

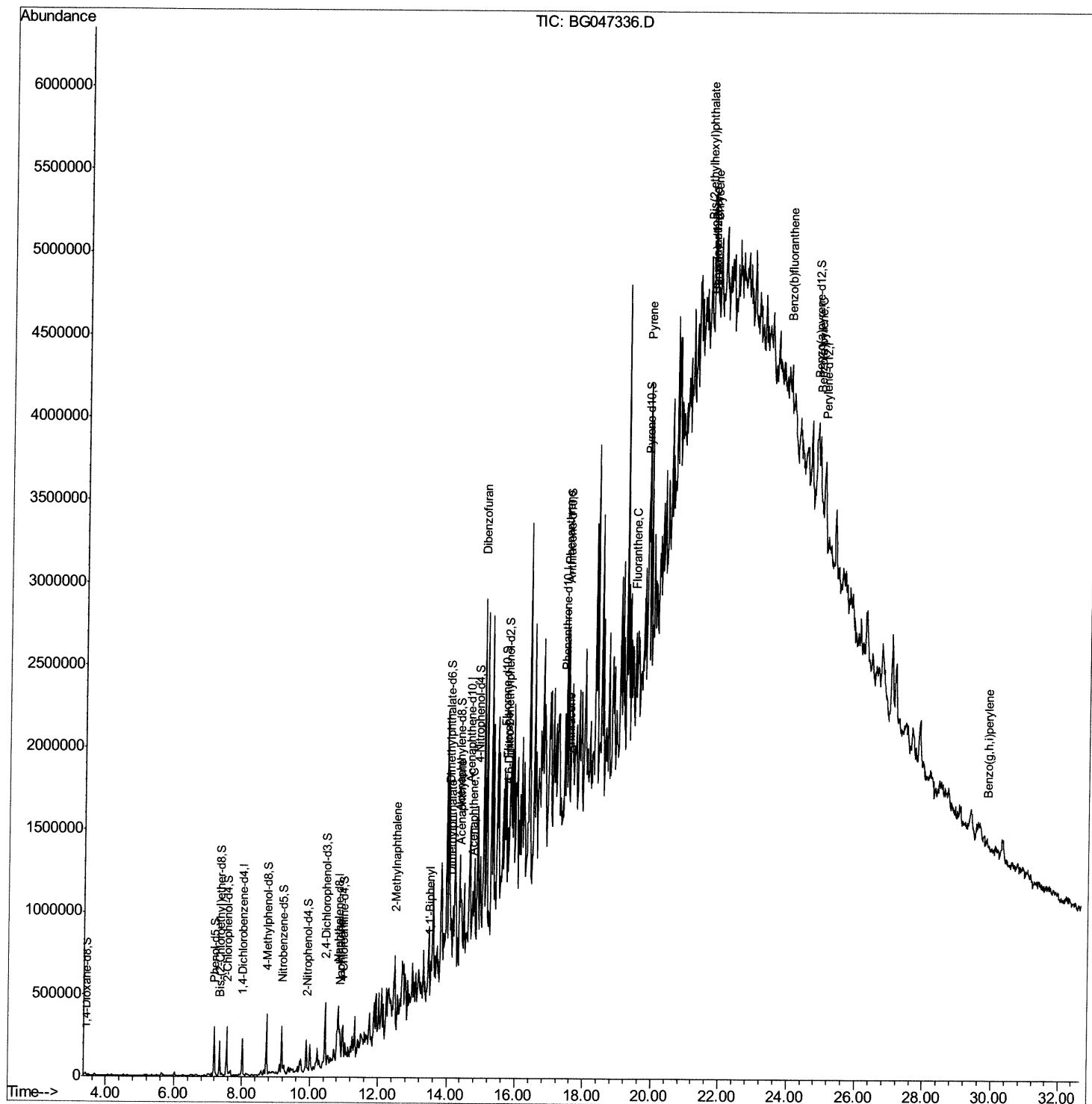
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AC8

Manual Integrations
APPROVED

mohammad
11/17/2020 4:10:08 PM

Quant Time: Nov 17 07:40:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

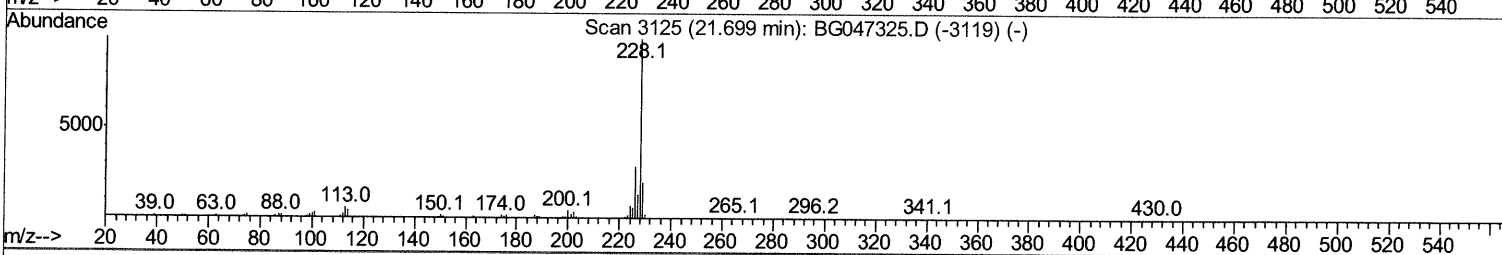
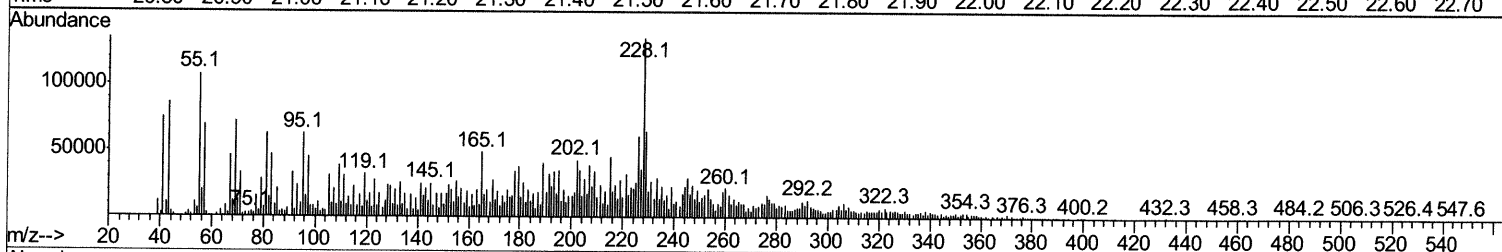
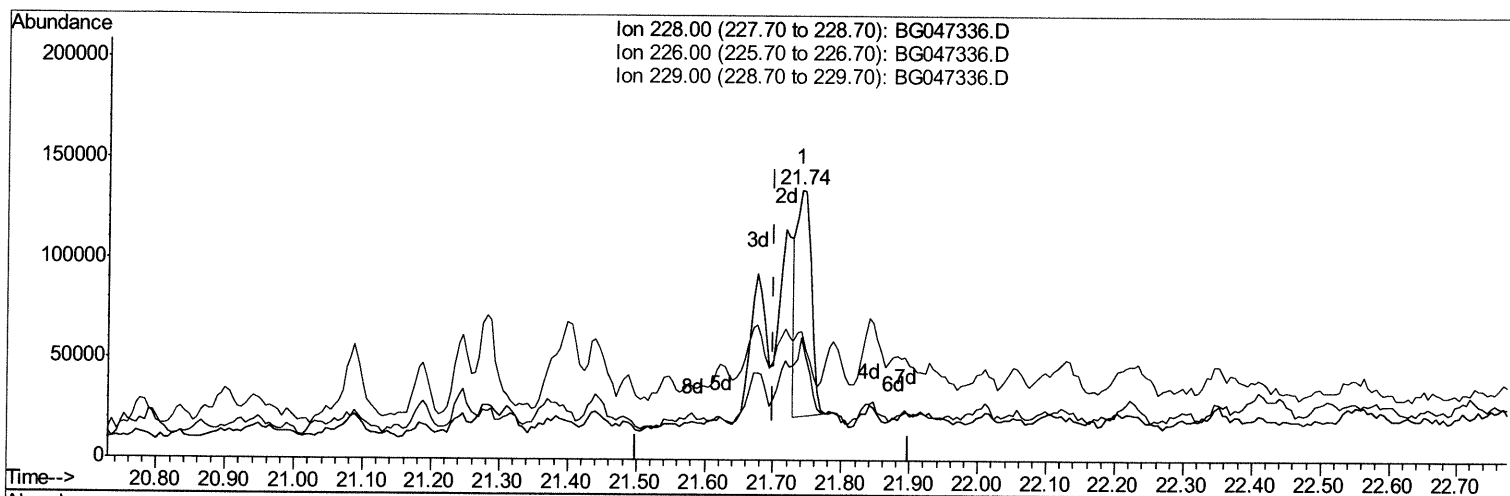
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8

Manual Integrations
APPROVED

mohammad
11/17/2020 4:10:08 PM

Quant Time: Nov 17 04:40:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration



TIC: BG047336.D

(85) Chrysene

21.740min (+0.041) 7.08ng/ul

response 159683

Ion	Exp%	Act%
228.00	100	100
226.00	30.70	45.32#
229.00	19.80	47.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

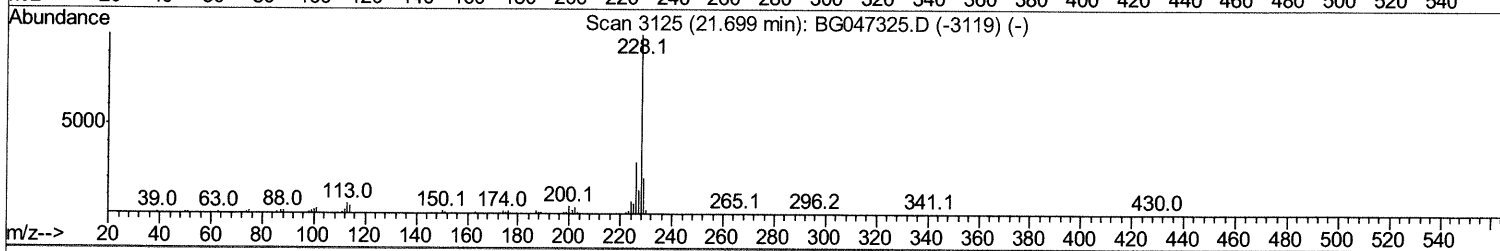
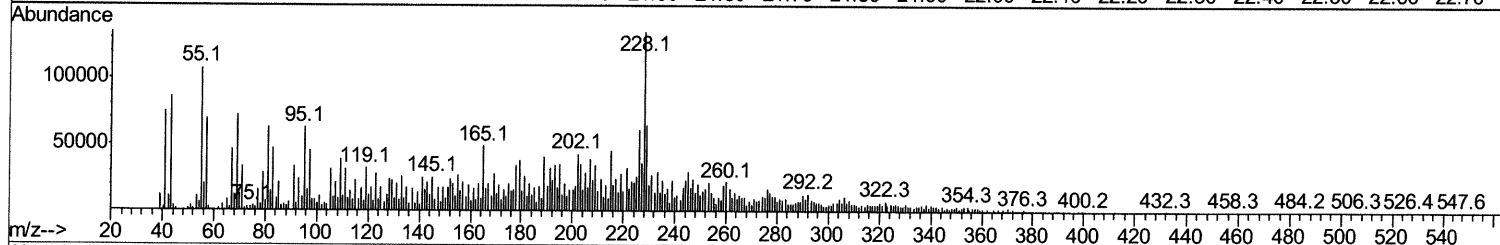
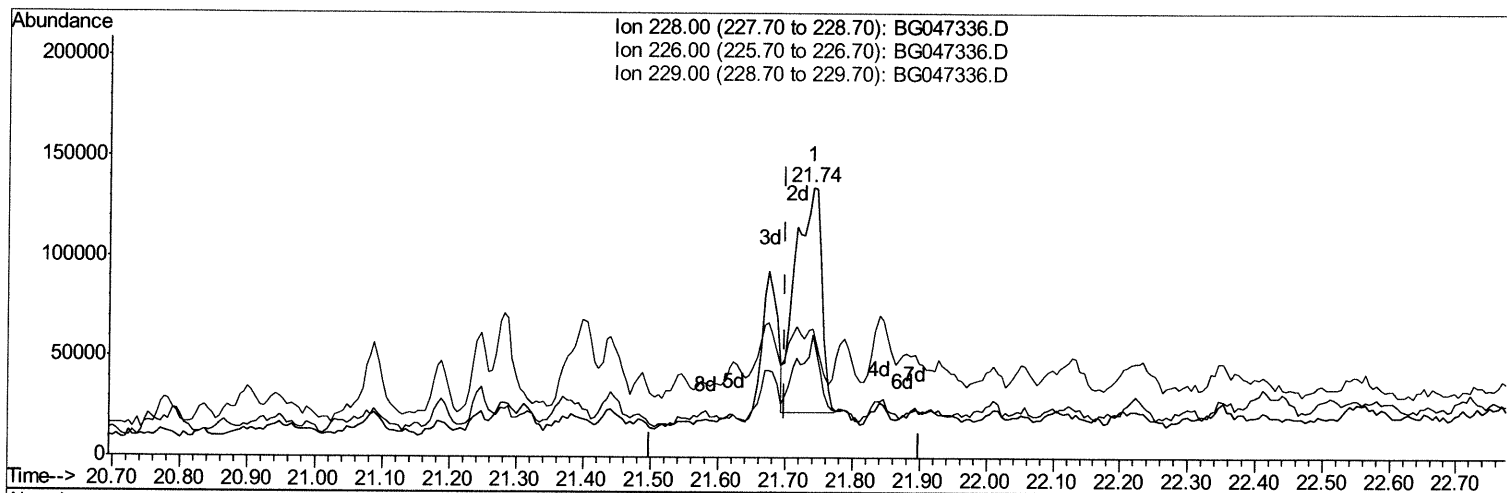
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047336.D
 Acq On : 16 Nov 2020 18:58
 Operator : CG/JU
 Sample : L4762-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC8

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:10:08 PM

Quant Time: Nov 17 04:40:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 12:10:55 2020
 Response via : Initial Calibration



TIC: BG047336.D

(85) Chrysene

21.740min (+0.041) 13.41ng/ul m 12/03/2024

response 302332

Ion	Exp%	Act%
228.00	100	100
226.00	30.70	45.32#
229.00	19.80	47.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

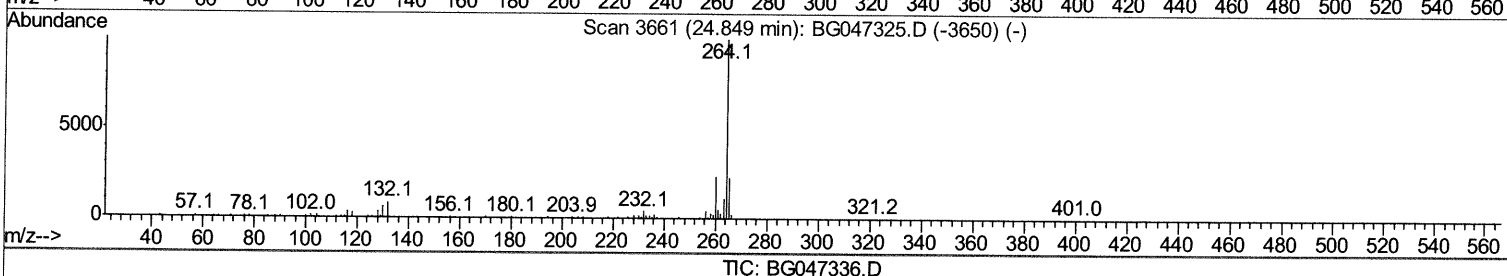
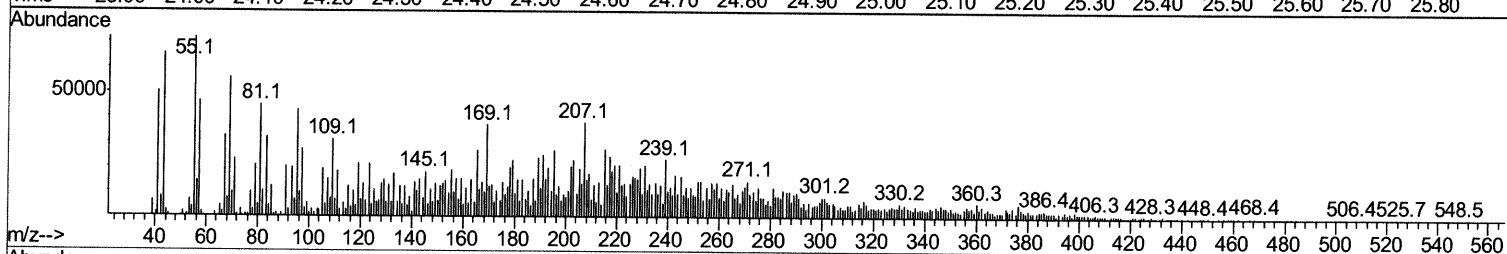
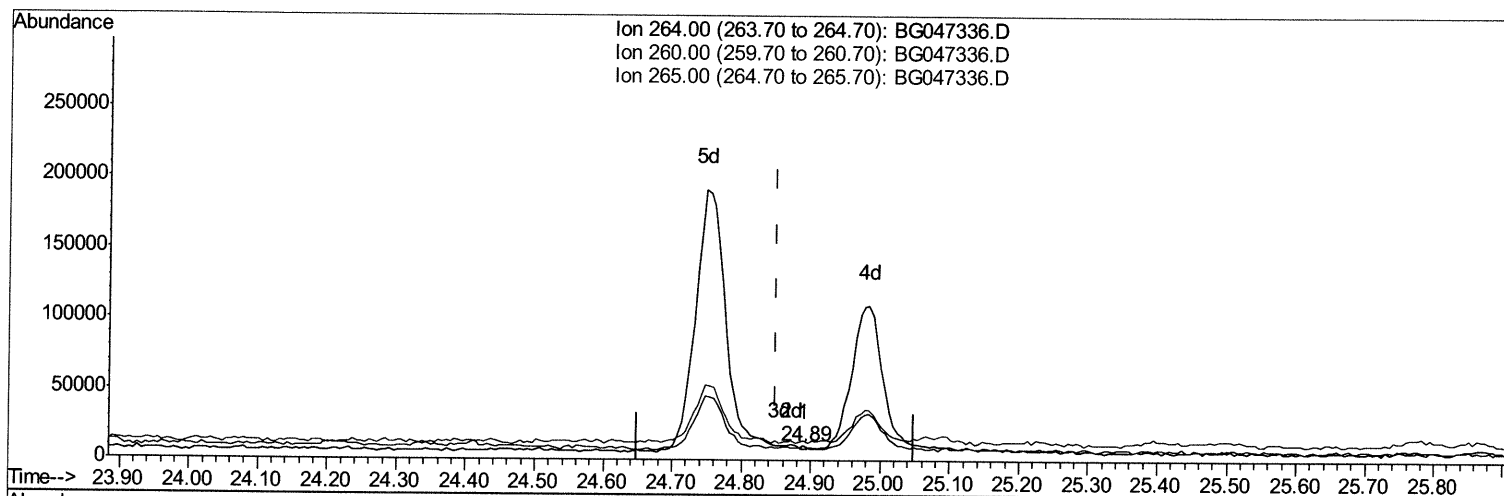
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8

Manual Integrations
APPROVED

mohammad
11/17/2020 4:10:08 PM

Quant Time: Nov 17 04:46:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration



(86) Perylene-d12 (I)

24.889min (+0.041) 20.00ng/ul

response 1495

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	78.85#
265.00	22.20	131.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

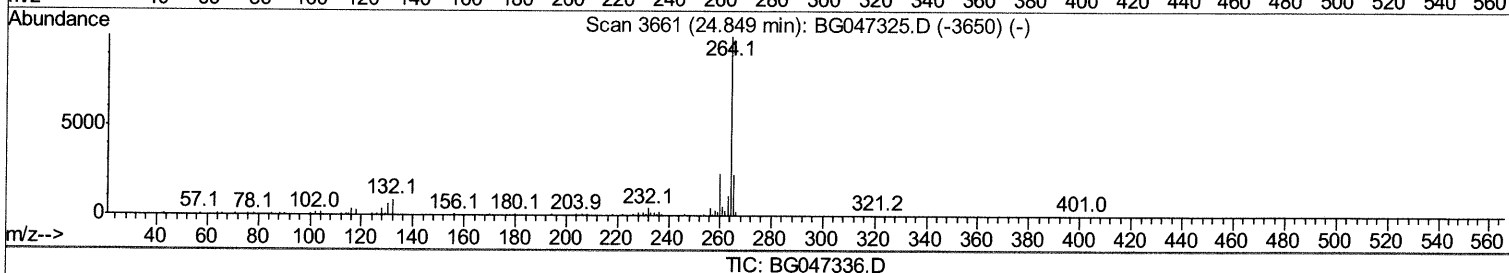
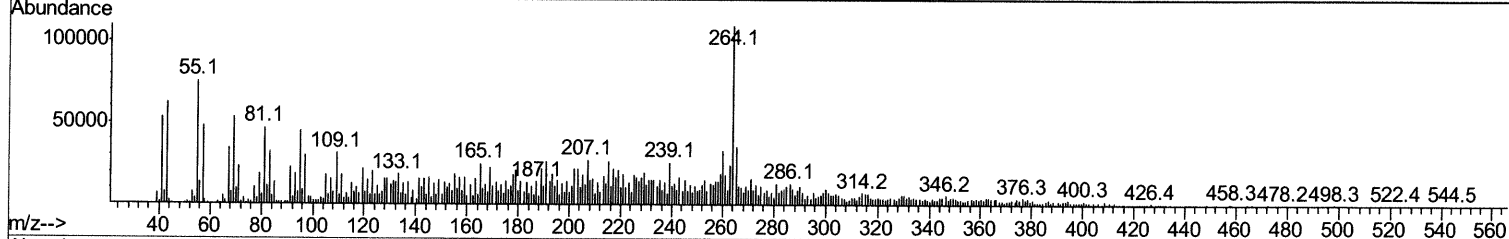
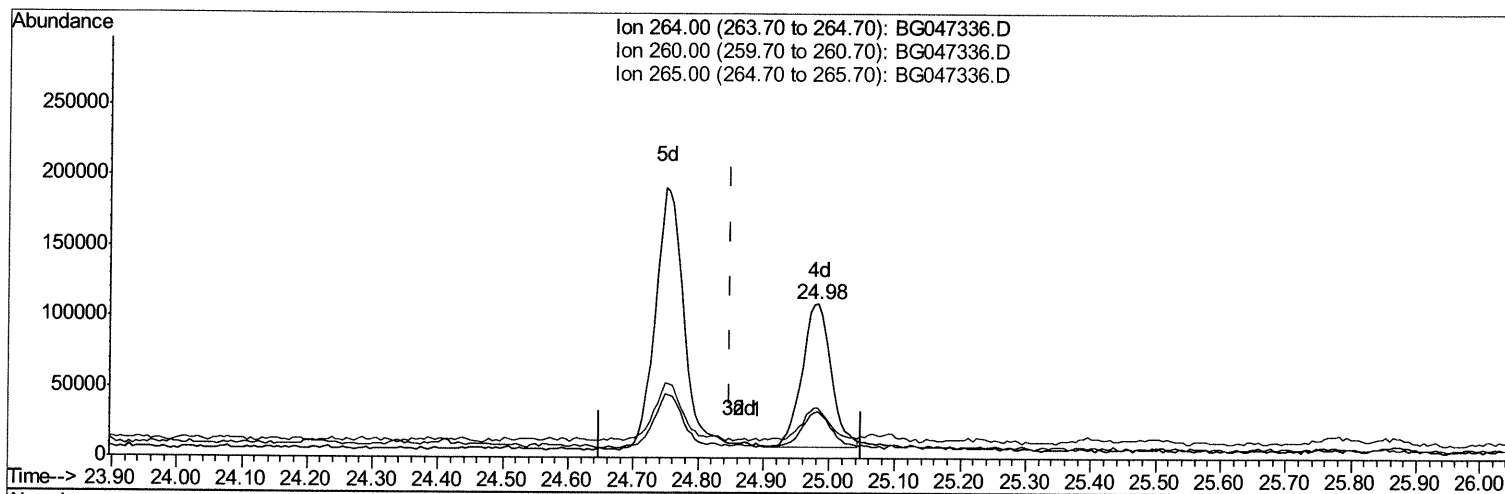
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8

Manual Integrations
APPROVED

mohammad
11/17/2020 4:10:08 PM

Quant Time: Nov 17 04:48:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration



(86) Perylene-d12 (I)

24.983min (+0.135) 20.00ng/ul m 12/03/2020

response 313562

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	30.18#
265.00	22.20	32.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

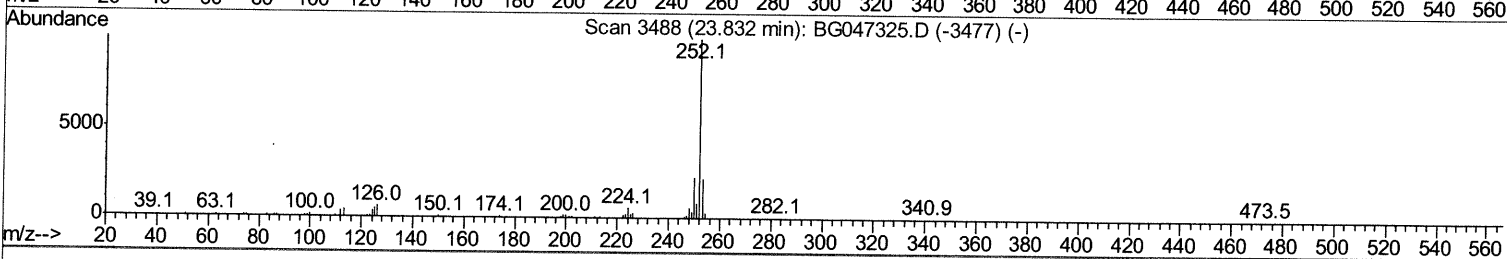
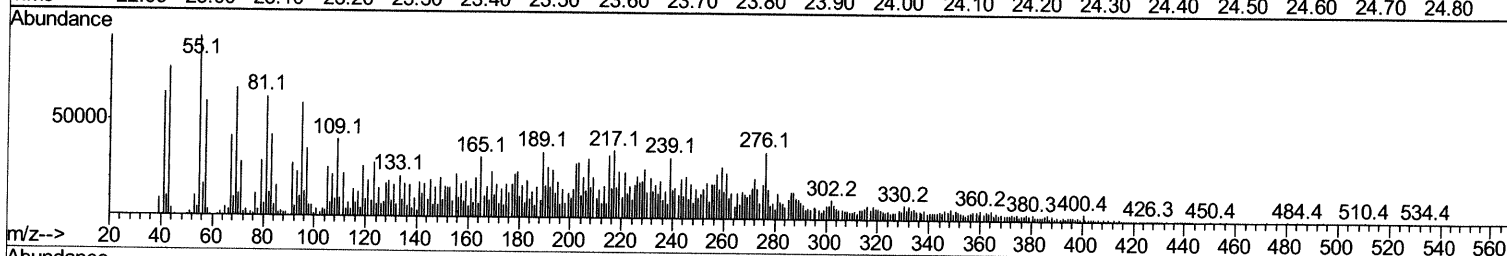
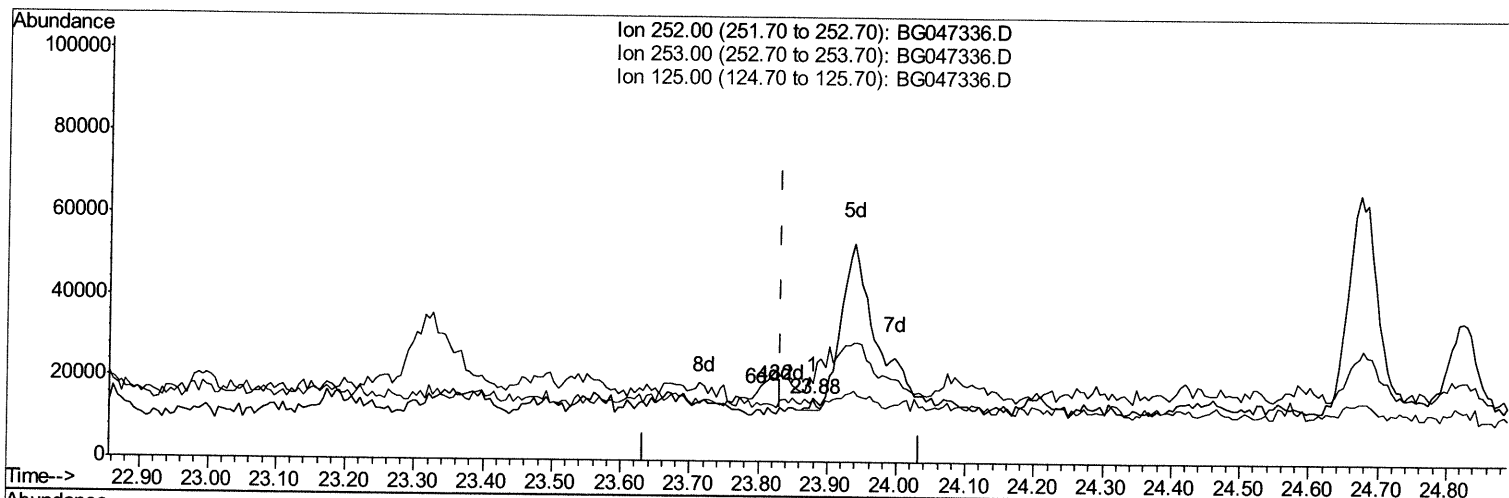
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047336.D
 Acq On : 16 Nov 2020 18:58
 Operator : CG/JU
 Sample : L4762-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0AC8

Manual Integrations
APPROVED

mohammad
 11/17/2020 4:10:08 PM

Quant Time: Nov 17 04:48:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 12:10:55 2020
 Response via : Initial Calibration



TIC: BG047336.D

(88) Benzo(b)fluoranthene

23.879min (+0.047) 0.13ng/ul

response 2641

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	122.93#
125.00	4.60	97.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

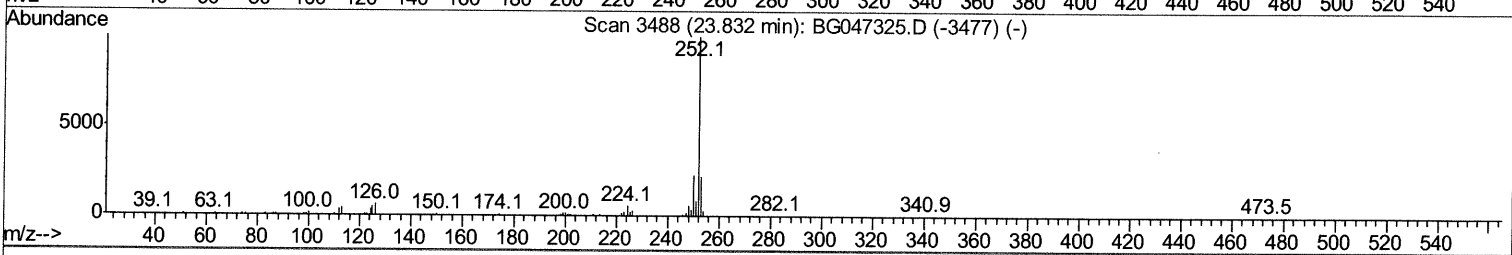
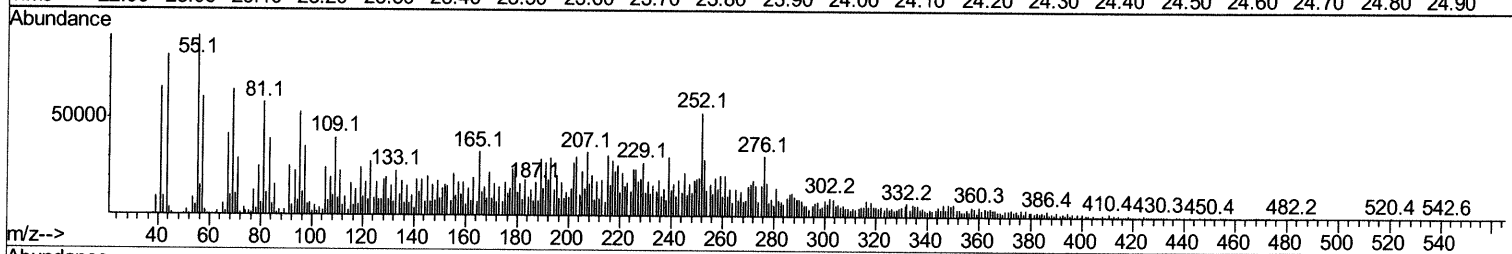
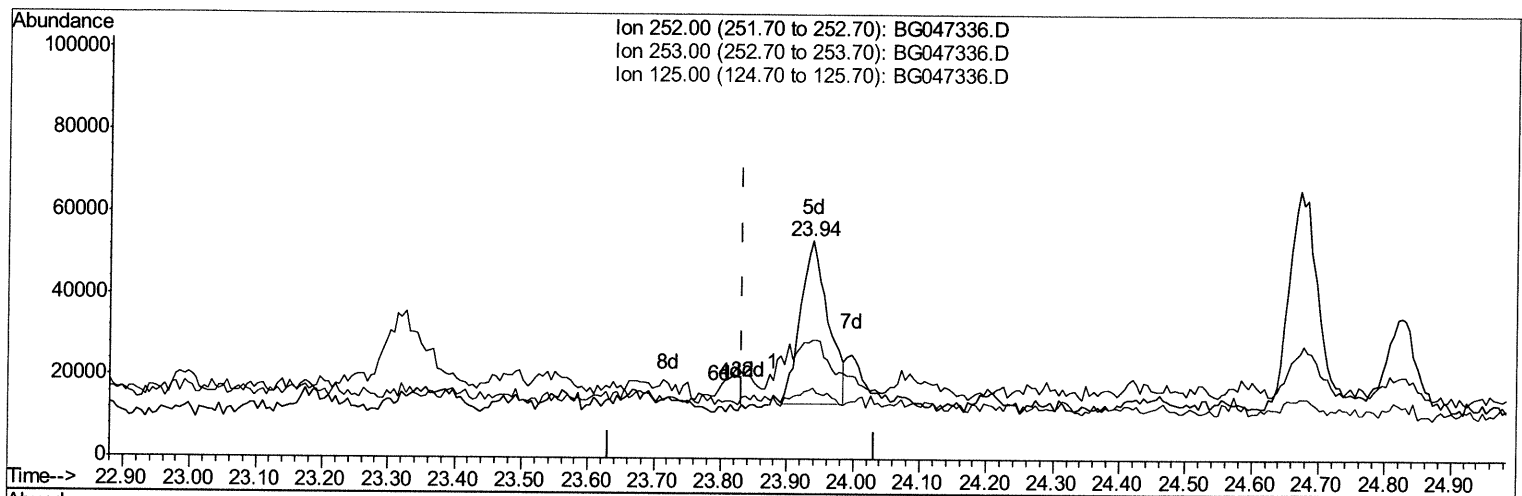
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8

Manual Integrations
APPROVED

mohammad
11/17/2020 4:10:08 PM

Quant Time: Nov 17 04:48:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration



TIC: BG047336.D

(88) Benzo(b)fluoranthene

23.938min (+0.105) 5.59ng/ul m 12/03/2020

response 116522

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	54.58#
125.00	4.60	32.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

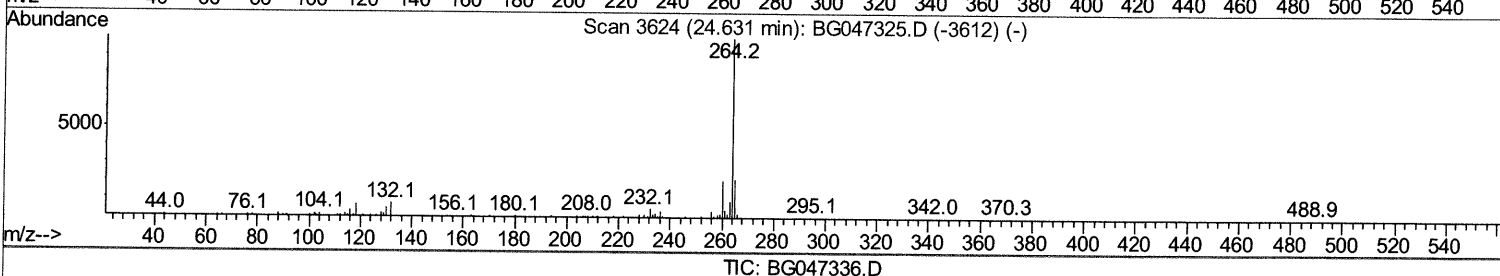
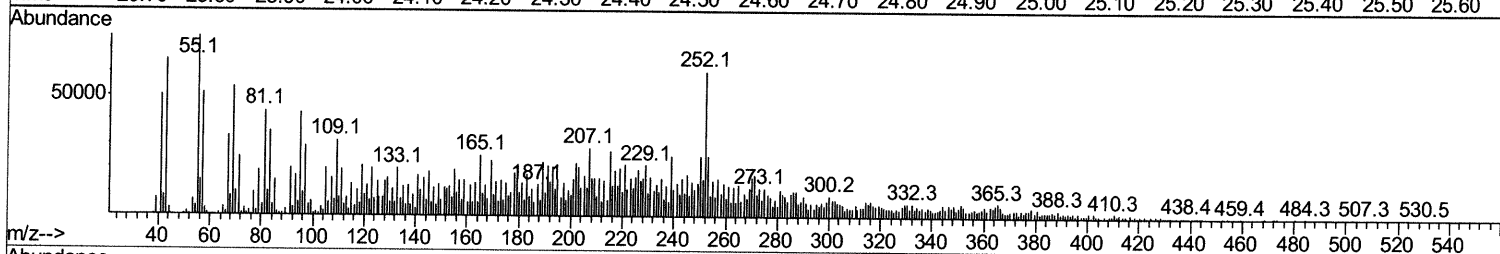
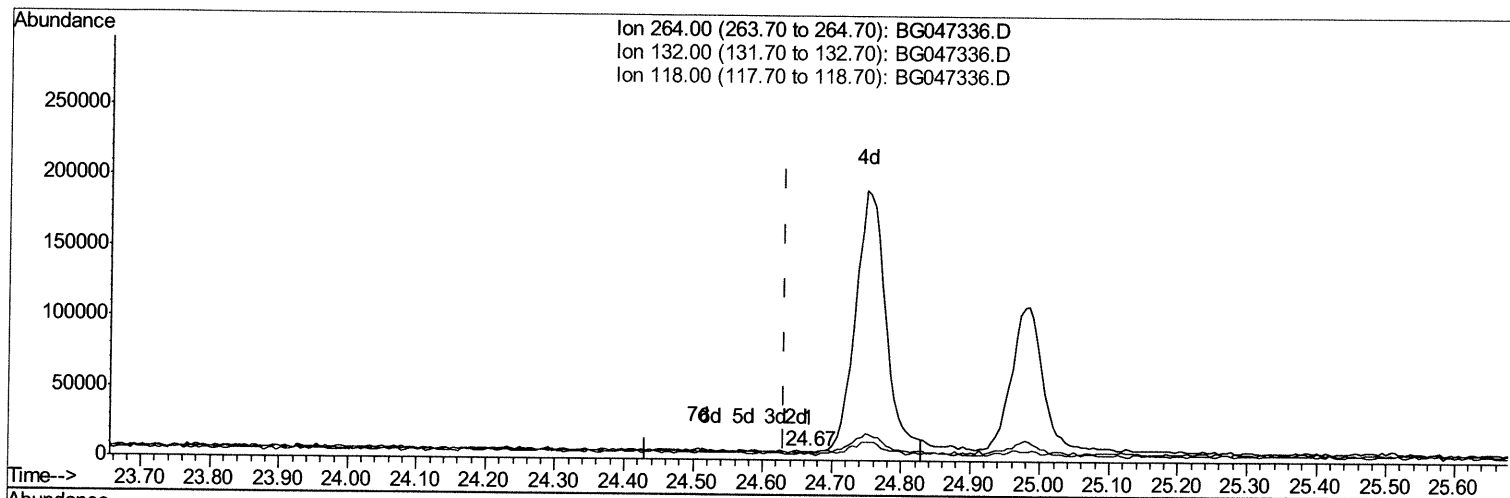
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8

Manual Integrations
APPROVED

mohammad
11/17/2020 4:10:08 PM

Quant Time: Nov 17 04:52:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration



(90) Benzo(a)pyrene-d12 (S)

24.666min (+0.035) 0.05ng/ul

response 940

Ion	Exp%	Act%
264.00	100	100
132.00	8.60	96.61#
118.00	5.20	84.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

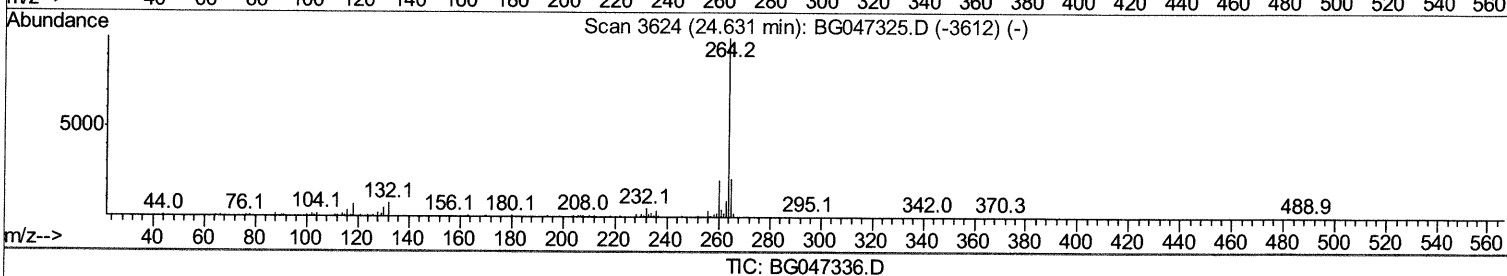
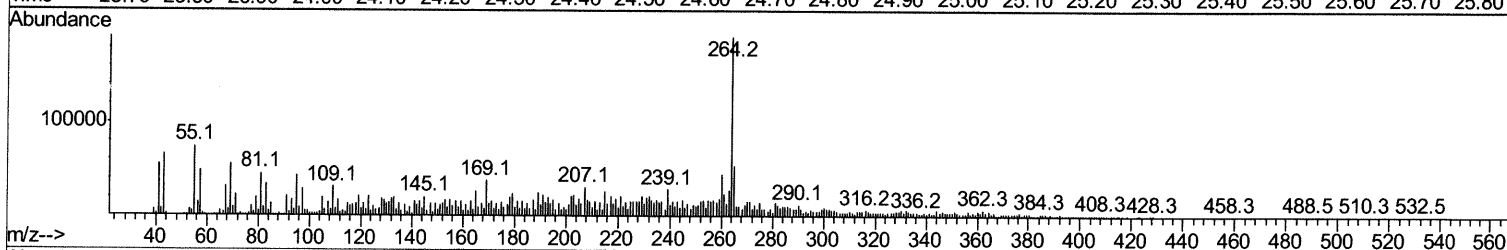
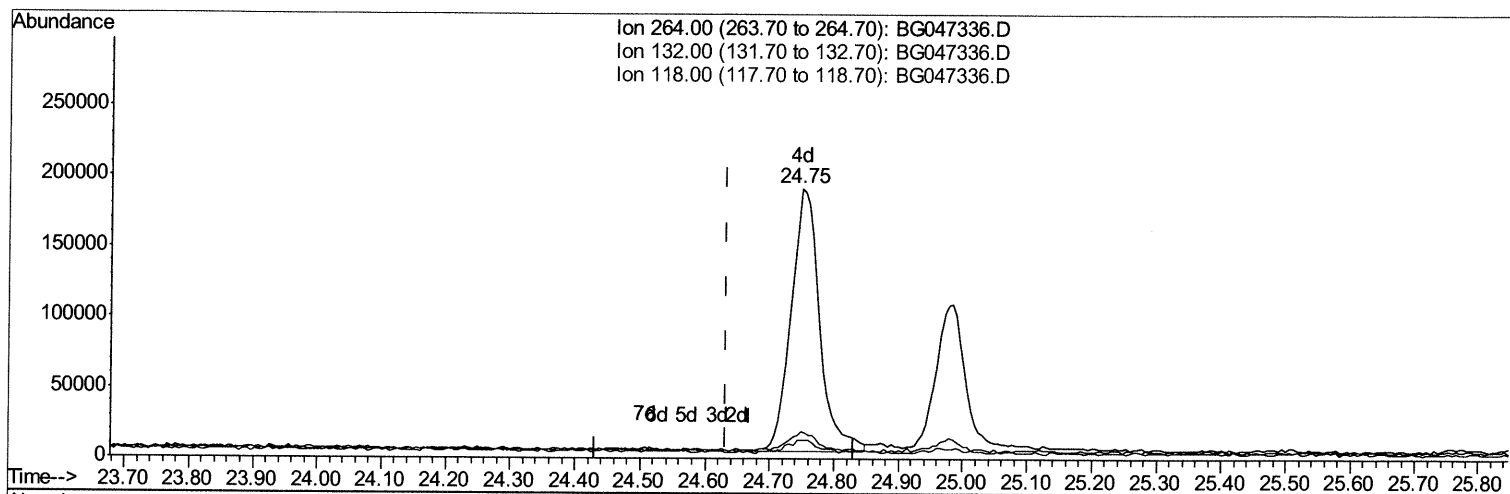
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8

Manual Integrations
APPROVED

mohammad
11/17/2020 4:10:08 PM

Quant Time: Nov 17 04:52:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration



(90) Benzo(a)pyrene-d12 (S)

24.748min (+0.117) 33.60ng/ul m 12/03/2020

response 579277

Ion	Exp%	Act%
264.00	100	100
132.00	8.60	9.82
118.00	5.20	6.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

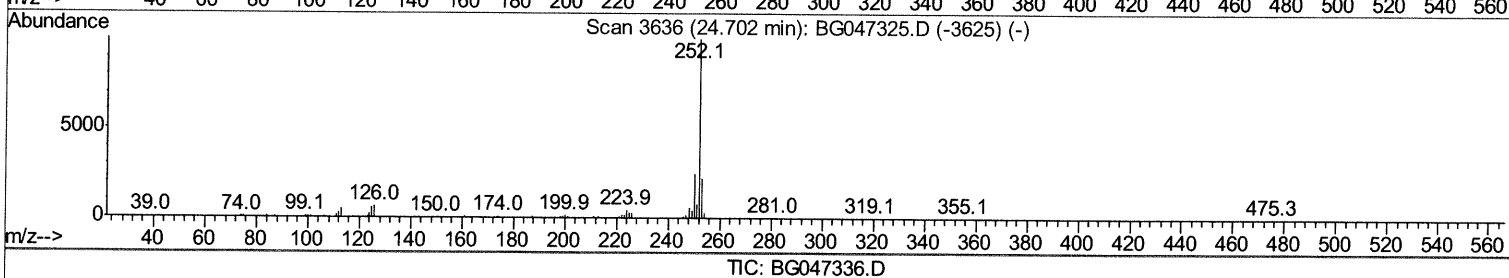
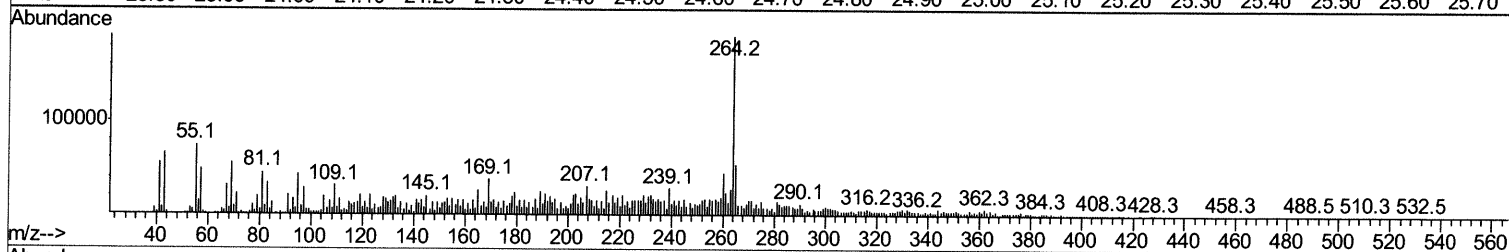
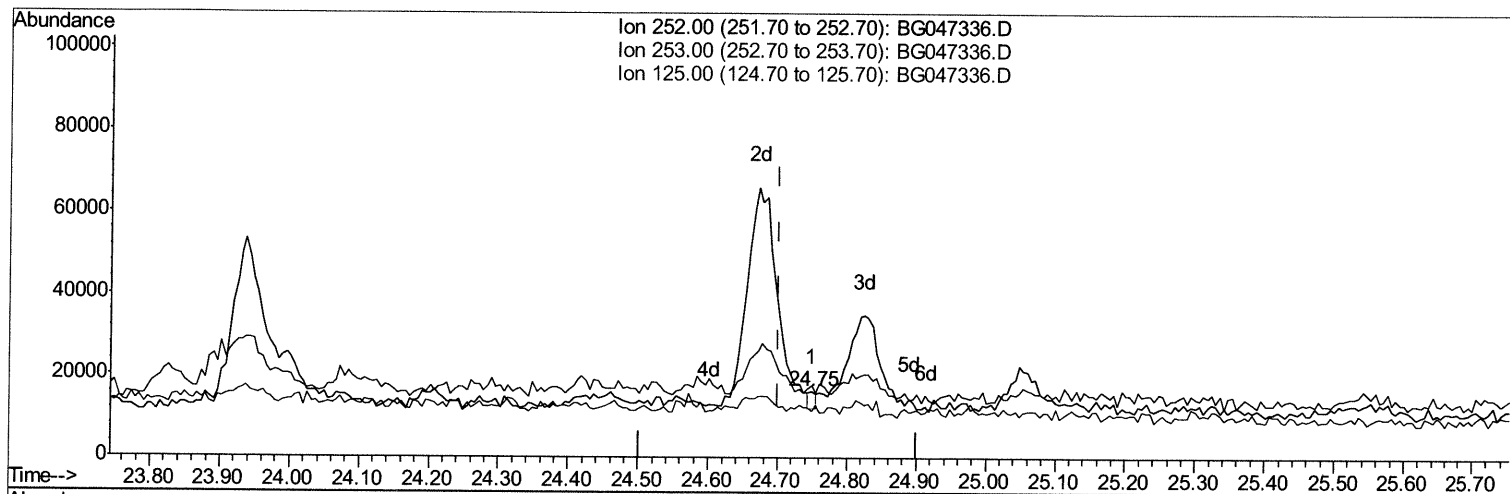
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047336.D
 Acq On : 16 Nov 2020 18:58
 Operator : CG/JU
 Sample : L4762-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC8

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:10:08 PM

Quant Time: Nov 17 04:53:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 12:10:55 2020
 Response via : Initial Calibration



(91) Benzo(a)pyrene (C)

24.748min (+0.047) 0.15ng/ul

response 2761

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	108.69#
125.00	5.30	69.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

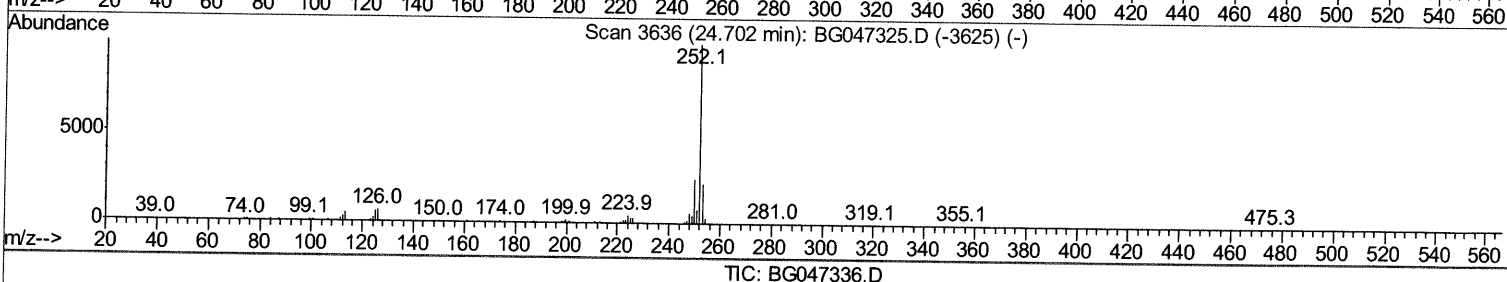
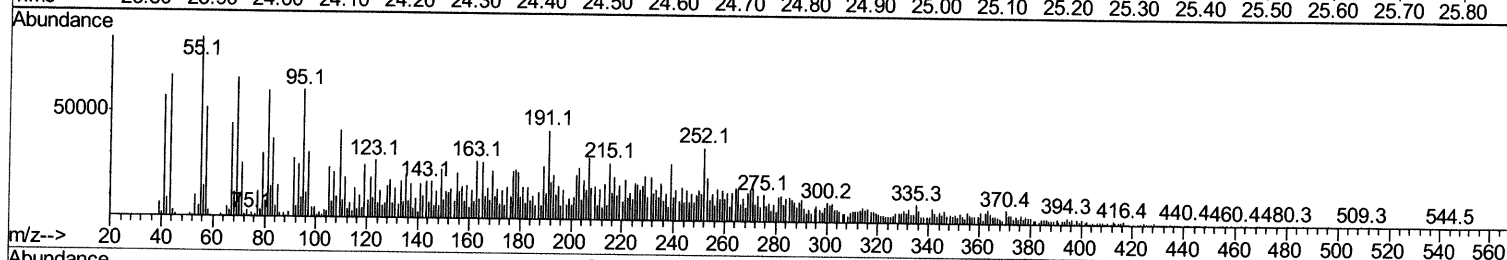
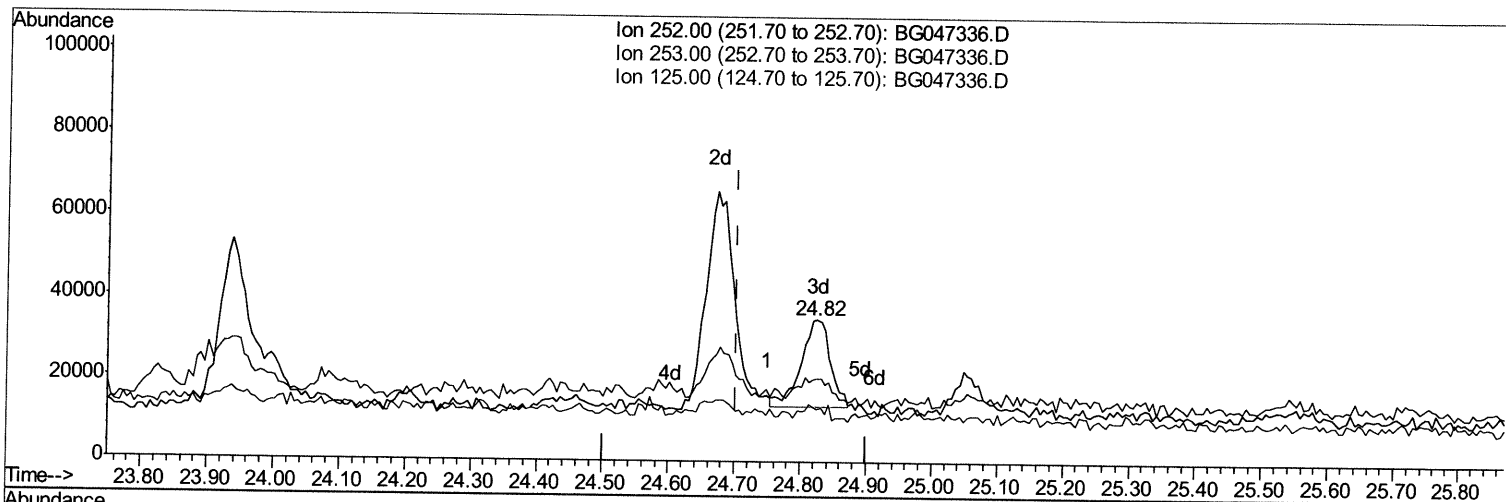
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8

Manual Integrations
APPROVED

mohammad
11/17/2020 4:10:08 PM

Quant Time: Nov 17 04:54:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration



TIC: BG047336.D

(91) Benzo(a)pyrene (C)

24.825min (+0.123) 3.47ng/ul m 12/03/2020

response 65130

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	59.13#
125.00	5.30	37.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

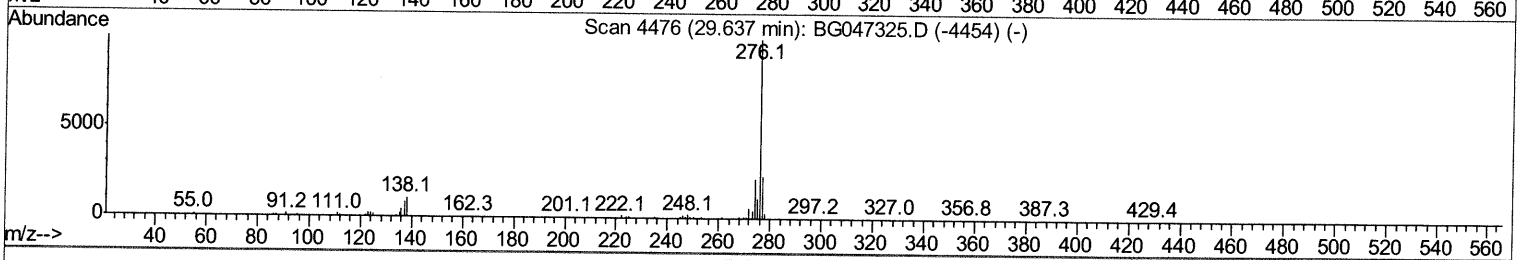
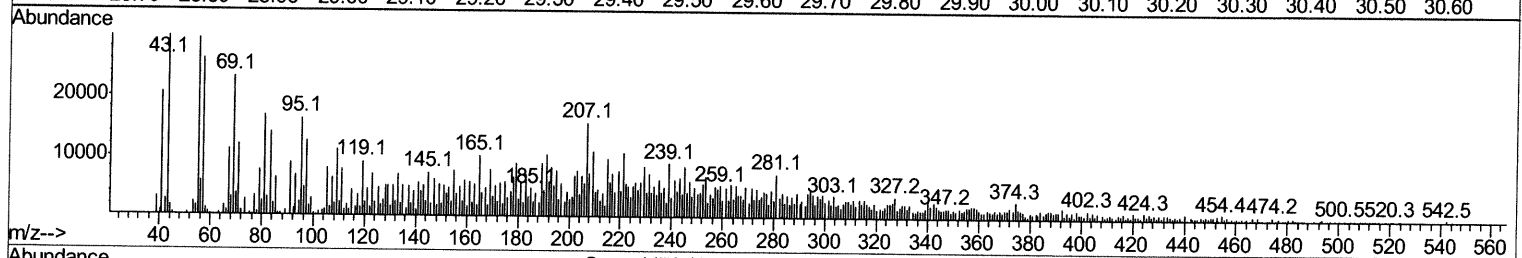
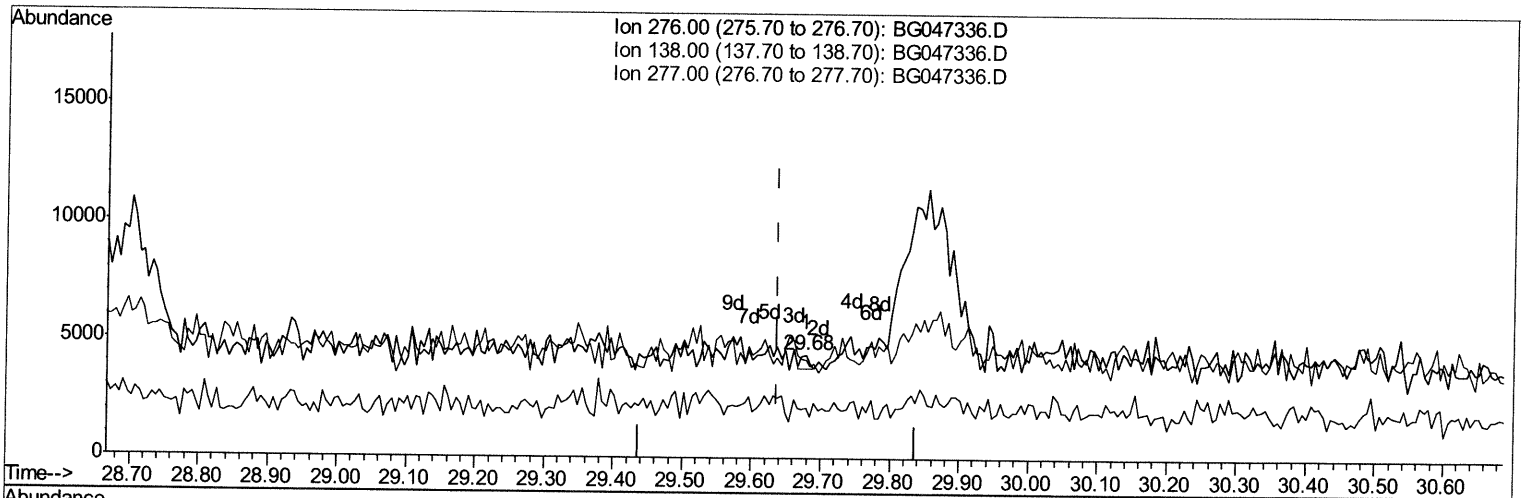
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8

Manual Integrations
APPROVED

mohammad
11/17/2020 4:10:08 PM

Quant Time: Nov 17 04:54:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration



TIC: BG047336.D

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

29.678min (+0.041) 0.02ng/ul

response 467

Ion	Exp%	Act%
276.00	100	100
138.00	11.30	48.86#
277.00	24.00	95.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

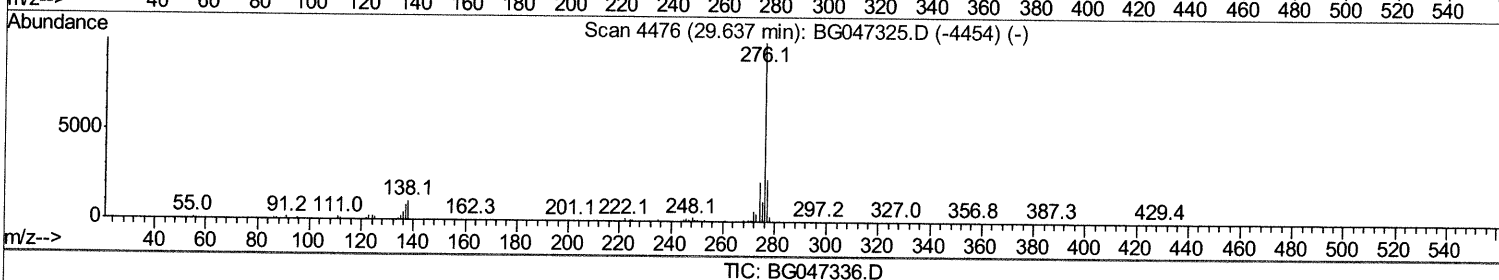
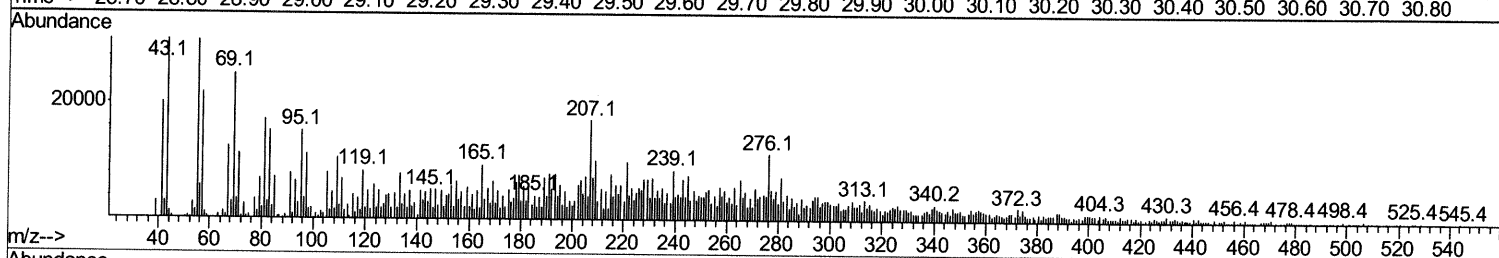
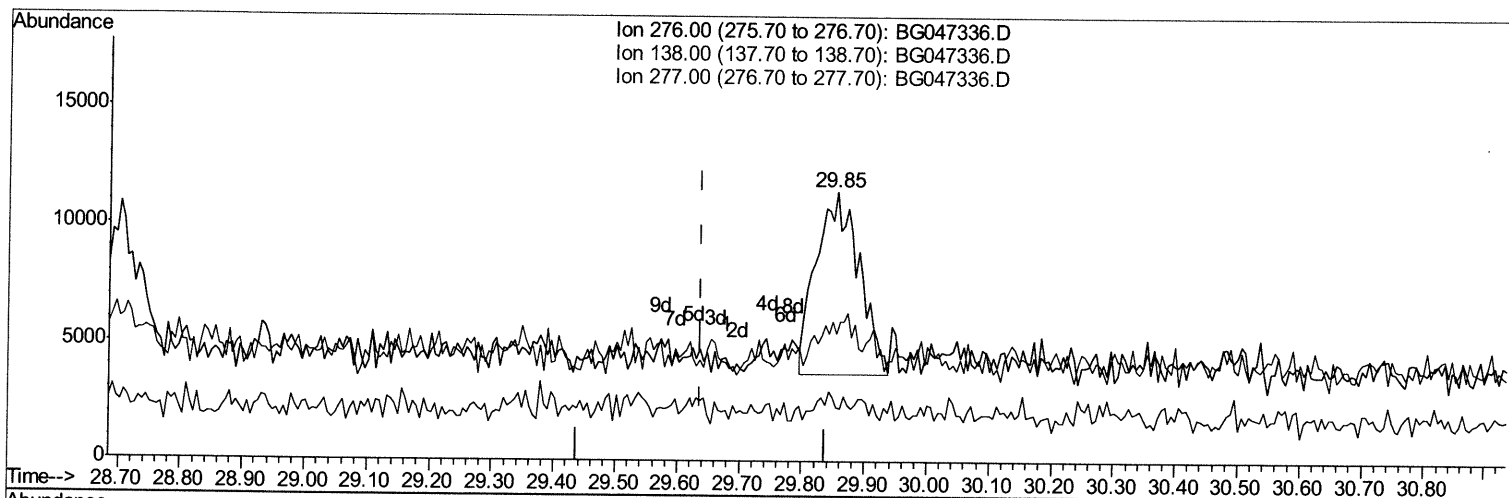
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8

Manual Integrations
APPROVED

mohammad
11/17/2020 4:10:08 PM

Quant Time: Nov 17 04:54:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration



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

29.854min (+0.217) 1.87ng/ul m 12/03/20 JU

response 36439

Ion	Exp%	Act%
276.00	100	100
138.00	11.30	20.05#
277.00	24.00	47.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

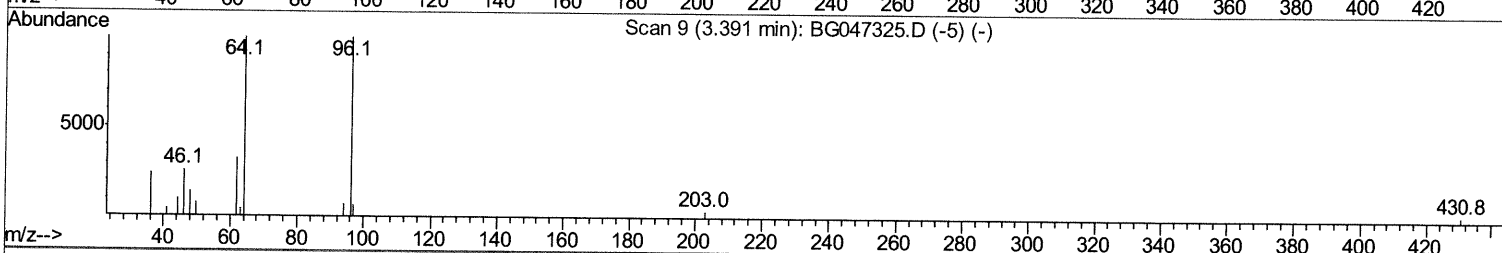
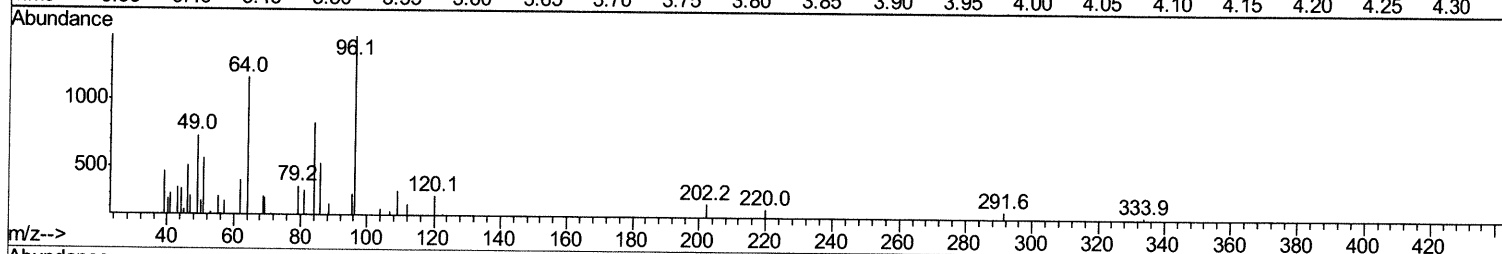
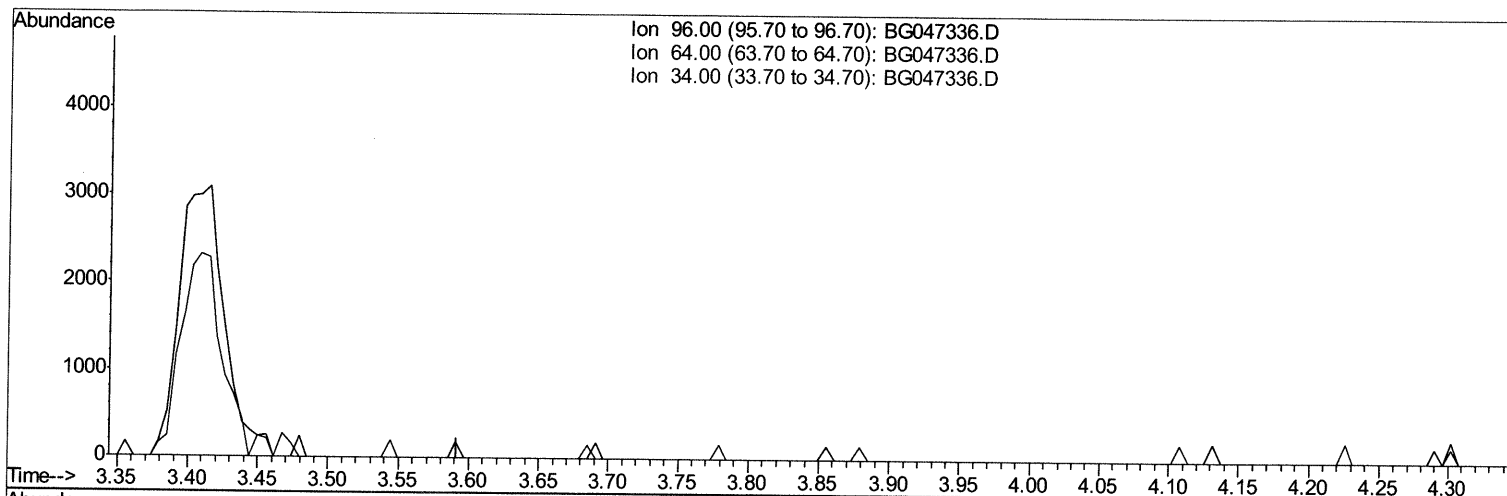
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047336.D
 Acq On : 16 Nov 2020 18:58
 Operator : CG/JU
 Sample : L4762-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC8

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:10:08 PM

Quant Time: Nov 17 04:57:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 12:10:55 2020
 Response via : Initial Calibration



TIC: BG047336.D

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

3.391min (-3.391) 0.00ng/uL

response 0

Ion	Exp%	Act%
96.00	100	0.00
64.00	83.50	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

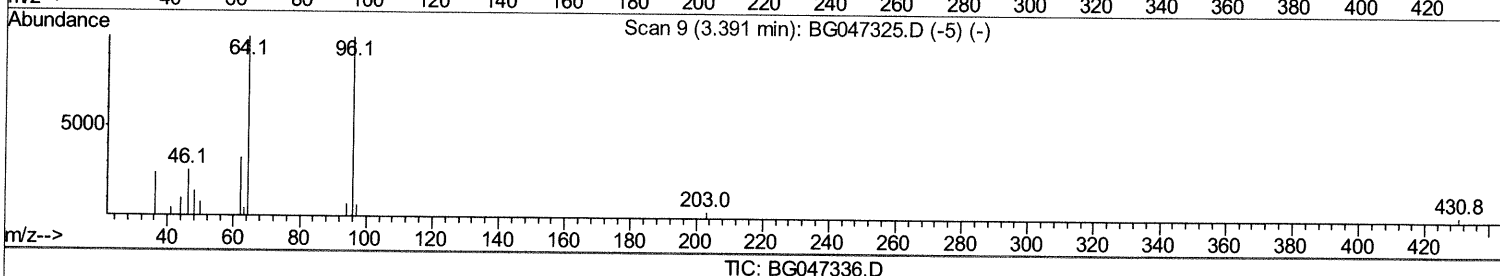
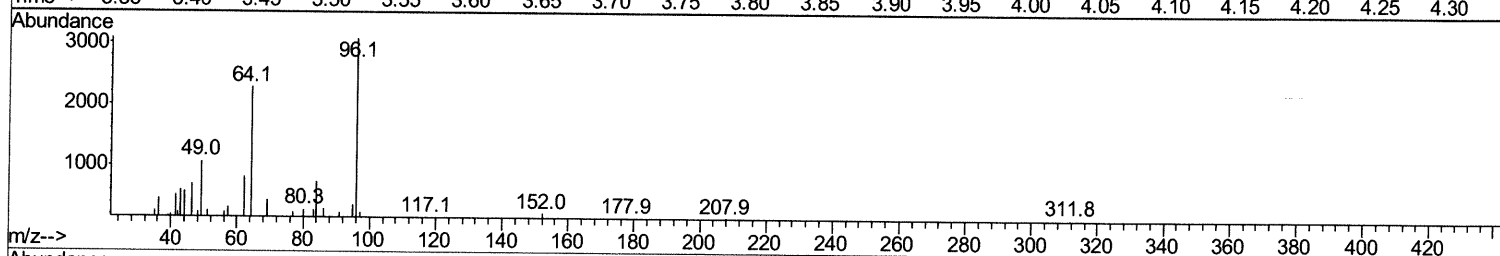
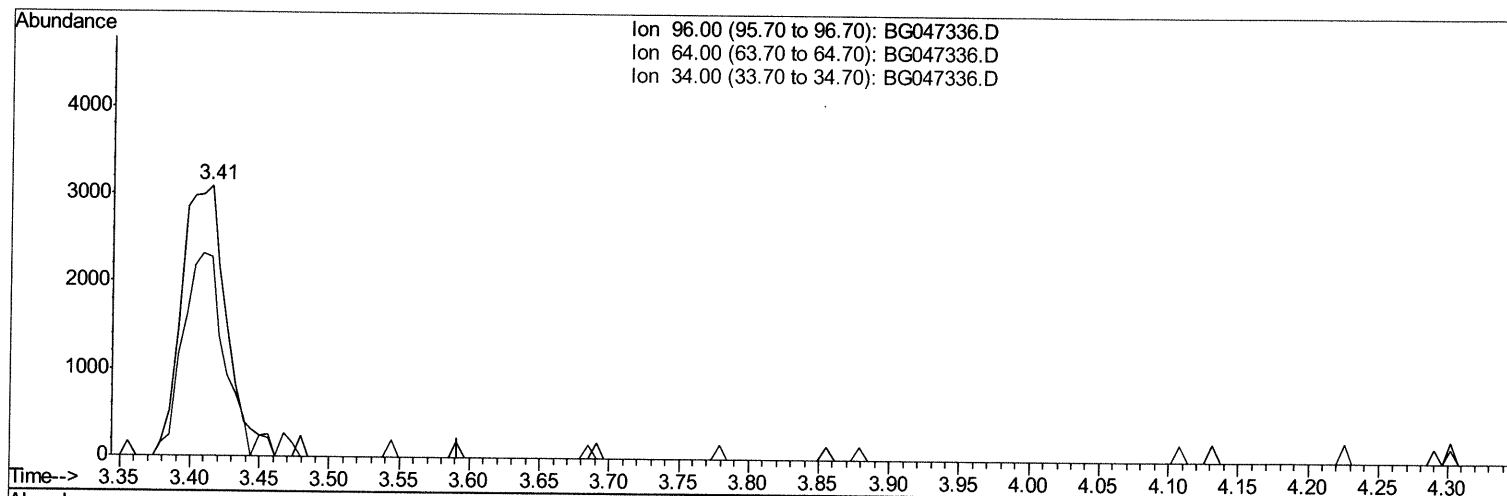
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047336.D
Acq On : 16 Nov 2020 18:58
Operator : CG/JU
Sample : L4762-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC8

Manual Integrations
APPROVED

mohammad
11/17/2020 4:10:08 PM

Quant Time: Nov 17 04:57:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
Response via : Initial Calibration



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

3.415min (+0.023) 4.64ng/uL m 12/03/2014

response 6938

Ion	Exp%	Act%
96.00	100	100
64.00	83.50	73.82
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

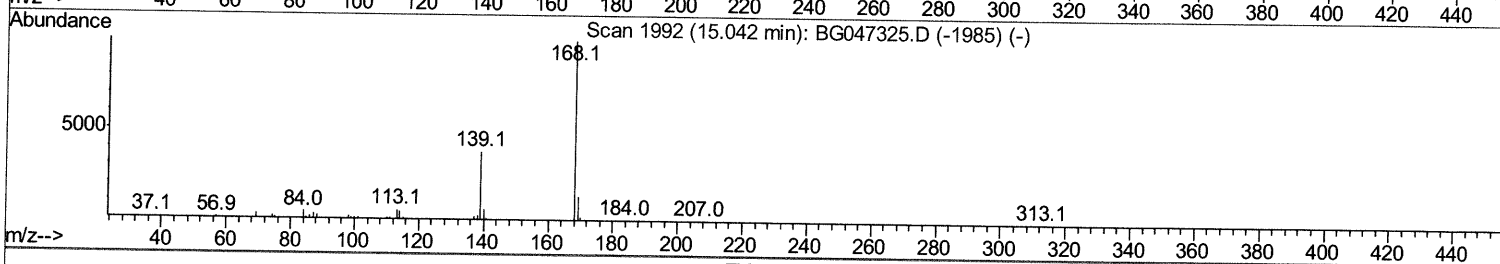
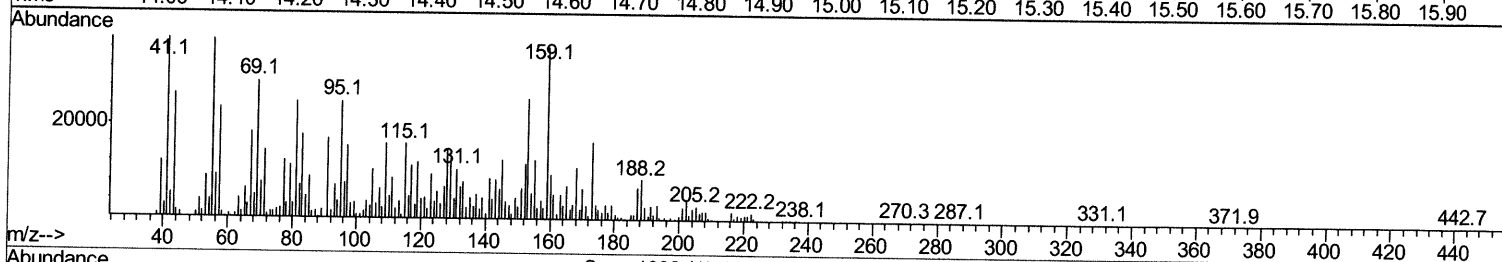
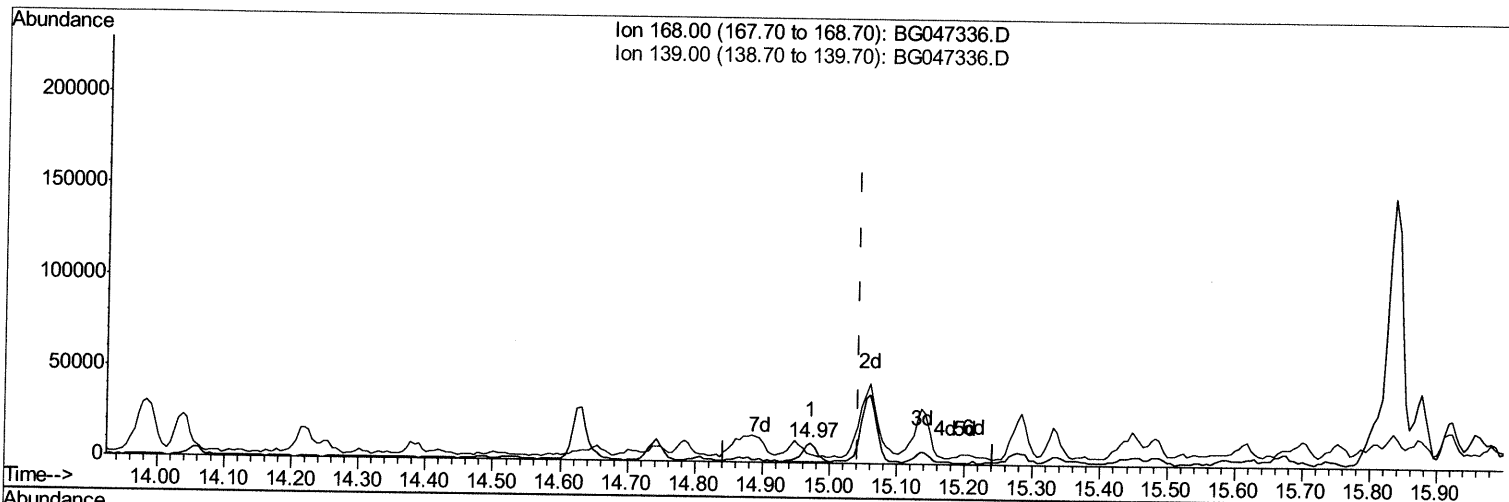
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047336.D
 Acq On : 16 Nov 2020 18:58
 Operator : CG/JU
 Sample : L4762-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0AC8

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:10:08 PM

Quant Time: Nov 17 07:39:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 12:10:55 2020
 Response via : Initial Calibration



TIC: BG047336.D

(54) Dibenzofuran

14.972min (-0.071) 1.03ng/ul

response 14640

Ion	Exp%	Act%
168.00	100	100
139.00	39.40	42.50
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

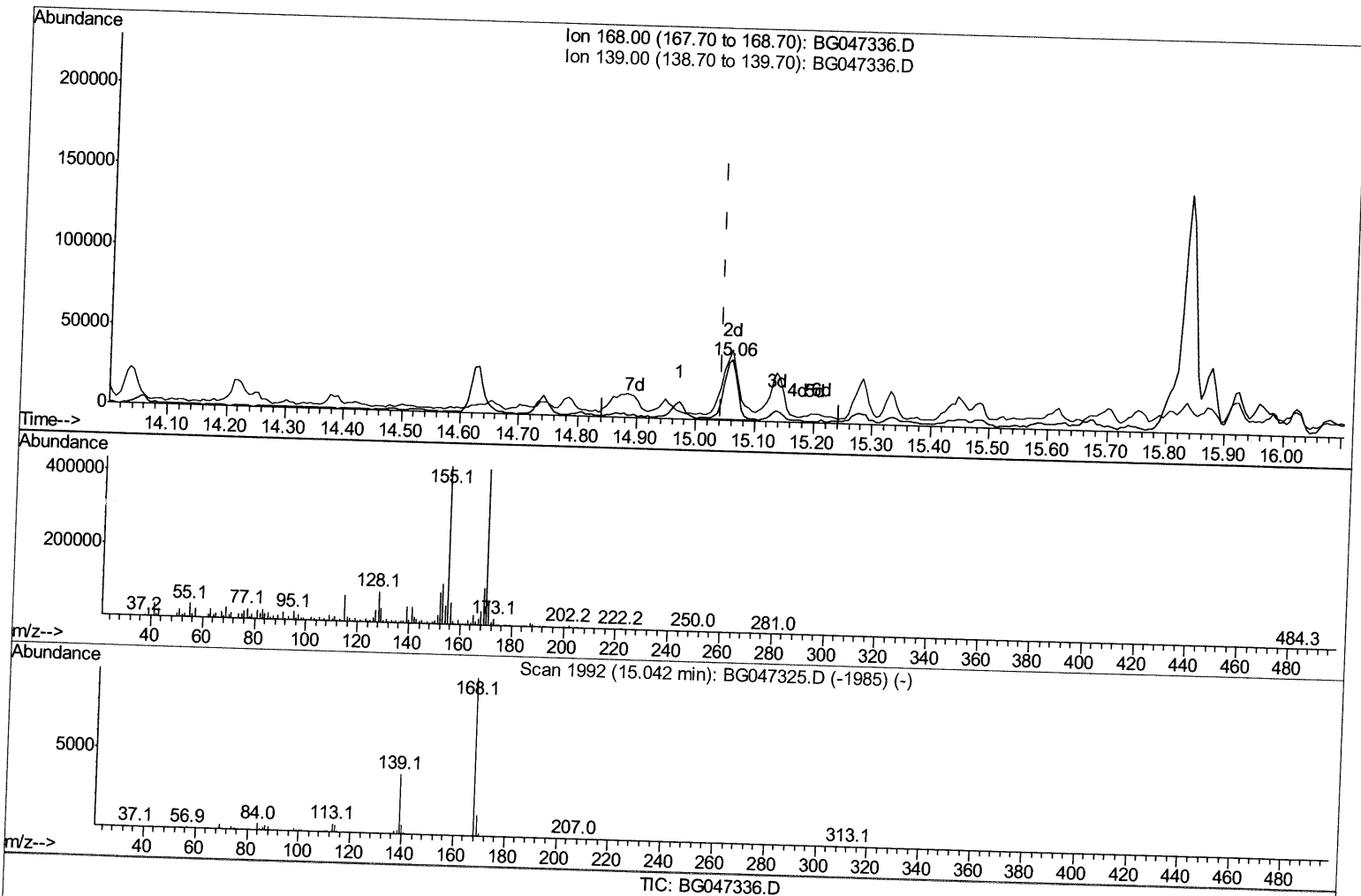
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047336.D
 Acq On : 16 Nov 2020 18:58
 Operator : CG/JU
 Sample : L4762-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC8

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:10:08 PM

Quant Time: Nov 17 07:39:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 12:10:55 2020
 Response via : Initial Calibration



(54) Dibenzofuran

15.060min (+0.017) 4.14ng/ul m (2/05/2020)

response 58959

Ion	Exp%	Act%
168.00	100	100
139.00	39.40	117.02#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047336.D
 Acq On : 16 Nov 2020 18:58
 Operator : CG/JU
 Sample : L4762-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 C0AC8

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:10:08 PM

Quant Time: Nov 17 07:40:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 12:10:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	60358	20.00	ng/ul	0.01
18) Naphthalene-d8	10.83	136	231964	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.66	164	148633	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.42	188	303118	20.00	ng/ul	0.02
78) Chrysene-d12	21.69	240	345878	20.00	ng/ul	0.04
86) Perylene-d12	24.98	264	313562m>	20.00	ng/ul>	0.13 12/03/2024
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	6938m>	4.64	ng/uL>	0.02 12/03/2024
5) Phenol-d5	7.19	99	161873	30.90	ng/ul	0.02
7) Bis-(2-Chloroethyl) ether-d	7.34	67	91980	30.53	ng/ul	0.02
9) 2-Chlorophenol-d4	7.55	132	133632	32.80	ng/ul	0.02
13) 4-Methylphenol-d8	8.73	113	133515	31.95	ng/ul	0.02
19) Nitrobenzene-d5	9.18	128	64494	33.17	ng/ul	0.02
22) 2-Nitrophenol-d4	9.91	143	52605	23.16	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.45	165	140390	31.68	ng/ul	0.02
29) 4-Chloroaniline-d4	10.96	131	124597	32.97	ng/ul	0.02
44) Dimethylphthalate-d6	14.06	166	357706	29.27	ng/ul	0.01
47) Acenaphthylene-d8	14.35	160	456335	31.56	ng/ul	0.02
52) 4-Nitrophenol-d4	14.88	143	61141	31.78	ng/ul	0.03
58) Fluorene-d10	15.65	176	327805	28.89	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.75	200	2134	1.02	ng/ul	0.00
71) Anthracene-d10	17.51	188	482978	32.87	ng/ul	0.02
79) Pyrene-d10	19.80	212	559694	28.37	ng/ul	0.03
90) Benzo(a)pyrene-d12	24.75	264	579277m>	33.60	ng/ul>	0.12 12/03/2024
Target Compounds						
28) Naphthalene	10.88	128	65182	5.002	ng/ul#	88
34) 2-Methylnaphthalene	12.49	142	188801	20.307	ng/ul	99
41) 1,1'-Biphenyl	13.49	154	34335	2.928	ng/ul#	96
45) Dimethylphthalate	14.11	163	98293	8.014	ng/ul#	94
48) Acenaphthylene	14.39	152	19480	1.440	ng/ul#	10
50) Acenaphthene	14.73	153	48327	4.938	ng/ul#	68
54) Dibenzofuran	15.06	168	58959m>	4.140	ng/ul>	12/03/2024
59) Fluorene	15.71	166	42261	3.615	ng/ul#	76
70) Phenanthrene	17.46	178	751867	44.225	ng/ul#	96
72) Anthracene	17.55	178	74009	4.332	ng/ul#	74
77) Fluoranthene	19.47	202	189795	9.275	ng/ul#	96
80) Pyrene	19.83	202	769162	32.496	ng/ul	98
83) Benzo(a)anthracene	21.68	228	121330	5.178	ng/ul#	32
84) Bis(2-ethylhexyl)phthalate	21.56	149	13381	1.110	ng/ul#	1
85) Chrysene	21.74	228	302332m>	13.411	ng/ul	12/03/2024
88) Benzo(b)fluoranthene	23.94	252	116522m>	5.594	ng/ul	
91) Benzo(a)pyrene	24.82	252	65130m>	3.472	ng/ul	
94) Benzo(g,h,i)perylene	29.85	276	36439m>	1.870	ng/ul	

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