

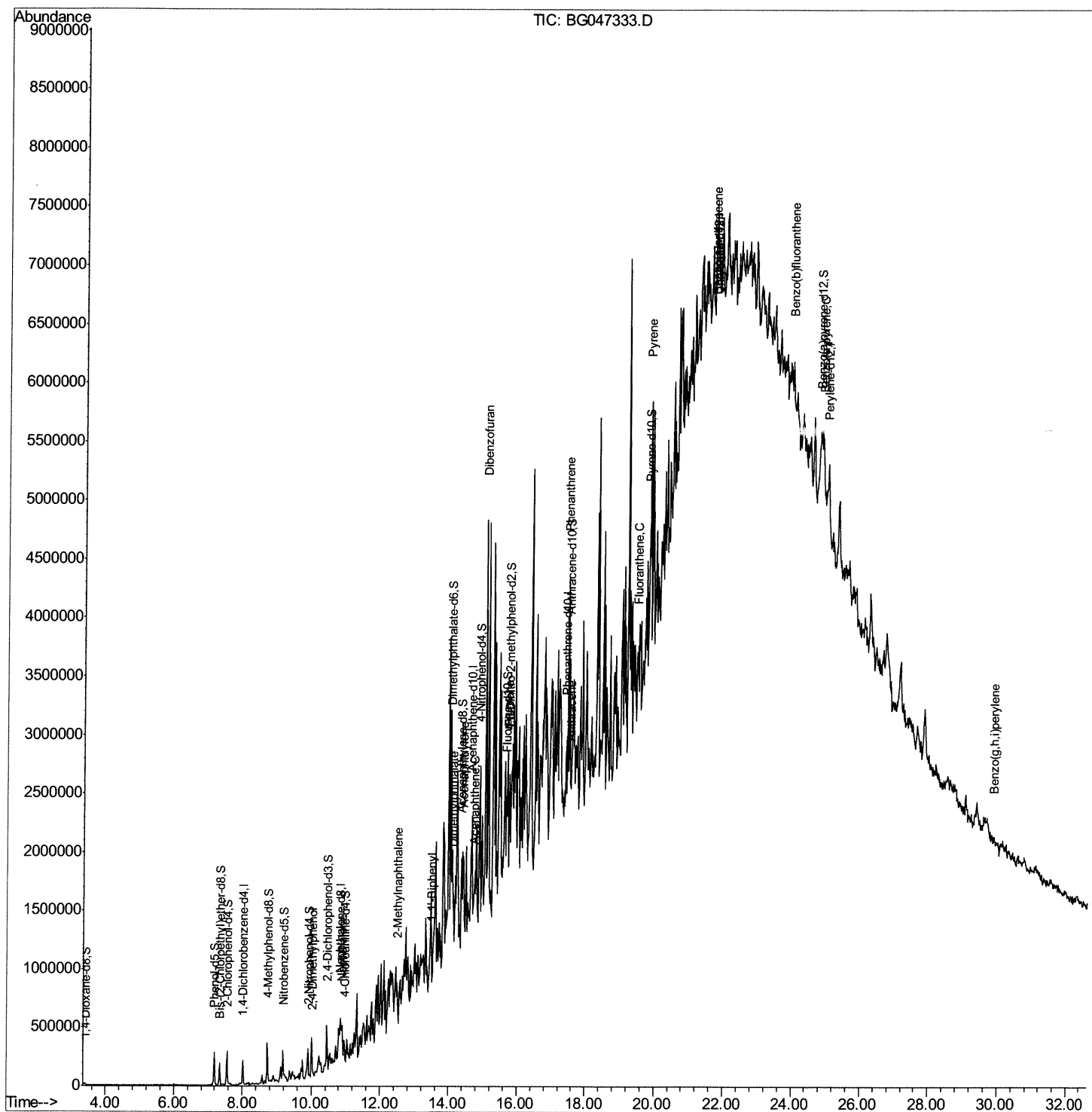
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC4

Manual Integrations
APPROVED

mohammad
11/17/2020 4:09:59 PM

Quant Time: Nov 17 07:34:29 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)

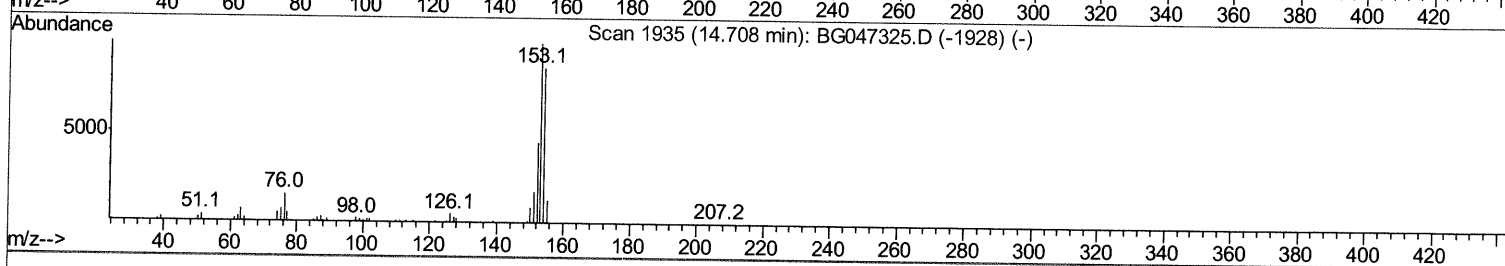
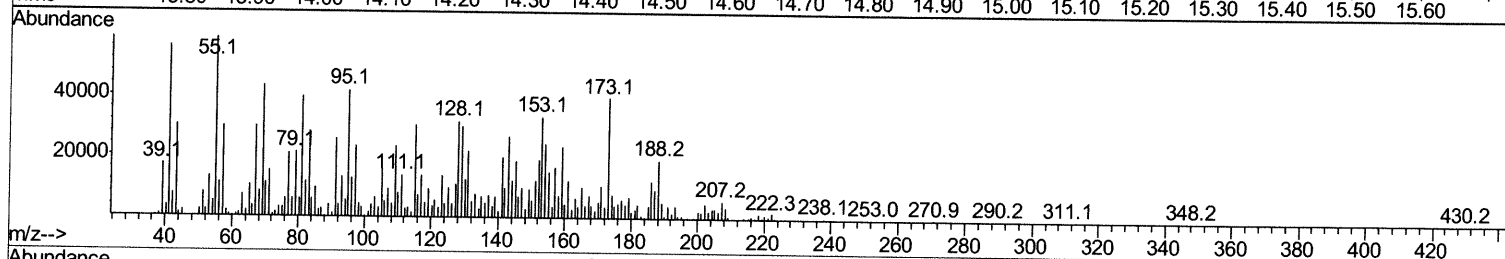
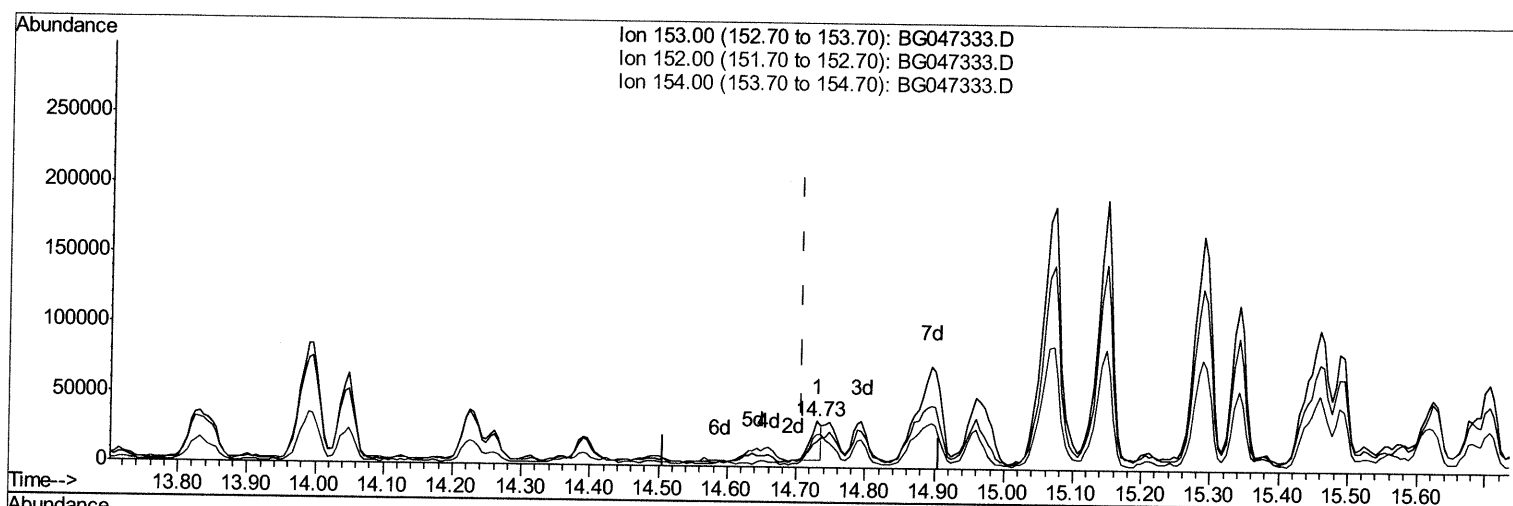
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC4

Manual Integrations
APPROVED

mohammad
11/17/2020 4:09:59 PM

Quant Time: Nov 17 02:35:41 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: BG047333.D

(50) Acenaphthene (C)

14.730min (+0.023) 3.59ng/ul

response 32984

Ion	Exp%	Act%
153.00	100	100
152.00	46.20	57.22#
154.00	92.50	72.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

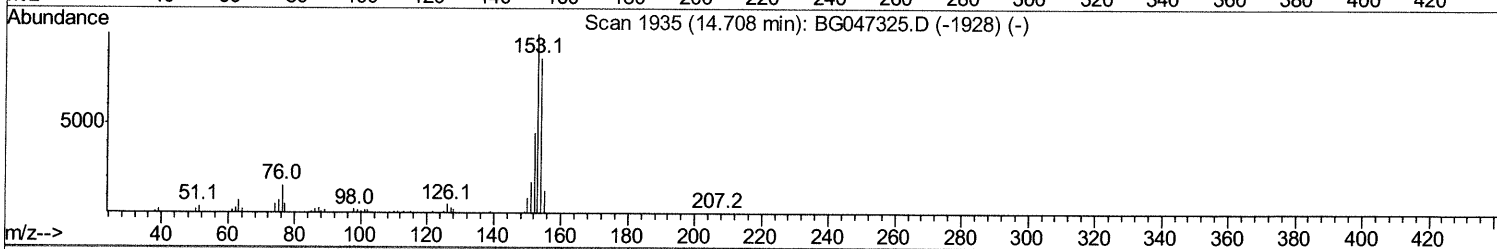
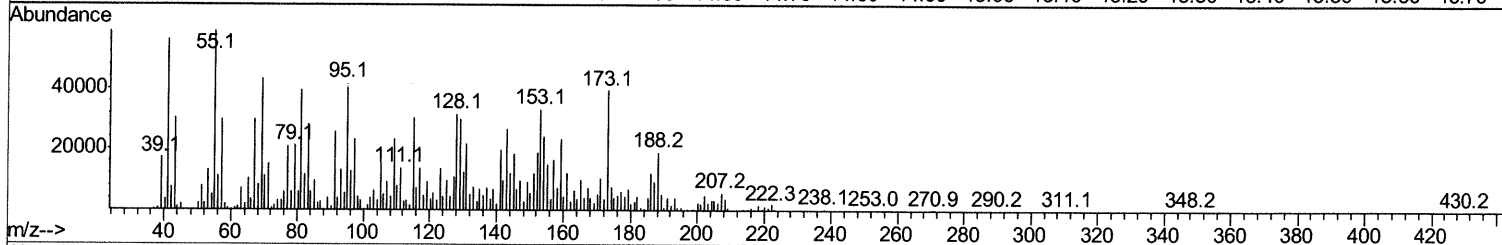
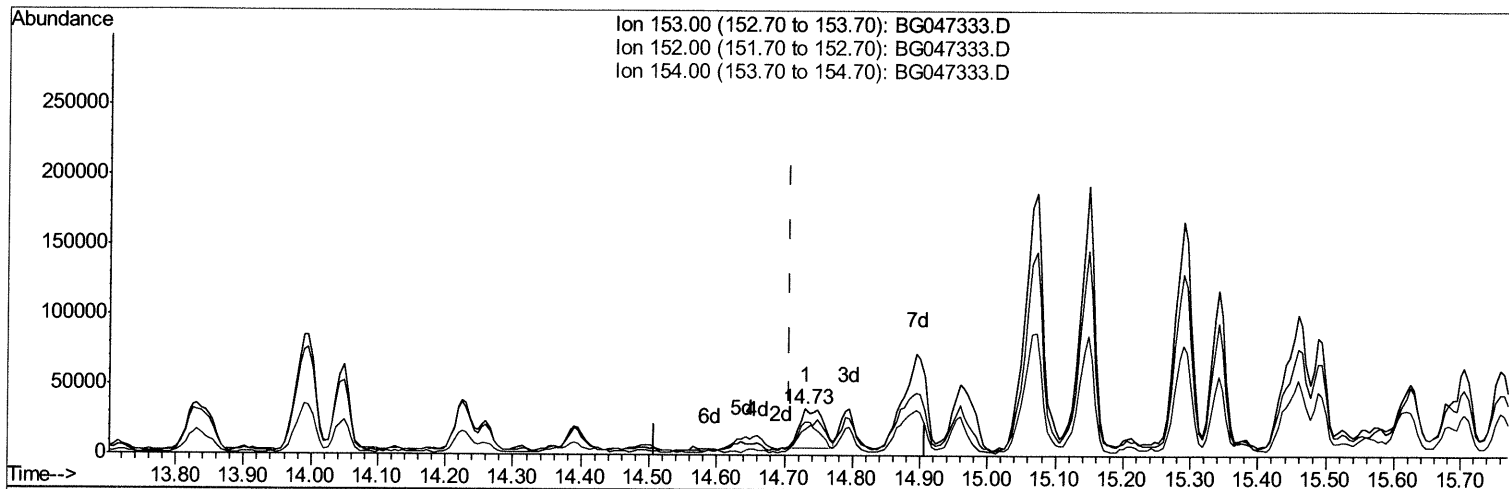
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047333.D
 Acq On : 16 Nov 2020 16:57
 Operator : CG/JU
 Sample : L4762-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:59 PM

Quant Time: Nov 17 02:40:45 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: BG047333.D

(50) Acenaphthene (C)

14.730min (+0.023) 7.51ng/ul m 12/03/20 JU

response 69021

Ion	Exp%	Act%
153.00	100	100
152.00	46.20	57.22#
154.00	92.50	72.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

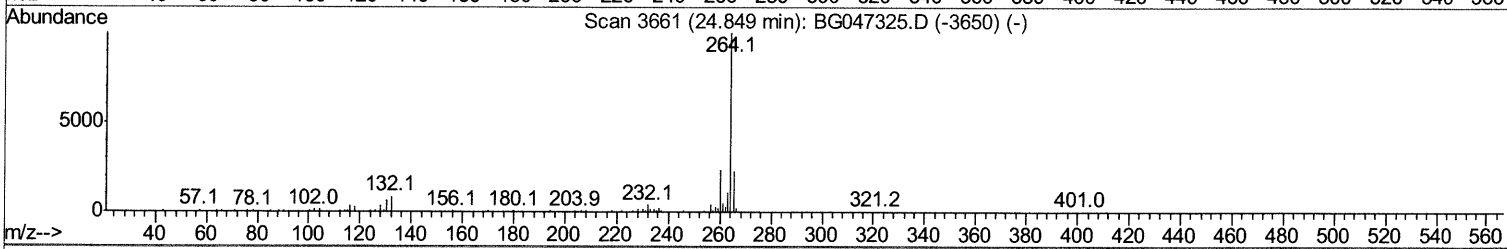
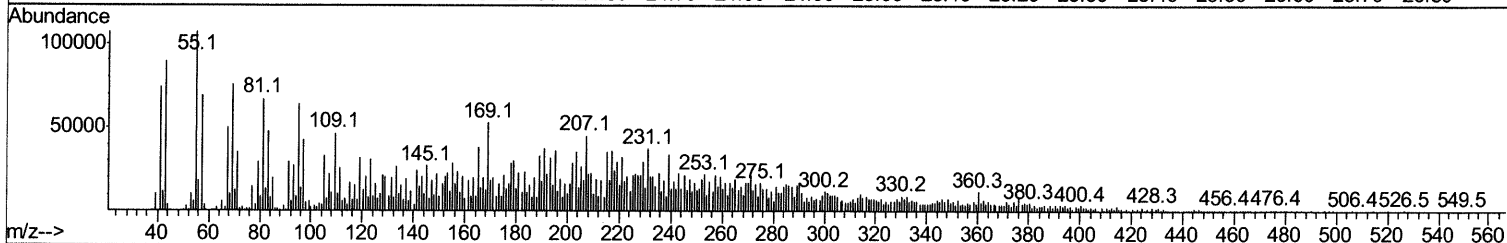
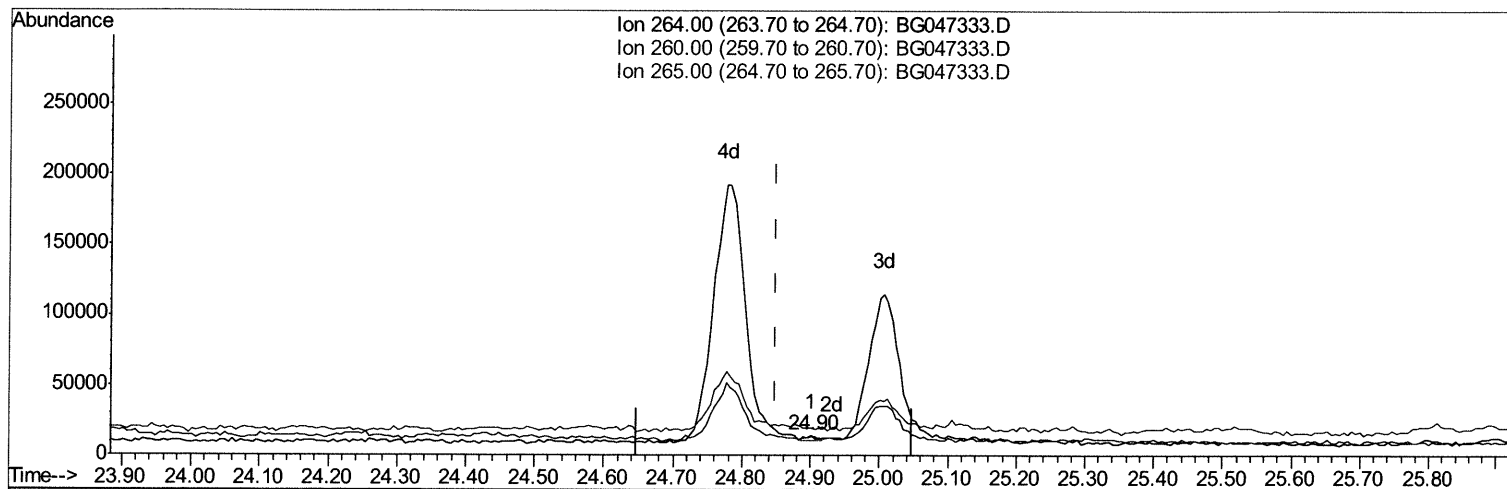
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047333.D
 Acq On : 16 Nov 2020 16:57
 Operator : CG/JU
 Sample : L4762-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:59 PM

Quant Time: Nov 17 02:40:45 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: BG047333.D

(86) Perylene-d12 (I)

24.901min (+0.052) 20.00ng/ul

response 3049

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	93.21#
265.00	22.20	137.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

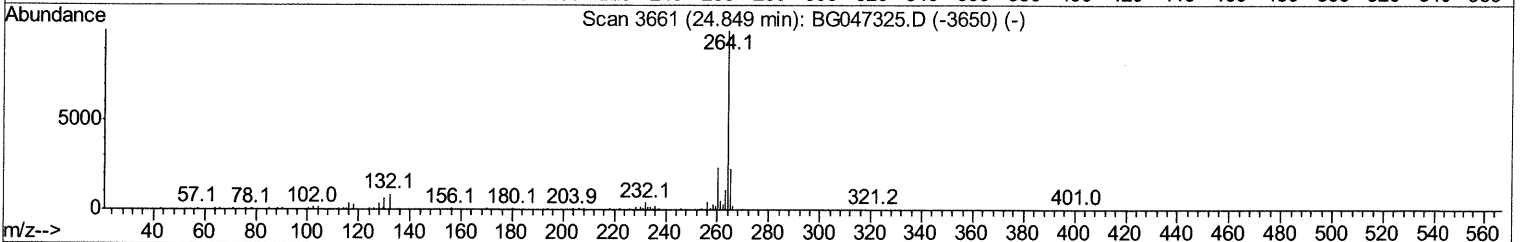
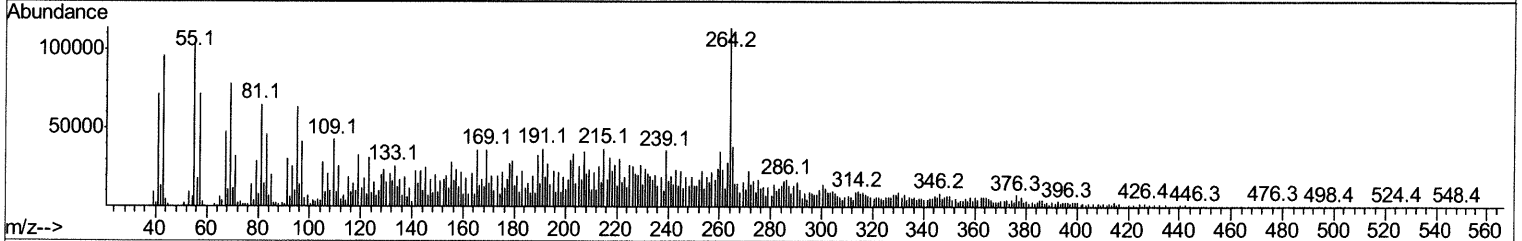
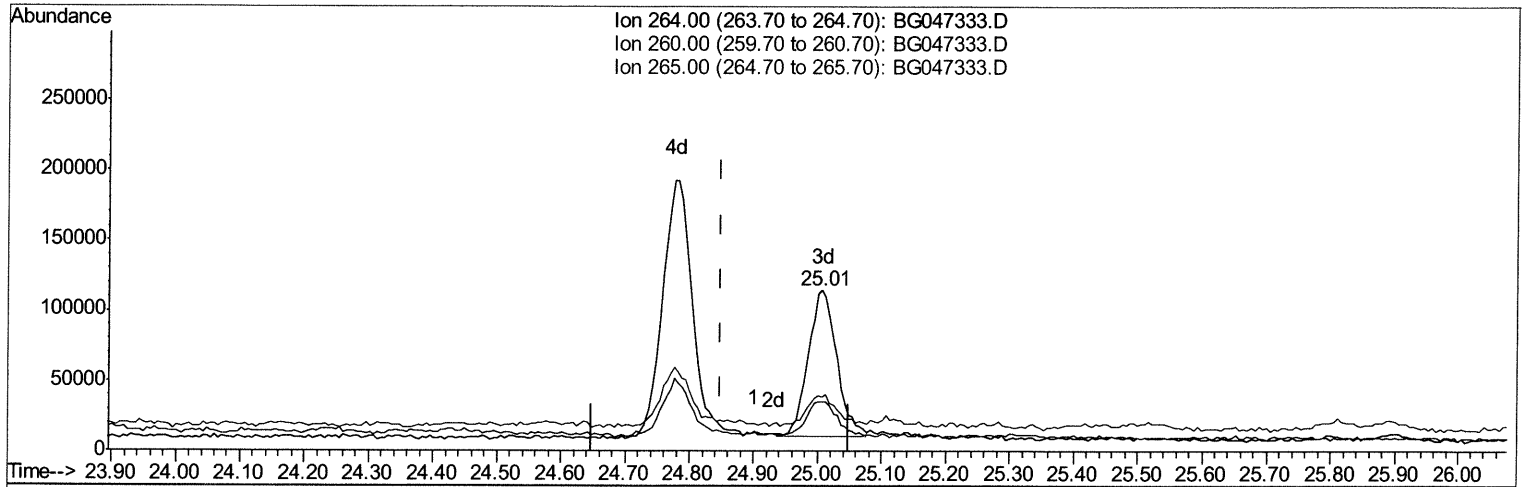
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047333.D
 Acq On : 16 Nov 2020 16:57
 Operator : CG/JU
 Sample : L4762-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0AC4

Manual Integrations
APPROVED

mohammad
 11/17/2020 4:09:59 PM

Quant Time: Nov 17 02:40:45 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: BG047333.D

(86) Perylene-d12 (I)

25.006min (+0.158) 20.00ng/ul m 12/03/2024

response 319149

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	30.92#
265.00	22.20	33.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

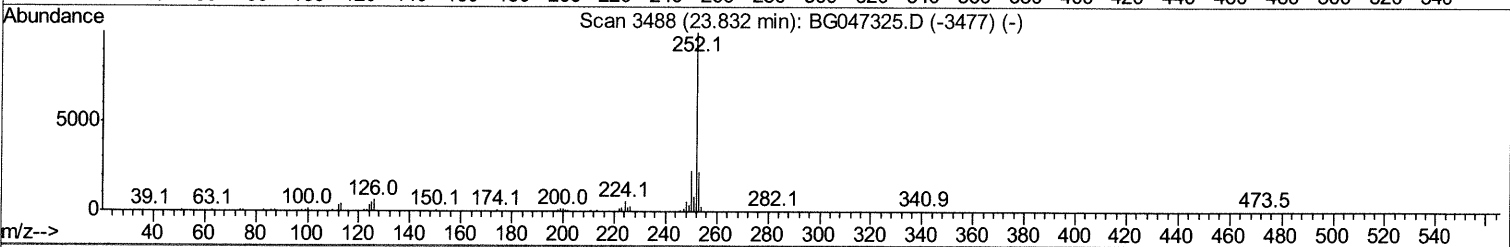
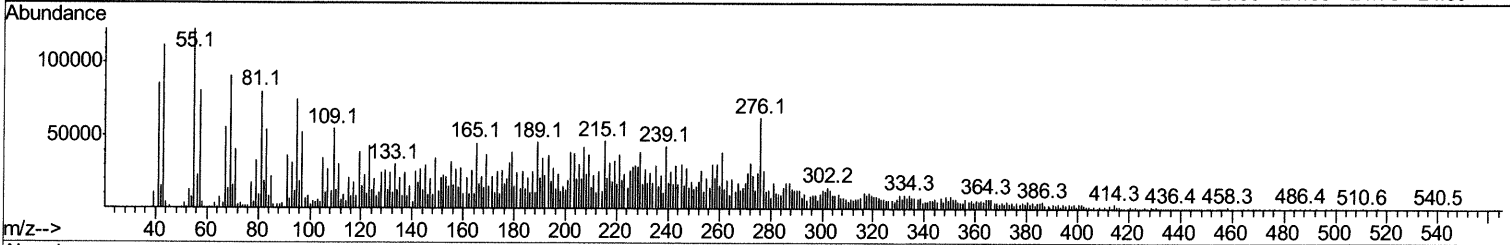
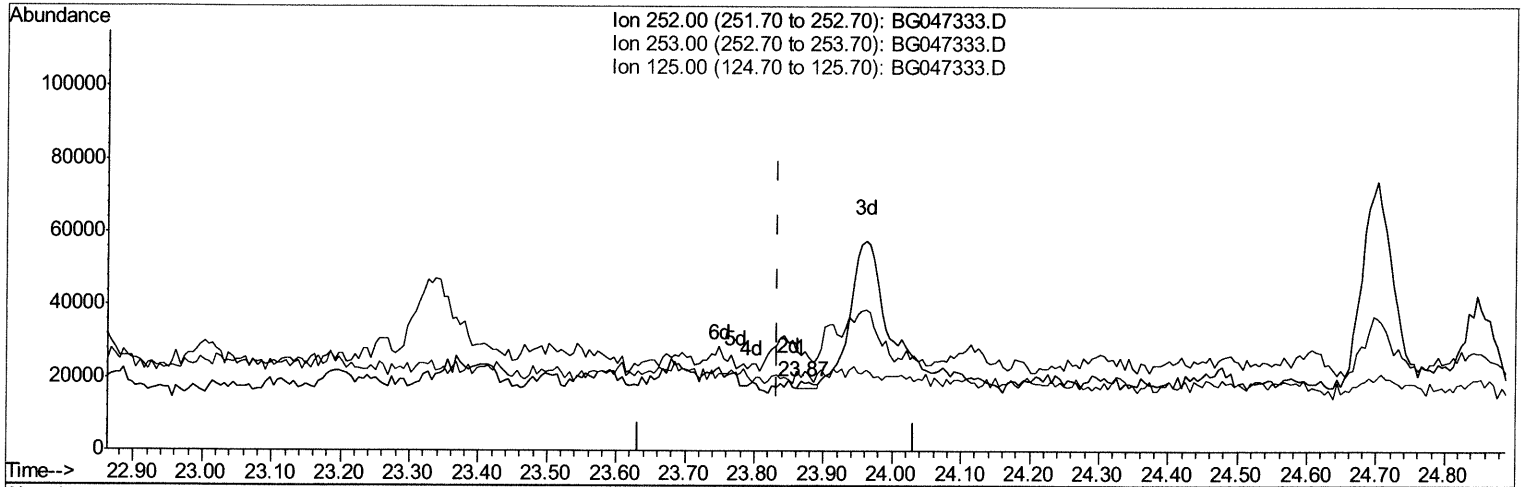
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047333.D
 Acq On : 16 Nov 2020 16:57
 Operator : CG/JU
 Sample : L4762-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampled :
 C0AC4

Manual Integrations
APPROVED

mohammad
 11/17/2020 4:09:59 PM

Quant Time: Nov 17 02:46:53 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: BG047333.D

(88) Benzo(b)fluoranthene
 23.867min (+0.034) 0.13ng/ul
 response 2825

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	137.78#
125.00	4.60	106.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

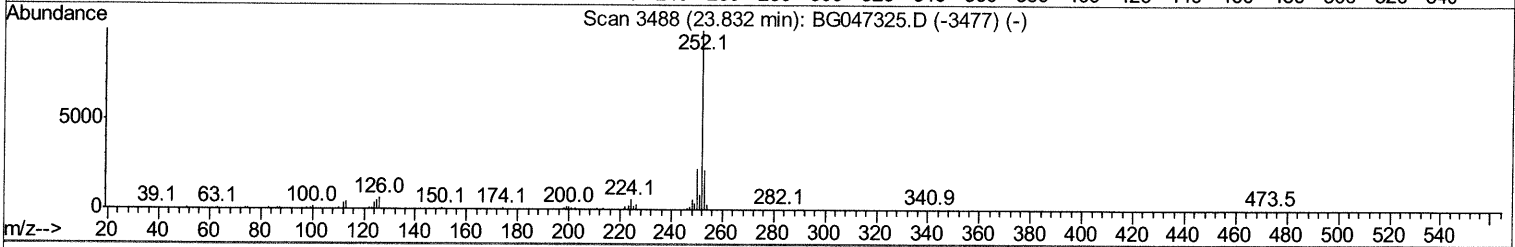
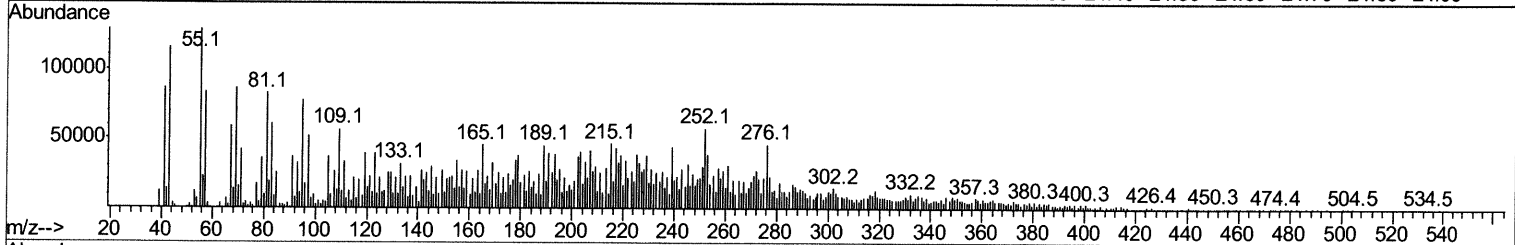
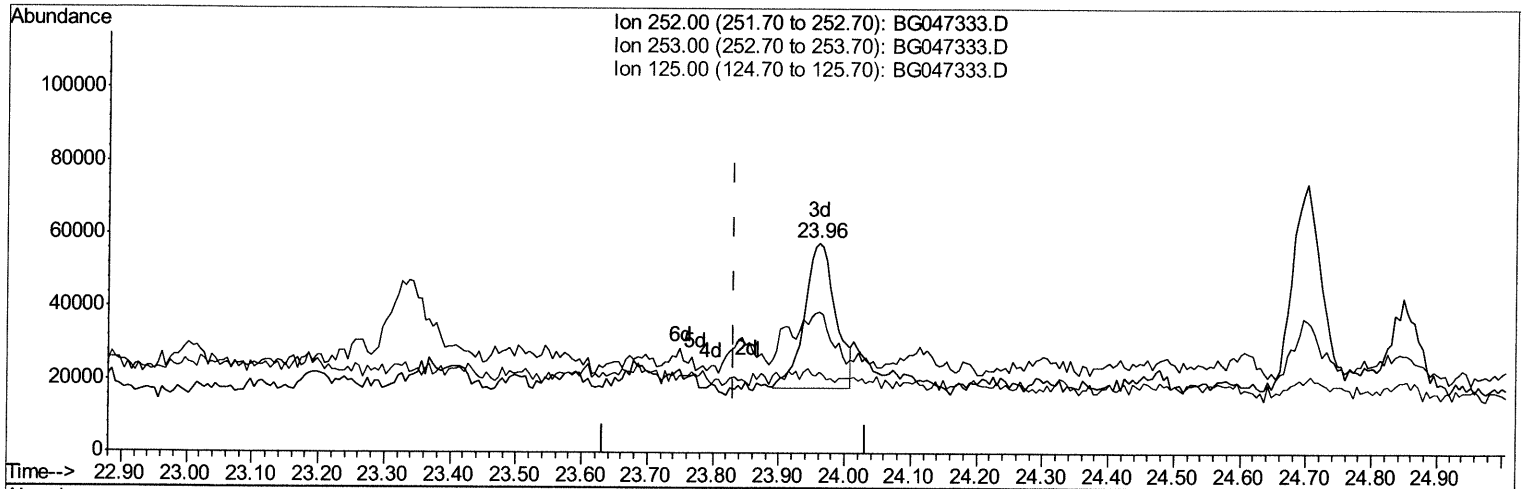
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047333.D
 Acq On : 16 Nov 2020 16:57
 Operator : CG/JU
 Sample : L4762-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:59 PM

Quant Time: Nov 17 02:46:53 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: BG047333.D

(88) Benzo(b)fluoranthene

23.961min (+0.129) 6.23ng/ul m 12/03/20 J4

response 132040

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	67.34#
125.00	4.60	38.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

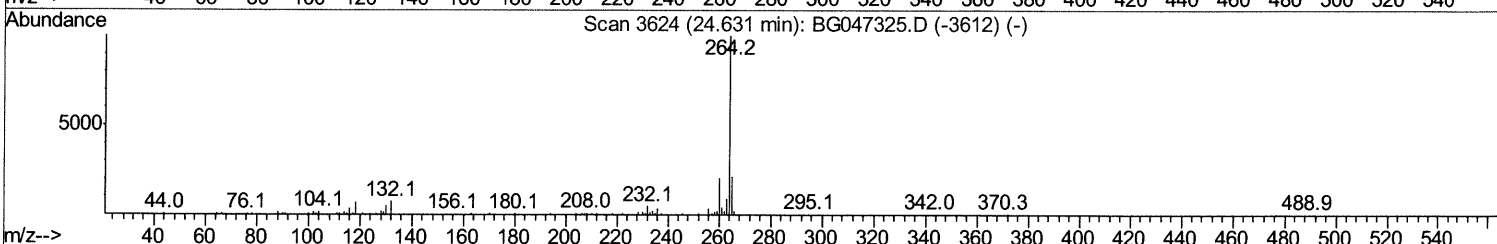
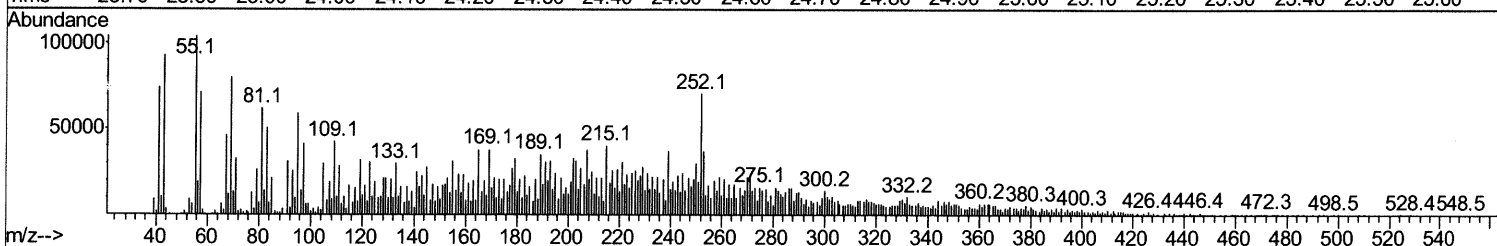
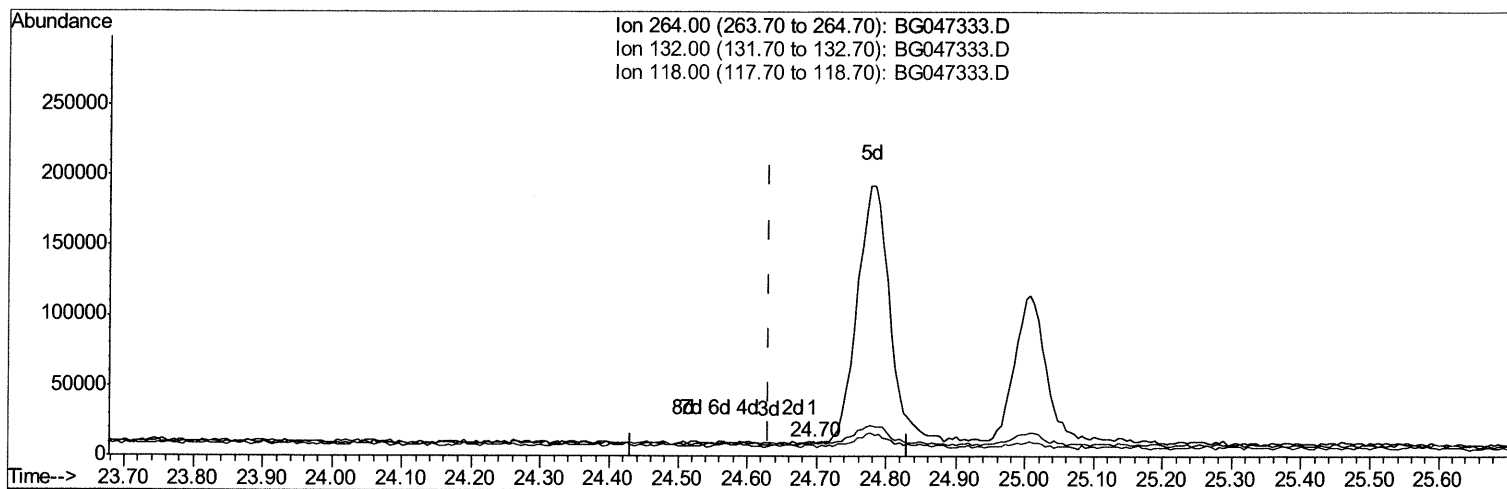
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047333.D
 Acq On : 16 Nov 2020 16:57
 Operator : CG/JU
 Sample : L4762-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:59 PM

Quant Time: Nov 17 02:51:18 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: BG047333.D

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

24.695min (+0.064) 0.05ng/ul

response 816

Ion	Exp%	Act%
264.00	100	100
132.00	8.60	96.97#
118.00	5.20	75.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

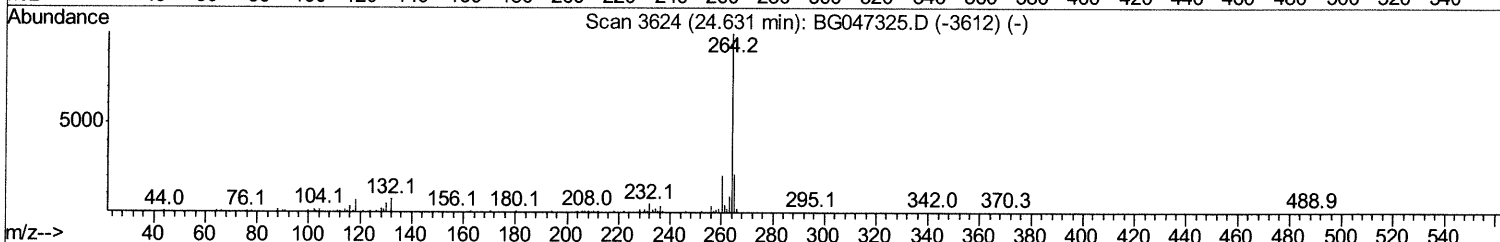
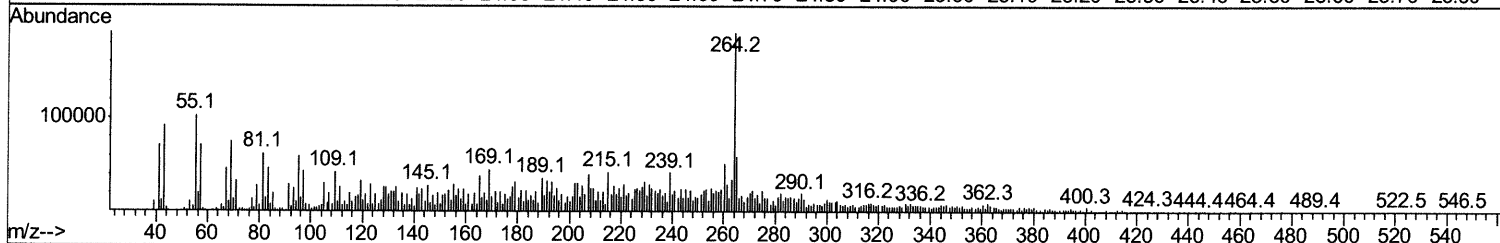
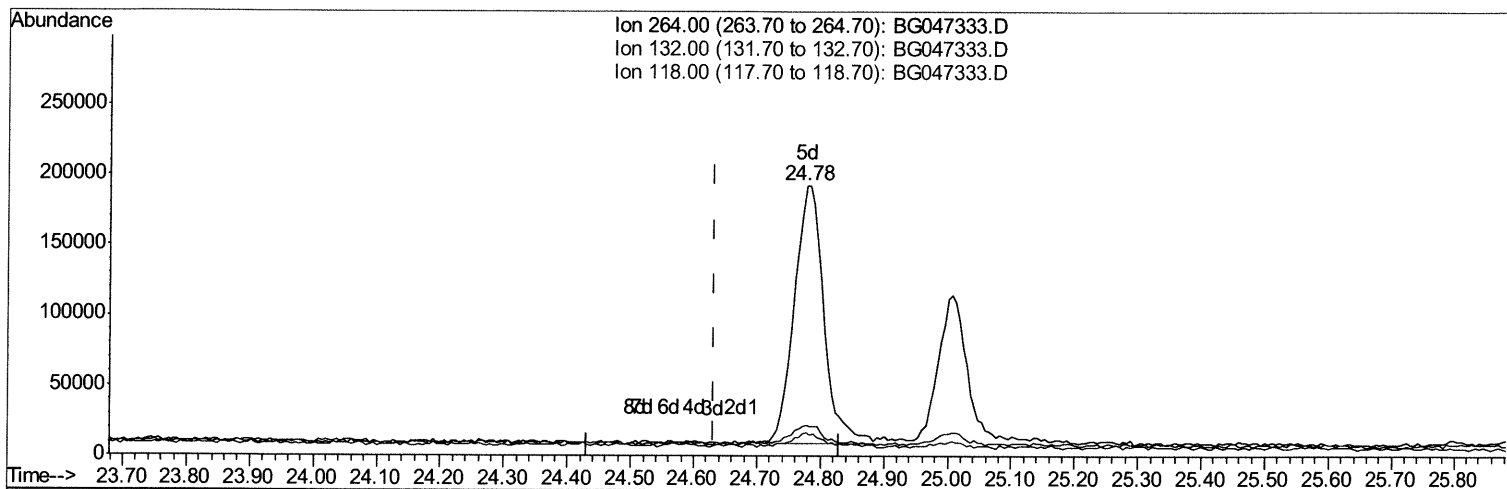
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047333.D
 Acq On : 16 Nov 2020 16:57
 Operator : CG/JU
 Sample : L4762-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:59 PM

Quant Time: Nov 17 02:51:18 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: BG047333.D

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

24.777min (+0.146) 34.42ng/ul m 12/03/20 JU

response 603889

Ion	Exp%	Act%
264.00	100	100
132.00	8.60	11.26#
118.00	5.20	8.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

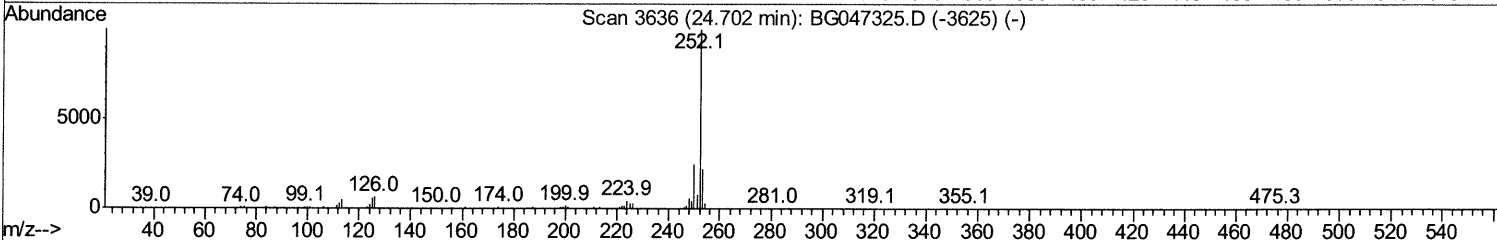
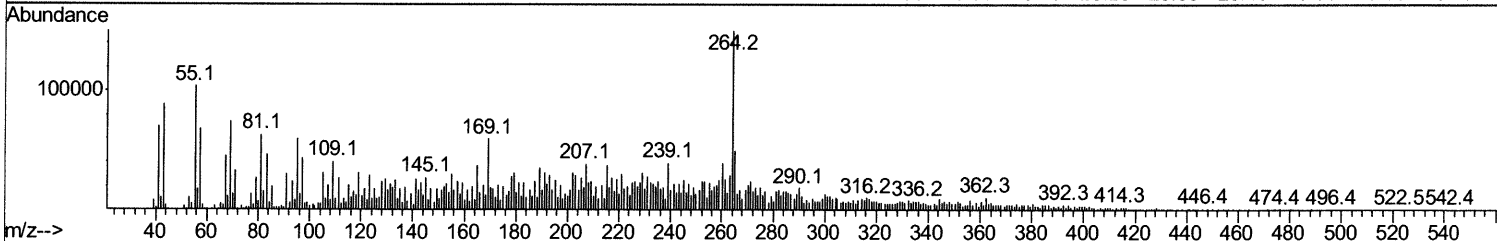
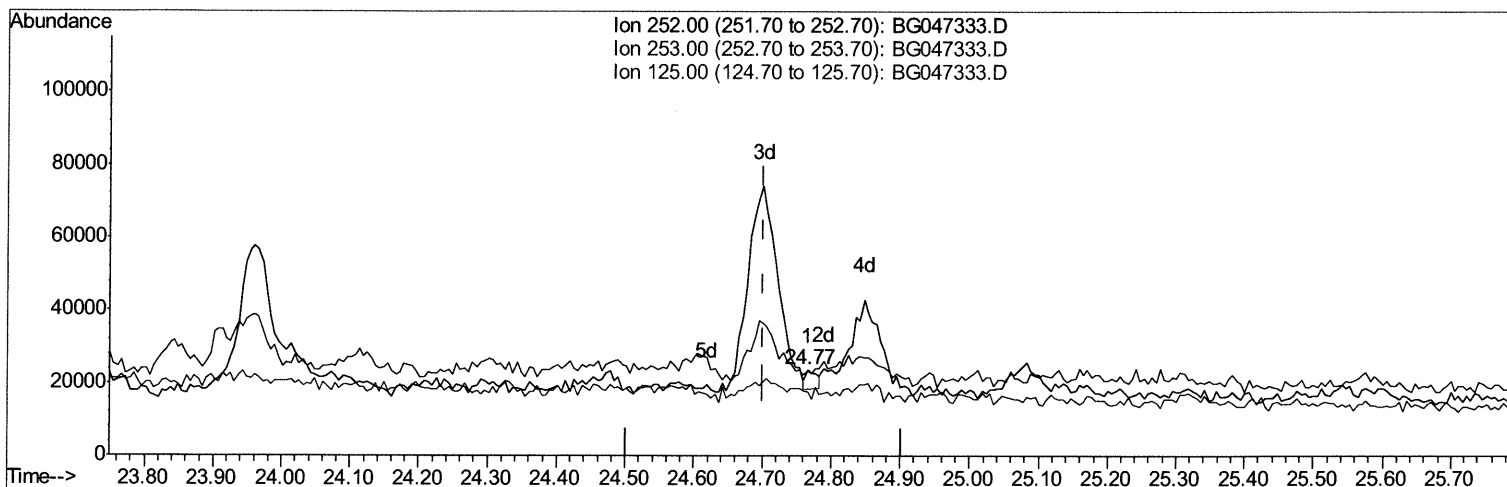
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047333.D
 Acq On : 16 Nov 2020 16:57
 Operator : CG/JU
 Sample : L4762-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:59 PM

Quant Time: Nov 17 03:07:35 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: BG047333.D

(91) Benzo(a)pyrene (C)
 24.766min (+0.064) 0.32ng/ul
 response 6165

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	98.95#
125.00	5.30	74.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

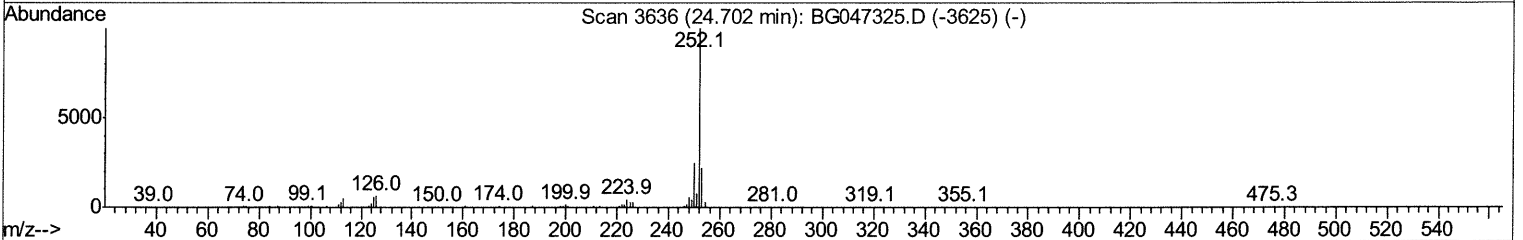
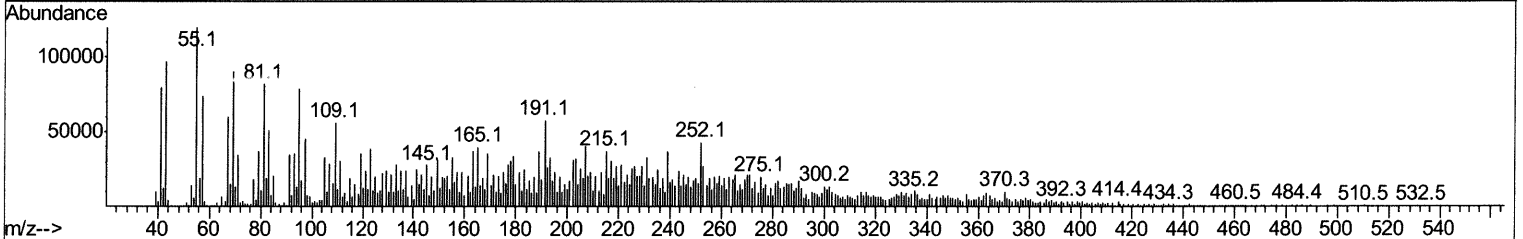
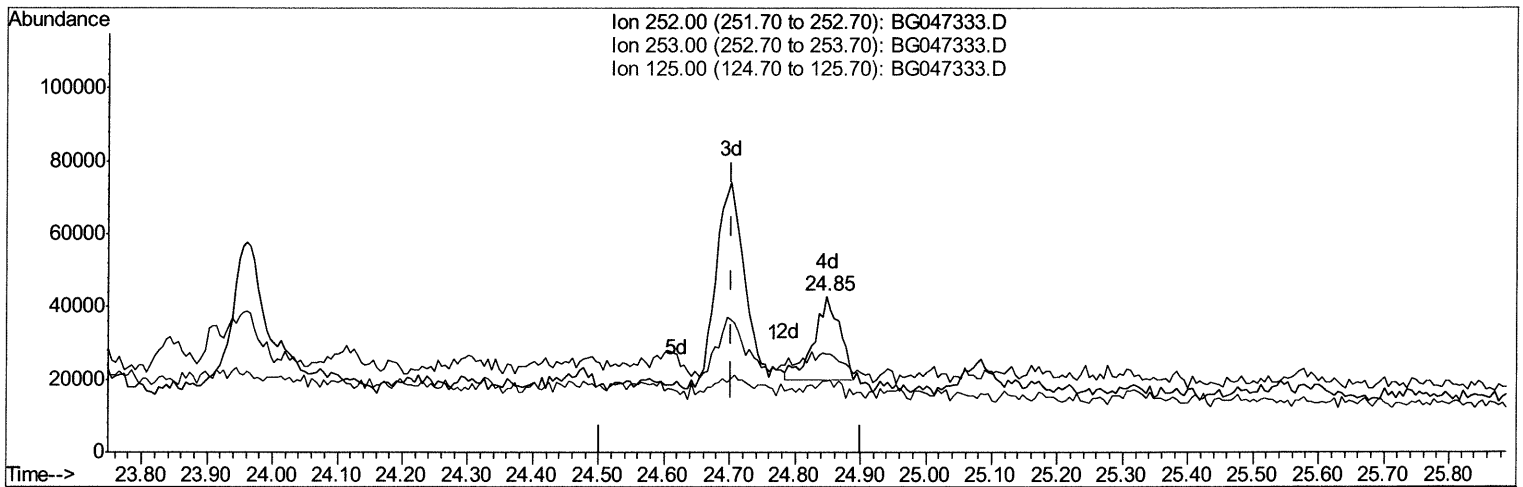
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047333.D
 Acq On : 16 Nov 2020 16:57
 Operator : CG/JU
 Sample : L4762-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0AC4

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:59 PM

Quant Time: Nov 17 03:07:35 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: BG047333.D

(91) Benzo(a)pyrene (C)

24.848min (+0.146) 3.34ng/ul m 12/03/20 JU

response 63697

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	63.10#
125.00	5.30	45.84#
0.00	0.00	0.00

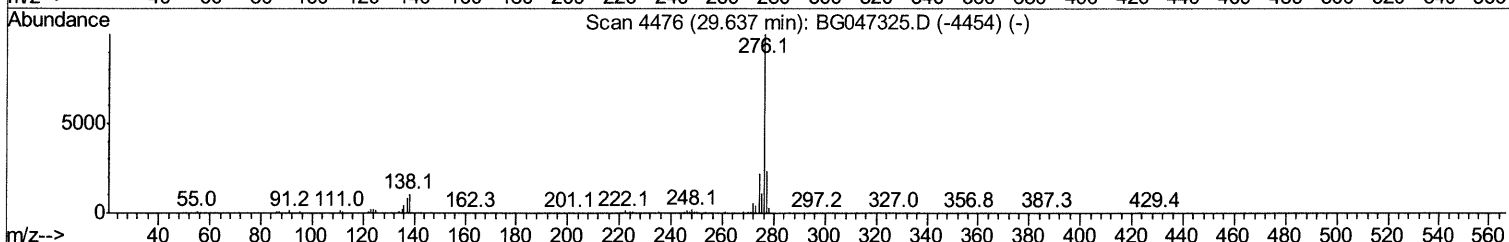
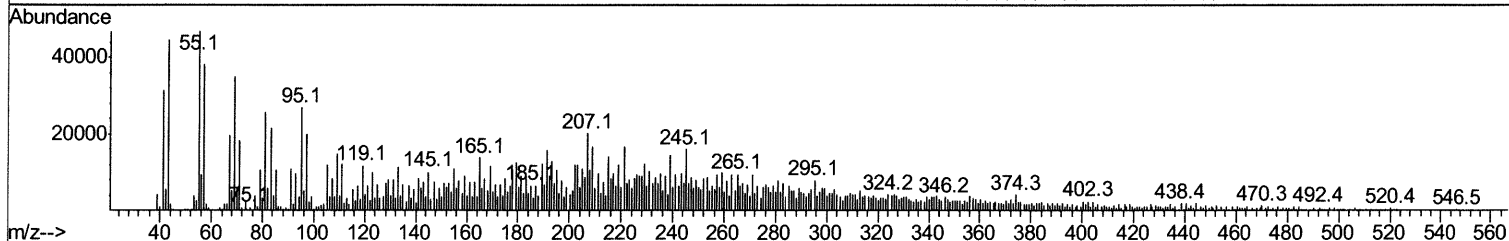
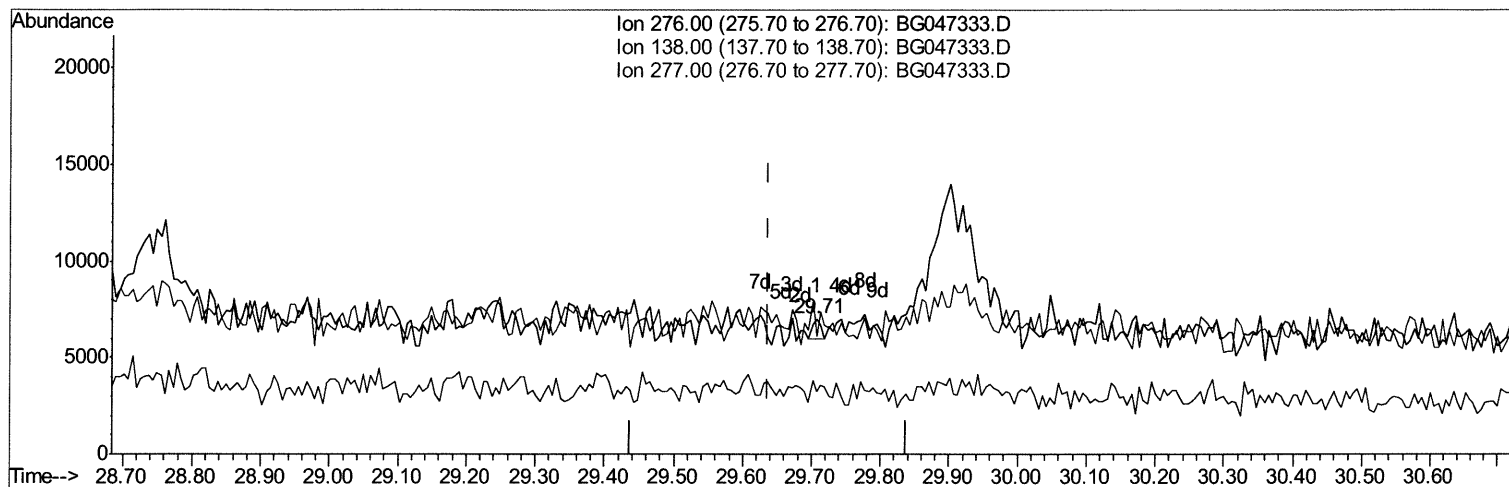
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Data Path   : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\  
Data File   : BG047333.D  
Acq On      : 16 Nov 2020   16:57  
Operator    : CG/JU  
Sample      : L4762-09  
Misc        :  
ALS Vial    : 10      Sample Multiplier: 1
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Instrument :
BNA_G
ClientSampleId :
C0AC4

Manual Integrations APPROVED

mohammad
11/17/2020 4:09:59 PM

Quant Time: Nov 17 03:09:25 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: BG047333.D

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

29.707min (+0.070) 0.04ng/ul

response 880

Ion	Exp%	Act%
276.00	100	100
138.00	11.30	46.13#
277.00	24.00	86.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

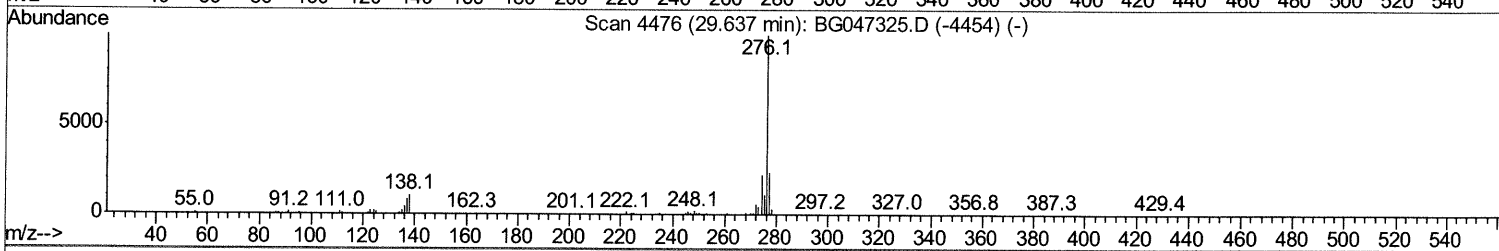
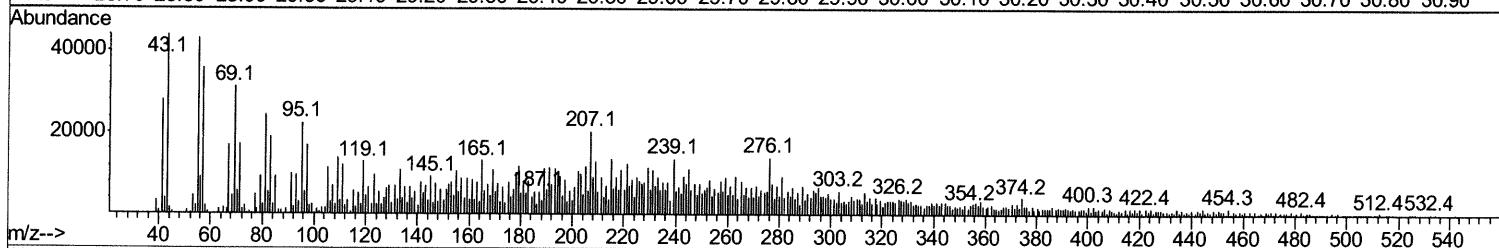
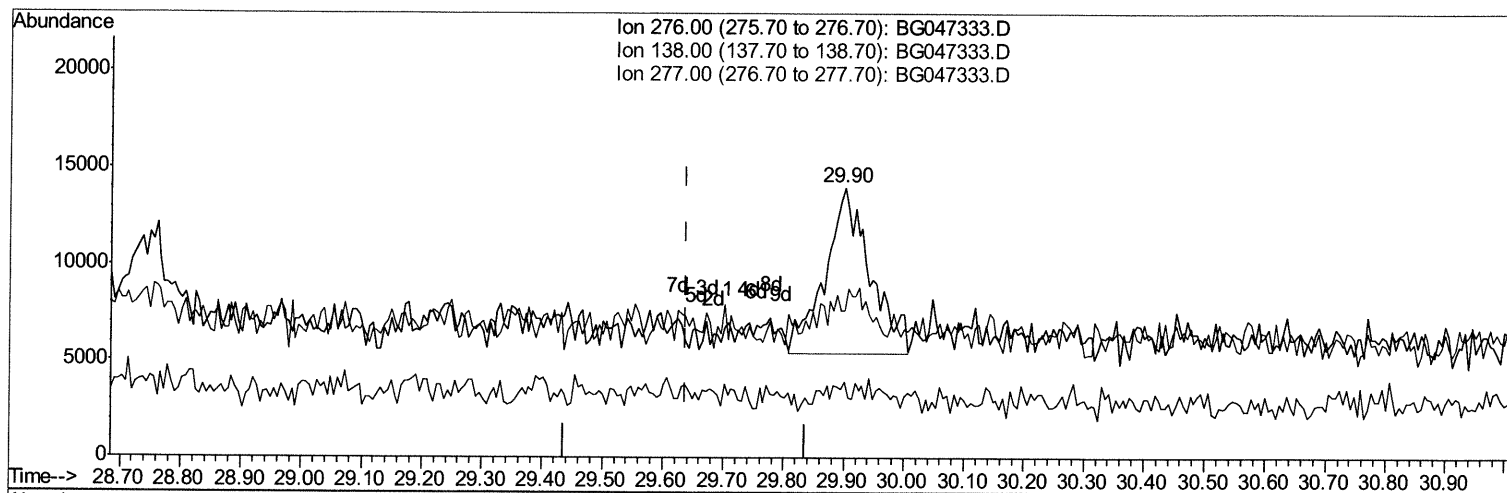
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC4

Manual Integrations
APPROVED

mohammad
11/17/2020 4:09:59 PM

Quant Time: Nov 17 03:09:25 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: BG047333.D

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

29.901min (+0.264) 2.27ng/ul m 12/03/20 JU

response 44956

Ion	Exp%	Act%
276.00	100	100
138.00	11.30	28.02#
277.00	24.00	54.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

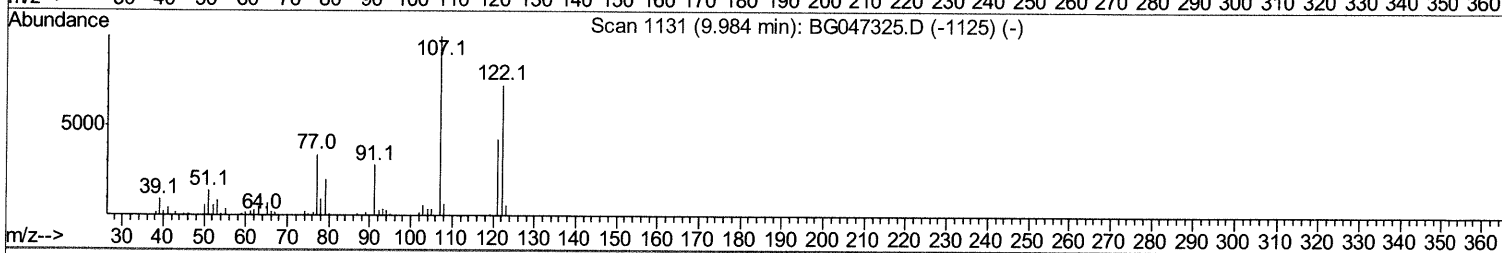
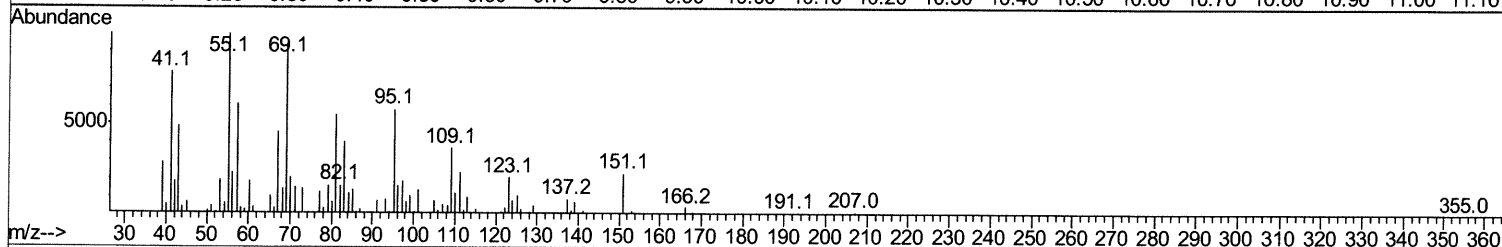
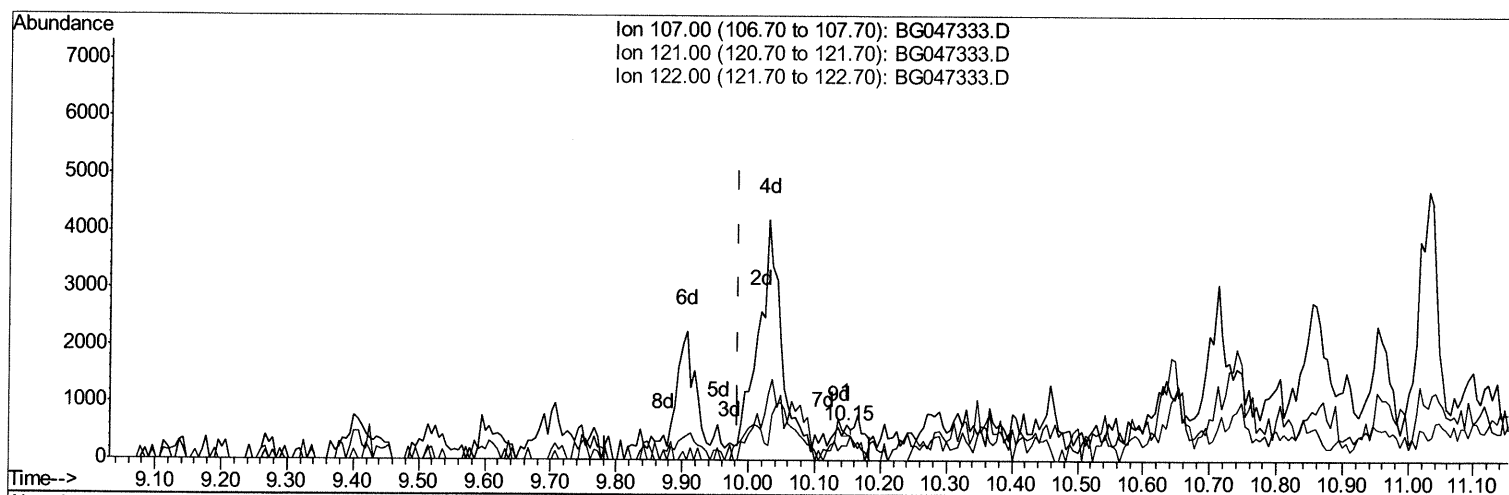
Data Path : C:\Documents and Settings\euser\Desktop\Nishadh\BG111620\
Data File : BG047333.D
Acq On : 16 Nov 2020 16:57
Operator : CG/JU
Sample : L4762-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AC4

Manual Integrations
APPROVED

mohammad
11/17/2020 4:09:59 PM

Quant Time: Nov 18 07:40:58 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: BG047333.D

(24) 2,4-Dimethylphenol

10.147min (+0.164) 0.03ng/ul

response 108

Ion	Exp%	Act%
107.00	100	100
121.00	50.50	40.78
122.00	78.70	72.76
0.00	0.00	0.00

Quantitation Report (Qedit)

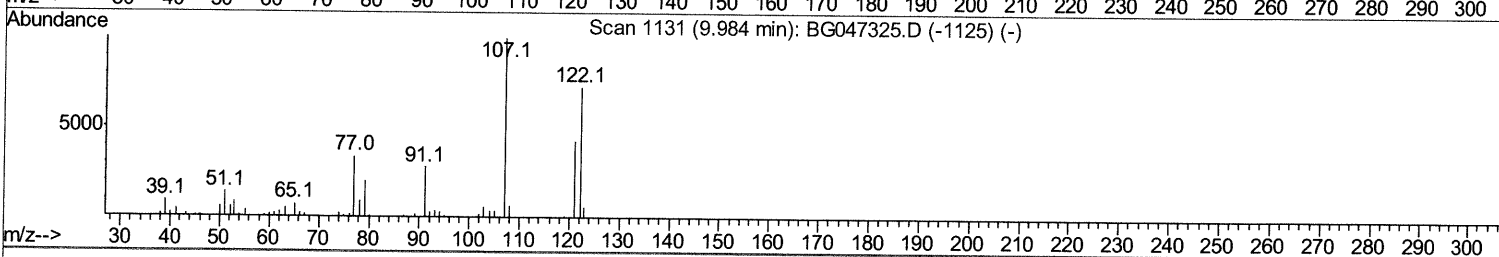
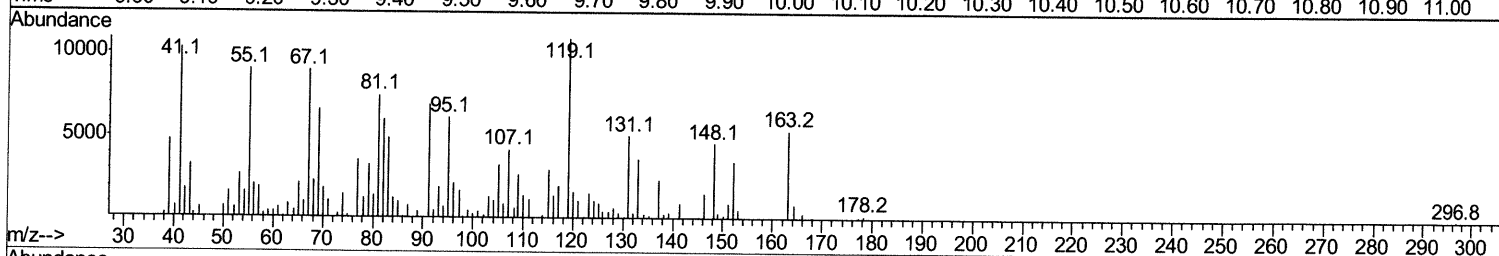
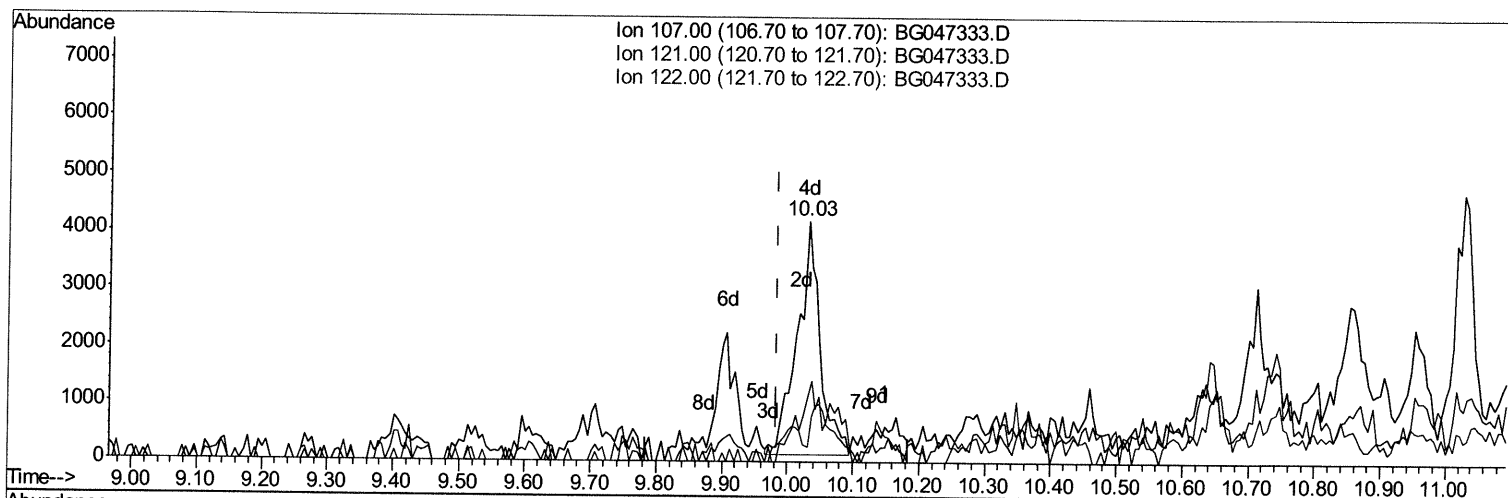
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047333.D
 Acq On : 16 Nov 2020 16:57
 Operator : CG/JU
 Sample : L4762-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0AC4

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:59 PM

Quant Time: Nov 17 03:12:00 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: BG047333.D

(24) 2,4-Dimethylphenol

10.030min (+0.046) 2.32ng/ul m 12/03/2024

response 9814

Ion	Exp%	Act%
107.00	100	100
121.00	50.50	27.67#
122.00	78.70	6.06#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047333.D
 Acq On : 16 Nov 2020 16:57
 Operator : CG/JU
 Sample : L4762-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:59 PM

Quant Time: Nov 17 07:34:29 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	56886	20.00	ng/ul	0.02
18) Naphthalene-d8	10.83	136	206876	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.67	164	139547	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.42	188	274180	20.00	ng/ul	0.03
78) Chrysene-d12	21.70	240	341374	20.00	ng/ul	0.05
86) Perylene-d12	25.01	264	319149m >	20.00	ng/ul >	0.16 12/03/2020 JU

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	5779	4.10	ng/uL	0.02
5) Phenol-d5	7.19	99	154859	31.37	ng/ul	0.02
7) Bis-(2-Chloroethyl) ether-d	7.34	67	88316	31.10	ng/ul	0.02
9) 2-Chlorophenol-d4	7.55	132	126093	32.84	ng/ul	0.02
13) 4-Methylphenol-d8	8.73	113	124610	31.63	ng/ul	0.02
19) Nitrobenzene-d5	9.18	128	60506	34.89	ng/ul	0.02
22) 2-Nitrophenol-d4	9.91	143	63513	31.35	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.46	165	133519	33.78	ng/ul	0.02
29) 4-Chloroaniline-d4	10.95	131	102017	30.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.06	166	340508	29.68	ng/ul	0.02
47) Acenaphthylene-d8	14.36	160	433273	31.92	ng/ul	0.02
52) 4-Nitrophenol-d4	14.89	143	71570	39.62	ng/ul	0.05
58) Fluorene-d10	15.66	176	312489	29.33	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	15.76	200	8962	4.74	ng/ul	0.00
71) Anthracene-d10	17.52	188	466271	35.09	ng/ul	0.03
79) Pyrene-d10	19.81	212	548903	28.19	ng/ul	0.03
90) Benzo(a)pyrene-d12	24.78	264	603889m >	34.42	ng/ul >	0.15 12/03/2020 JU

Target Compounds

				Ovalue	
24) 2,4-Dimethylphenol	10.03	107	9814m >	2.324 ng/ul >	12/03/2020 JU
28) Naphthalene	10.89	128	46142	3.970 ng/ul#	67
34) 2-Methylnaphthalene	12.49	142	132761	16.011 ng/ul	99
41) 1,1'-Biphenyl	13.50	154	25577	2.323 ng/ul#	85
45) Dimethylphthalate	14.11	163	93033	8.079 ng/ul#	85
48) Acenaphthylene	14.39	152	26861	2.115 ng/ul#	1
50) Acenaphthene	14.73	153	69021m >	7.512 ng/ul >	12/03/2020 JU
54) Dibenzofuran	15.07	168	73879	5.525 ng/ul#	1
59) Fluorene	15.72	166	30886	2.814 ng/ul#	56
70) Phenanthrene	17.47	178	1052073	68.415 ng/ul#	95
72) Anthracene	17.56	178	102929	6.660 ng/ul#	66
77) Fluoranthene	19.47	202	192357	10.393 ng/ul#	96
80) Pyrene	19.84	202	897506	38.419 ng/ul	98
83) Benzo(a)anthracene	21.69	228	143893	6.222 ng/ul#	24
85) Chrysene	21.75	228	180256	8.102 ng/ul#	60
88) Benzo(b)fluoranthene	23.96	252	132040m }	6.228 ng/ul }	
91) Benzo(a)pyrene	24.85	252	63697m }	3.337 ng/ul }	12/03/2020 JU
94) Benzo(a,h,i)perylene	29.90	276	44956m }	2.267 ng/ul }	

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