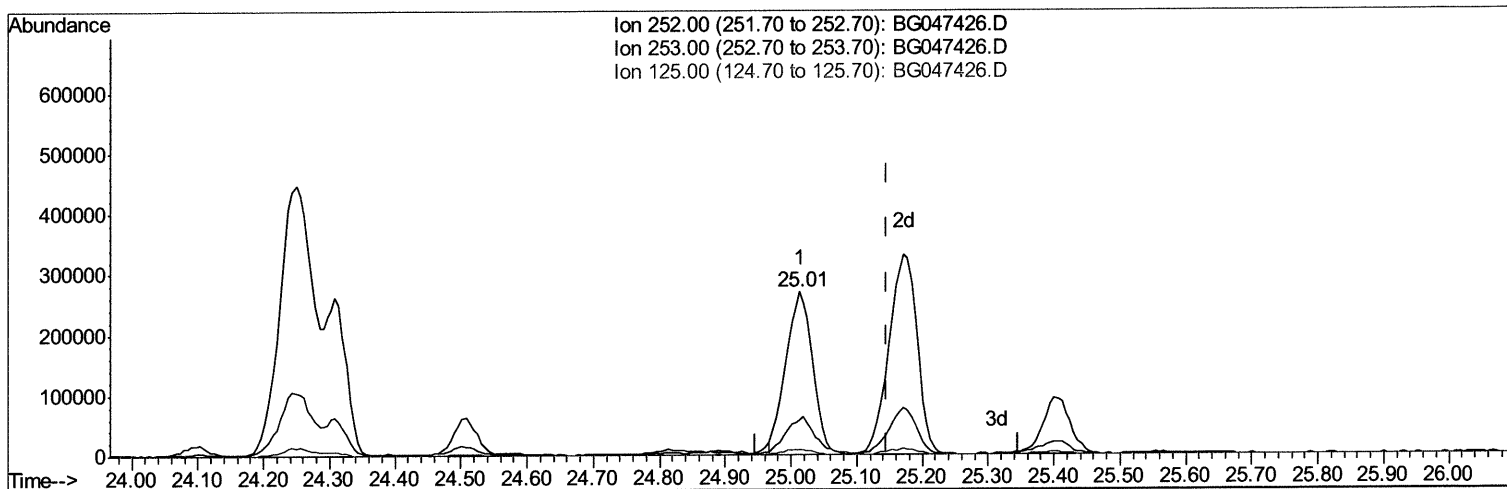
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047426.D
Acq On : 24 Nov 2020 00:25
Operator : CG/JU
Sample : L4749-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B71

Manual Integrations
APPROVED

mohammad
11/25/2020 12:47:25 PM

Quant Time: Nov 24 02:18:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration



TIC: BG047426.D

(91) Benzo(a)pyrene (C)

25.013min (-0.134) 46.51ng/ul

response 756193

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	21.46
125.00	3.90	3.40
0.00	0.00	0.00

Quantitation Report (Qedit)

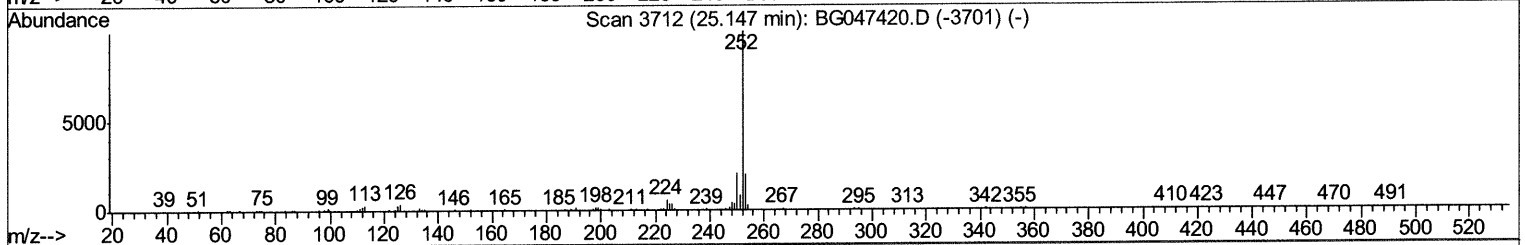
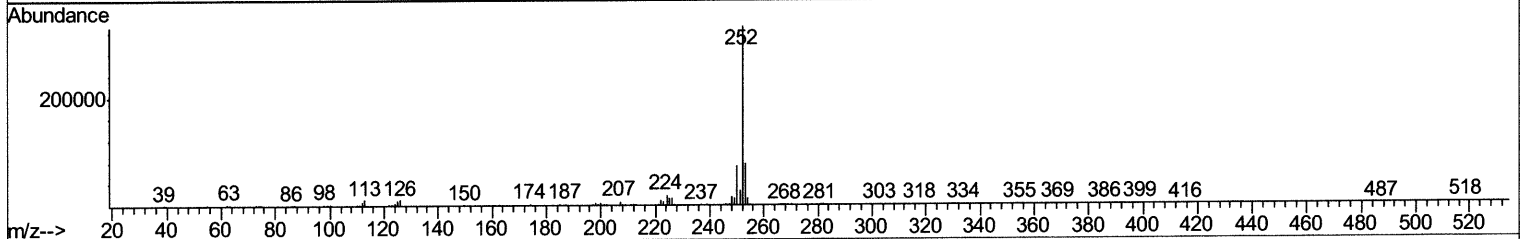
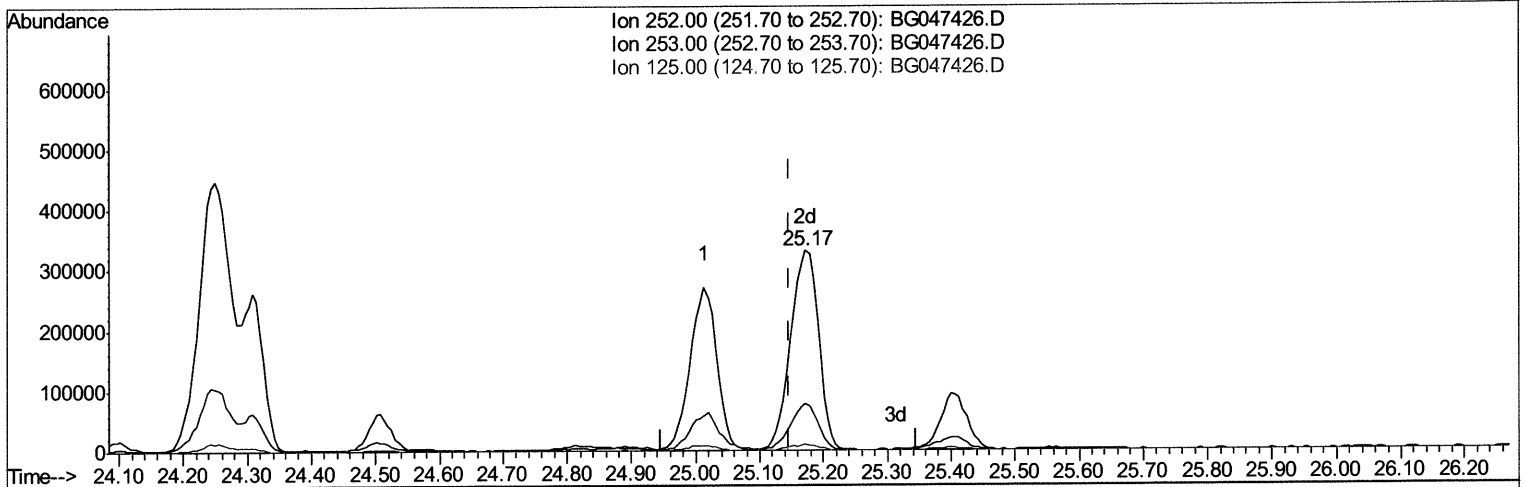
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047426.D
 Acq On : 24 Nov 2020 00:25
 Operator : CG/JU
 Sample : L4749-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B71

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:47:25 PM

Quant Time: Nov 24 02:18:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 24 00:48:19 2020
 Response via : Initial Calibration



TIC: BG047426.D

(91) Benzo(a)pyrene (C)

25.172min (+0.025) 61.39ng/ul m

11/25/20 54

response 998047

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	23.11
125.00	3.90	3.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

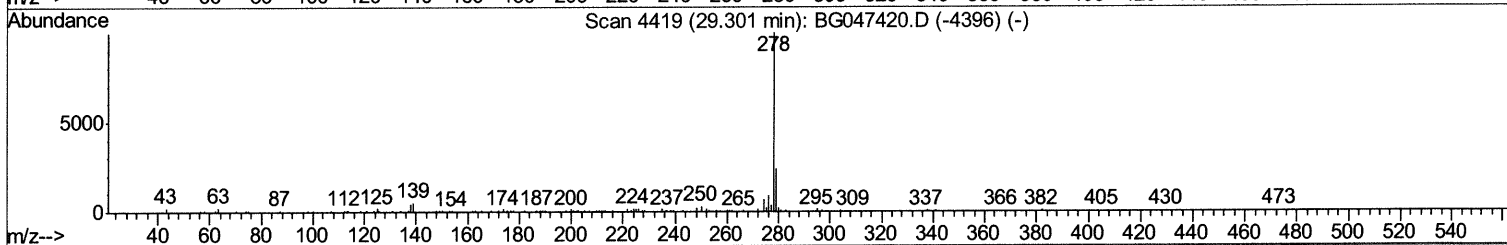
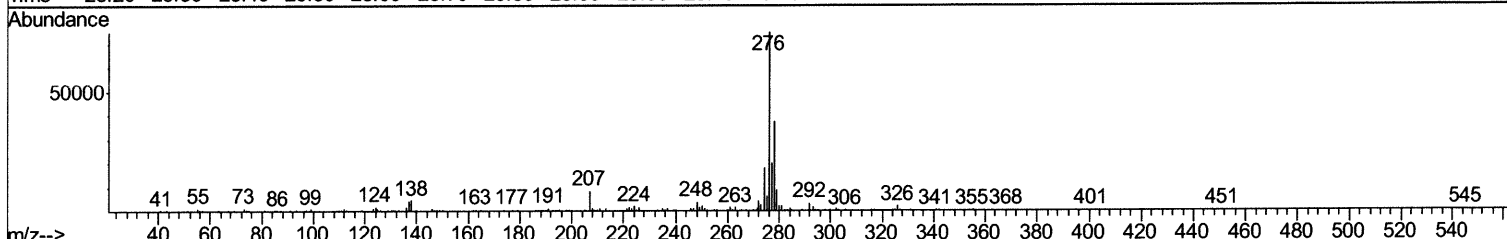
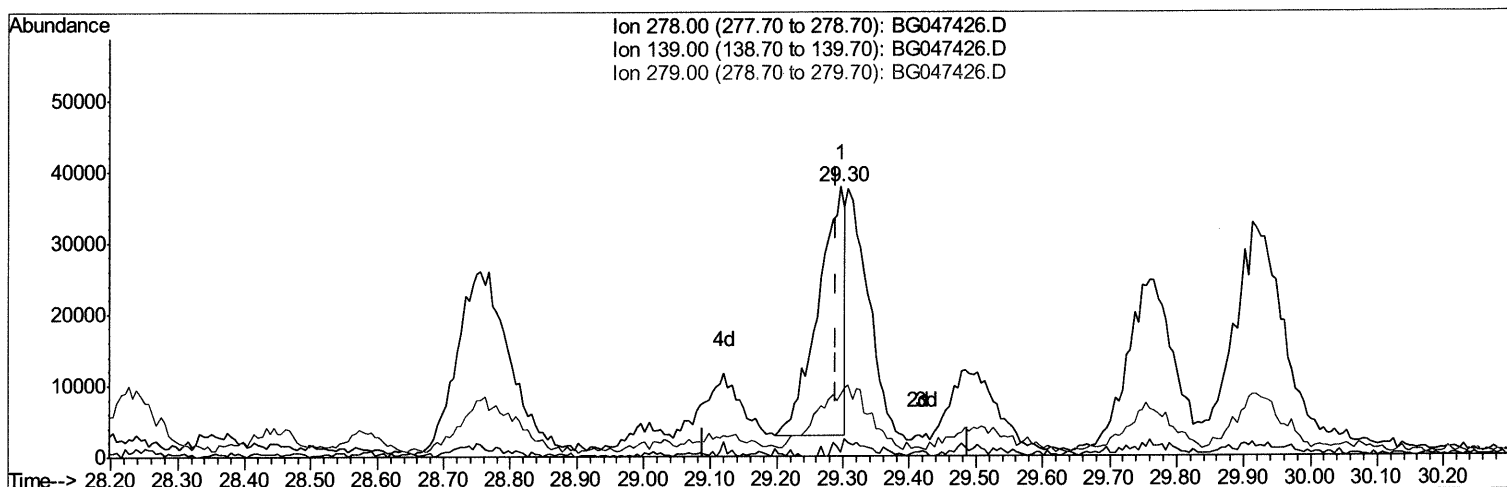
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047426.D
Acq On : 24 Nov 2020 00:25
Operator : CG/JU
Sample : L4749-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B71

Manual Integrations
APPROVED

mohammad
11/25/2020 12:47:25 PM

Quant Time: Nov 24 02:18:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration



TIC: BG047426.D

(93) Dibenzo(a,h)anthracene

29.296min (+0.007) 6.06ng/ul

response 98325

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	1.26#
279.00	22.70	22.96
0.00	0.00	0.00

Quantitation Report (Qedit)

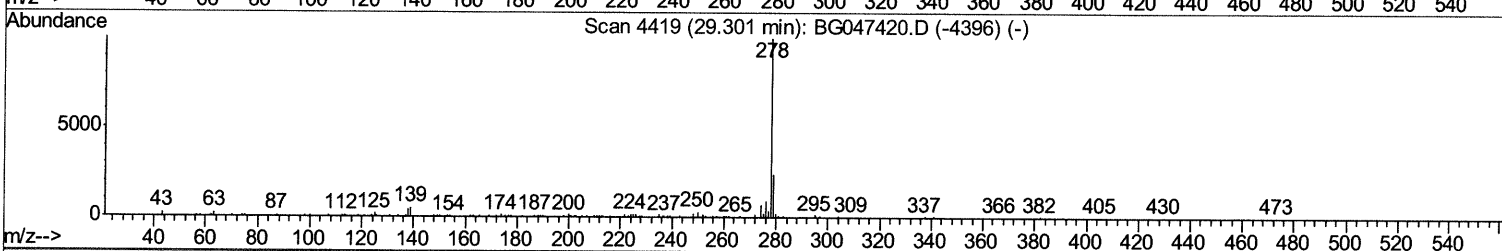
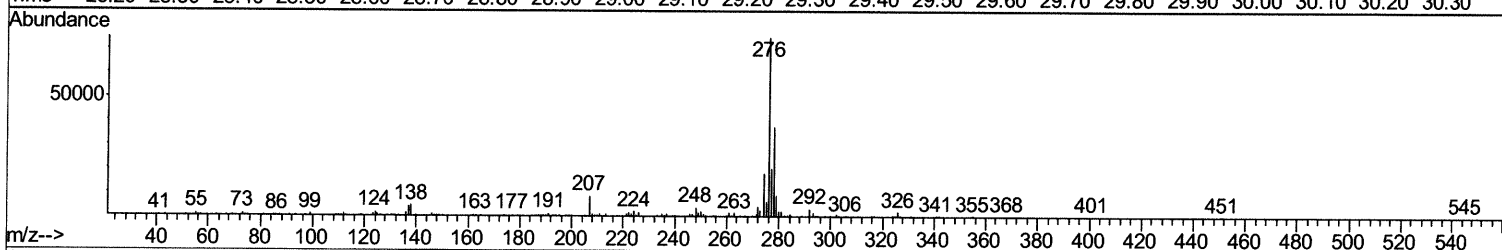
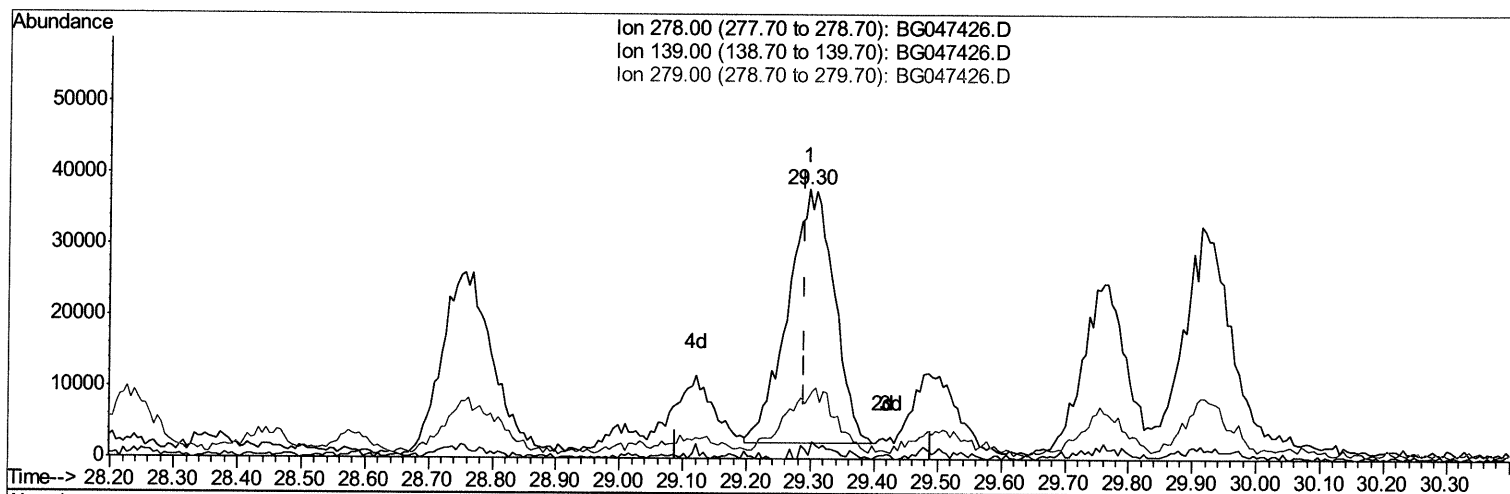
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047426.D
Acq On : 24 Nov 2020 00:25
Operator : CG/JU
Sample : L4749-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B71

Manual Integrations
APPROVED

mohammad
11/25/2020 12:47:25 PM

Quant Time: Nov 24 02:18:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration



TIC: BG047426.D

(93) Dibenzo(a,h)anthracene

29.296min (+0.007) 11.24ng/ul m

11/25/20 JV

response 182237

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	1.26#
279.00	22.70	22.96
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047426.D
 Acq On : 24 Nov 2020 00:25
 Operator : CG/JU
 Sample : L4749-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B71

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:47:25 PM

Quant Time: Nov 24 02:22:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 24 00:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	49051	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	187746	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	132579	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	278180m	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	231991	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	258315	20.00	ng/ul	0.00

11/25/20 JU

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1938	1.44	ng/uL	0.00
5) Phenol-d5	7.40	99	62447	12.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	33360	11.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	43409	13.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	46465	12.29	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	23306	15.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	26454	15.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	58328	15.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	44750	11.42	ng/ul	-0.01
44) Dimethylphthalate-d6	14.28	166	175911	15.46	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	207905	15.81	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	22191	12.78	ng/ul	0.00
58) Fluorene-d10	15.87	176	158932	15.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	12367m	7.81	ng/ul	0.00
71) Anthracene-d10	17.72	188	231842	16.80	ng/ul	0.00
79) Pyrene-d10	19.99	212	241279	17.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.10	264	248620	16.72	ng/ul	0.02

11/25/20 JU

Target Compounds

					Ovalue	
6) Phenol	7.44	94	8441	1.791	ng/ul#	73
45) Dimethylphthalate	14.33	163	23758	2.046	ng/ul	99
50) Acenaphthene	14.95	153	15603	1.820	ng/ul#	86
59) Fluorene	15.92	166	25325	2.387	ng/ul	88
70) Phenanthrene	17.66	178	819344m	54.542	ng/ul	11/25/20 JU
72) Anthracene	17.75	178	133837	8.847	ng/ul	95
75) Carbazole	18.02	167	76648	6.281	ng/ul	96
77) Fluoranthene	19.66	202	2252468	118.726	ng/ul	99
80) Pyrene	20.02	202	1816423	110.534	ng/ul	99
83) Benzo(a)anthracene	21.89	228	1049621	63.588	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.78	149	21152	2.629	ng/ul#	92
85) Chrysene	21.96	228	1190413	75.783	ng/ul	95
88) Benzo(b)fluoranthene	24.25	252	1605404	88.023	ng/ul	95
89) Benzo(k)fluoranthene	24.31	252	528430m	29.401	ng/ul	11/25/20 JU
91) Benzo(a)pyrene	25.17	252	998047m	61.386	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.26	276	718476	36.329	ng/ul	95
93) Dibenzo(a,h)anthracene	29.30	278	182237m	11.239	ng/ul	11/25/20 JU
94) Benzo(a,h,i)perylene	30.48	276	587356	35.993	ng/ul#	96

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