

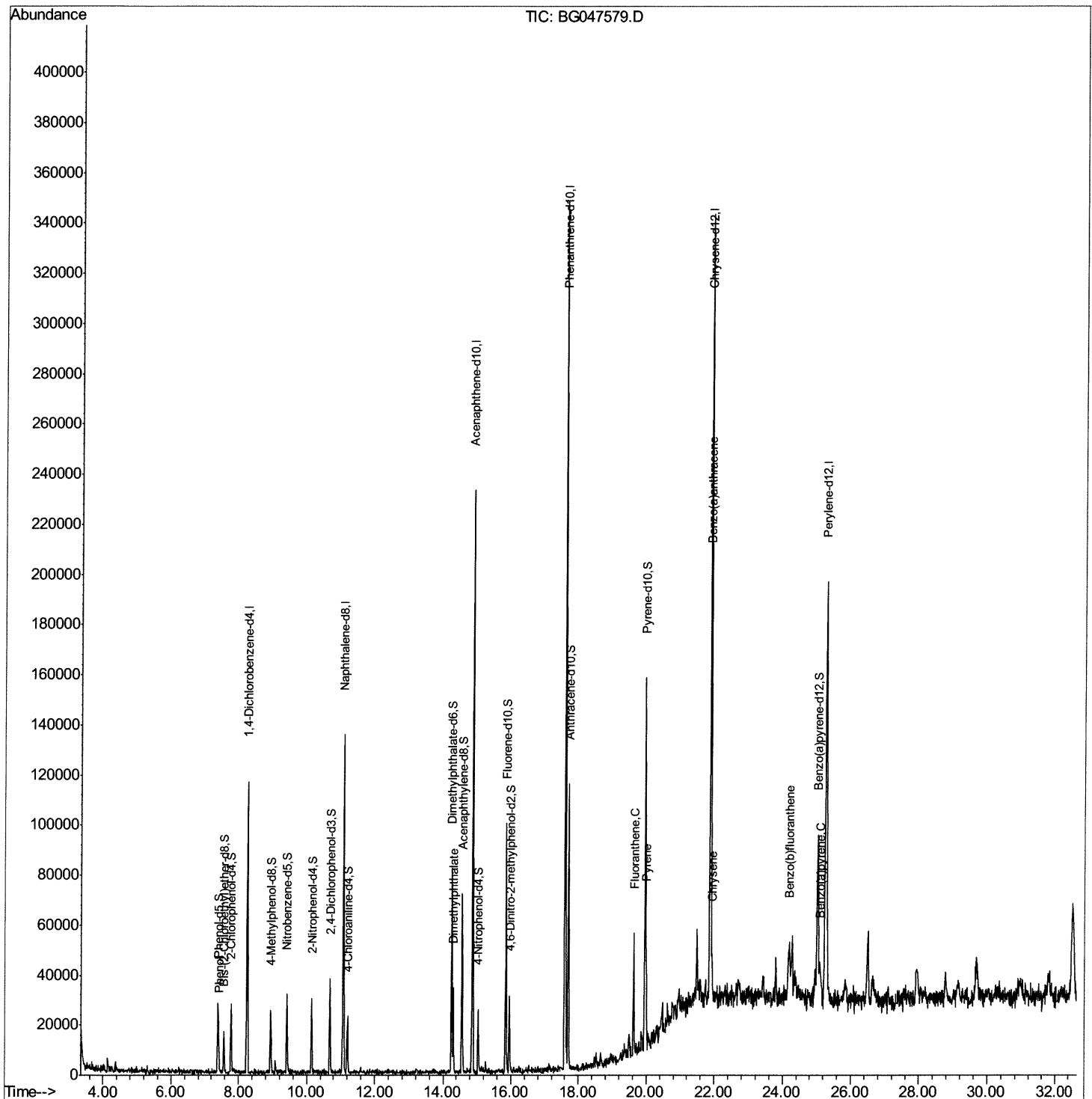
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047579.D
Acq On : 4 Dec 2020 20:38
Operator : CG/JU
Sample : L4859-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B27

Manual Integrations
APPROVED

mohammad
12/7/2020 1:59:59 PM

Quant Time: Dec 05 02:00:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 00:50:33 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

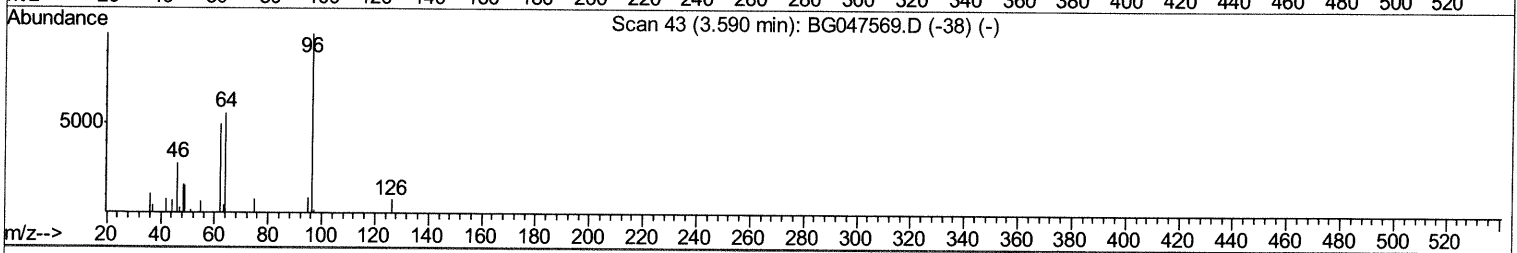
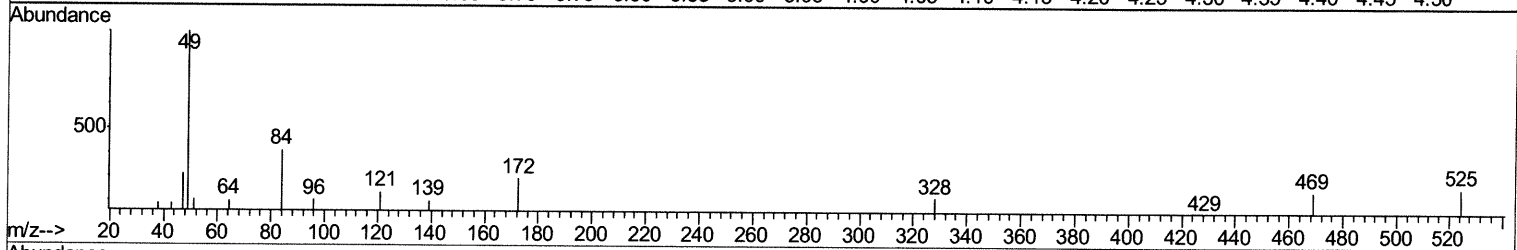
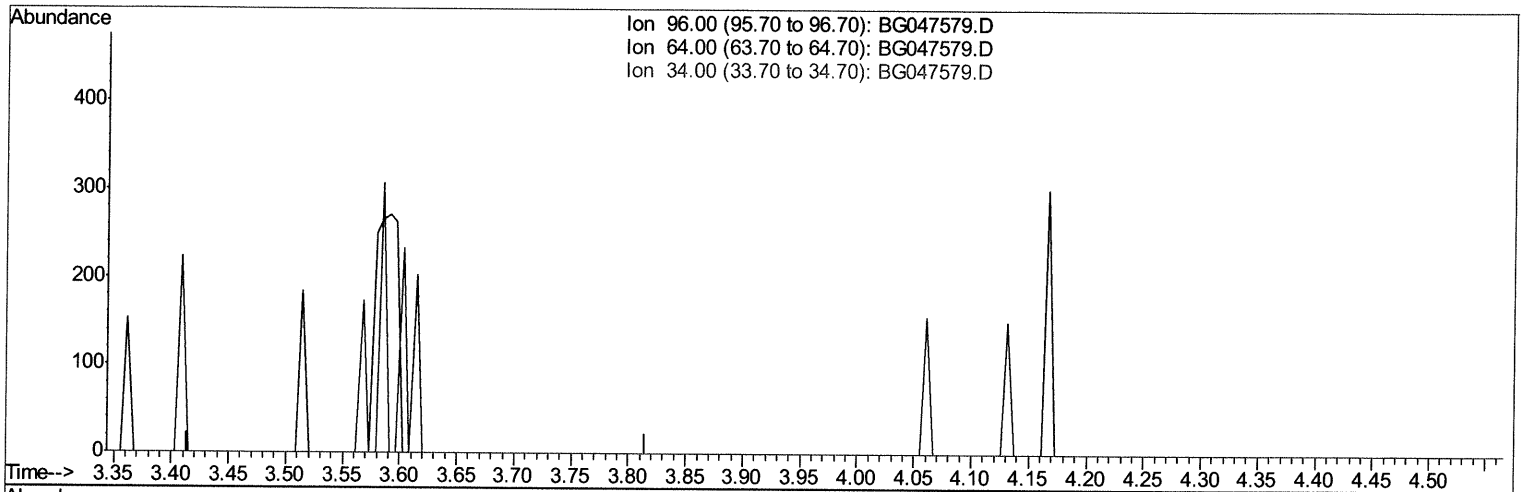
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047579.D
 Acq On : 4 Dec 2020 20:38
 Operator : CG/JU
 Sample : L4859-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B27

Manual Integrations
 APPROVED

mohammad
 12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:50:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 05 00:50:33 2020
 Response via : Initial Calibration



TIC: BG047579.D

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

3.615min (-3.615) 0.00ng/uL

response 0

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

Quantitation Report (Qedit)

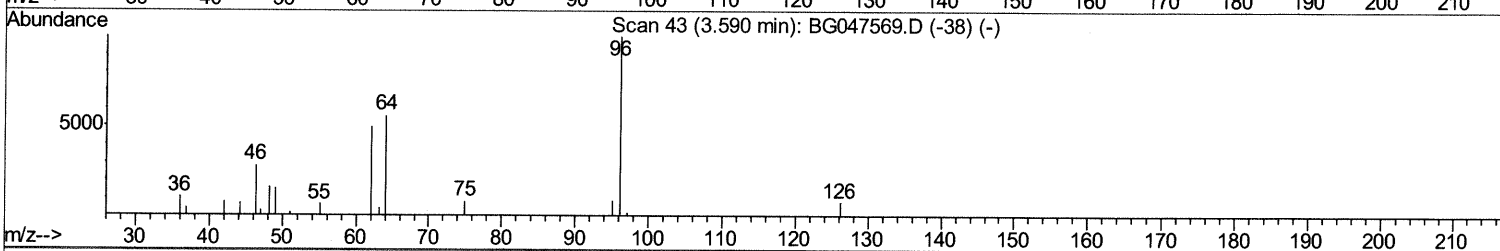
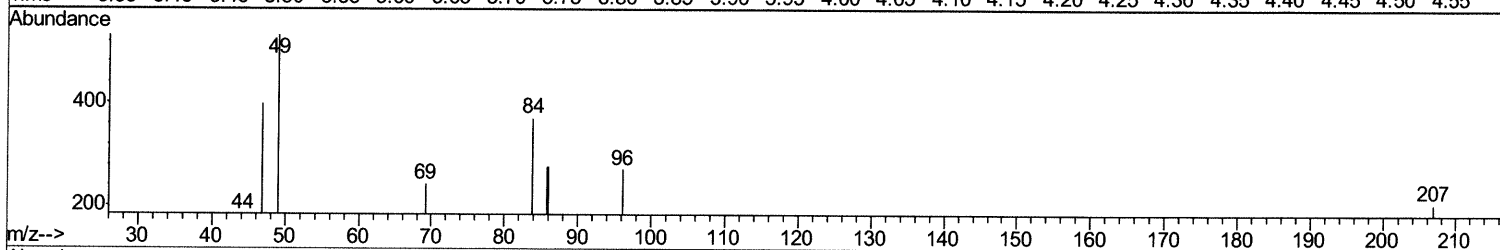
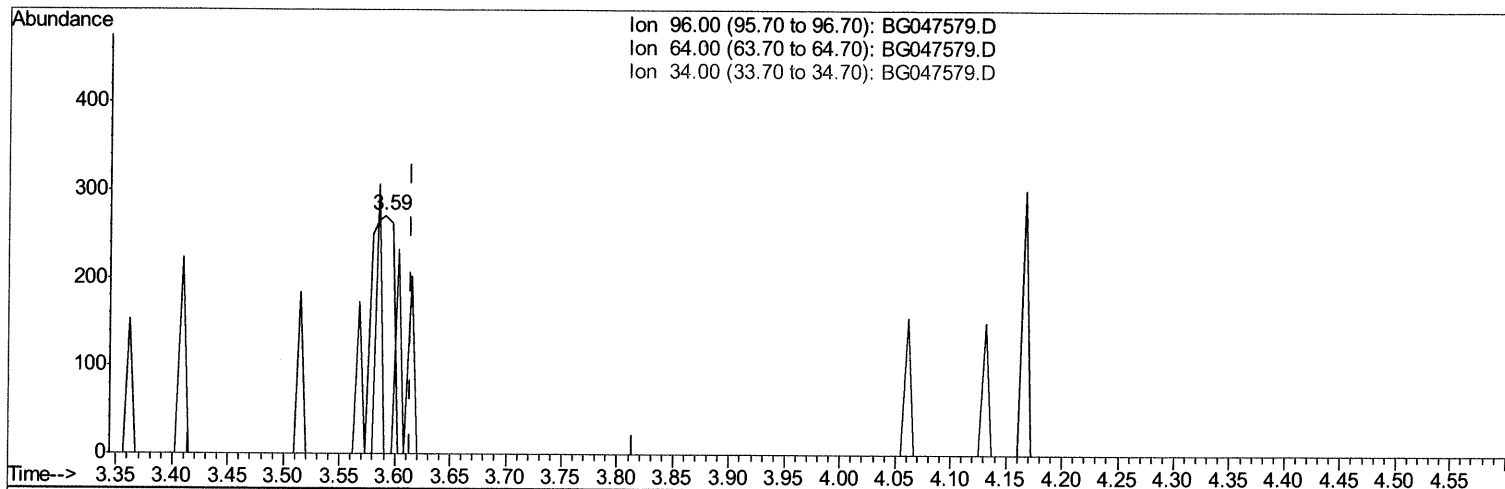
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047579.D
Acq On : 4 Dec 2020 20:38
Operator : CG/JU
Sample : L4859-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B27

Manual Integrations
APPROVED

mohammad
12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:50:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 00:50:33 2020
Response via : Initial Calibration



TIC: BG047579.D

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

3.591min (-0.024) 0.48ng/uL m 12/01/2020 JU

response 370

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)

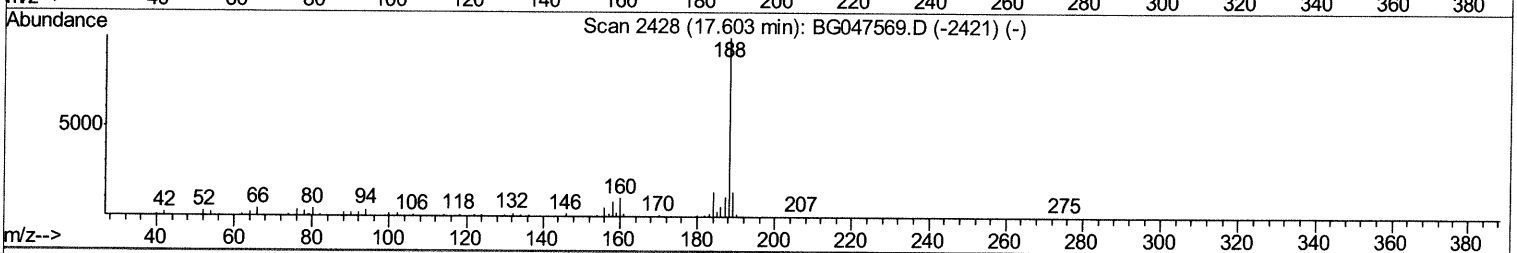
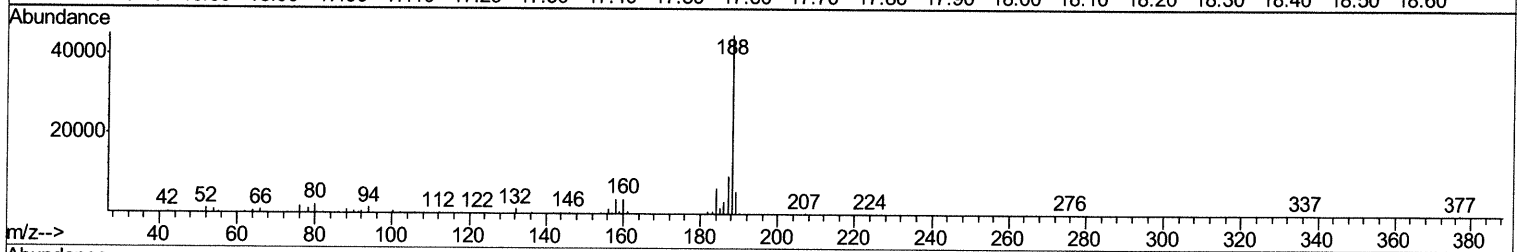
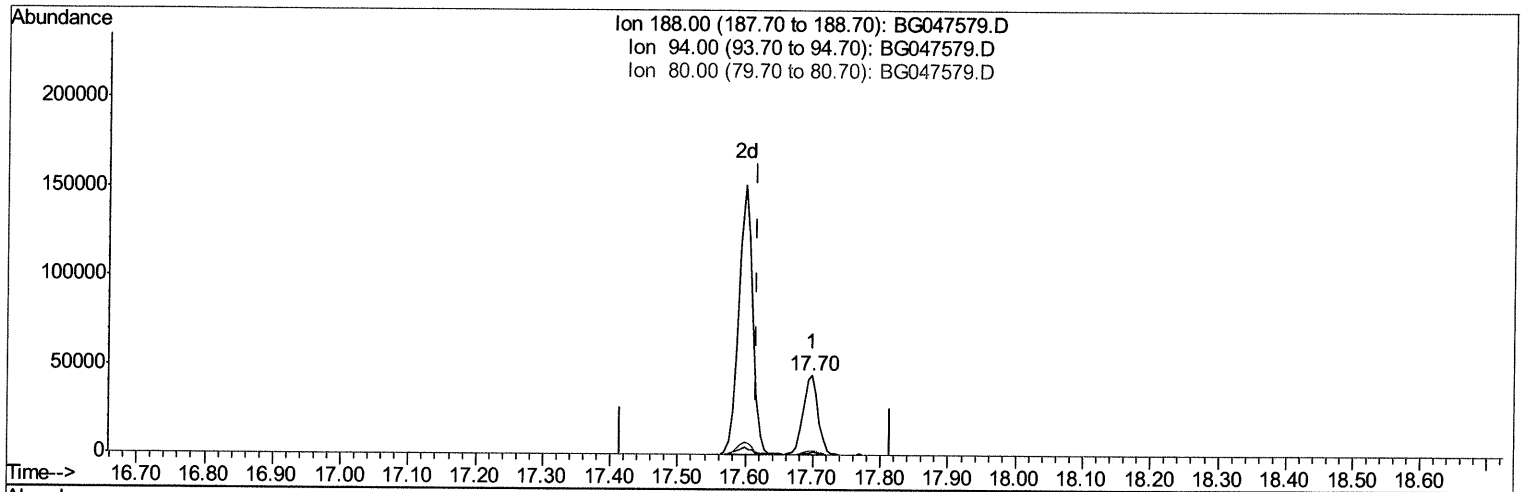
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047579.D
 Acq On : 4 Dec 2020 20:38
 Operator : CG/JU
 Sample : L4859-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B27

Manual Integrations
 APPROVED

mohammad
 12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:52:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 05 00:50:33 2020
 Response via : Initial Calibration



TIC: BG047579.D

(62) Phenanthrene-d10 (I)

17.698min (+0.082) 20.00ng/ul

response 67138

Ion	Exp%	Act%
188.00	100	100
94.00	4.20	3.60
80.00	6.50	6.27
0.00	0.00	0.00

Quantitation Report (Qedit)

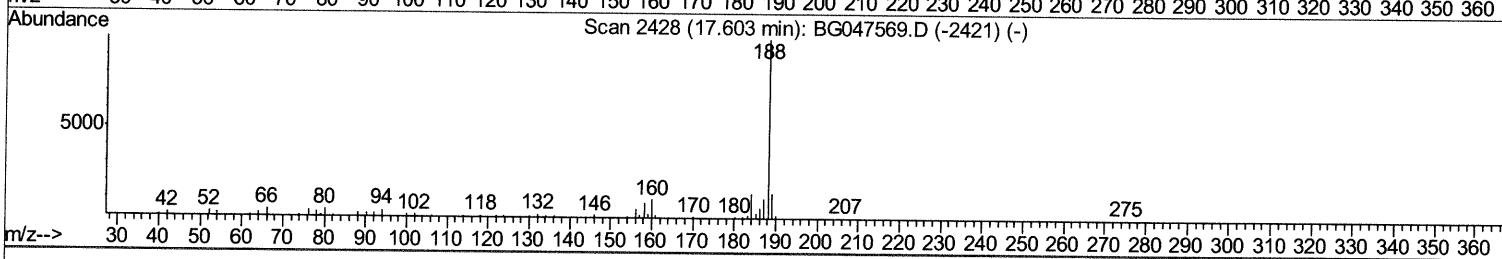
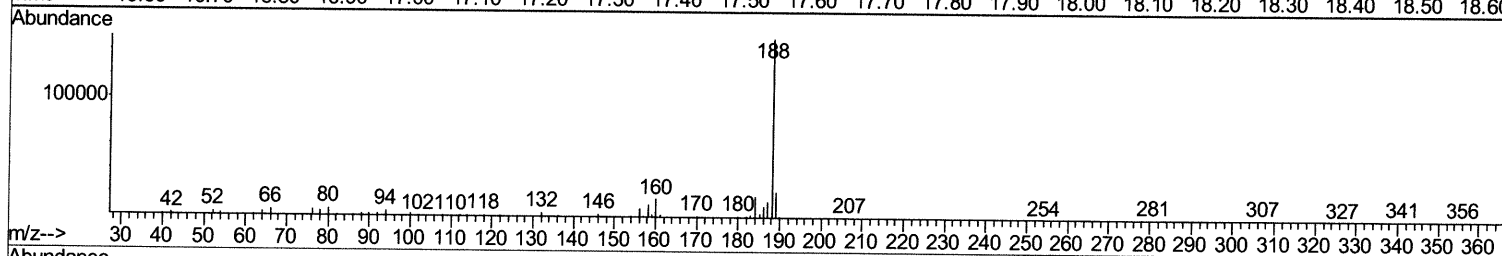
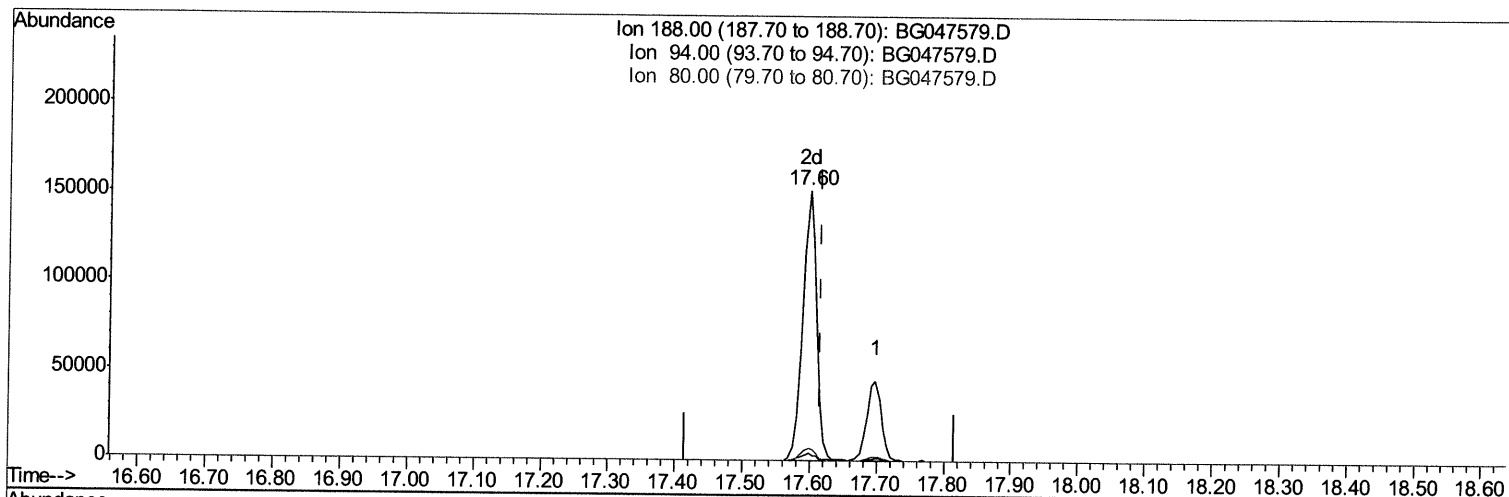
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047579.D
Acq On : 4 Dec 2020 20:38
Operator : CG/JU
Sample : L4859-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B27

Manual Integrations
APPROVED

mohammad
12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:52:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 00:50:33 2020
Response via : Initial Calibration



TIC: BG047579.D

(62) Phenanthrene-d10 (I)

17.598min (-0.018) 20.00ng/ul m 12/6/2020 JU

response 214613

Ion	Exp%	Act%
188.00	100	100
94.00	4.20	2.92#
80.00	6.50	4.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

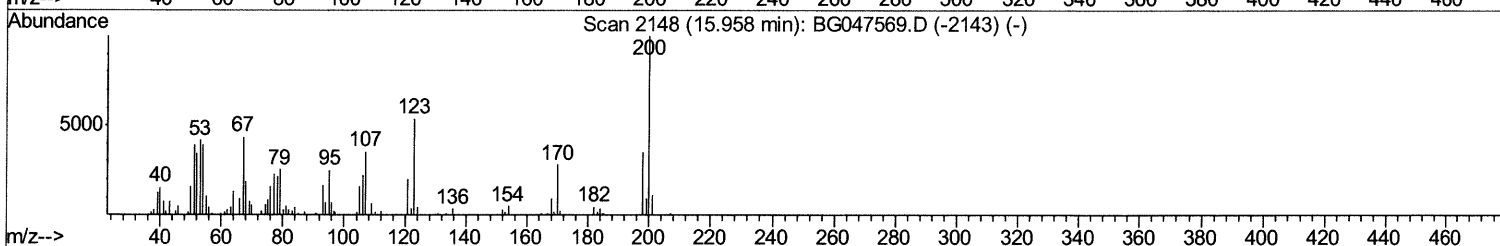
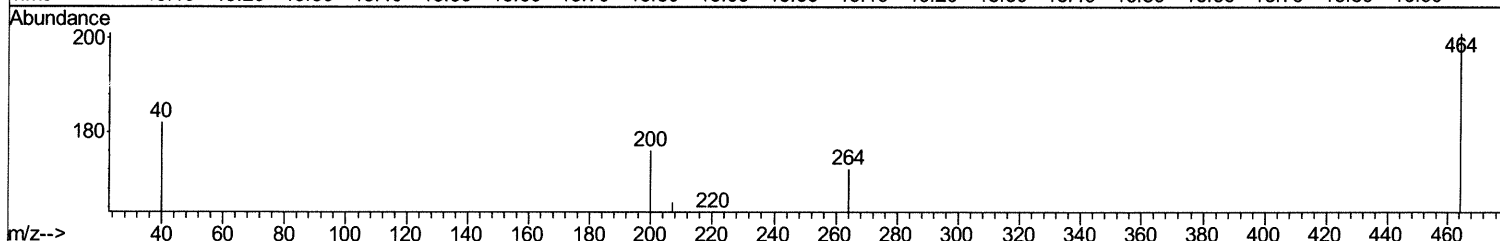
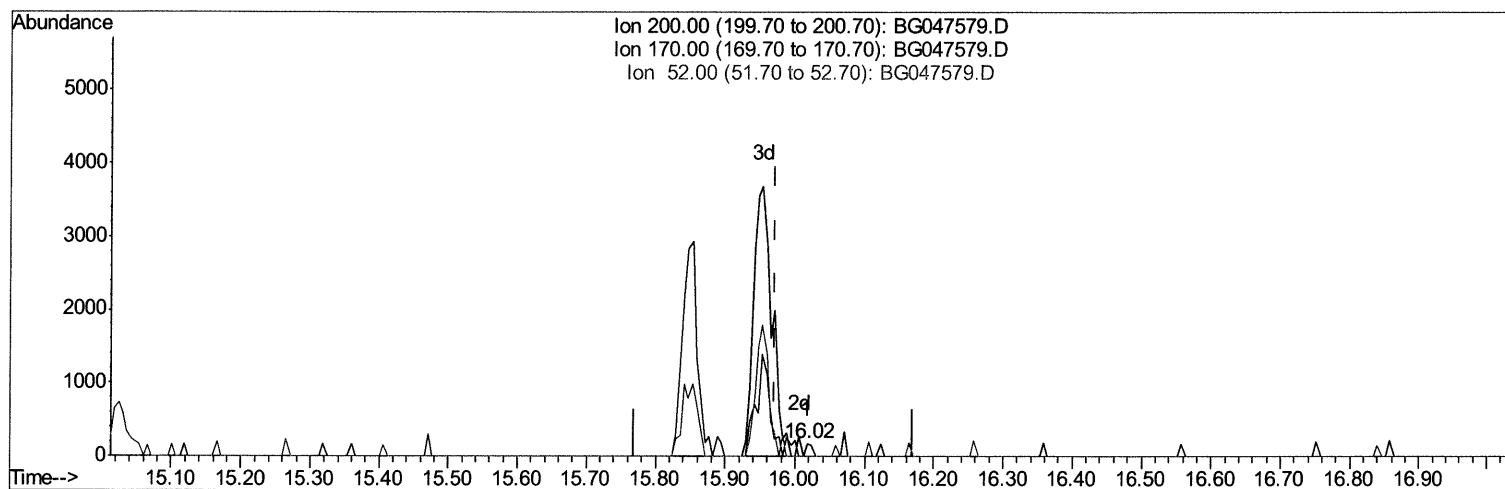
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047579.D
Acq On : 4 Dec 2020 20:38
Operator : CG/JU
Sample : L4859-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B27

Manual Integrations
APPROVED

mohammad
12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:53:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 00:50:33 2020
Response via : Initial Calibration



TIC: BG047579.D

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

16.017min (+0.047) 0.09ng/ul

response 116

Ion	Exp%	Act%
200.00	100	100
170.00	17.70	0.00#
52.00	42.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

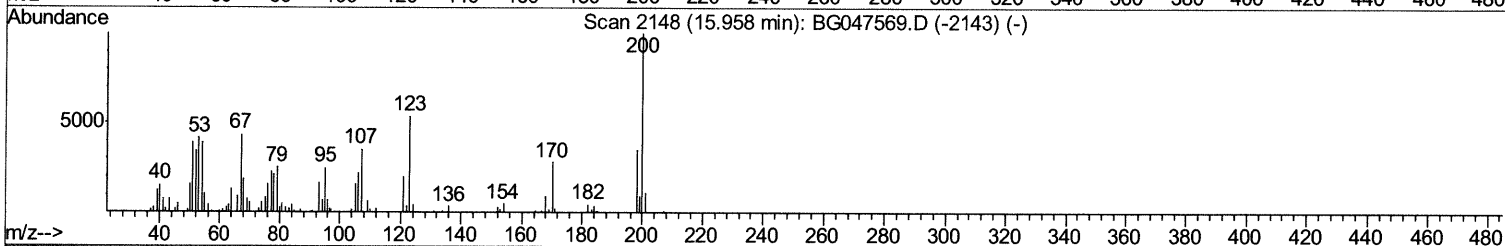
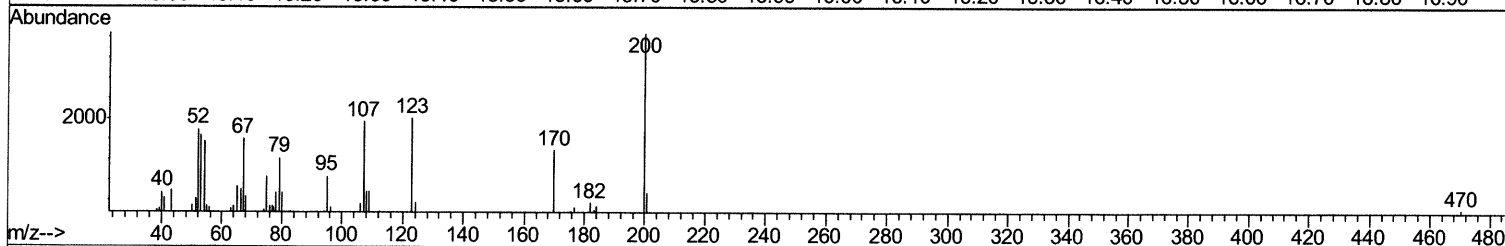
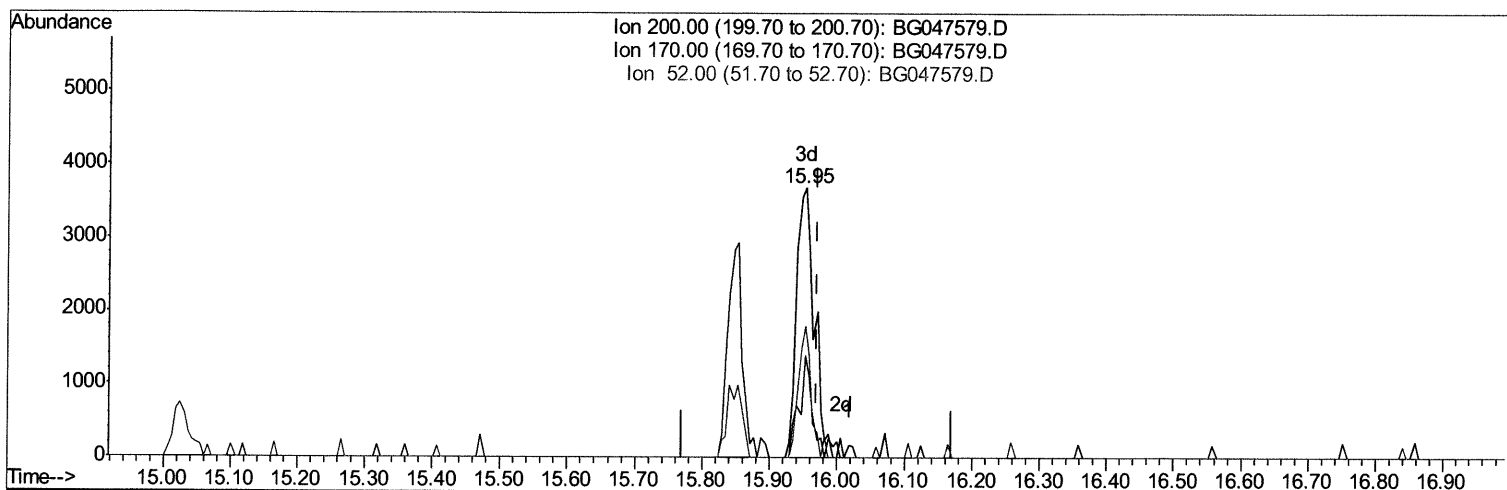
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047579.D
 Acq On : 4 Dec 2020 20:38
 Operator : CG/JU
 Sample : L4859-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B27

Manual Integrations
 APPROVED

mohammad
 12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:53:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 05 00:50:33 2020
 Response via : Initial Calibration



TIC: BG047579.D

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

15.953min (-0.018) 5.43ng/ul m 12/07/2024

response 6637

Ion	Exp%	Act%
200.00	100	100
170.00	17.70	37.63#
52.00	42.70	48.55
0.00	0.00	0.00

Quantitation Report (Qedit)

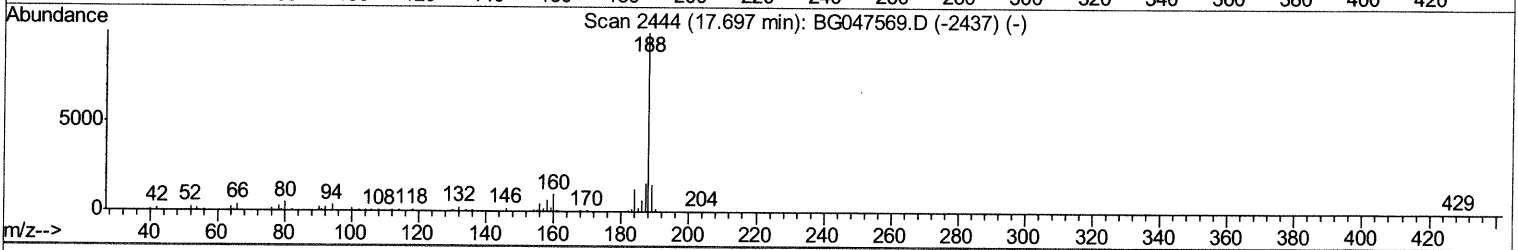
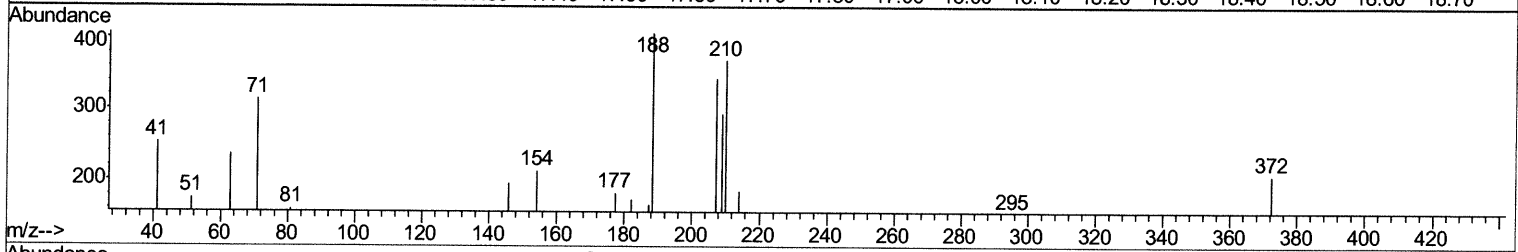
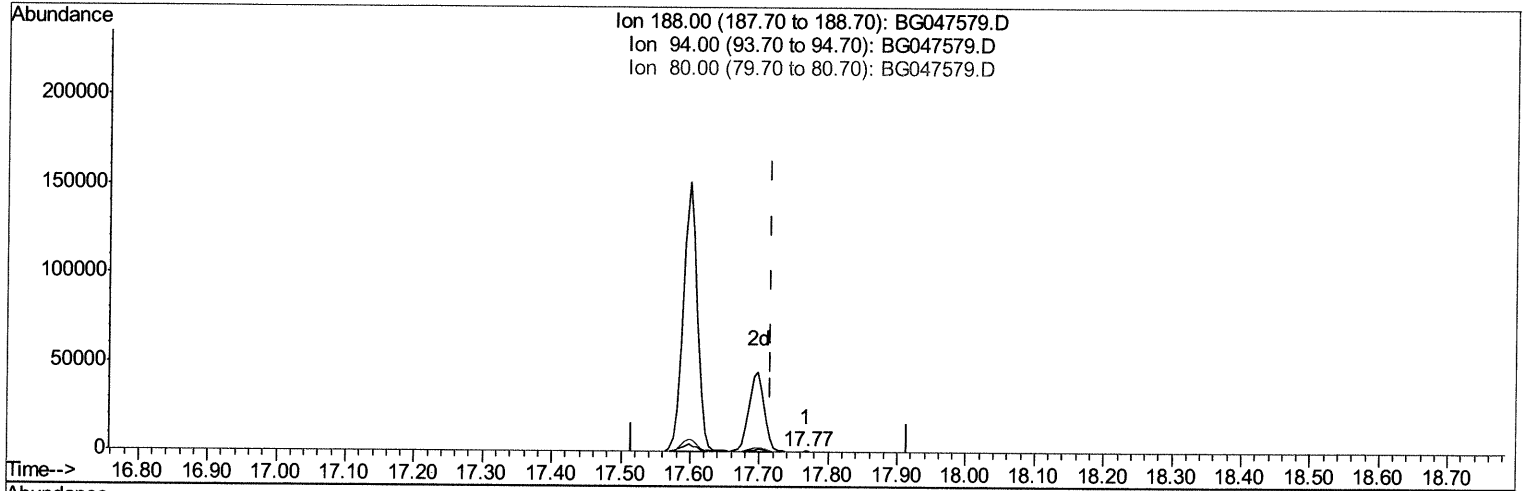
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047579.D
 Acq On : 4 Dec 2020 20:38
 Operator : CG/JU
 Sample : L4859-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0B27

Manual Integrations
APPROVED

mohammad
 12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:53:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 05 00:50:33 2020
 Response via : Initial Calibration



TIC: BG047579.D

(71) Anthracene-d10 (S)
 17.768min (+0.053) 0.03ng/ul
 response 342

Ion	Exp%	Act%
188.00	100	100
94.00	5.30	0.00#
80.00	5.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

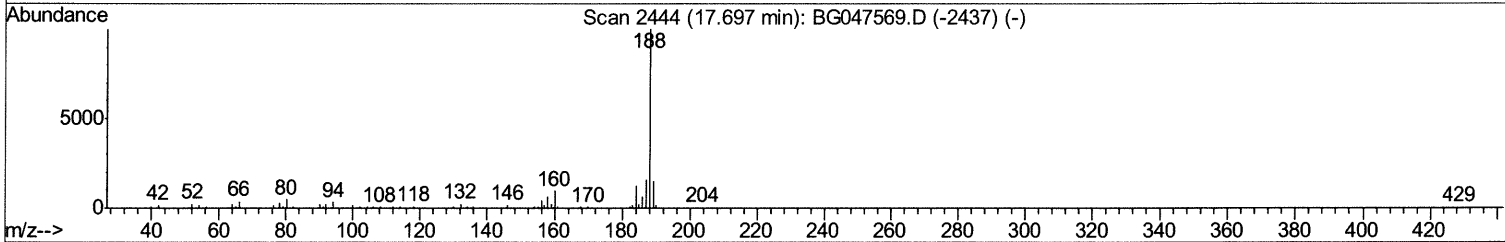
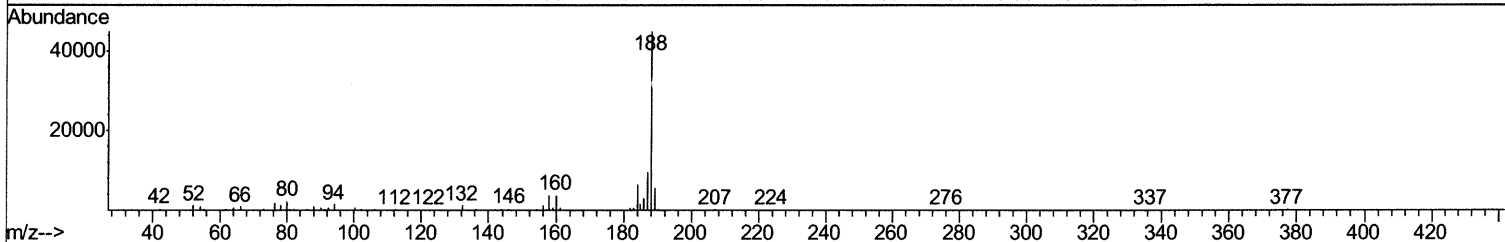
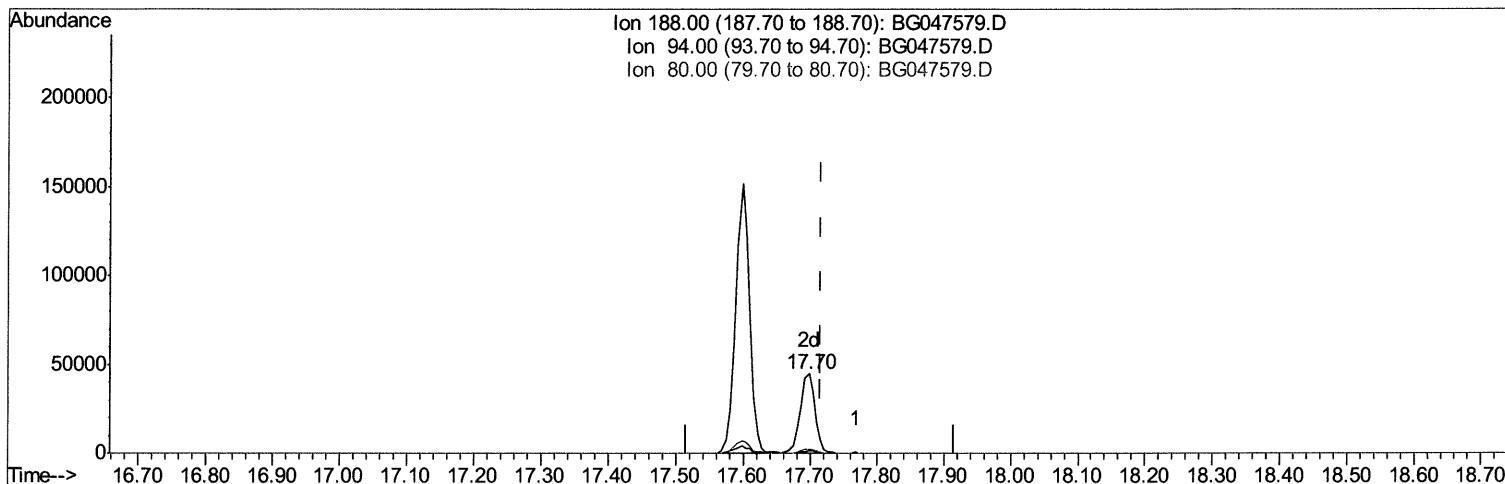
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047579.D
 Acq On : 4 Dec 2020 20:38
 Operator : CG/JU
 Sample : L4859-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B27

Manual Integrations
 APPROVED

mohammad
 12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:53:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 05 00:50:33 2020
 Response via : Initial Calibration



TIC: BG047579.D

(71) Anthracene-d10 (S)

17.698min (-0.018) 6.32ng/ul m 12/07/2020

response 67244

Ion	Exp%	Act%
188.00	100	100
94.00	5.30	3.60#
80.00	5.90	5.38
0.00	0.00	0.00

Quantitation Report (Qedit)

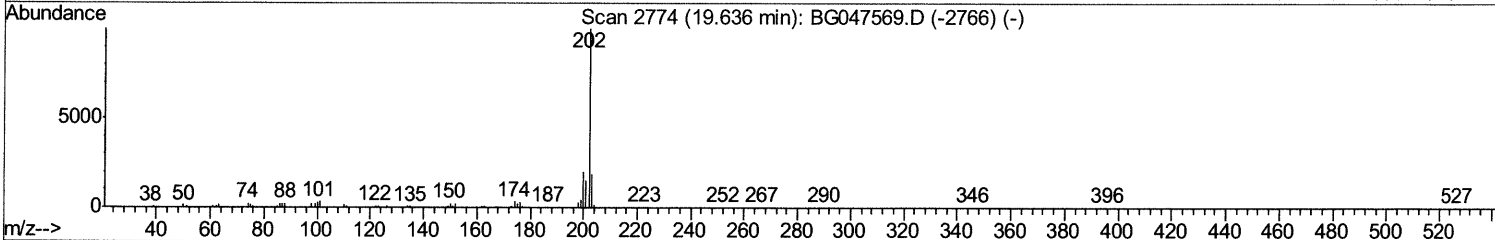
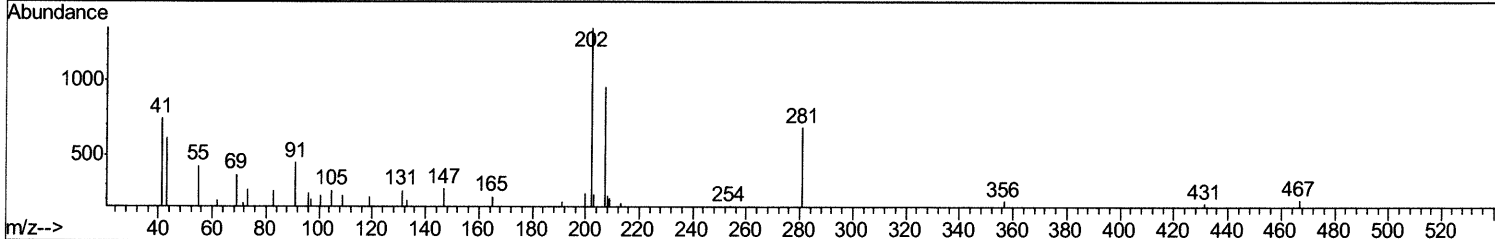
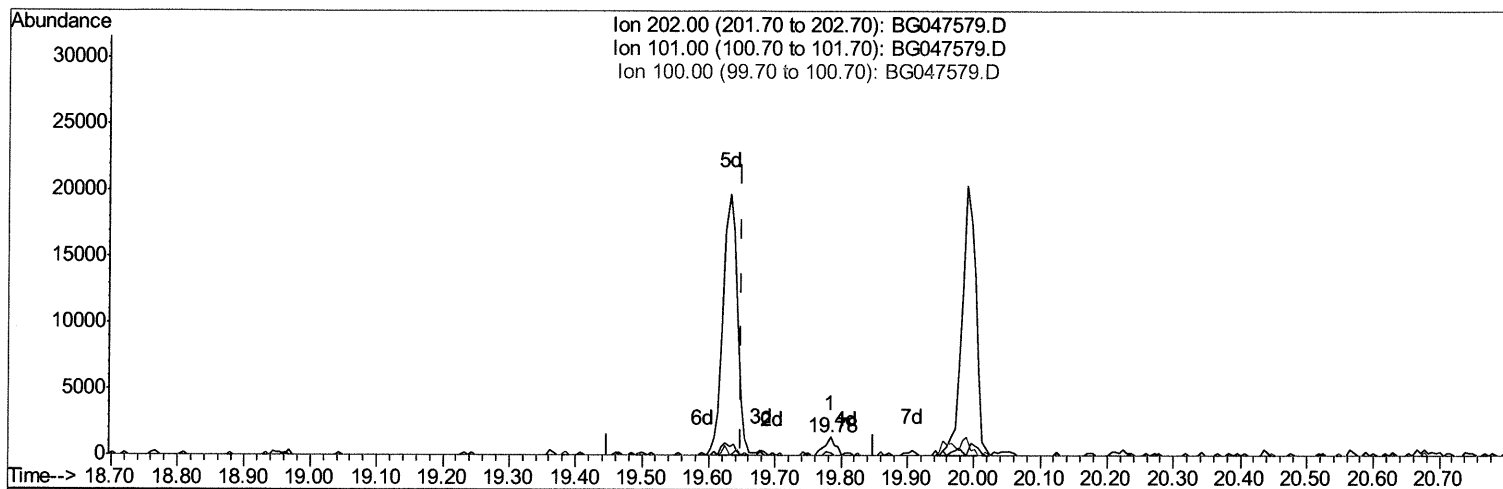
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047579.D
 Acq On : 4 Dec 2020 20:38
 Operator : CG/JU
 Sample : L4859-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B27

Manual Integrations
 APPROVED

mohammad
 12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:53:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 05 00:50:33 2020
 Response via : Initial Calibration



TIC: BG047579.D

(77) Fluoranthene (C)

19.784min (+0.135) 0.11ng/ul

response 1547

Ion	Exp%	Act%
202.00	100	100
101.00	4.10	16.58#
100.00	4.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

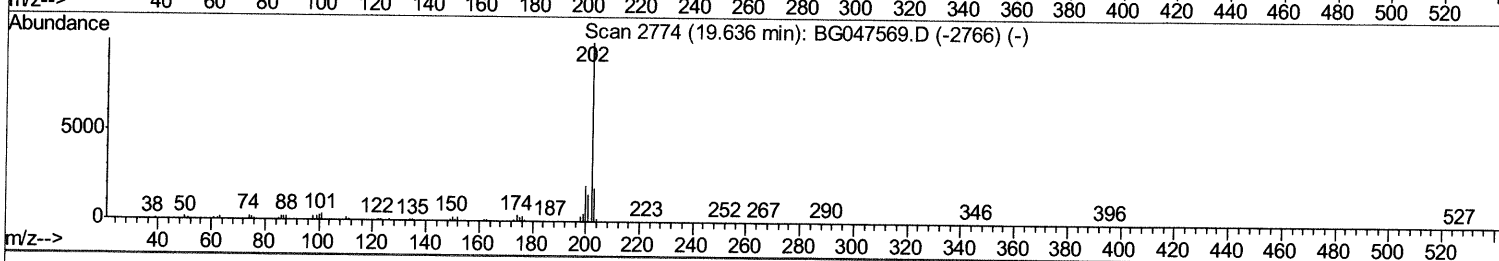
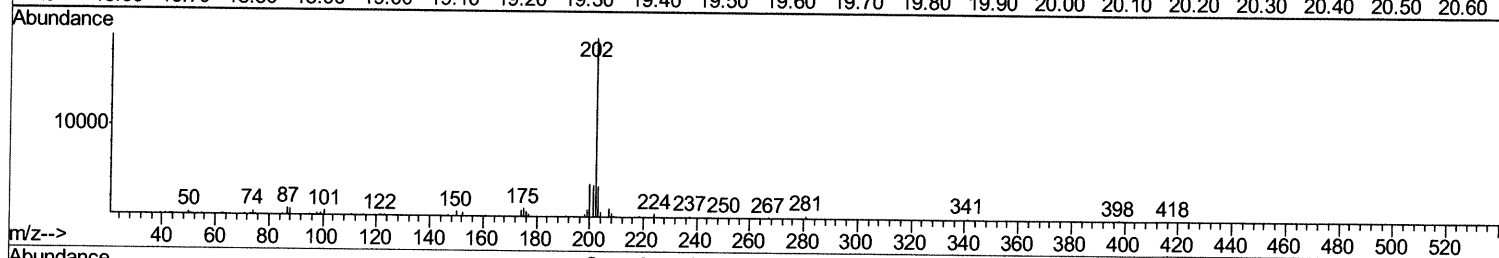
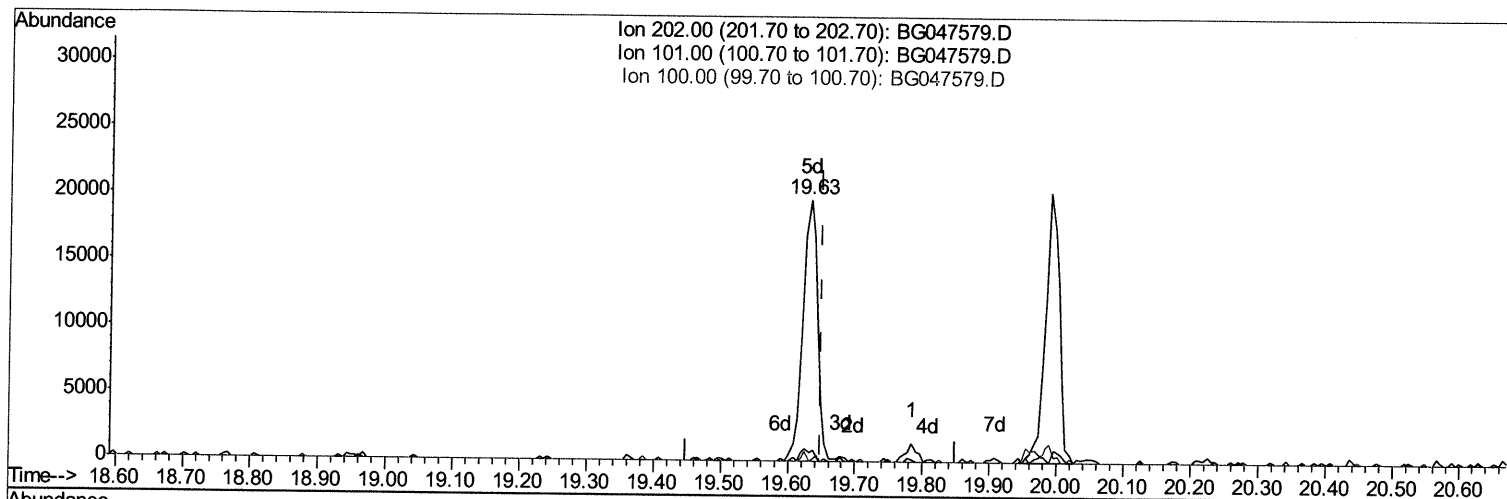
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047579.D
Acq On : 4 Dec 2020 20:38
Operator : CG/JU
Sample : L4859-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B27

Manual Integrations
APPROVED

mohammad
12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:53:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 00:50:33 2020
Response via : Initial Calibration



TIC: BG047579.D

(77) Fluoranthene (C)

19.631min (-0.018) 2.03ng/ul m 12/07/2024

response 29715

Ion	Exp%	Act%
202.00	100	100
101.00	4.10	3.26#
100.00	4.20	3.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

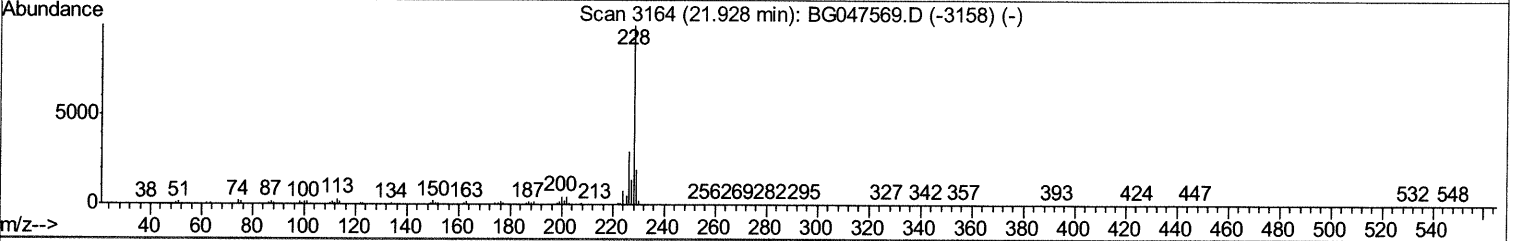
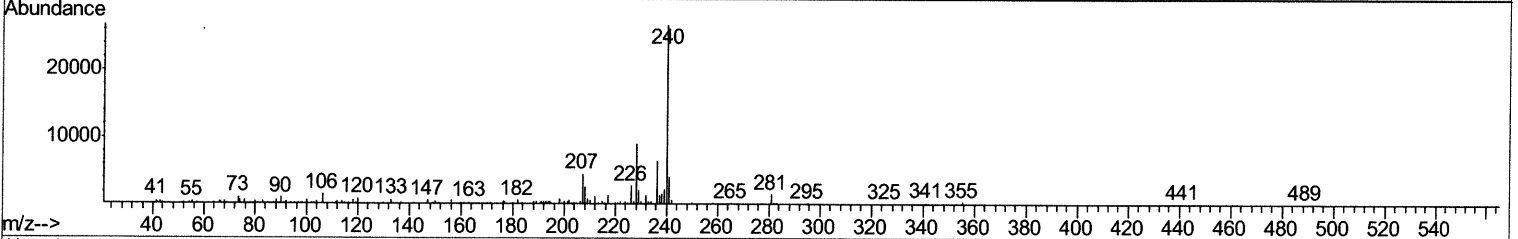
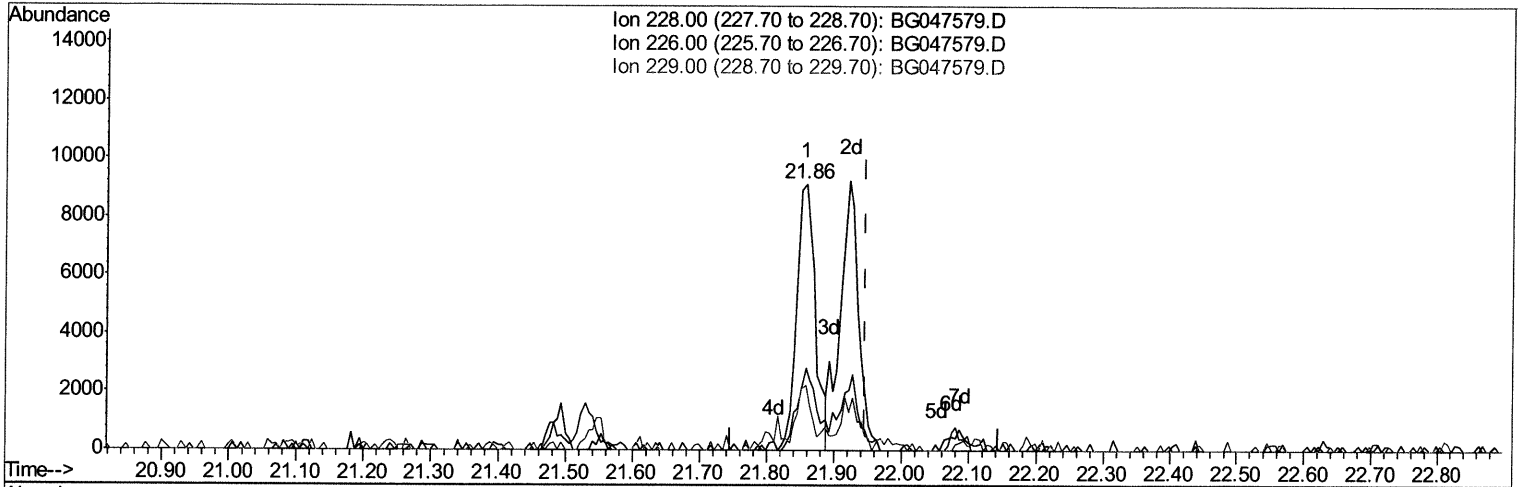
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047579.D
 Acq On : 4 Dec 2020 20:38
 Operator : CG/JU
 Sample : L4859-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B27

Manual Integrations
 APPROVED

mohammad
 12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:53:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 05 00:50:33 2020
 Response via : Initial Calibration



TIC: BG047579.D

(85) Chrysene

21.858min (-0.088) 1.26ng/ul

response 17513

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	30.79
229.00	20.40	24.29
0.00	0.00	0.00

Quantitation Report (Qedit)

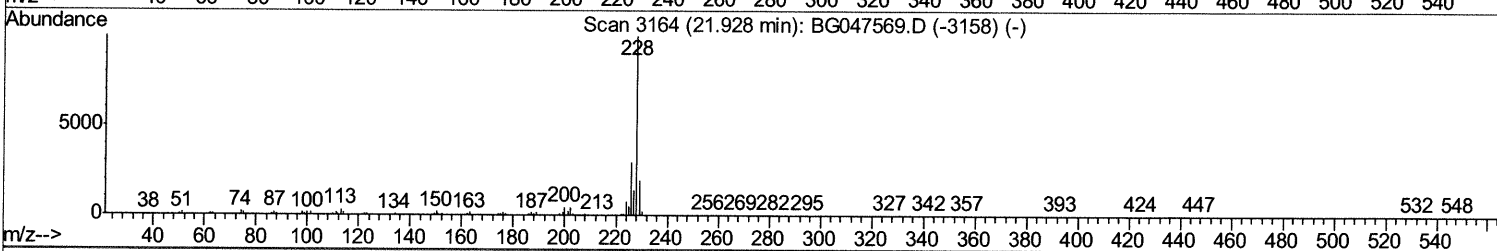
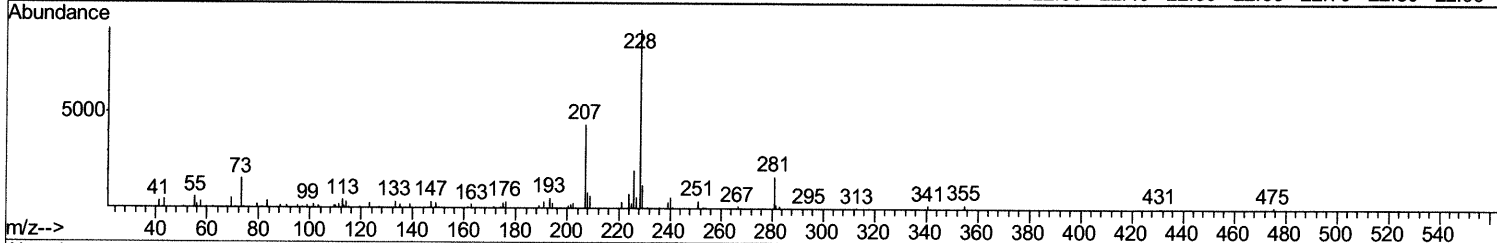
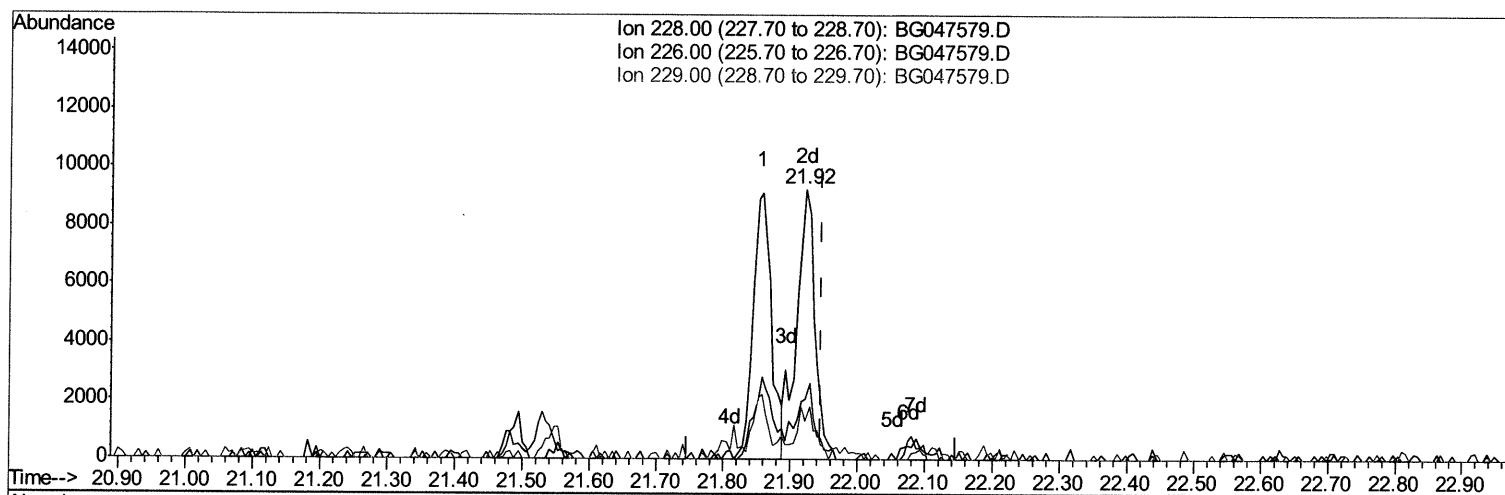
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047579.D
Acq On : 4 Dec 2020 20:38
Operator : CG/JU
Sample : L4859-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B27

Manual Integrations
APPROVED

mohammad
12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:53:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 00:50:33 2020
Response via : Initial Calibration



TIC: BG047579.D

(85) Chrysene

21.922min (-0.024) 1.27ng/ul m 12/07/20 JU

response 17576

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	22.32#
229.00	20.40	14.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

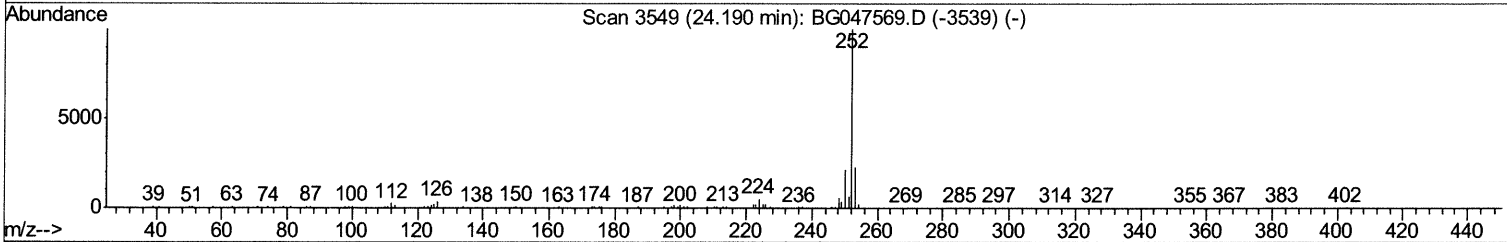
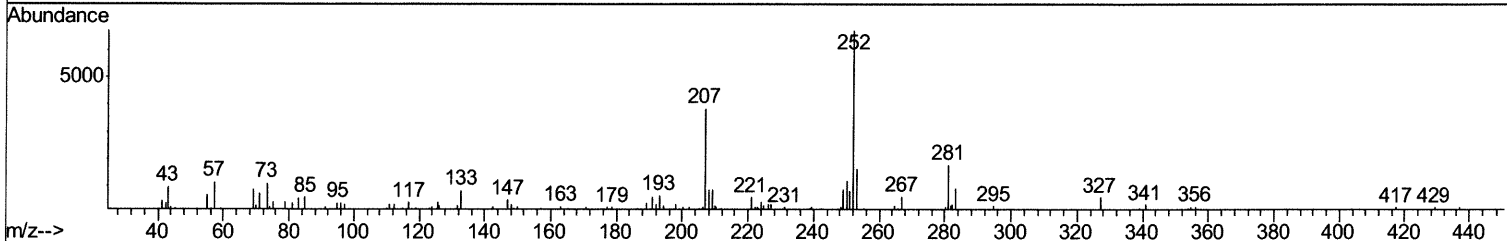
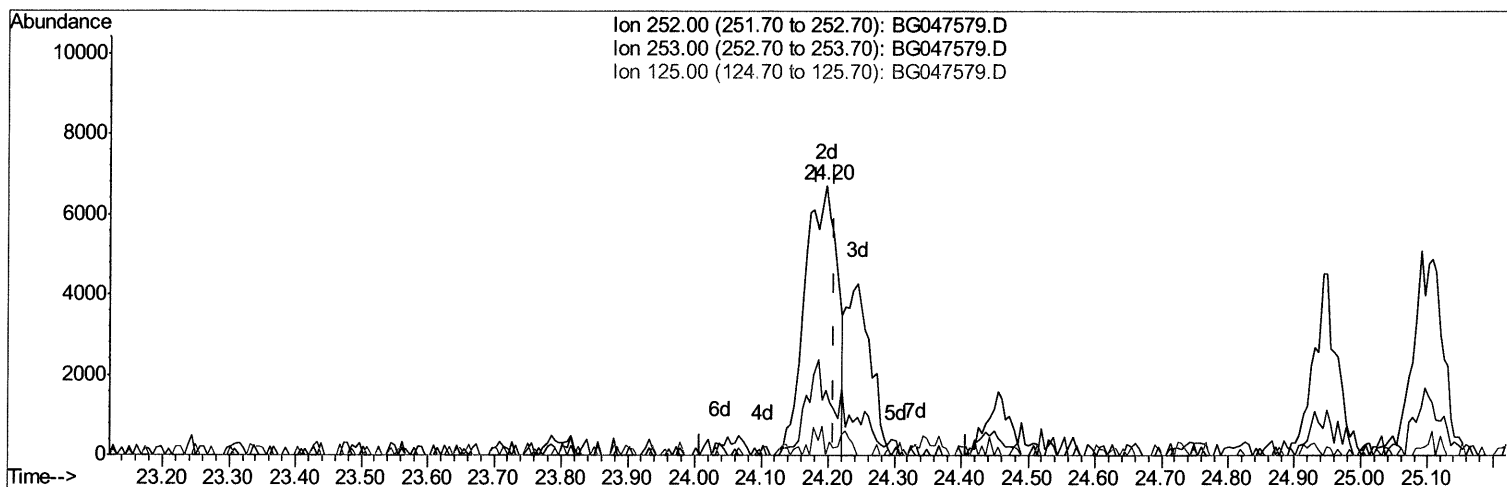
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047579.D
 Acq On : 4 Dec 2020 20:38
 Operator : CG/JU
 Sample : L4859-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B27

Manual Integrations
 APPROVED

mohammad
 12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:57:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 05 00:50:33 2020
 Response via : Initial Calibration



TIC: BG047579.D

(88) Benzo(b)fluoranthene

24.196min (-0.012) 1.57ng/ul m

12/07/2024

response 22547

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	24.04
125.00	3.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

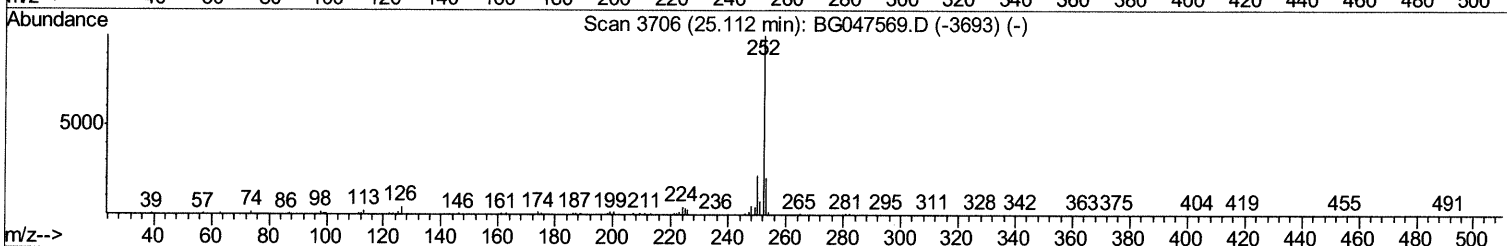
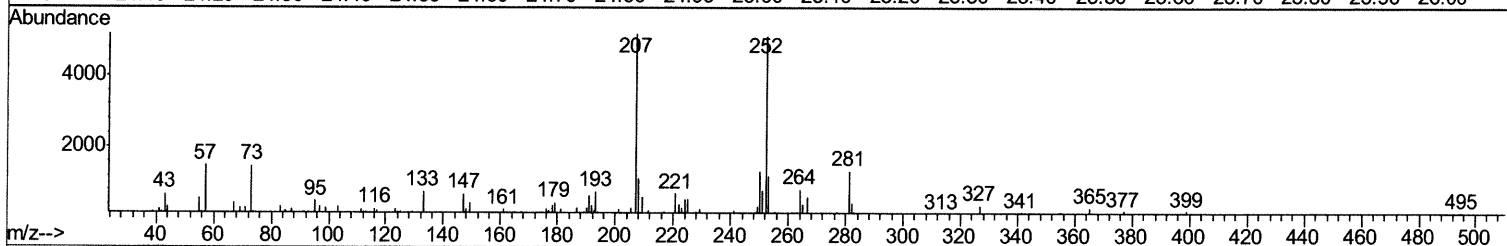
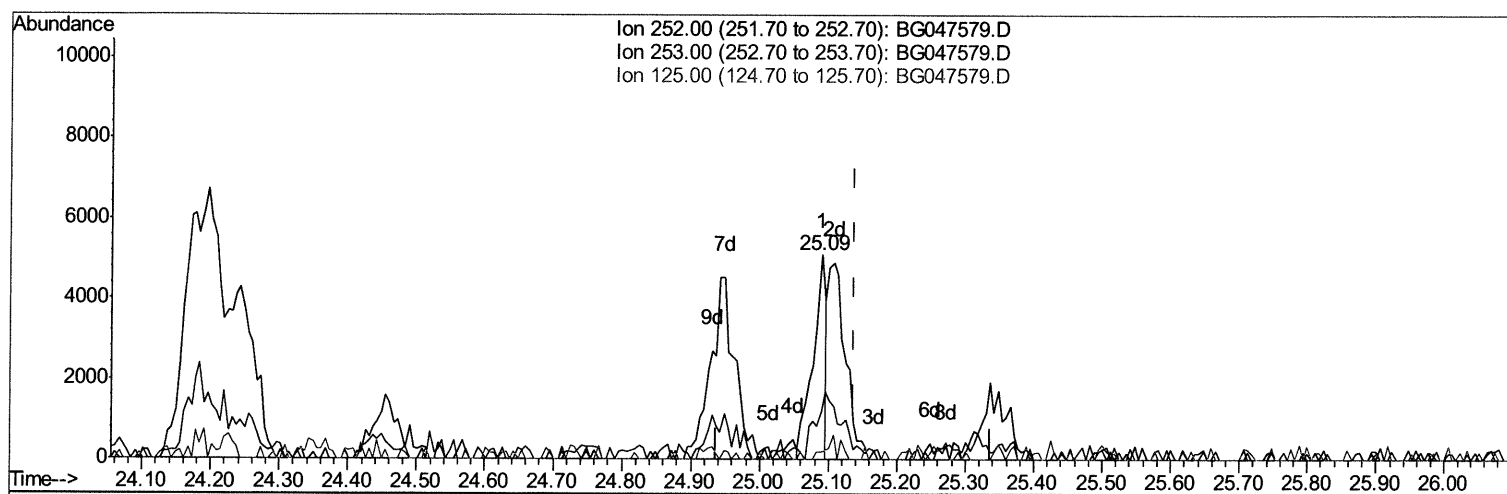
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047579.D
Acq On : 4 Dec 2020 20:38
Operator : CG/JU
Sample : L4859-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B27

Manual Integrations
APPROVED

mohammad
12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:57:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 00:50:33 2020
Response via : Initial Calibration



TIC: BG047579.D

(91) Benzo(a)pyrene (C)

25.089min (-0.047) 0.53ng/ul

response 6707

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.51
125.00	3.90	3.57
0.00	0.00	0.00

Quantitation Report (Qedit)

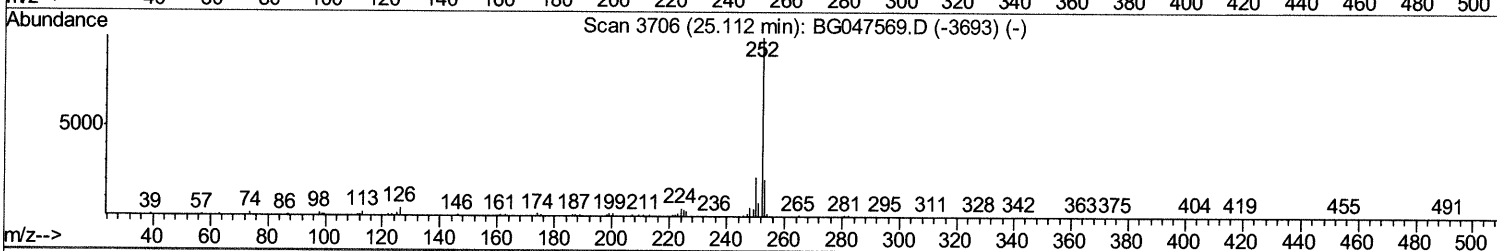
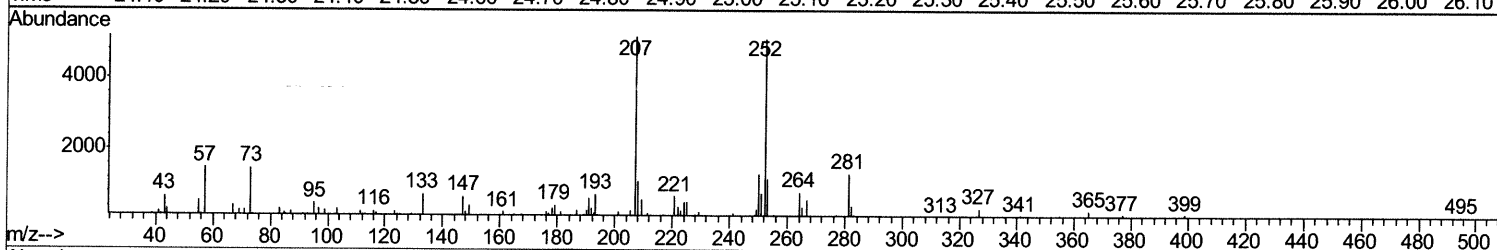
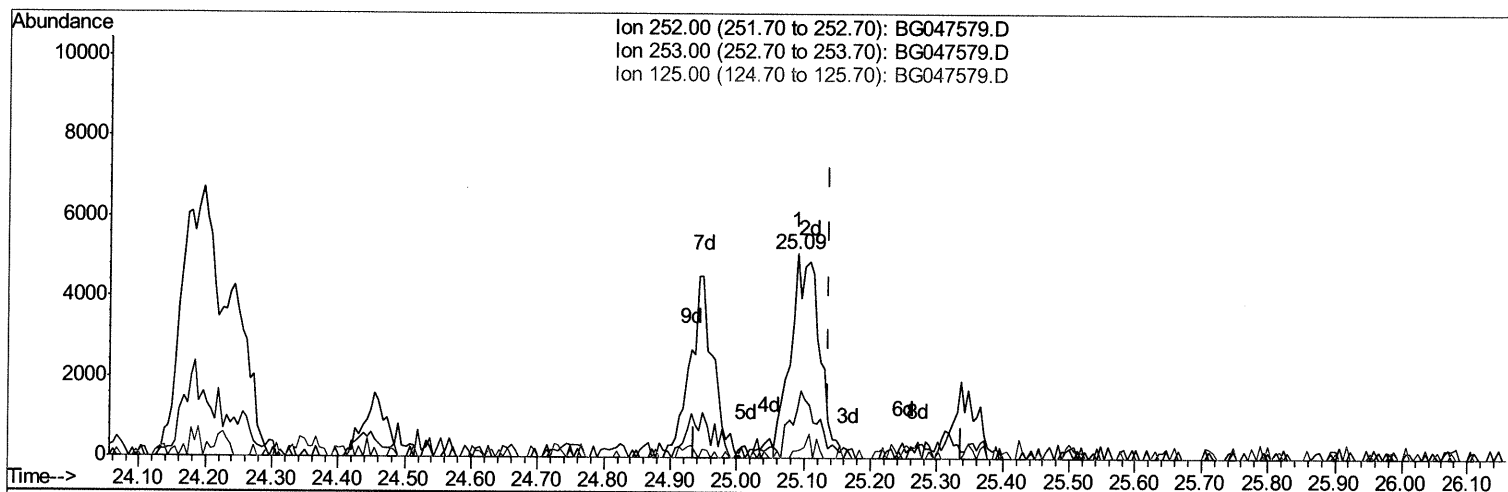
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047579.D
Acq On : 4 Dec 2020 20:38
Operator : CG/JU
Sample : L4859-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B27

Manual Integrations
APPROVED

mohammad
12/7/2020 1:59:59 PM

Quant Time: Dec 05 01:57:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 05 00:50:33 2020
Response via : Initial Calibration



TIC: BG047579.D

(91) Benzo(a)pyrene (C)

25.089min (-0.047) 1.19ng/ul m

12/07/20 JU

response 15161

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	23.51
125.00	3.90	3.57
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047579.D
 Acq On : 4 Dec 2020 20:38
 Operator : CG/JU
 Sample : L4859-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B27

Manual Integrations
 APPROVED

mohammad
 12/7/2020 1:59:59 PM

Quant Time: Dec 05 02:00:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 05 00:50:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	27748	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	104724	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	83224	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	214613m >	20.00	ng/ul >	-0.02 12/67/20 J4
78) Chrysene-d12	21.88	240	204564	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	202762	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	370m >	0.48	ng/uL >	-0.02 12/07/20 J4
5) Phenol-d5	7.38	99	12612	4.53	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	7811	4.92	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.77	132	10521	5.64	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	7587	3.55	ng/ul	-0.02
19) Nitrobenzene-d5	9.41	128	6145	7.10	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.15	143	5976	6.33	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.69	165	12557	5.81	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.21	131	9360	4.28	ng/ul	-0.01
44) Dimethylphthalate-d6	14.25	166	43860	6.14	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	50626	6.13	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.04	143	3957	3.63	ng/ul	0.00
58) Fluorene-d10	15.85	176	40944	6.26	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	6637m }	5.43	ng/ul }	-0.02 12/07/20 J4
71) Anthracene-d10	17.70	188	67244m }	6.32	ng/ul }	-0.02
79) Pyrene-d10	19.96	212	82433	6.92	ng/ul	-0.02
90) Benzo(a)pyrene-d12	25.02	264	79712	6.83	ng/ul	-0.04
Target Compounds						
6) Phenol	7.41	94	4150	1.557	ng/ul#	87
45) Dimethylphthalate	14.30	163	17569	2.411	ng/ul#	95
77) Fluoranthene	19.63	202	29715m >	2.030	ng/ul >	12/07/20 J4
80) Pyrene	19.99	202	29304	2.022	ng/ul#	89
83) Benzo(a)anthracene	21.86	228	17513	1.203	ng/ul#	95
85) Chrysene	21.92	228	17576m }	1.269	ng/ul }	
88) Benzo(b)fluoranthene	24.20	252	22547m }	1.575	ng/ul }	
91) Benzo(a)pyrene	25.09	252	15161m }	1.188	ng/ul }	12/07/20 J4

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