

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047327.D
Acq On : 16 Nov 2020 12:53
Operator : CG/JU
Sample : L4762-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB6

Manual Integrations
APPROVED

mohammad
11/17/2020 4:09:41 PM

Quant Time: Nov 16 15:09:20 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)

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

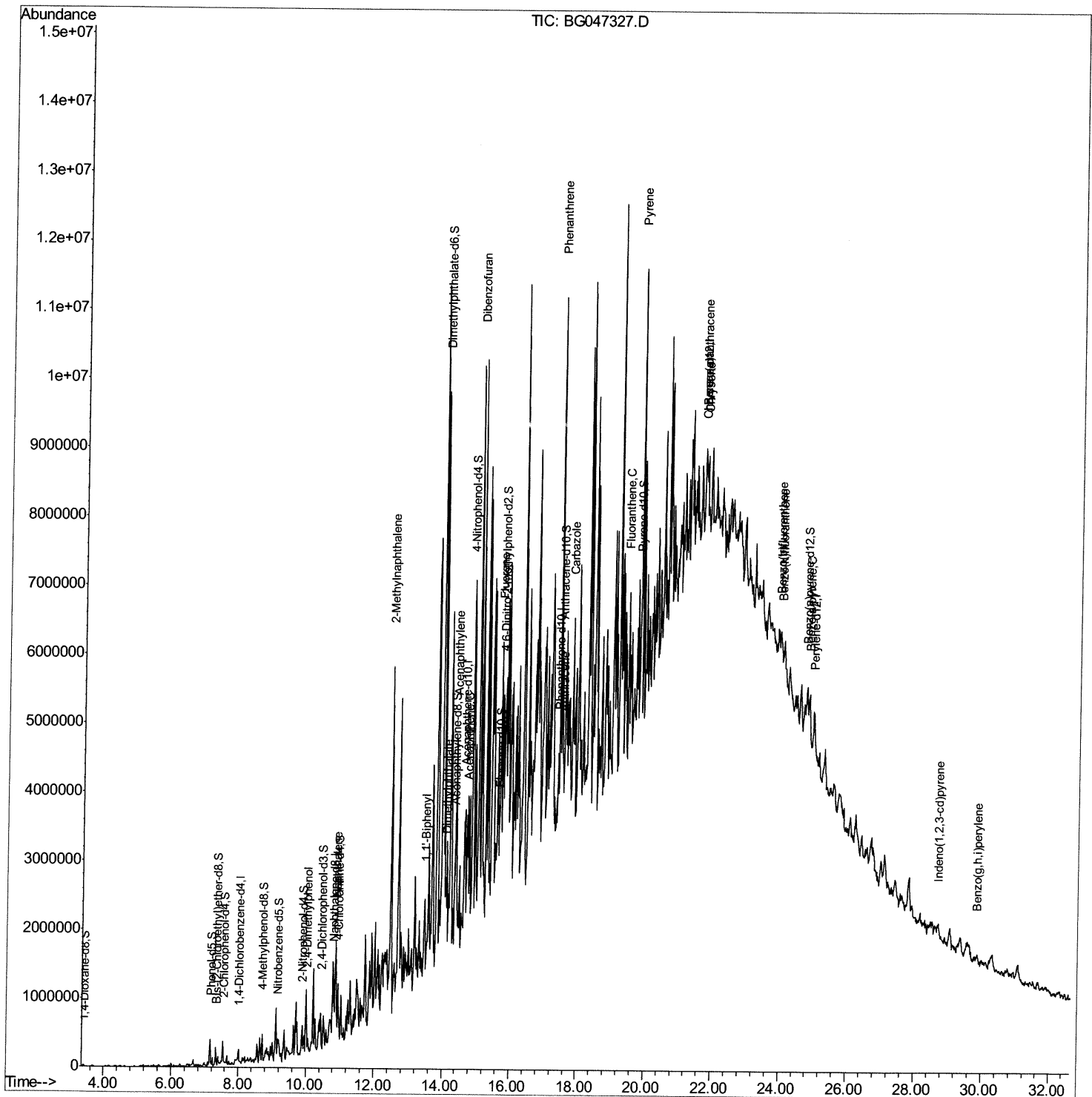
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047327.D
Acq On : 16 Nov 2020 12:53
Operator : CG/JU
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Manual Integrations
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mohammad
11/17/2020 4:09:41 PM

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 12:10:55 2020
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Quantitation Report (Qedit)

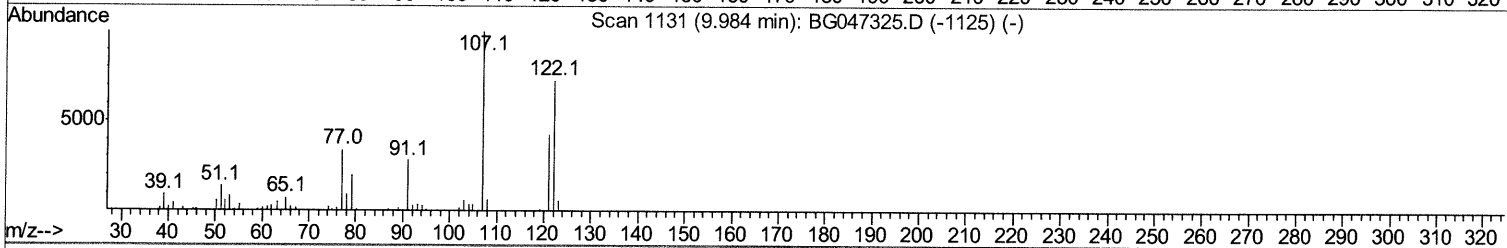
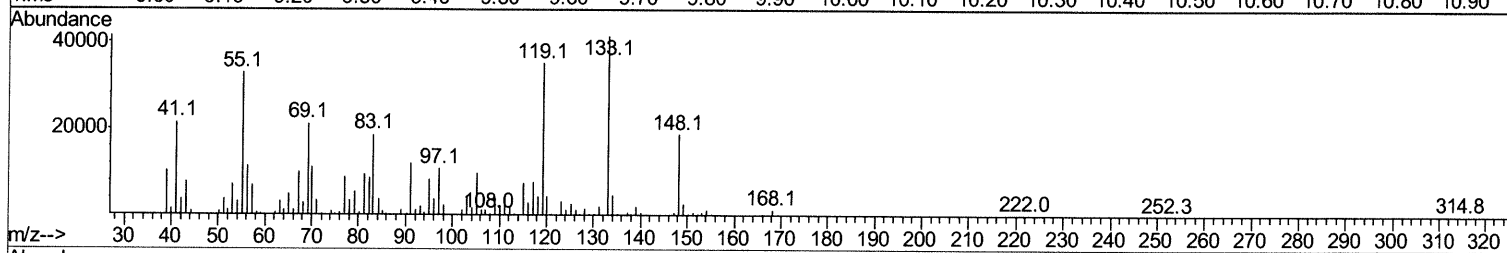
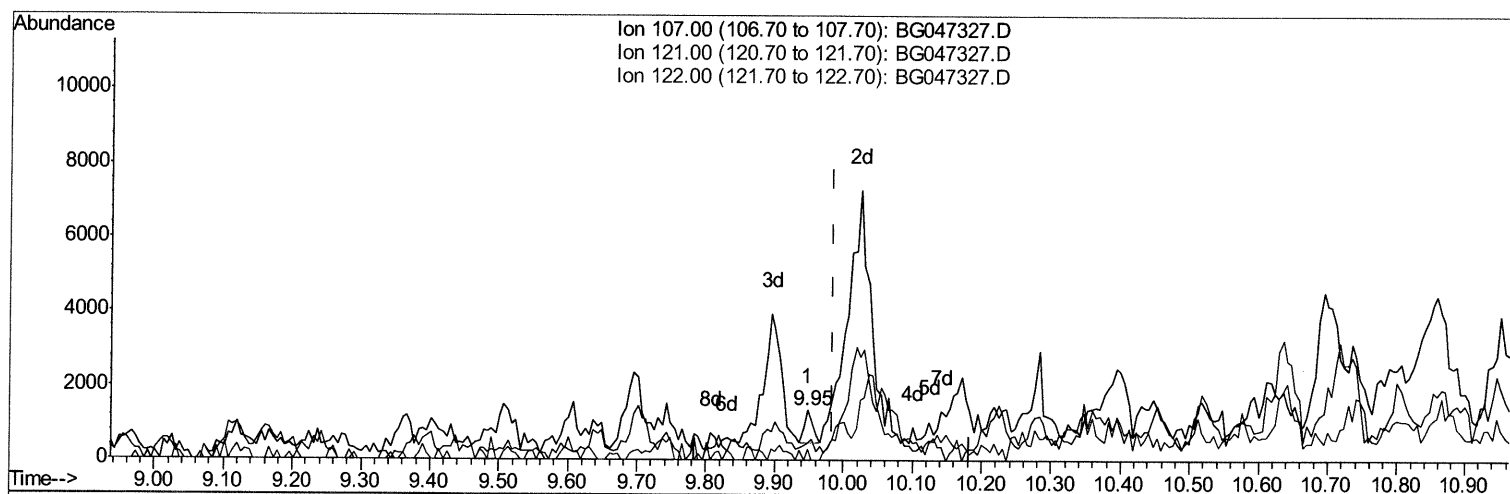
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Instrument :
BNA_G
ClientSampleId :
C0AB6

Manual Integrations
APPROVED

mohammad
11/17/2020 4:09:41 PM

Quant Time: Nov 16 15:02:38 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: BG047327.D

(24) 2,4-Dimethylphenol

9.948min (-0.036) 0.19ng/ul

response 772

Ion	Exp%	Act%
107.00	100	100
121.00	50.50	35.12#
122.00	78.70	21.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

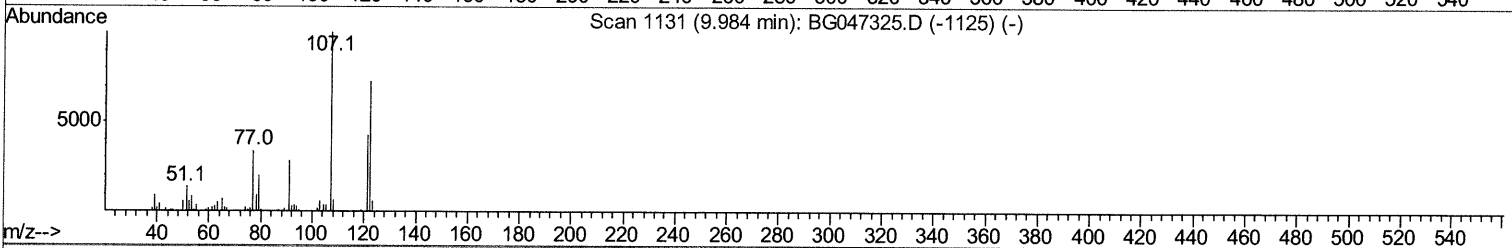
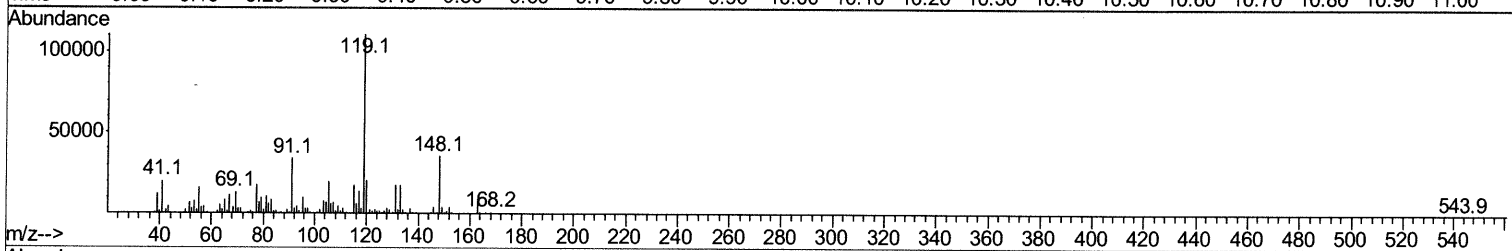
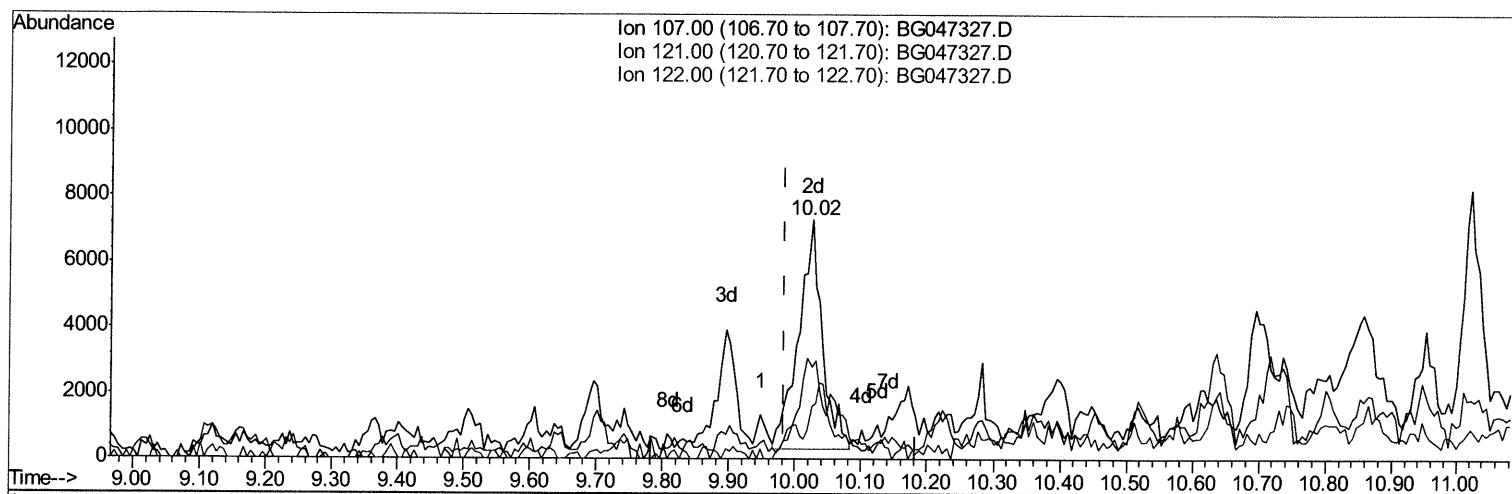
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047327.D
Acq On : 16 Nov 2020 12:53
Operator : CG/JU
Sample : L4762-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB6

Manual Integrations
APPROVED

mohammad
11/17/2020 4:09:41 PM

Quant Time: Nov 16 15:02:38 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: BG047327.D

(24) 2,4-Dimethylphenol

10.024min (+0.041) 4.32ng/ul m 11/17/20 JU

response 17327

Ion	Exp%	Act%
107.00	100	100
121.00	50.50	38.37#
122.00	78.70	22.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

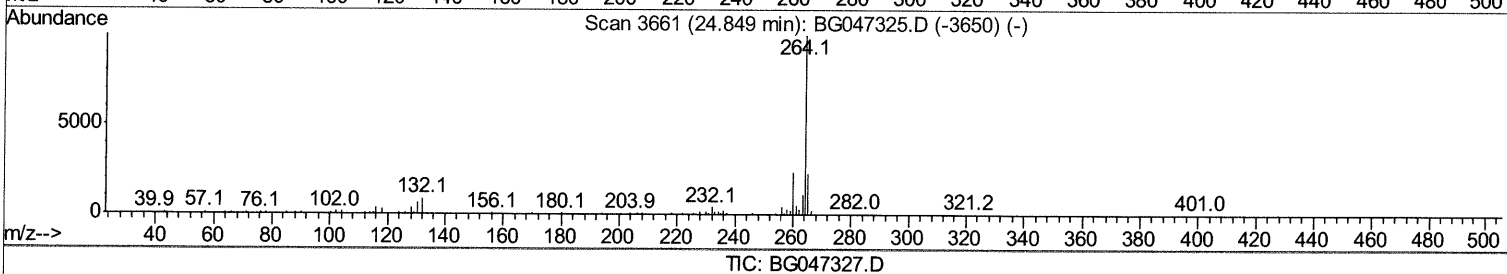
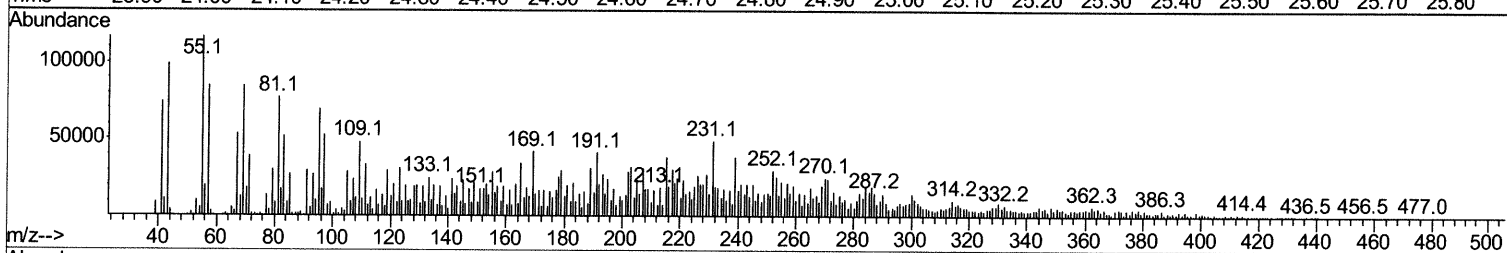
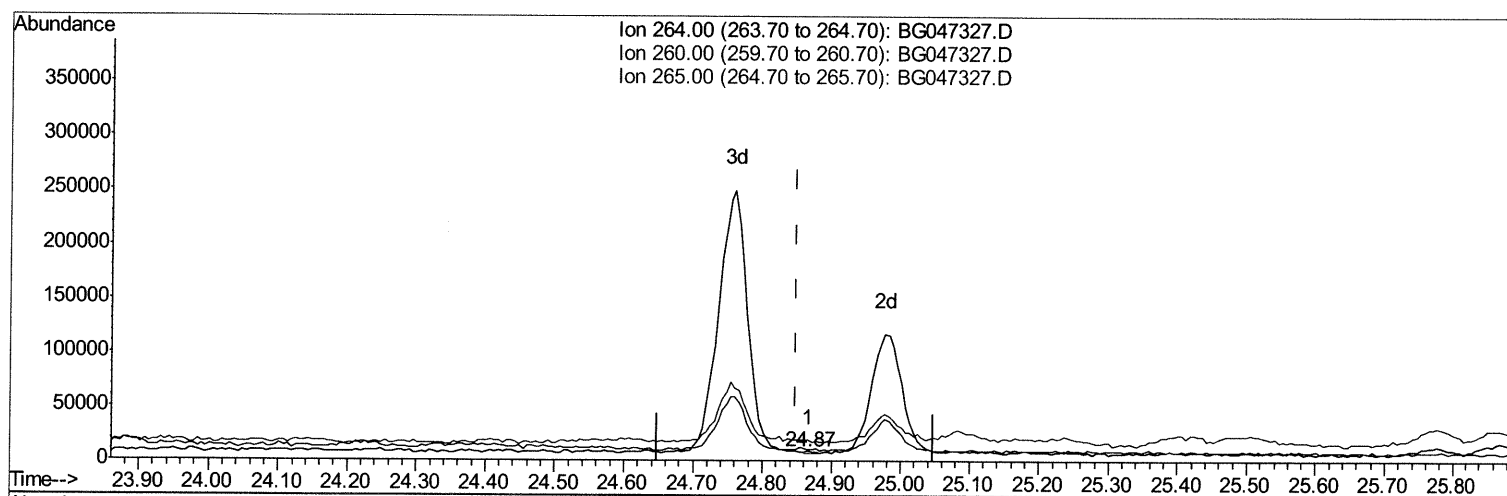
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
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Manual Integrations
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(86) Perylene-d12 (I)

24.866min (+0.017) 20.00ng/ul

response 950

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	119.06#
265.00	22.20	207.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

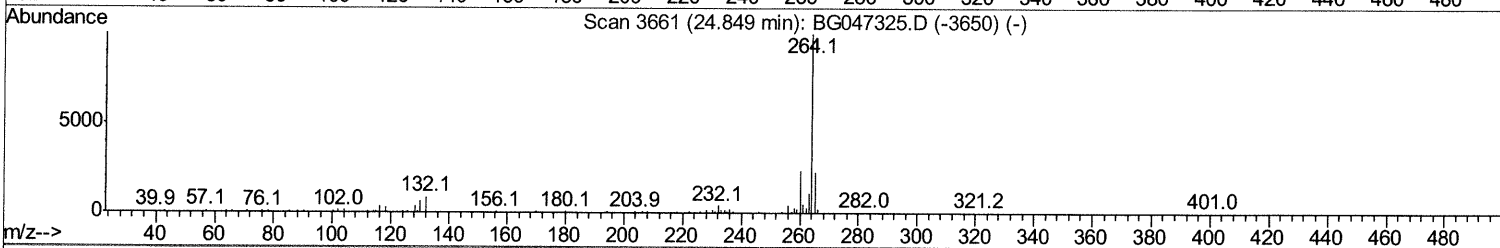
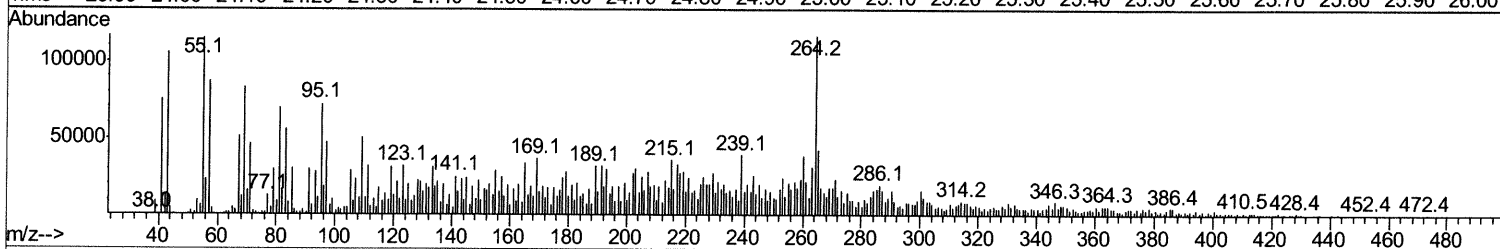
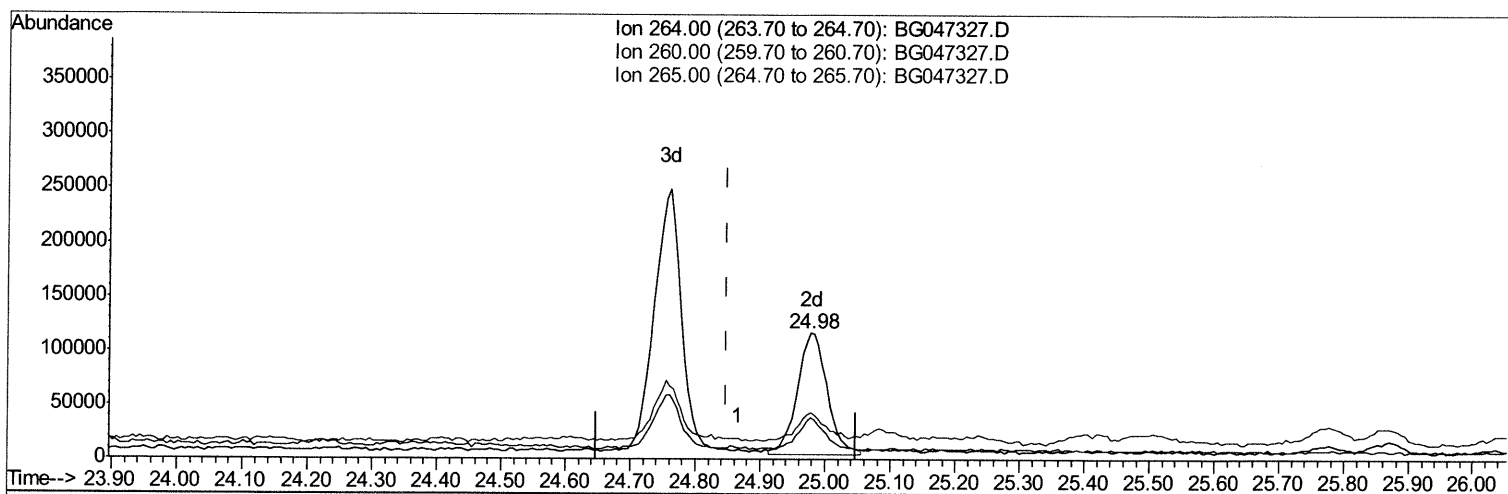
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047327.D
 Acq On : 16 Nov 2020 12:53
 Operator : CG/JU
 Sample : L4762-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:41 PM

Quant Time: Nov 16 15:02:38 2020
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 12:10:55 2020
 Response via : Initial Calibration



TIC: BG047327.D

(86) Perylene-d12 (I)

24.977min (+0.129) 20.00ng/ul m 12/03/2020

response 357525

Ion	Exp%	Act%
264.00	100	100
260.00	24.30	32.77#
265.00	22.20	36.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

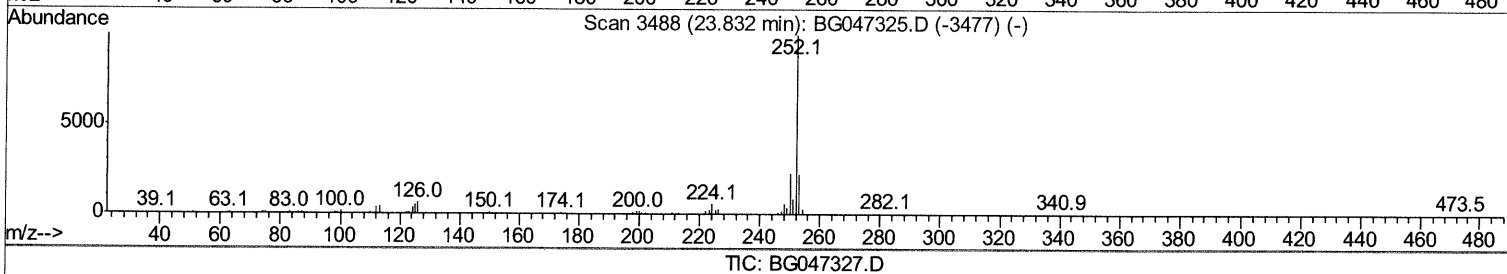
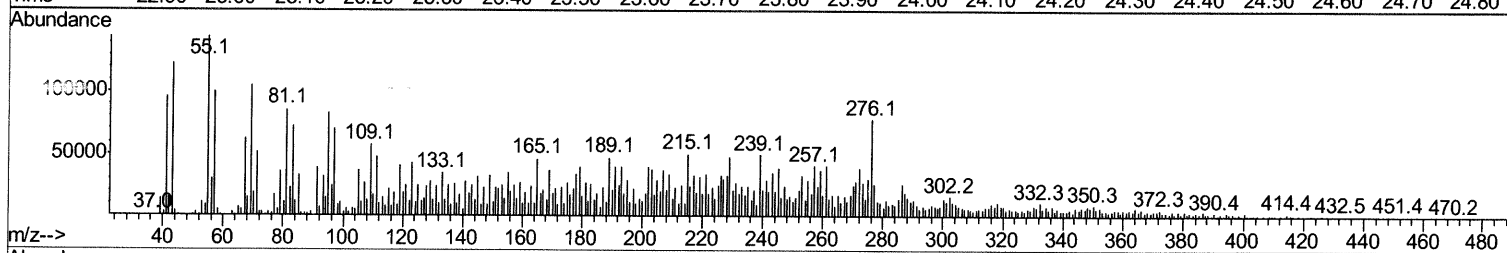
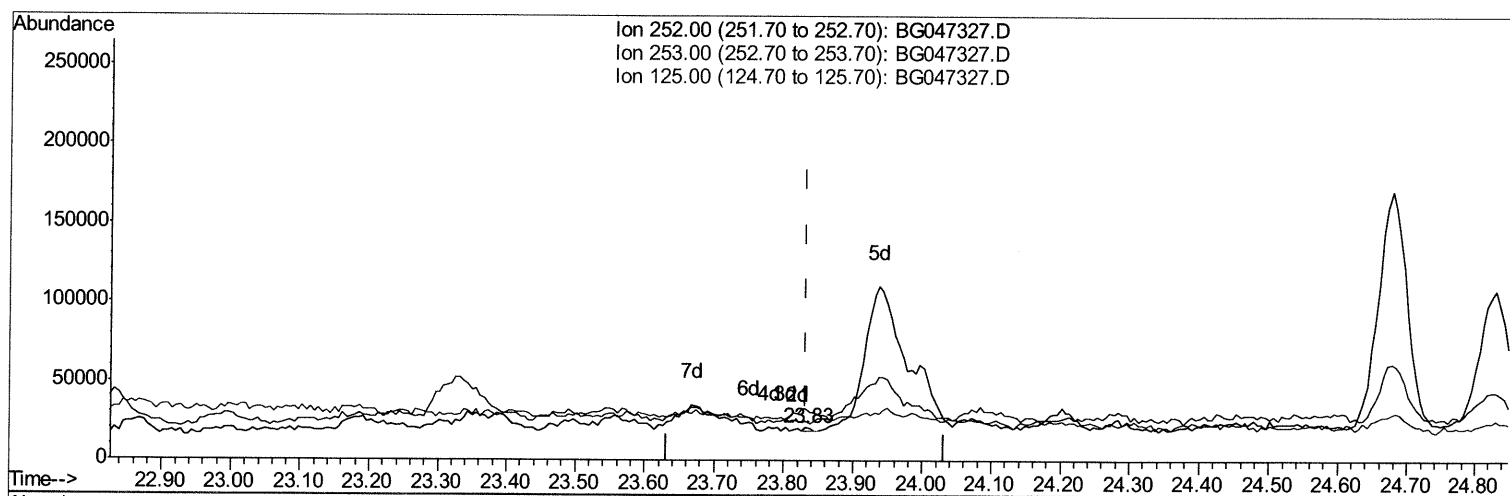
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047327.D
Acq On : 16 Nov 2020 12:53
Operator : CG/JU
Sample : L4762-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AB6

Manual Integrations
APPROVED

mohammad
11/17/2020 4:09:41 PM

Quant Time: Nov 16 15:06:28 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



(88) Benzo(b)fluoranthene

23.832min (-0.001) 0.06ng/ul

response 1534

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	156.57#
125.00	4.60	121.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

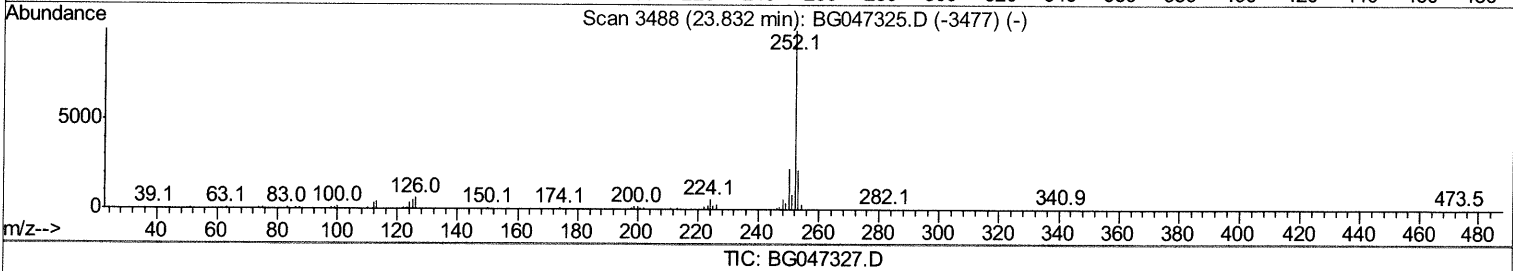
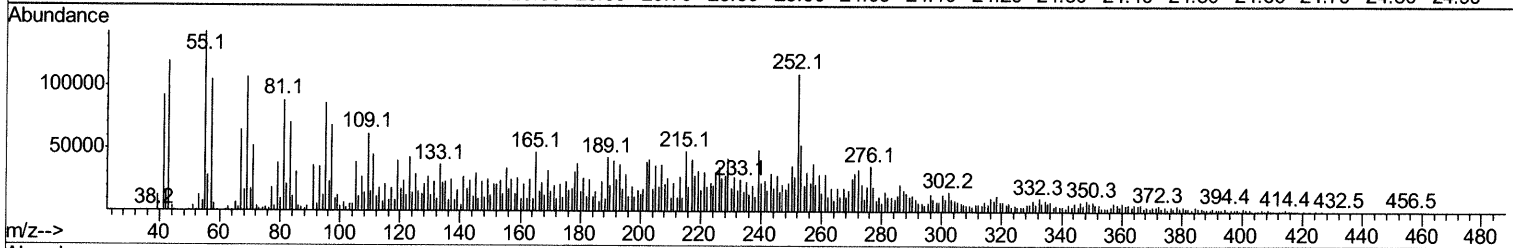
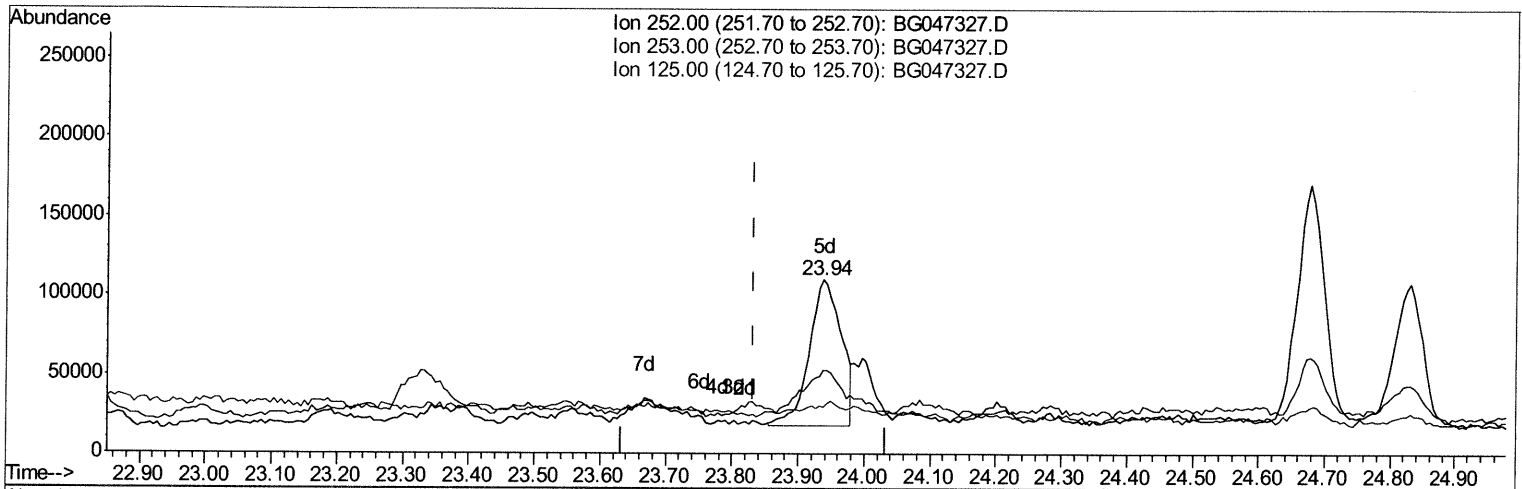
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047327.D
 Acq On : 16 Nov 2020 12:53
 Operator : CG/JU
 Sample : L4762-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0AB6

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:41 PM

Quant Time: Nov 16 15:06:28 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



(88) Benzo(b)fluoranthene

23.937min (+0.105) 13.05ng/ul m 12/03/2020

response 309823

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	47.96#
125.00	4.60	26.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

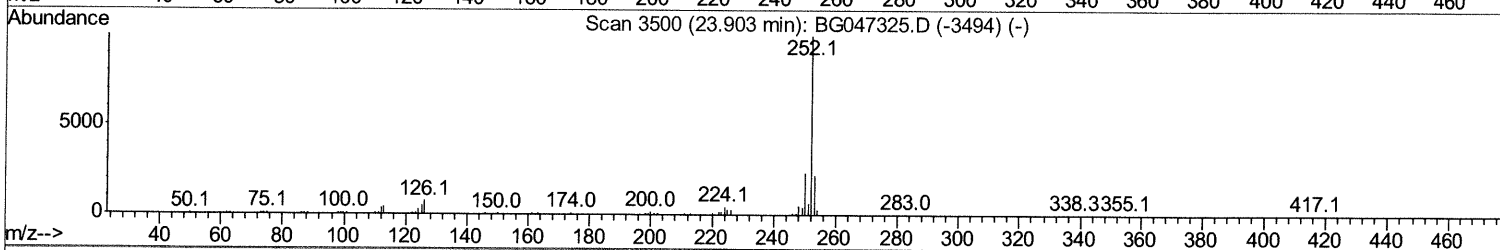
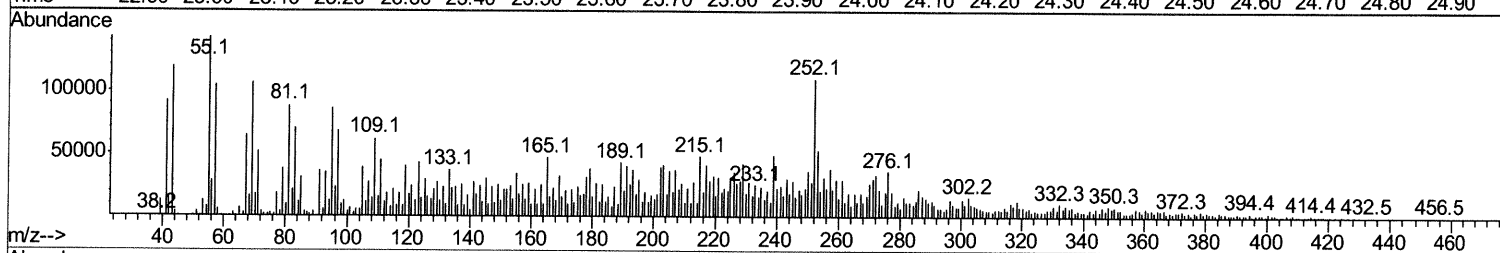
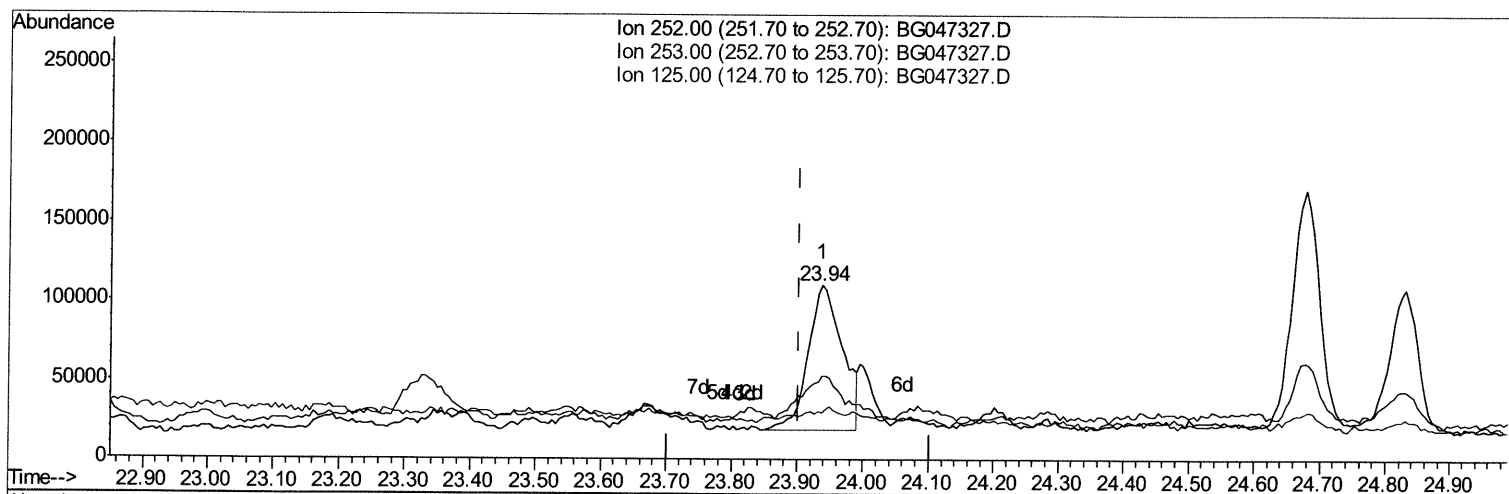
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047327.D
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Operator : CG/JU
Sample : L4762-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB6

Manual Integrations
APPROVED

mohammad
11/17/2020 4:09:41 PM

Quant Time: Nov 16 15:06:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
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Response via : Initial Calibration



TIC: BG047327.D

(89) Benzo(k)fluoranthene

23.937min (+0.035) 14.52ng/ul

response 334232

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	47.96#
125.00	5.80	26.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

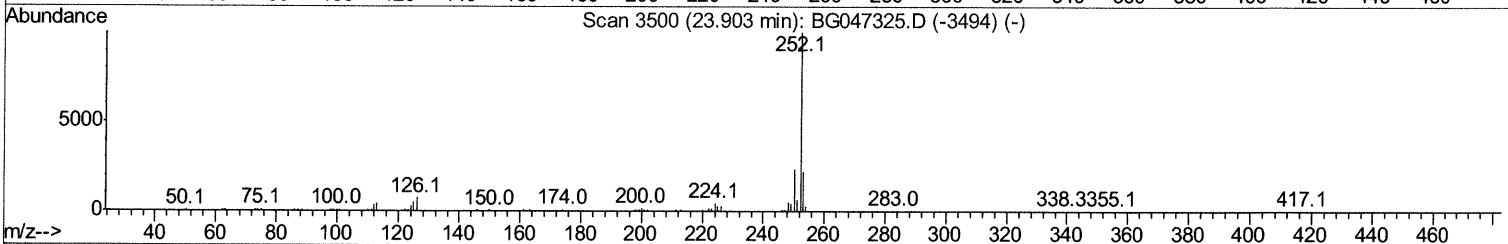
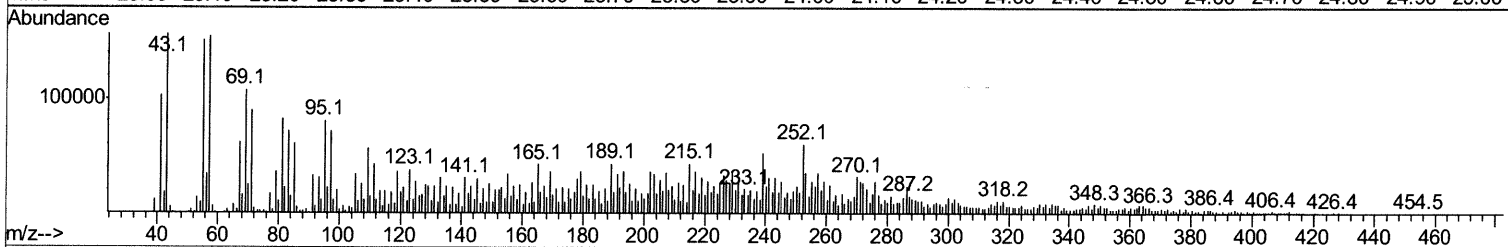
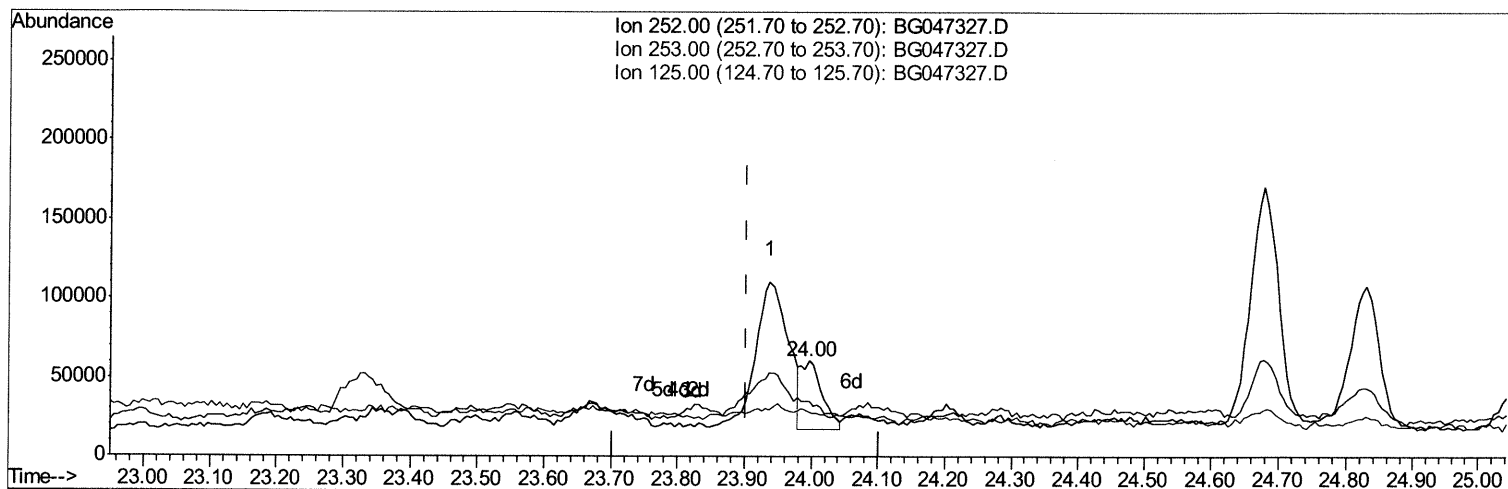
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 Sample : L4762-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:41 PM

Quant Time: Nov 16 15:06:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
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TIC: BG047327.D

(89) Benzo(k)fluoranthene

23.996min (+0.093) 4.20ng/ul m 12/03/2024

response 96764

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	58.52#
125.00	5.80	46.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

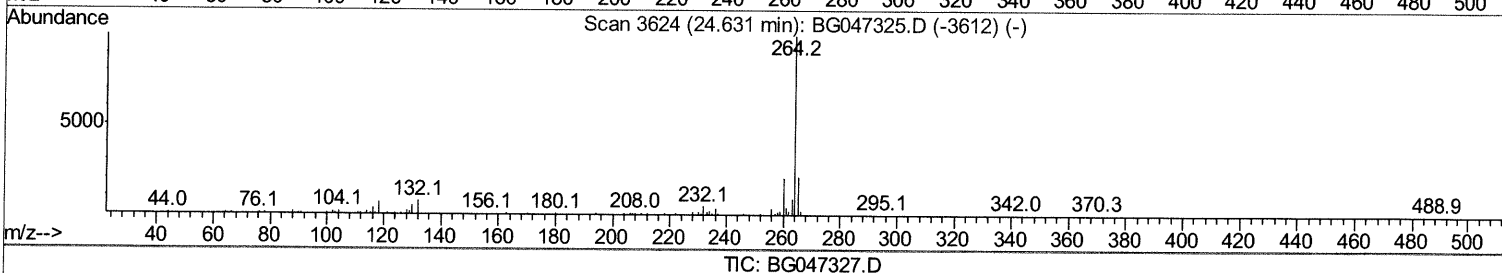
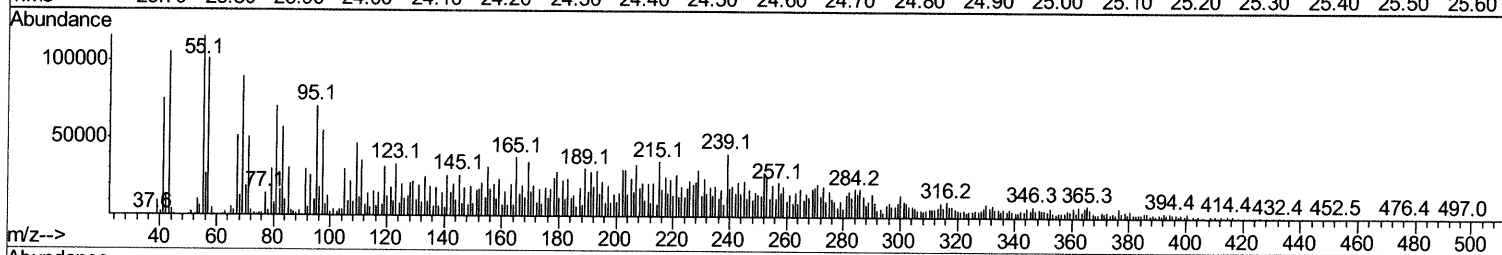
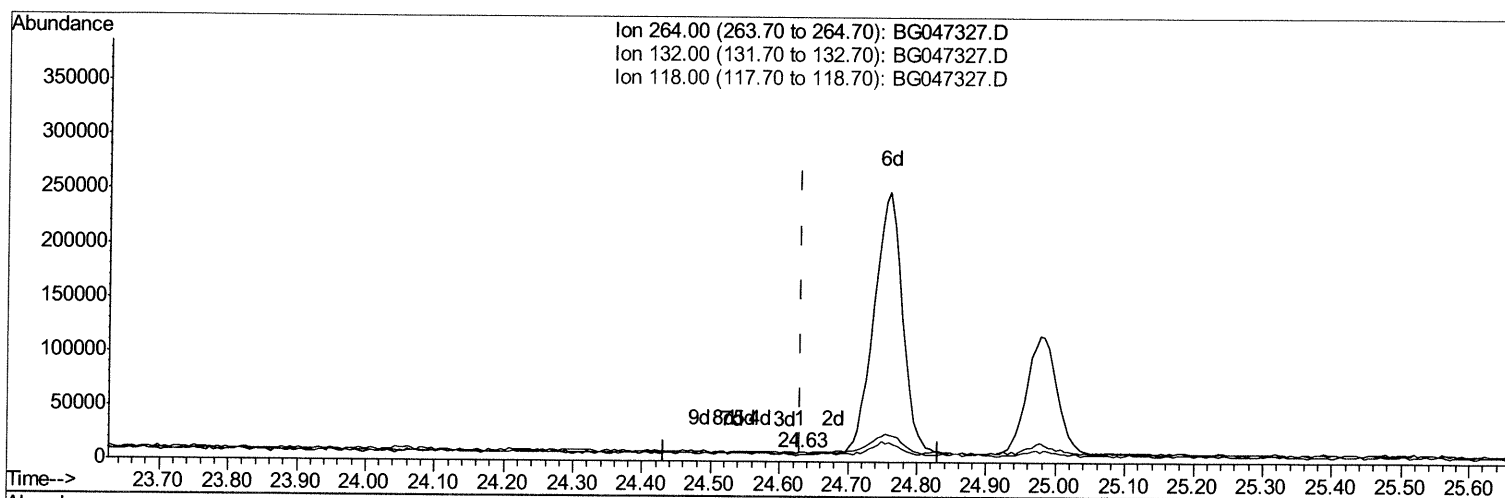
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Sample : L4762-01
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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Response via : Initial Calibration



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

24.631min (-0.001) 0.13ng/ul

response 2471

Ion	Exp%	Act%
264.00	100	100
132.00	8.60	102.53#
118.00	5.20	80.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

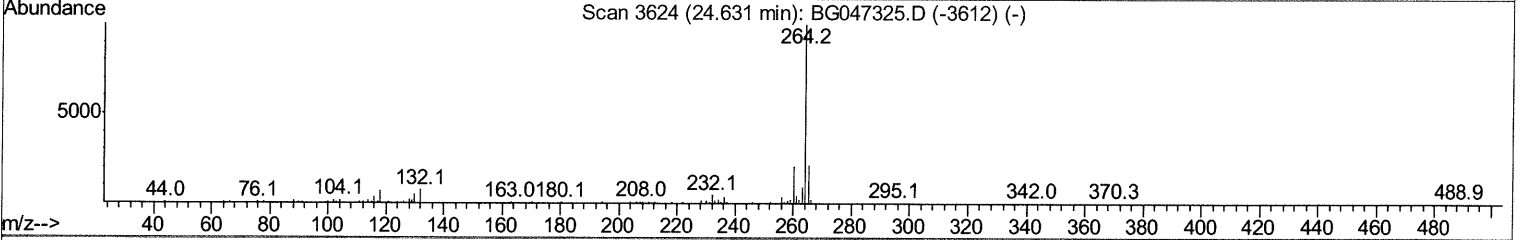
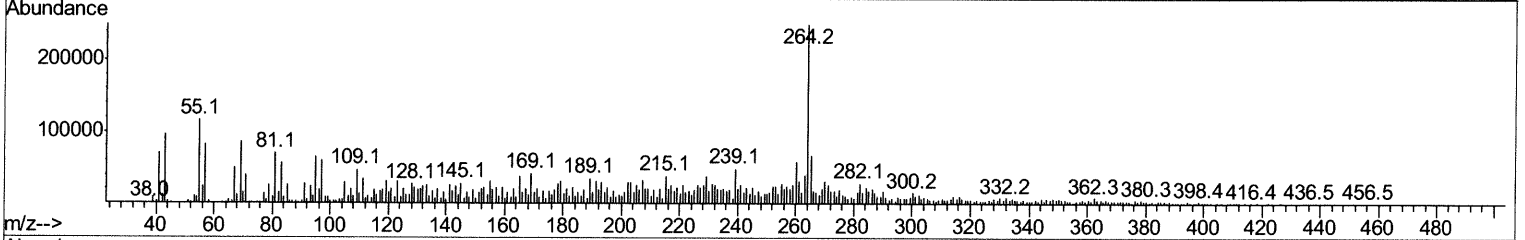
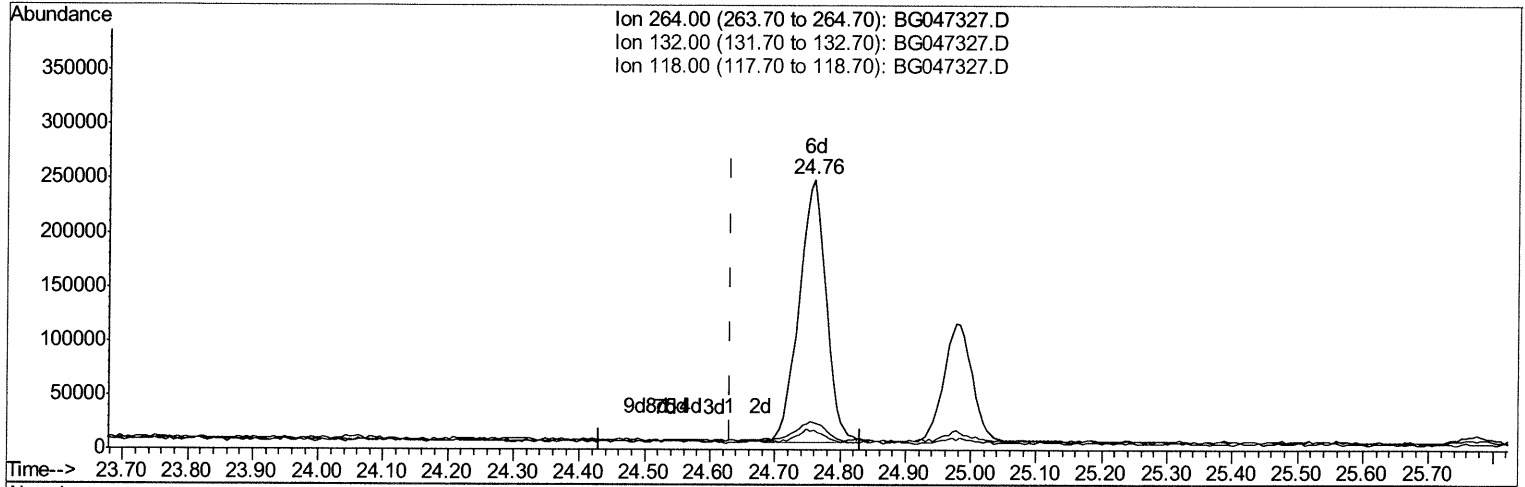
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:41 PM

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TIC: BG047327.D

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

24.760min (+0.129) 35.99ng/ul m 12/03/2024

response 707449

Ion	Exp%	Act%
264.00	100	100
132.00	8.60	9.93
118.00	5.20	7.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

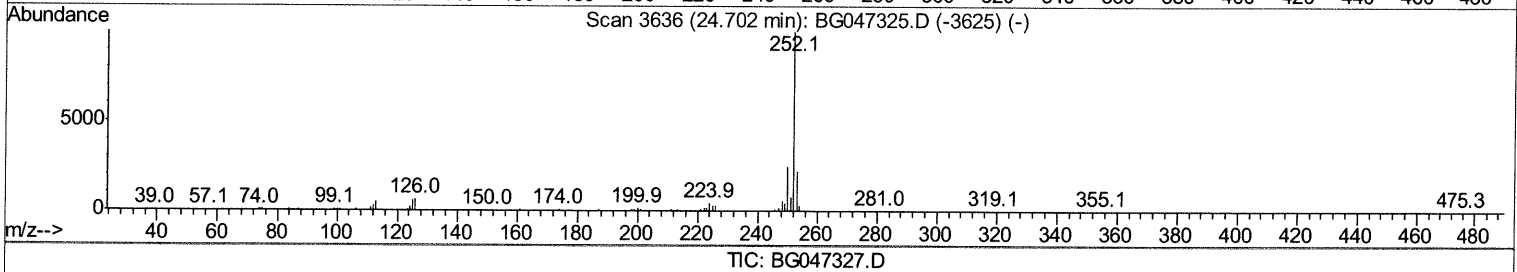
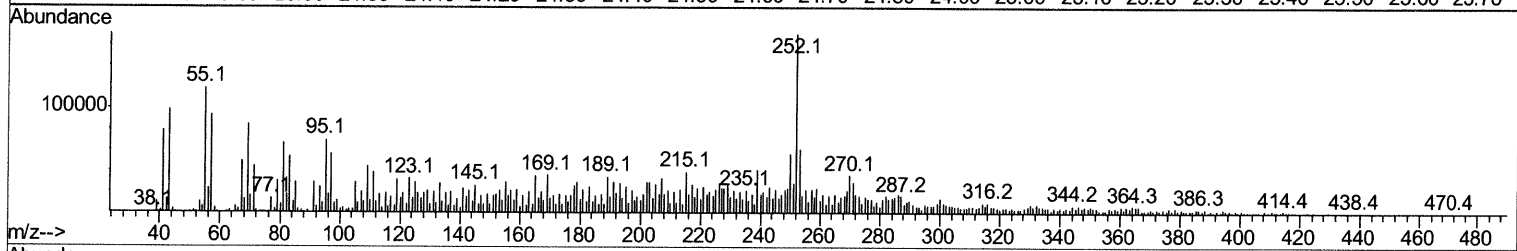
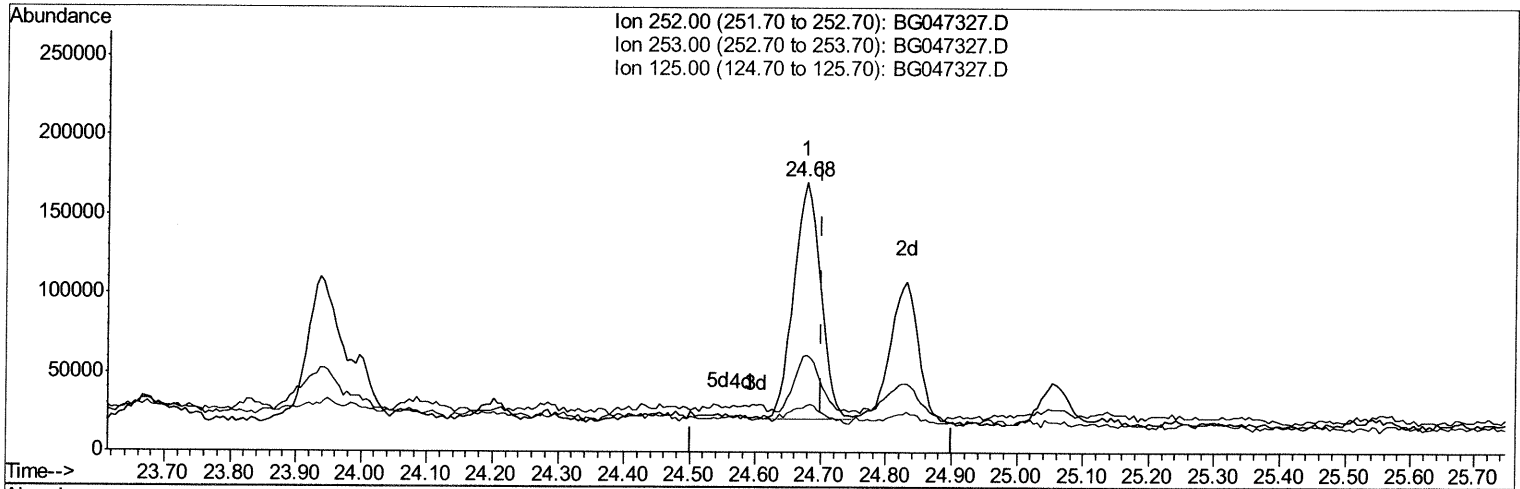
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Manual Integrations
APPROVED

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(91) Benzo(a)pyrene (C)

24.678min (-0.024) 20.17ng/ul

response 431266

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	35.70#
125.00	5.30	17.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

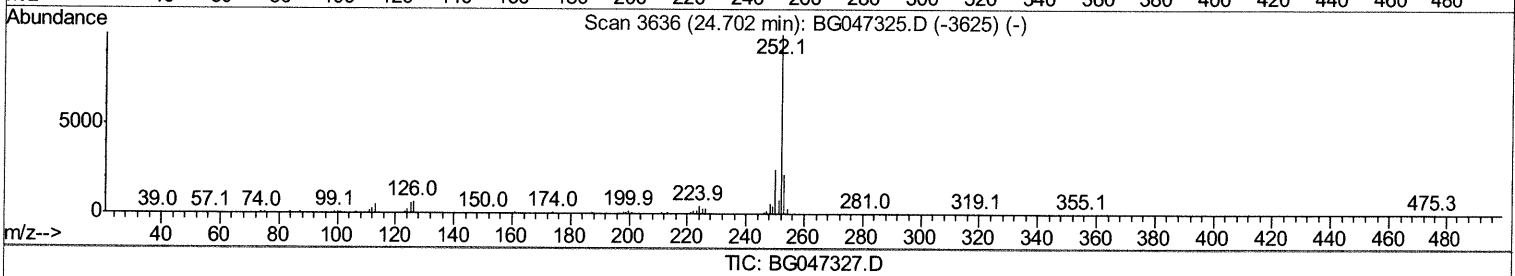
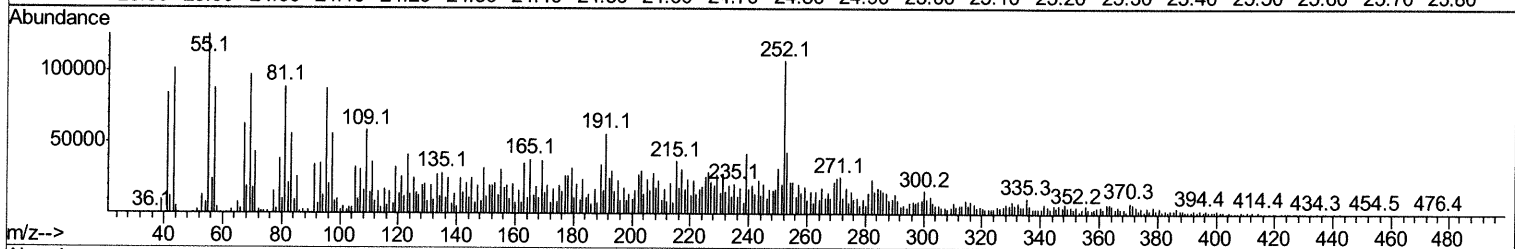
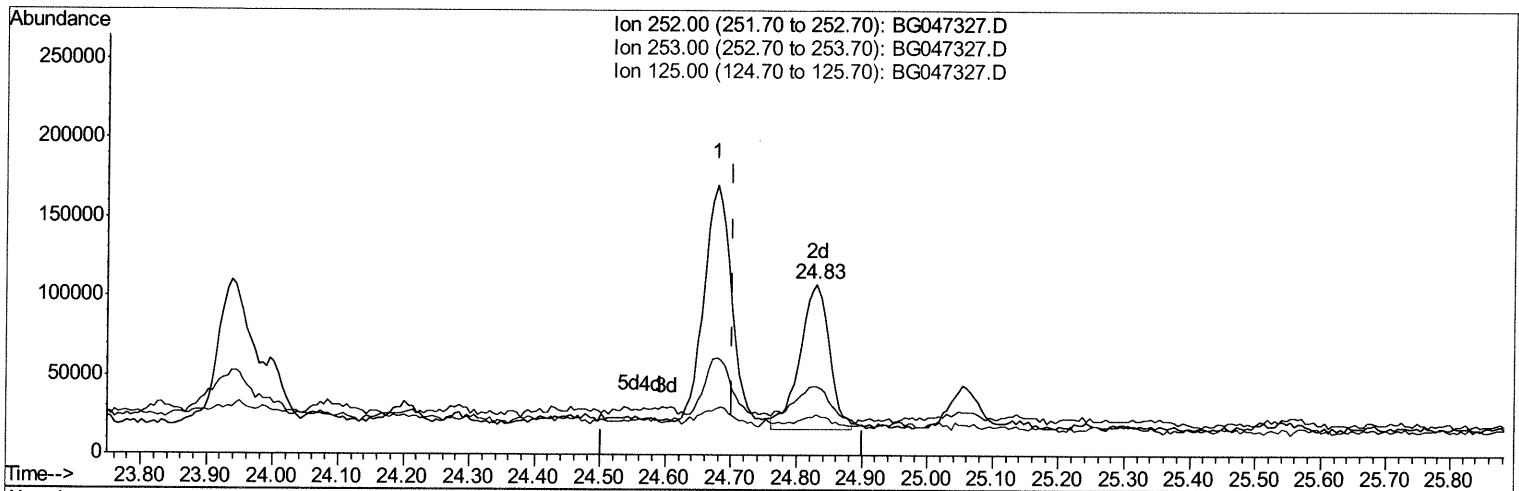
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Instrument :
 BNA_G
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 C0AB6

Manual Integrations
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mohammad
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 QLast Update : Mon Nov 16 12:10:55 2020
 Response via : Initial Calibration



(91) Benzo(a)pyrene (C)

24.830min (+0.129) 13.63ng/ul m 12/03/2024

response 291438

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	40.39#
125.00	5.30	23.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

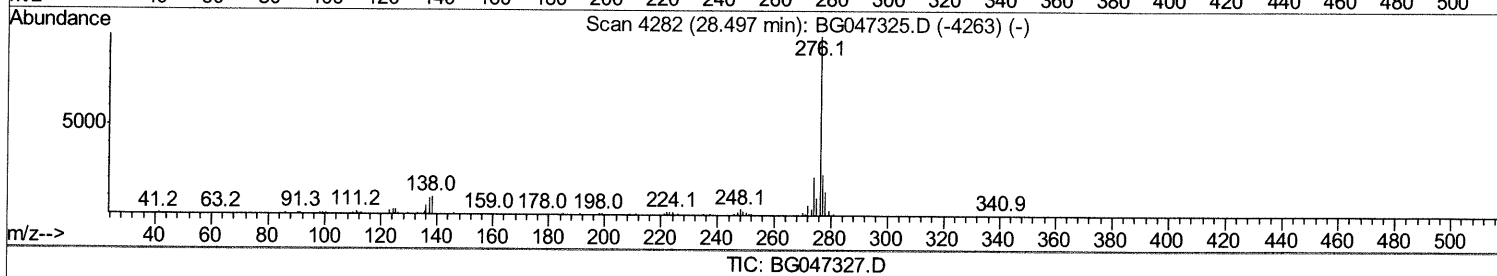
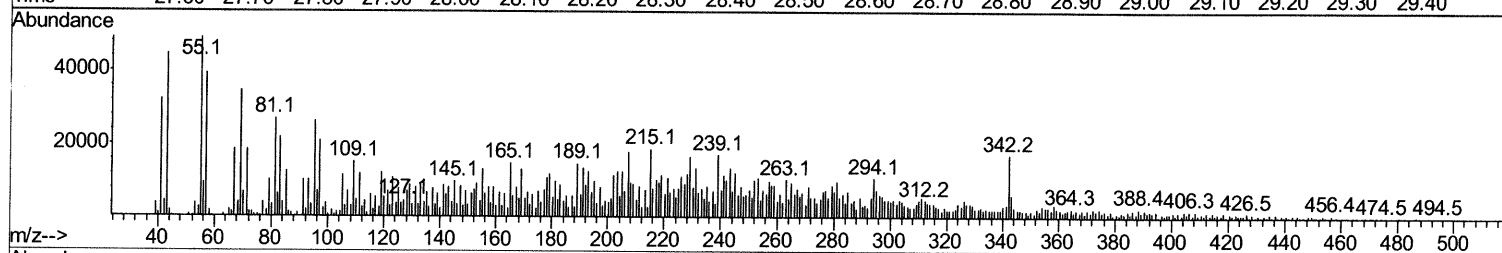
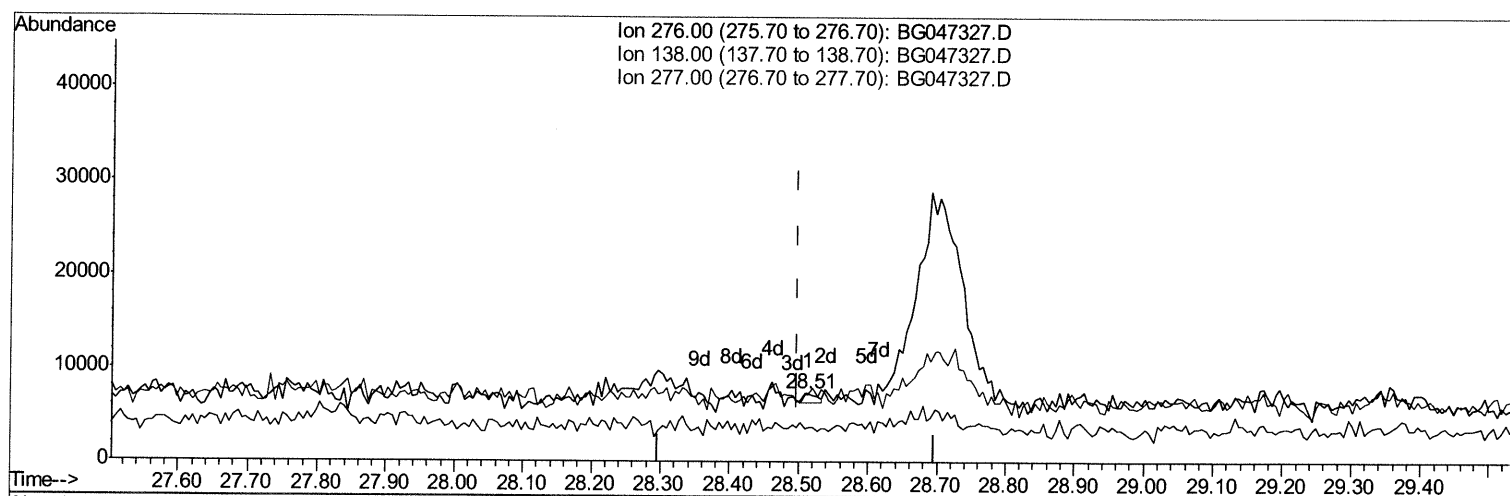
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Sample : L4762-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB6

Manual Integrations
APPROVED

mohammad
11/17/2020 4:09:41 PM

Quant Time: Nov 16 15:06:28 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



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

28.514min (+0.017) 0.05ng/ul

response 1206

Ion	Exp%	Act%
276.00	100	100
138.00	10.10	50.07#
277.00	25.30	102.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

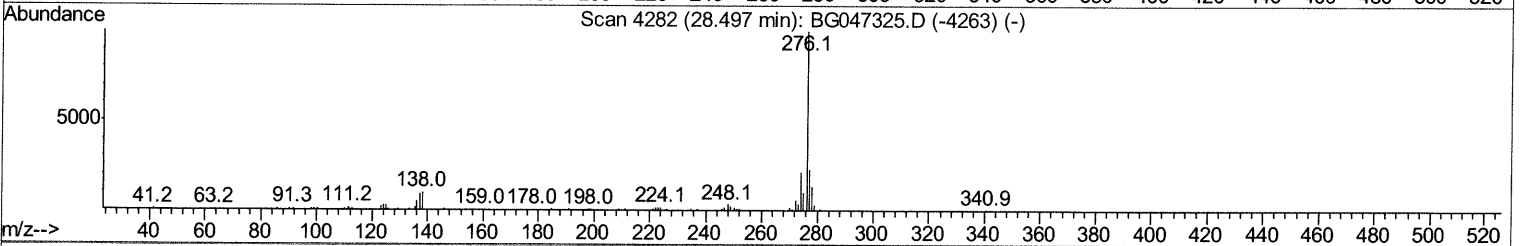
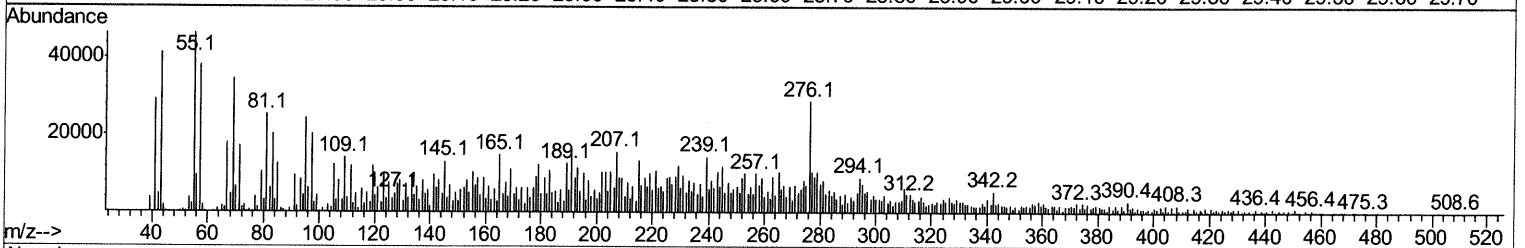
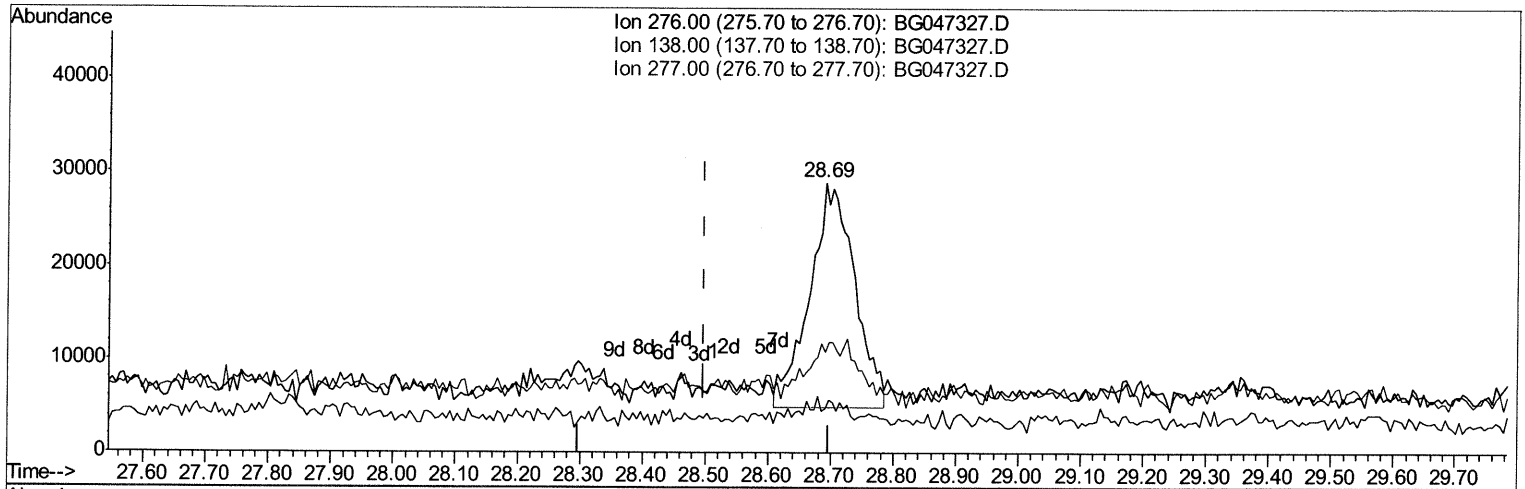
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047327.D
 Acq On : 16 Nov 2020 12:53
 Operator : CG/JU
 Sample : L4762-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:41 PM

Quant Time: Nov 16 15:06:28 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: BG047327.D

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

28.691min (+0.193) 4.51ng/ul m {2/13/2024}

response 119955

Ion	Exp%	Act%
276.00	100	100
138.00	10.10	16.53#
277.00	25.30	37.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

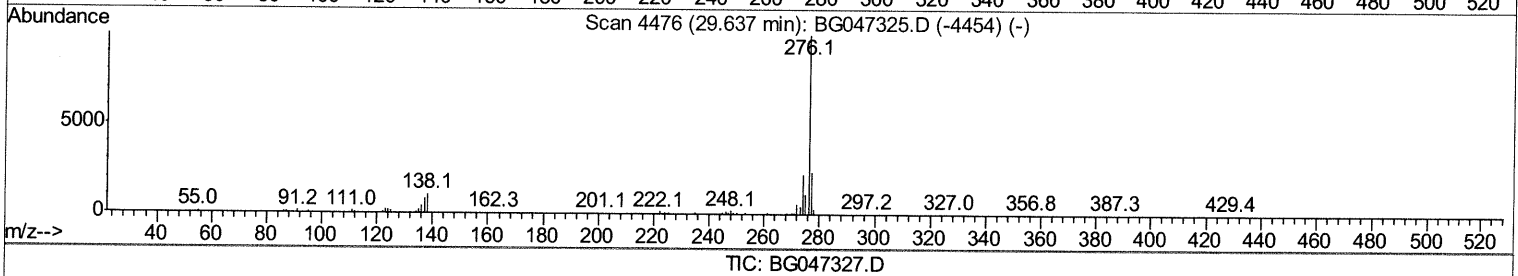
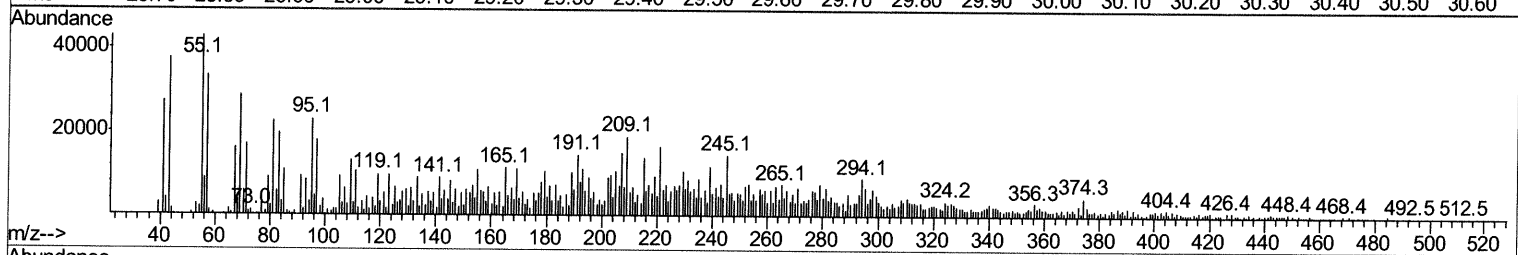
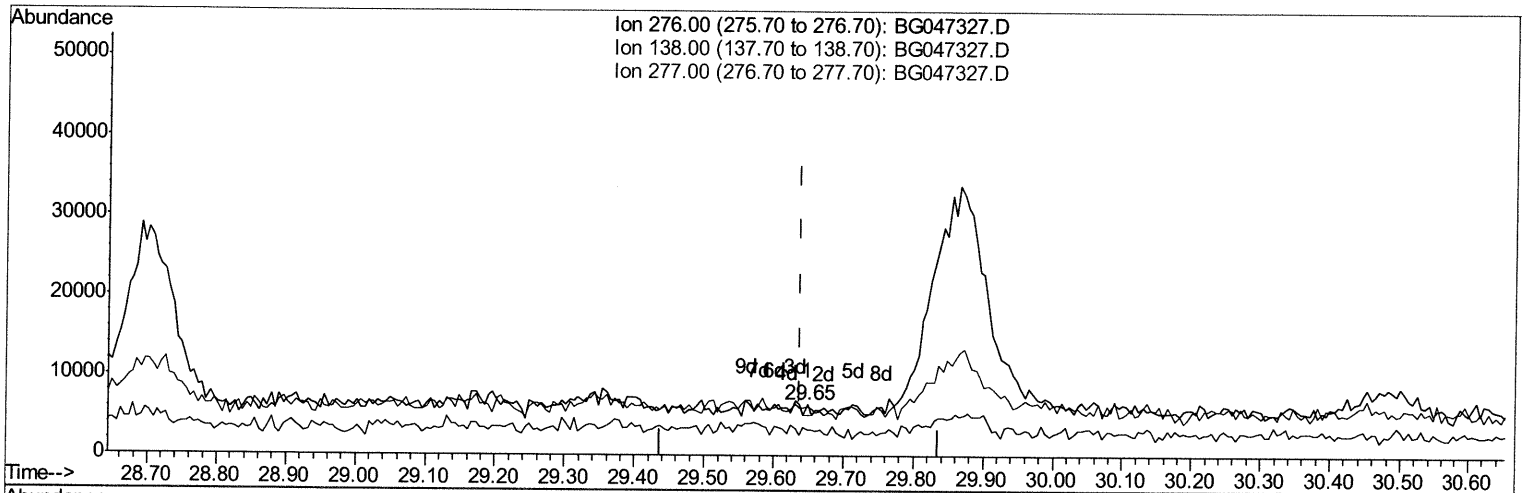
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047327.D
Acq On : 16 Nov 2020 12:53
Operator : CG/JU
Sample : L4762-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB6

Manual Integrations
APPROVED

mohammad
11/17/2020 4:09:41 PM

Quant Time: Nov 16 15:06:28 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



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

29.648min (+0.011) 0.02ng/ui

response 462

Ion	Exp%	Act%
276.00	100	100
138.00	11.30	51.11#
277.00	24.00	96.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

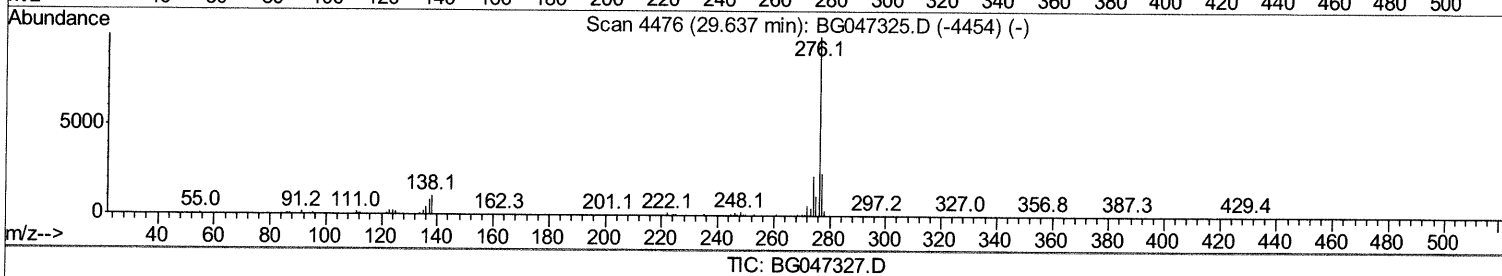
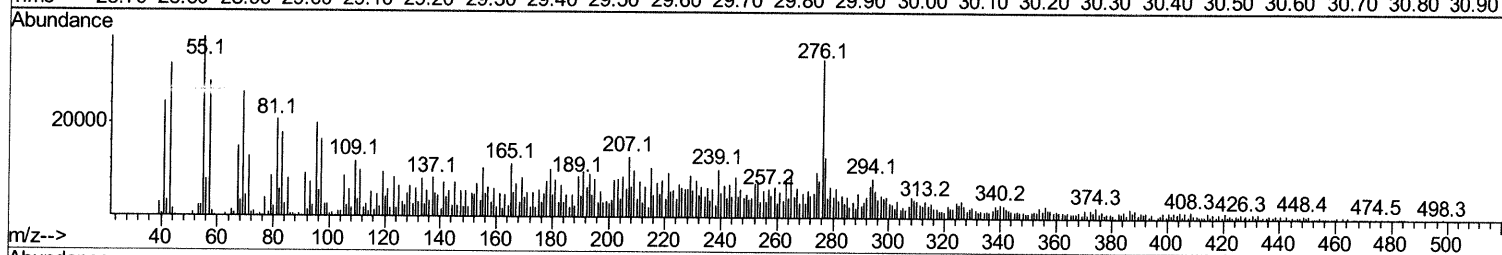
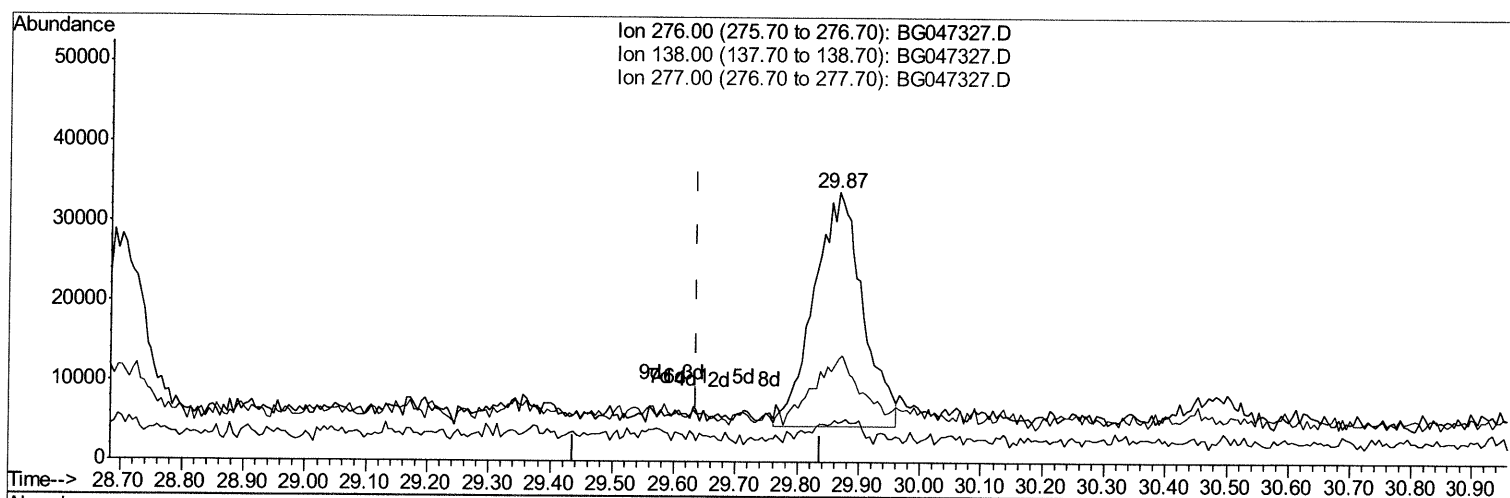
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
Data File : BG047327.D
Acq On : 16 Nov 2020 12:53
Operator : CG/JU
Sample : L4762-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB6

Manual Integrations
APPROVED

mohammad
11/17/2020 4:09:41 PM

Quant Time: Nov 16 15:06:28 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



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

29.866min (+0.229) 7.34ng/ul m 12/03/20 Jd

response 163075

Ion	Exp%	Act%
276.00	100	100
138.00	11.30	14.72#
277.00	24.00	38.40#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111620\
 Data File : BG047327.D
 Acq On : 16 Nov 2020 12:53
 Operator : CG/JU
 Sample : L4762-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

mohammad
 11/17/2020 4:09:41 PM

Quant Time: Nov 16 15:09:20 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	8.01	152	55249	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	196315	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	155133	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.41	188	281998	20.00	ng/ul	0.02
78) Chrysene-d12	21.69	240	339850	20.00	ng/ul	0.04
86) Perylene-d12	24.98	264	357525m >	20.00	ng/ul >	0.13 12/03/2024

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	8634	6.30	ng/uL	0.01
5) Phenol-d5	7.17	99	182670	38.10	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.33	67	110720	40.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	140594	37.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	136497	35.68	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	70479	42.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	80293	41.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	142894	38.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	414012	129.45	ng/ul	-0.01
44) Dimethylphthalate-d6	14.05	166	421231	33.02	ng/ul	0.01
47) Acenaphthylene-d8	14.35	160	488403	32.36	ng/ul	0.02
52) 4-Nitrophenol-d4	14.87	143	113102	56.33	ng/ul	0.02
58) Fluorene-d10	15.66	176	371172	31.34	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.76	200	13694	7.04	ng/ul	0.01
71) Anthracene-d10	17.52	188	549252	40.19	ng/ul	0.03
79) Pyrene-d10	19.81	212	669423	34.53	ng/ul	0.03
90) Benzo(a)pyrene-d12	24.76	264	707449m >	35.99	ng/ul >	0.13 12/03/2024

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
24) 2,4-Dimethylphenol	10.02	107	17327m >	4.324	ng/ul >	12/03/2024
28) Naphthalene	10.88	128	598413	54.259	ng/ul#	95
34) 2-Methylnaphthalene	12.49	142	2344180	297.921	ng/ul	98
41) 1,1'-Biphenyl	13.48	154	326817	26.702	ng/ul#	94
45) Dimethylphthalate	14.10	163	118706	9.273	ng/ul#	69
48) Acenaphthylene	14.39	152	121457	8.603	ng/ul#	1
50) Acenaphthene	14.72	153	376211	36.832	ng/ul	91
54) Dibenzofuran	15.06	168	355425	23.911	ng/ul#	33
59) Fluorene	15.71	166	541661	44.395	ng/ul#	88
70) Phenanthrene	17.47	178	3795421	239.968	ng/ul#	77
72) Anthracene	17.55	178	509152	32.033	ng/ul#	87
75) Carbazole	17.82	167	60974	4.994	ng/ul#	1
77) Fluoranthene	19.47	202	796766	41.855	ng/ul#	96
80) Pyrene	19.84	202	2713560	116.679	ng/ul#	93
83) Benzo(a)anthracene	21.68	228	498015	21.631	ng/ul#	49
85) Chrysene	21.75	228	898677	40.572	ng/ul#	74
88) Benzo(b)fluoranthene	23.94	252	309823m	13.046	ng/ul	12/03/2024
89) Benzo(k)fluoranthene	24.00	252	96764m	4.205	ng/ul	
91) Benzo(a)pyrene	24.83	252	291438m	13.627	ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.69	276	119955m	4.513	ng/ul	
94) Benzo(a,h,i)perylene	29.87	276	163075m	7.341	ng/ul	