

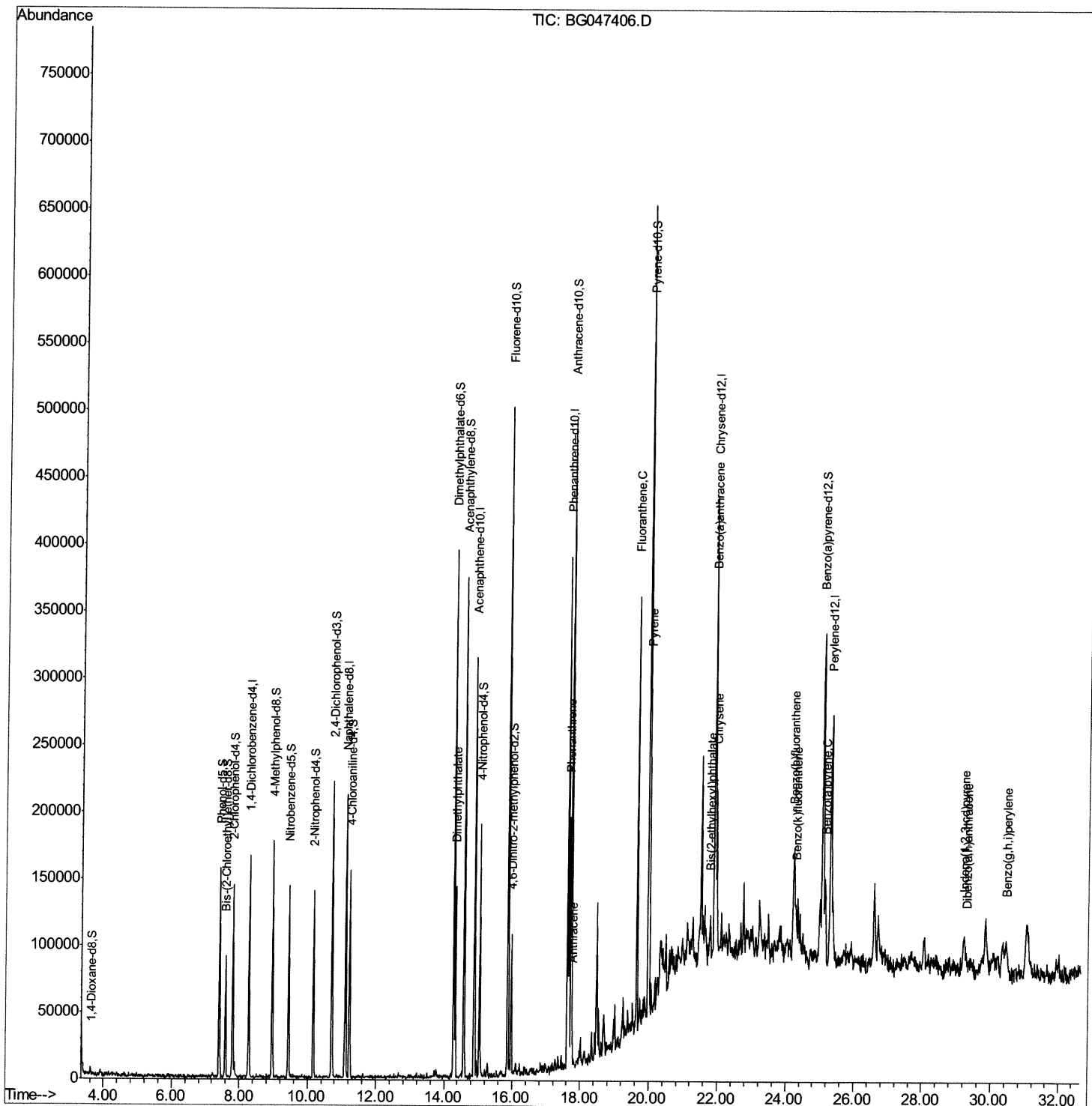
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047406.D
Acq On : 21 Nov 2020 22:31
Operator : CG/JU
Sample : L4711-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0BF6

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:03 AM

Quant Time: Nov 23 05:58:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration



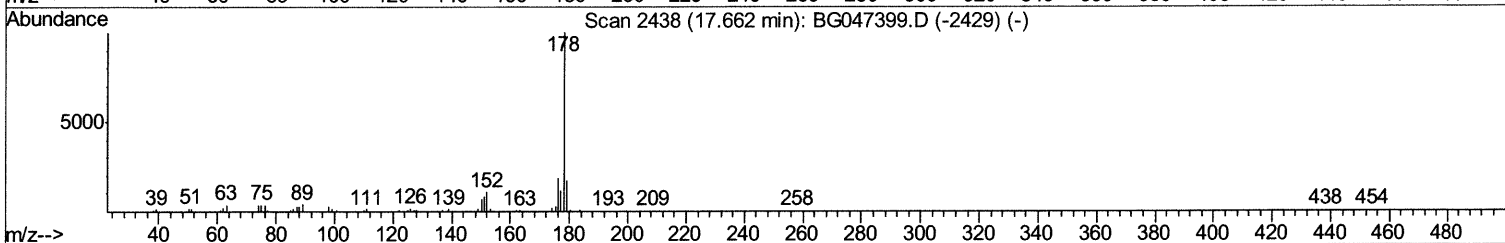
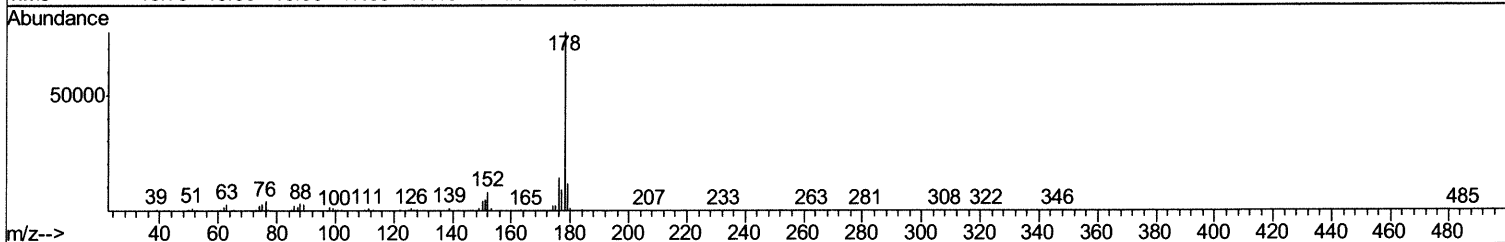
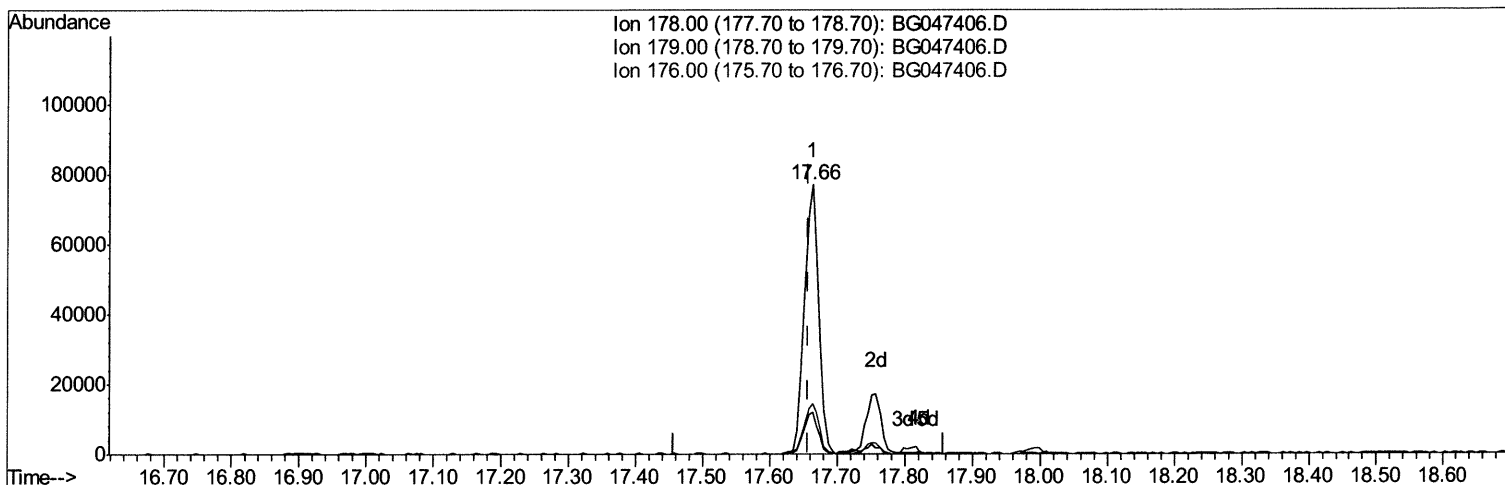
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
Data File : BG047406.D
Acq On : 21 Nov 2020 22:31
Operator : CG/JU
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Instrument :
BNA_G
ClientSampleId :
C0BF6

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:03 AM

Quant Time: Nov 23 05:53:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration



TIC: BG047406.D

(70) Phenanthrene

17.663min (+0.007) 8.57ng/ul

response 115509

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.54
176.00	19.60	18.69
0.00	0.00	0.00

Quantitation Report (Qedit)

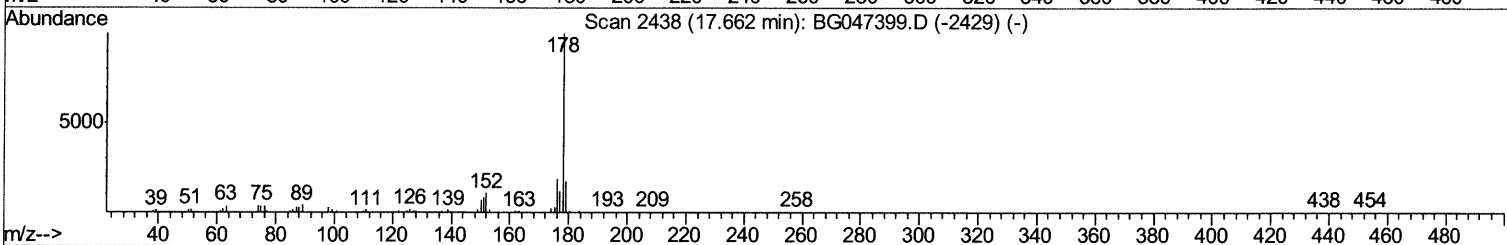
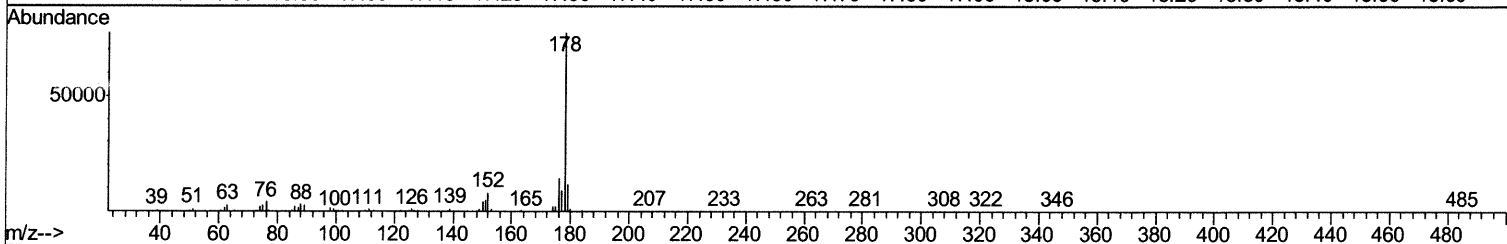
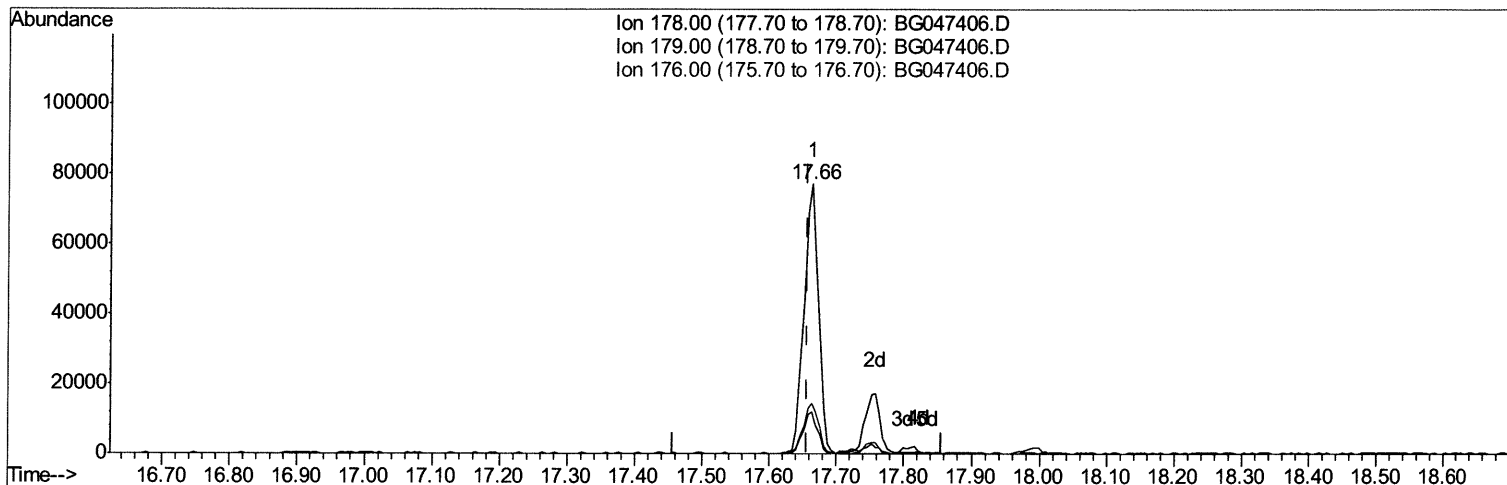
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
 Data File : BG047406.D
 Acq On : 21 Nov 2020 22:31
 Operator : CG/JU
 Sample : L4711-24
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BF6

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:03 AM

Quant Time: Nov 23 05:53:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration



TIC: BG047406.D

(70) Phenanthrene

17.663min (+0.007) 8.56ng/ul m 11/30/20 5 u

response 115423

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	15.54
176.00	19.60	18.69
0.00	0.00	0.00

Quantitation Report (Qedit)

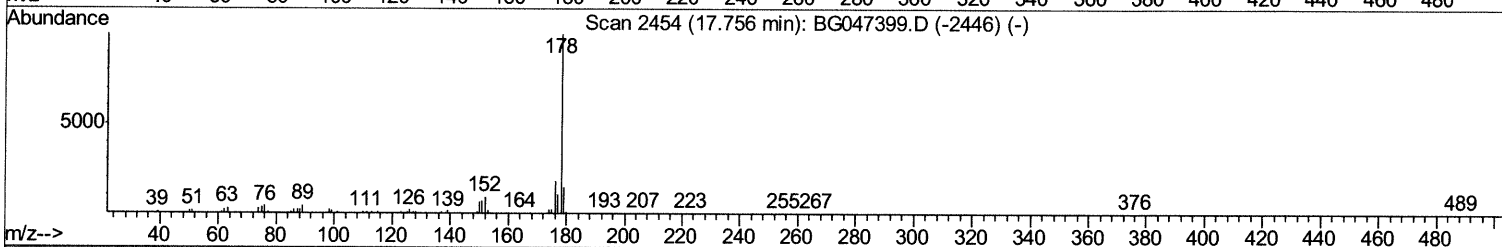
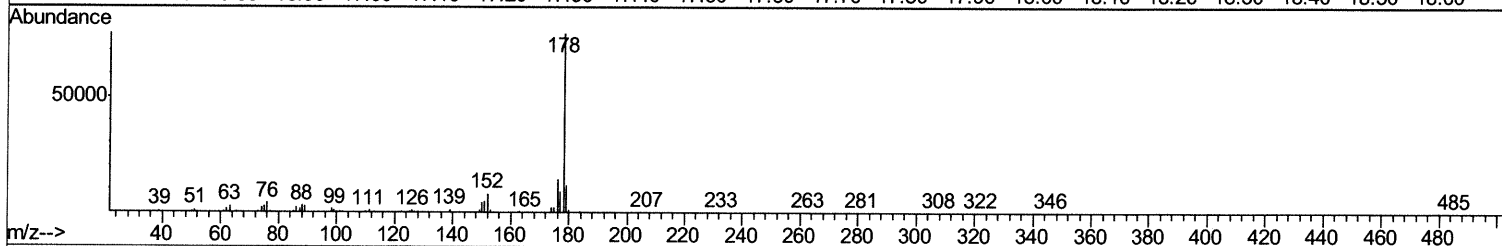
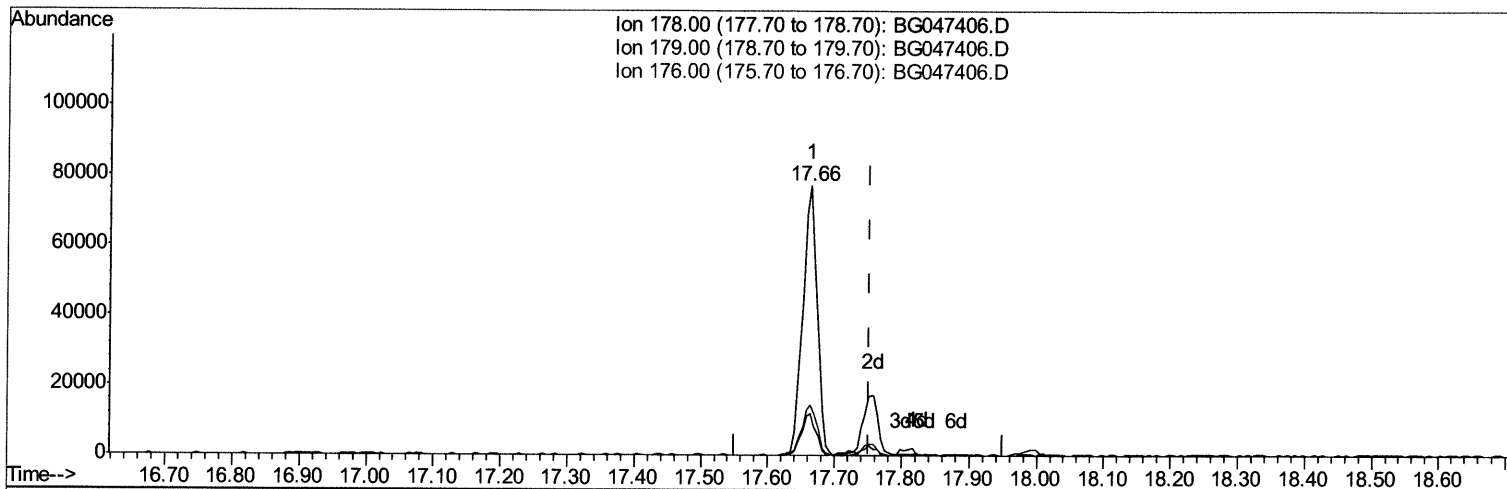
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
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 Operator : CG/JU
 Sample : L4711-24
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BF6

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:03 AM

Quant Time: Nov 23 05:55:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration



TIC: BG047406.D

(72) Anthracene

17.663min (-0.087) 8.51ng/ul

response 115509

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.54
176.00	20.30	18.69
0.00	0.00	0.00

Quantitation Report (Qedit)

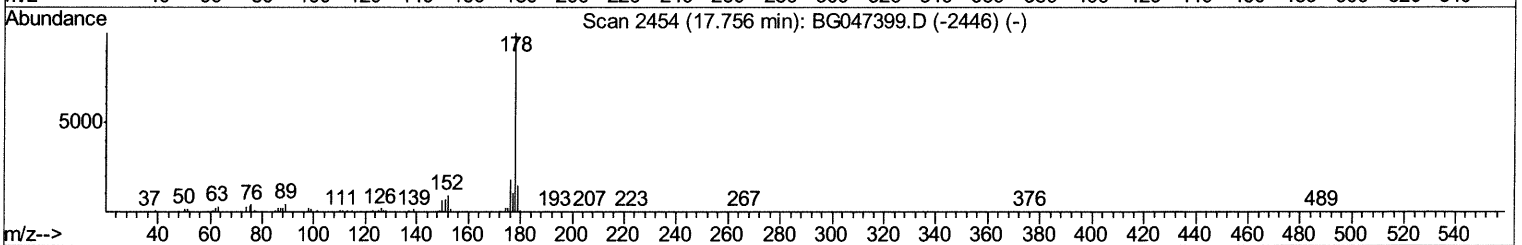
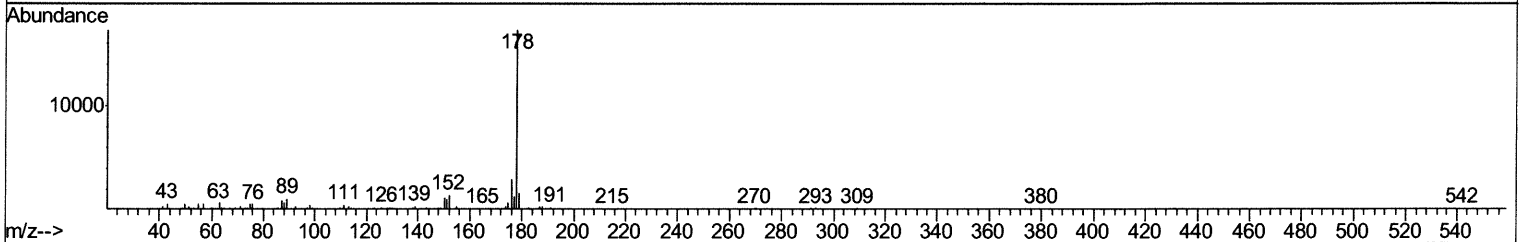
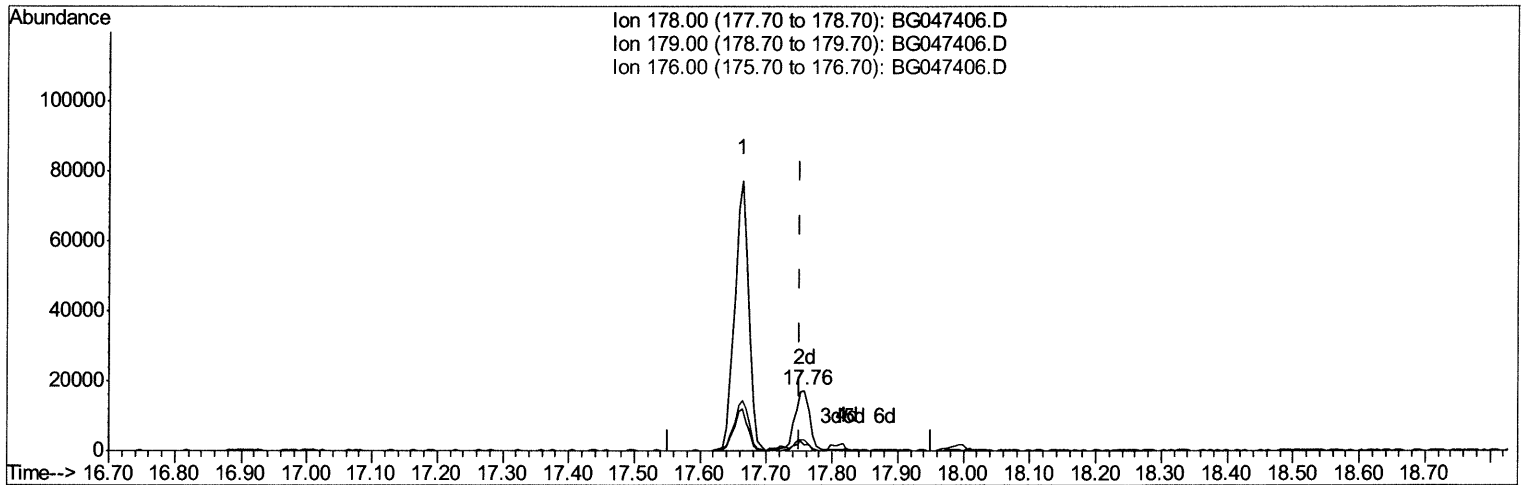
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
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Sample : L4711-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BF6

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:03 AM

Quant Time: Nov 23 05:55:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration



TIC: BG047406.D

(72) Anthracene

17.758min (+0.007) 2.08ng/ul m 11/30/2024

response 28288

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	9.57#
176.00	20.30	17.42
0.00	0.00	0.00

Quantitation Report (Qedit)

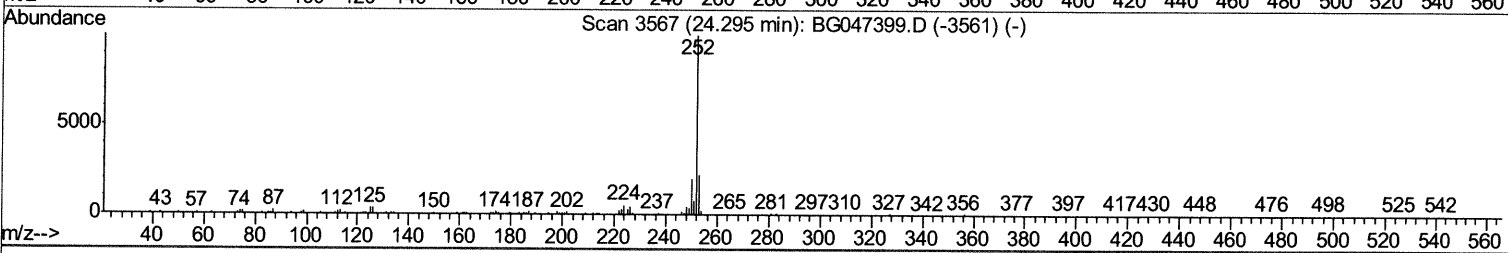
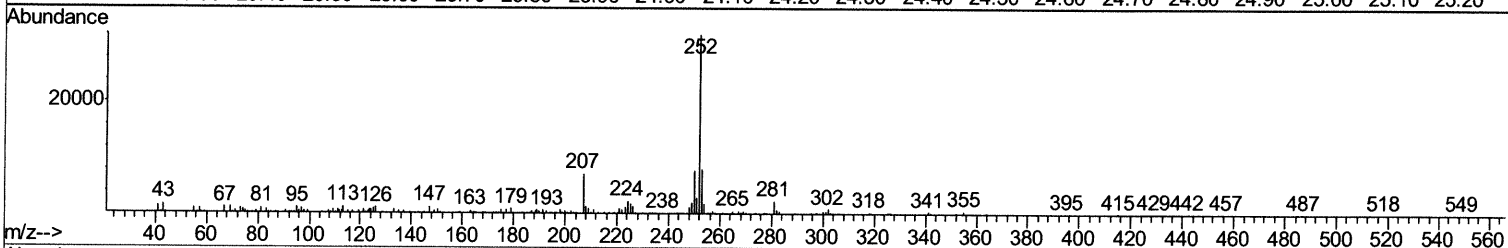
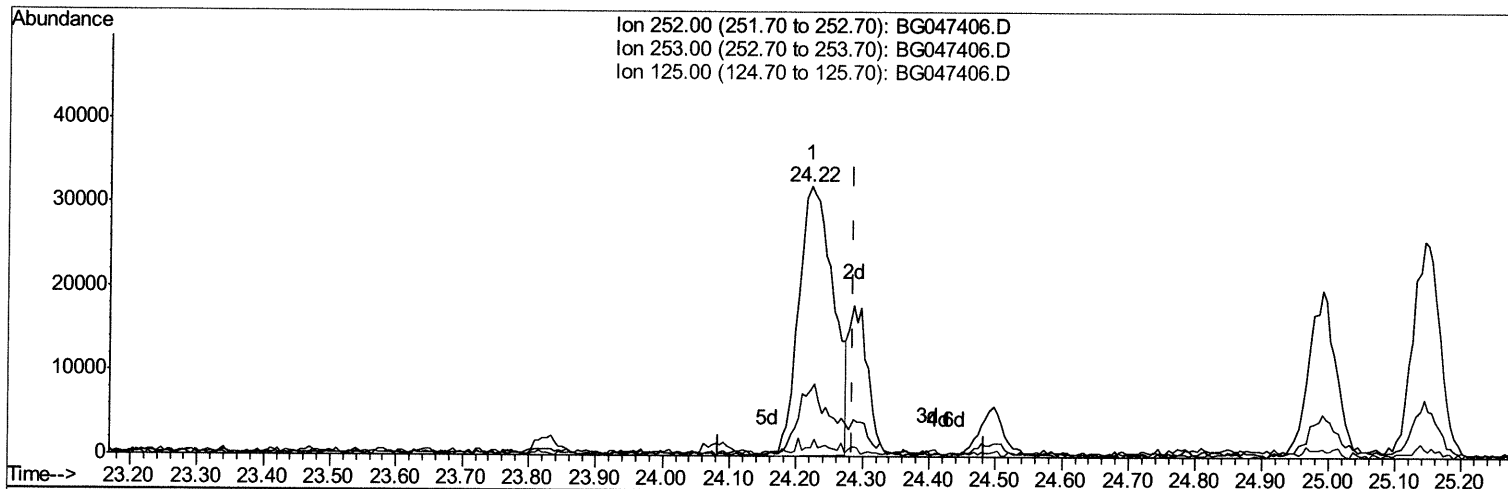
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
 Data File : BG047406.D
 Acq On : 21 Nov 2020 22:31
 Operator : CG/JU
 Sample : L4711-24
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0BF6

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:03 AM

Quant Time: Nov 23 05:55:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration



TIC: BG047406.D

(89) Benzo(k)fluoranthene

24.221min (-0.064) 7.55ng/ul

response 116310

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	24.70
125.00	3.20	3.05
0.00	0.00	0.00

Quantitation Report (Qedit)

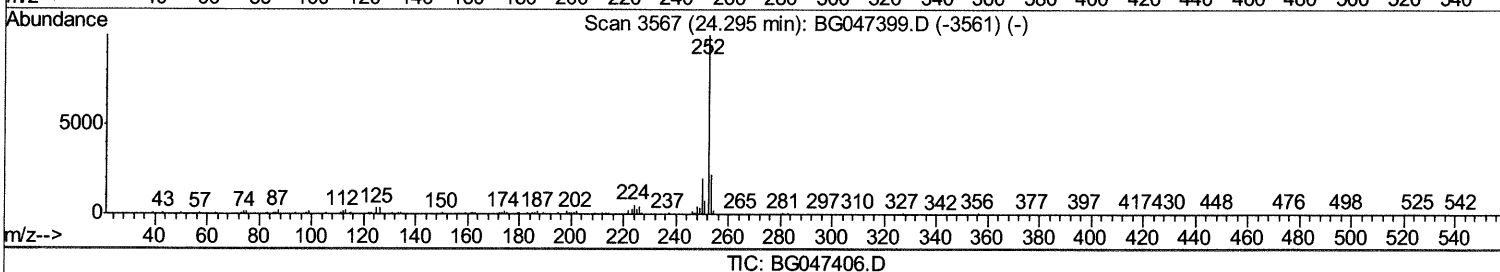
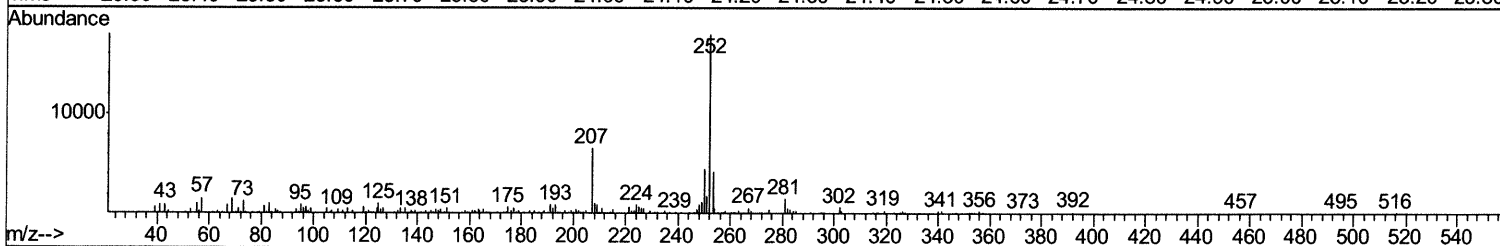
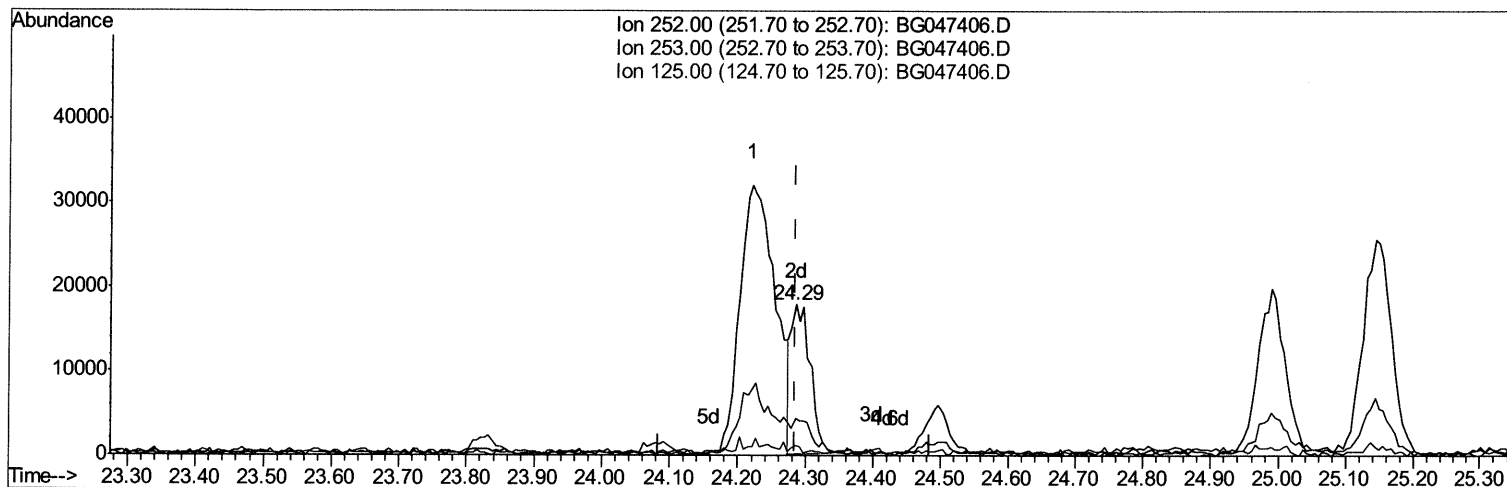
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 Data File : BG047406.D
 Acq On : 21 Nov 2020 22:31
 Operator : CG/JU
 Sample : L4711-24
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BF6

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:03 AM

Quant Time: Nov 23 05:55:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG11920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration



TIC: BG047406.D

(89) Benzo(k)fluoranthene

24.285min (+0.001) 2.22ng/ul m 11/30/2020

response 34253

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	24.15
125.00	3.20	6.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

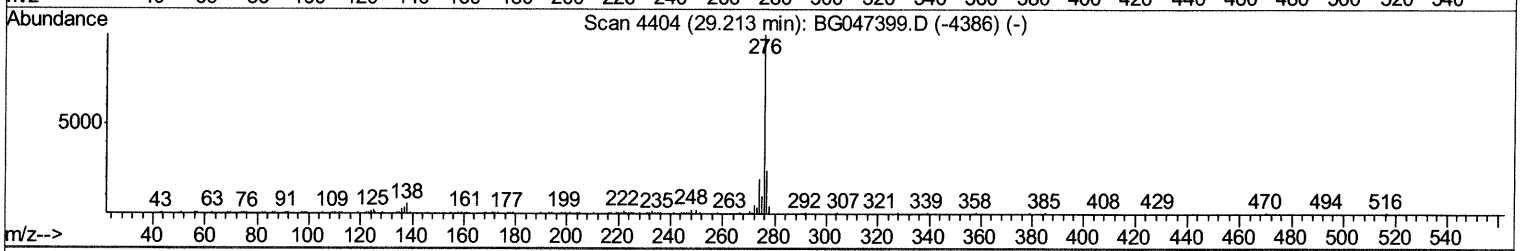
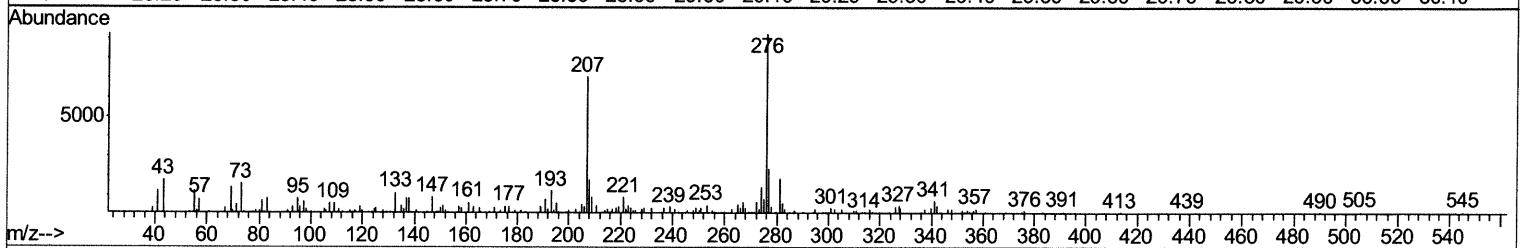
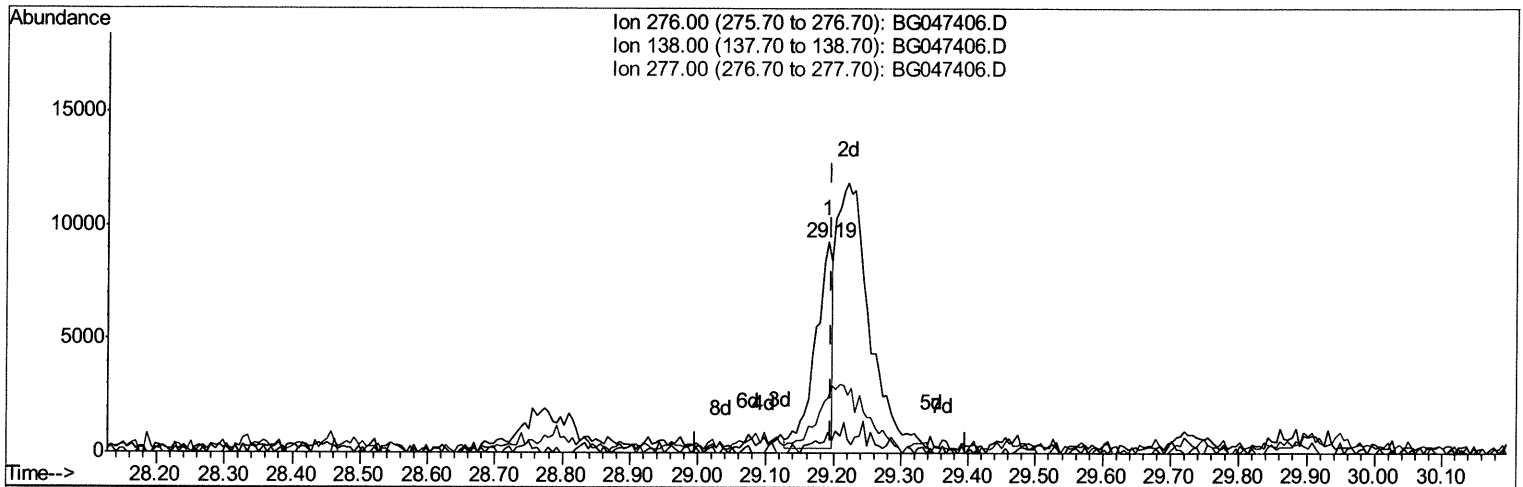
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
 Data File : BG047406.D
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 Operator : CG/JU
 Sample : L4711-24
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0BF6

Manual Integrations
APPROVED

mohammad
 11/24/2020 9:01:03 AM

Quant Time: Nov 23 05:55:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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 Response via : Initial Calibration



TIC: BG047406.D

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

29.191min (-0.005) 0.98ng/ul

response 16643

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	9.70
277.00	24.90	26.24
0.00	0.00	0.00

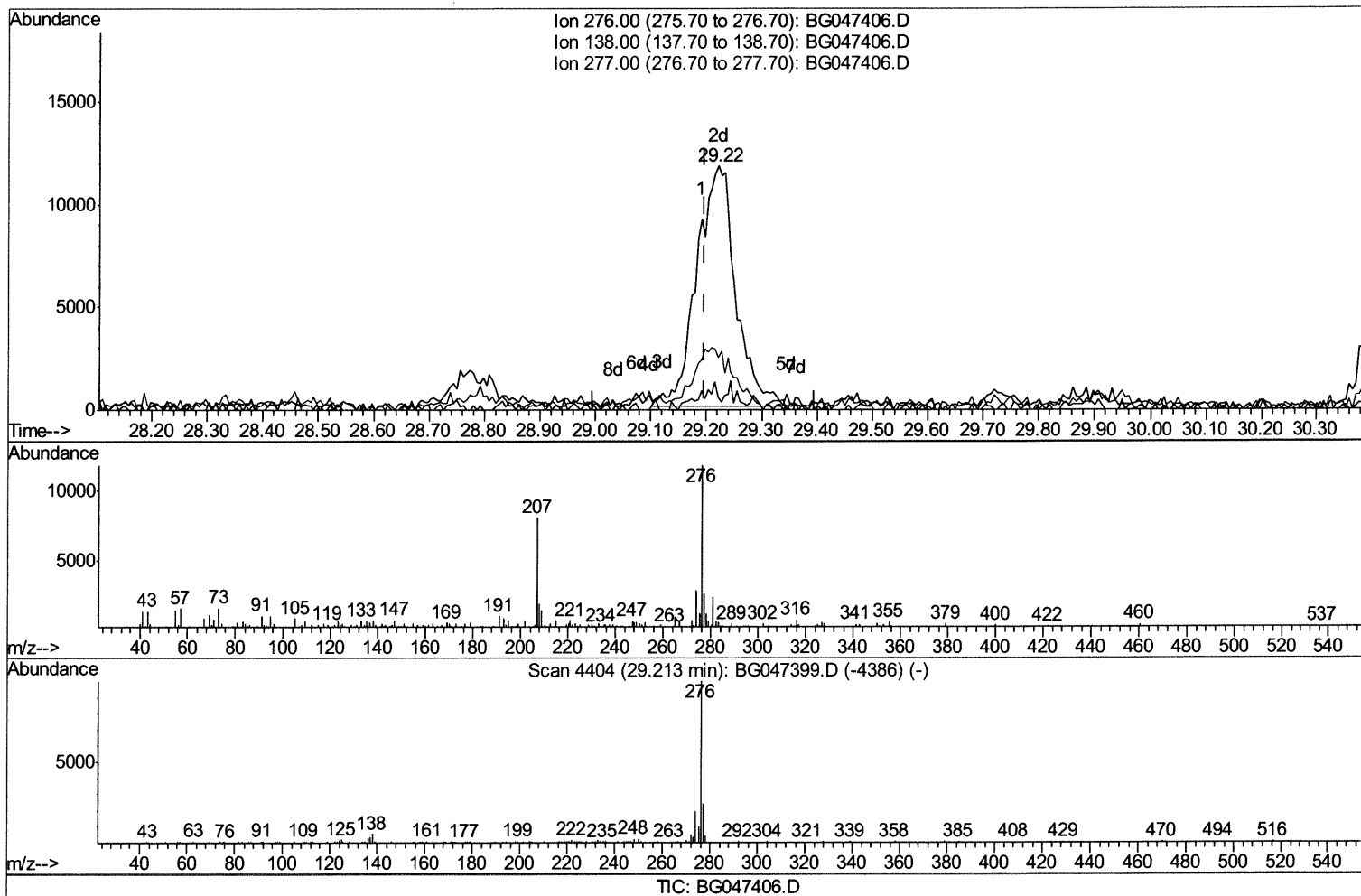
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Data File : BG047406.D
Acq On : 21 Nov 2020 22:31
Operator : CG/JU
Sample : L4711-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BF6

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:03 AM

Quant Time: Nov 23 05:55:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration



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

29.221min (+0.024) 3.41ng/ul m 11/30/20 JU

response 57828

Ion	Exp%	Act%
276.00	100	100
138.00	9.40	5.13#
277.00	24.90	21.51
0.00	0.00	0.00

Quantitation Report (Qedit)

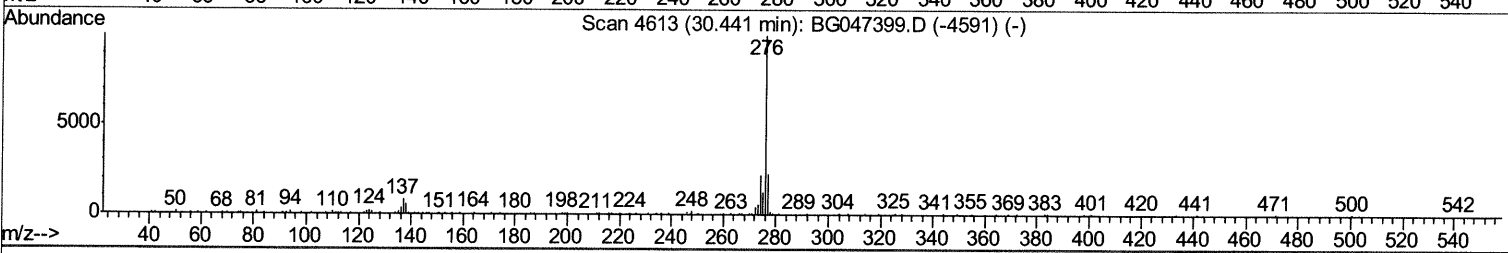
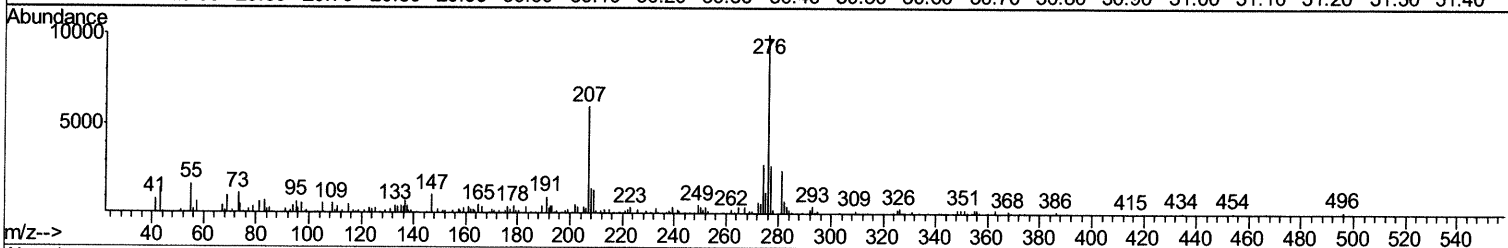
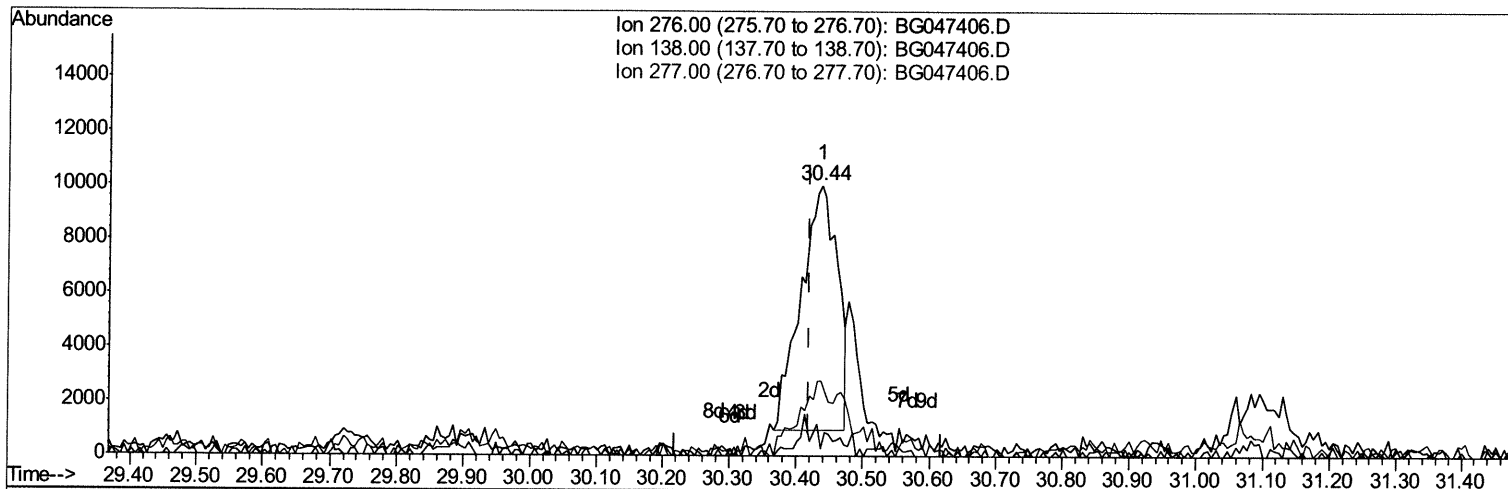
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
 Data File : BG047406.D
 Acq On : 21 Nov 2020 22:31
 Operator : CG/JU
 Sample : L4711-24
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0BF6

Manual Integrations
APPROVED

mohammad
 11/24/2020 9:01:03 AM

Quant Time: Nov 23 05:55:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BG047406.D

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

30.437min (+0.018) 2.46ng/ul

response 34439

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	2.78#
277.00	21.90	27.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

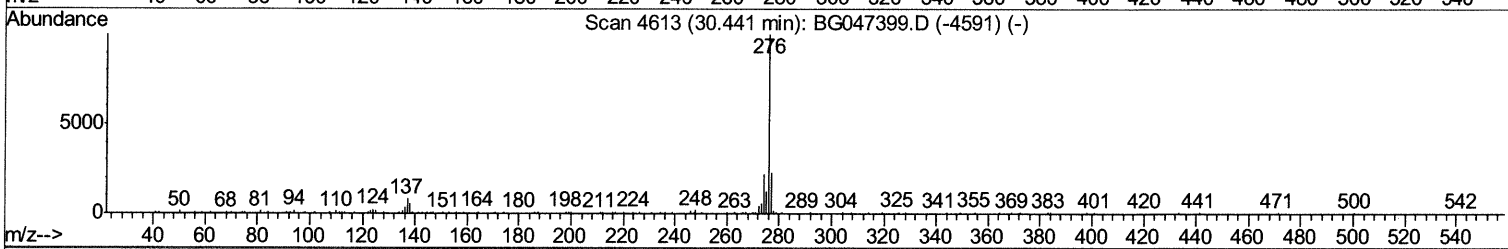
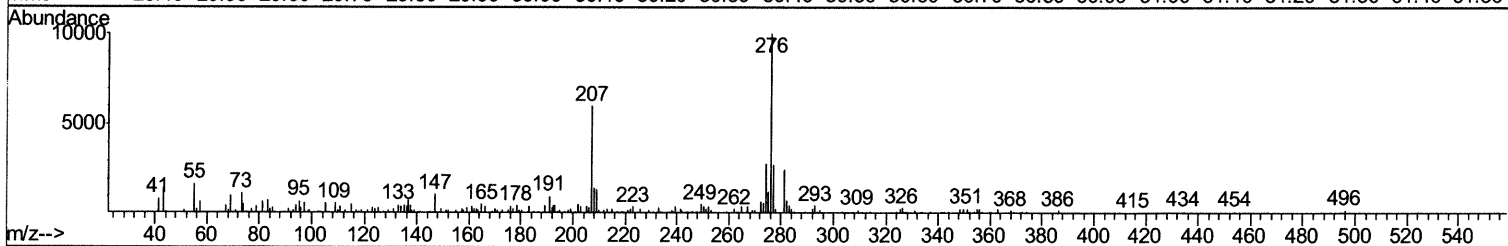
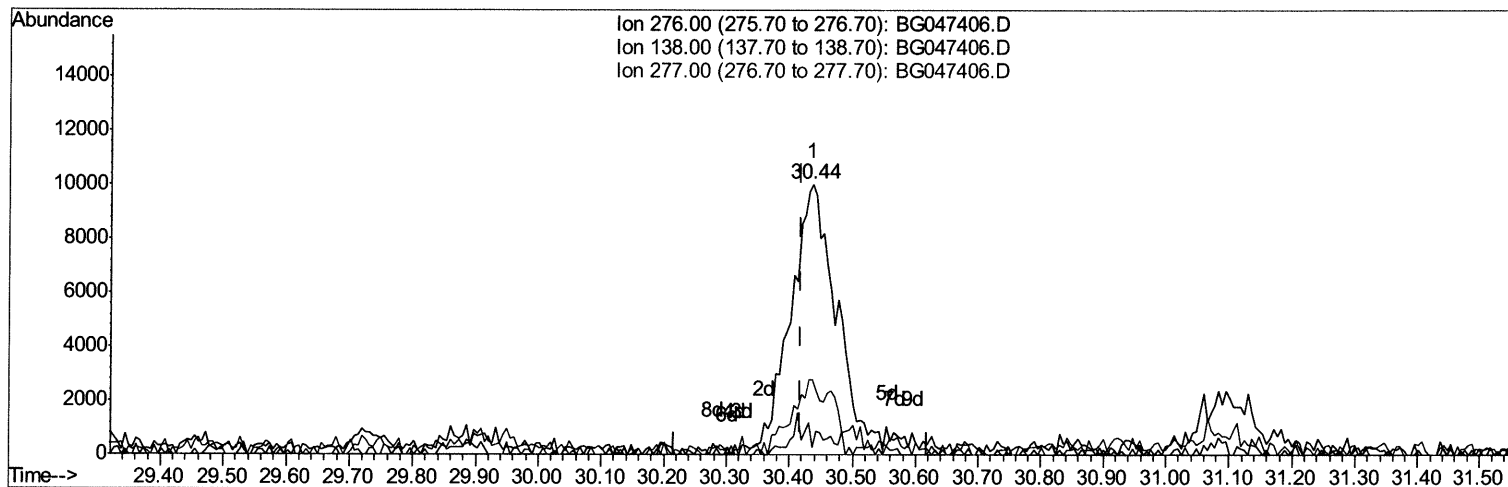
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Data File : BG047406.D
Acq On : 21 Nov 2020 22:31
Operator : CG/JU
Sample : L4711-24
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BF6

Manual Integrations
APPROVED

mohammad
11/24/2020 9:01:03 AM

Quant Time: Nov 23 05:55:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 05:04:11 2020
Response via : Initial Calibration



TIC: BG047406.D

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

30.437min (+0.018) 3.66ng/ul m 11/30/2020

response 51174

Ion	Exp%	Act%
276.00	100	100
138.00	10.20	2.78#
277.00	21.90	27.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

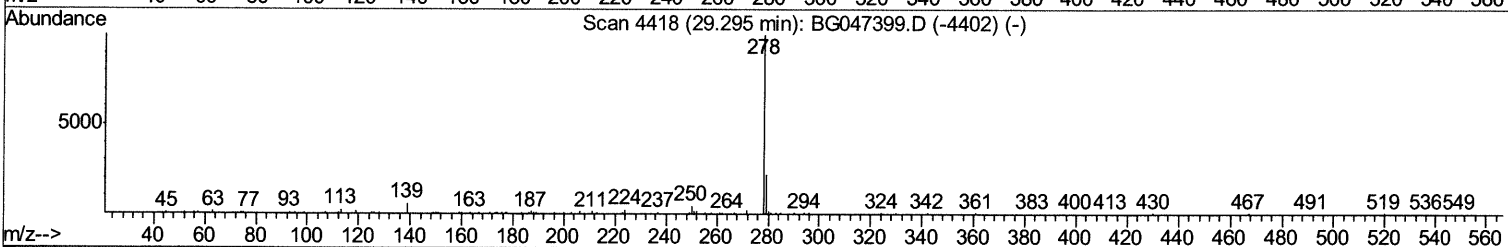
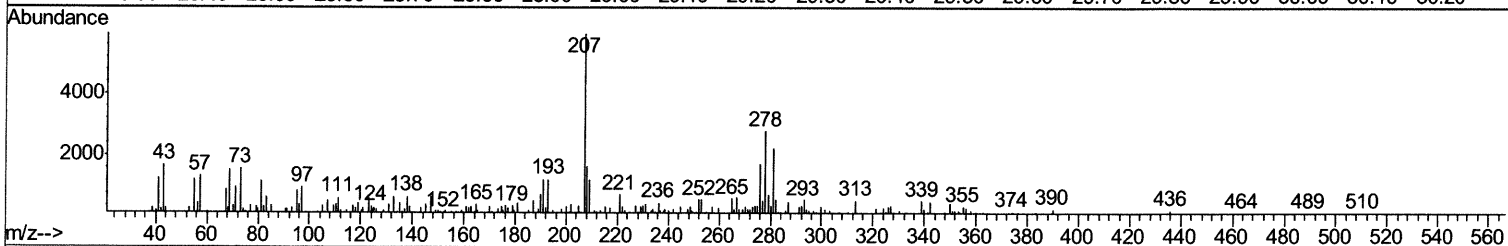
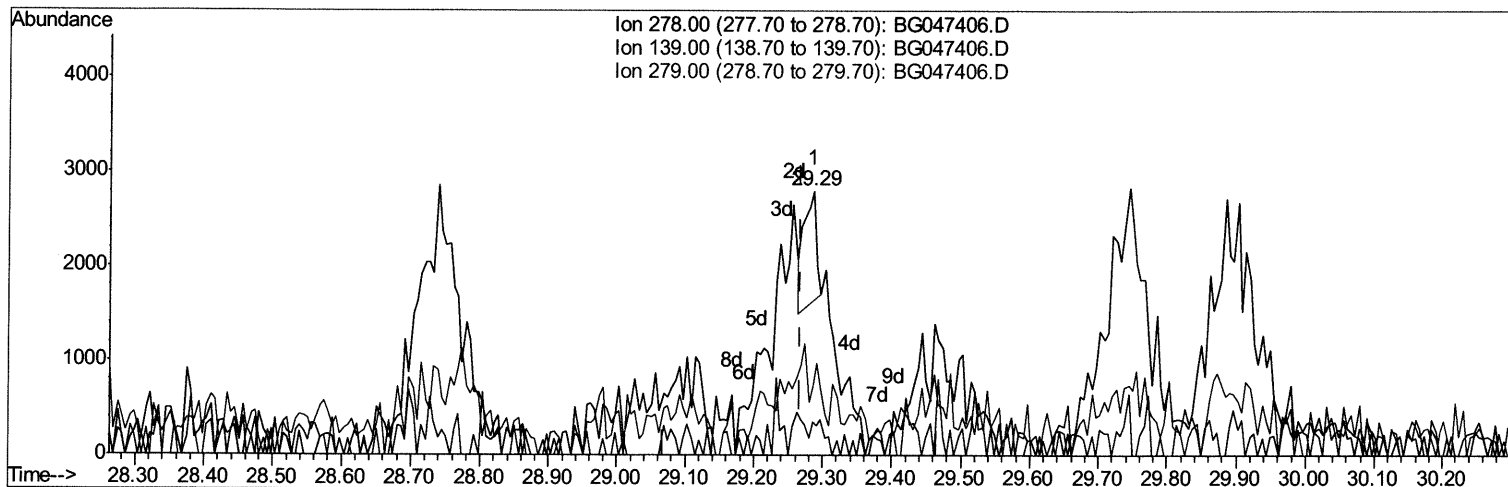
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Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:03 AM

Quant Time: Nov 23 05:57:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG11920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 05:04:11 2020
 Response via : Initial Calibration



TIC: BG047406.D

(93) Dibenzo(a,h)anthracene

29.285min (+0.018) 0.11ng/ul

response 1567

Ion	Exp%	Act%
278.00	100	100
139.00	7.20	12.49#
279.00	25.00	26.19
0.00	0.00	0.00

Quantitation Report (Qedit)

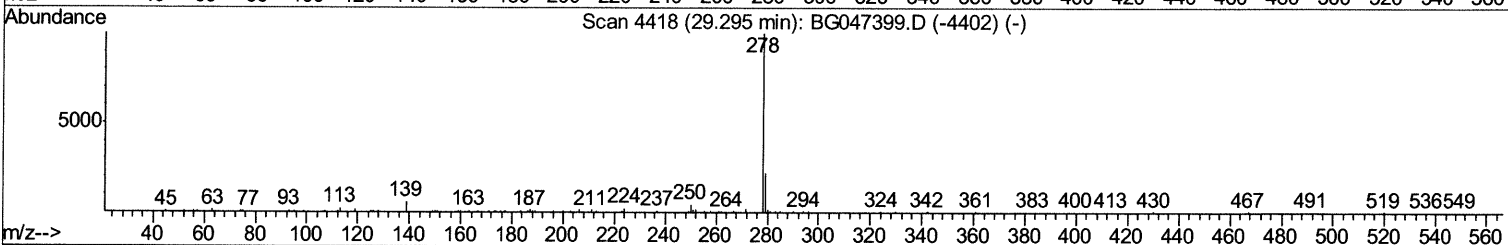
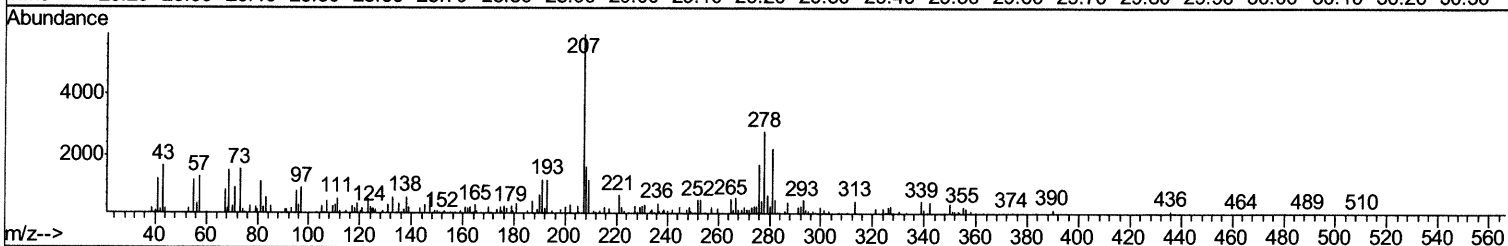
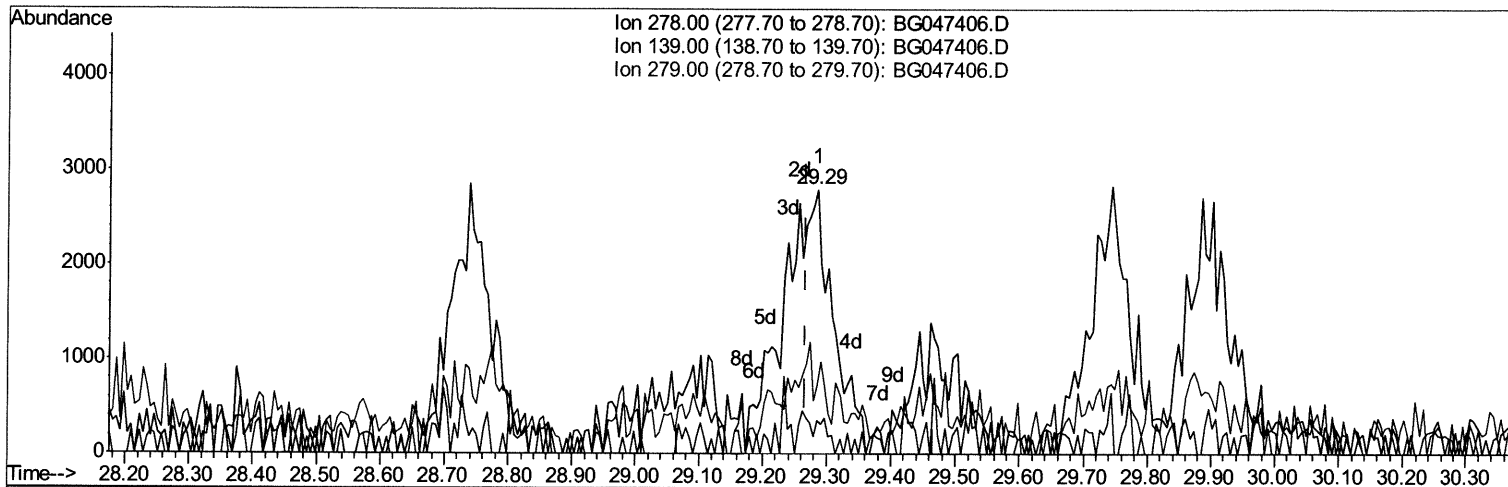
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:01:03 AM

Quant Time: Nov 23 05:57:50 2020
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 Quant Title : SVOA CALIBRATION
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TIC: BG047406.D

(93) Dibenzo(a,h)anthracene

29.285min (+0.018) 1.09ng/ul m 11/30/2020

response 15210

Ion	Exp%	Act%
278.00	100	100
139.00	7.20	12.49#
279.00	25.00	26.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG112120\
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Manual Integrations
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mohammad
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Quant Time: Nov 23 05:58:46 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	42896	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	163273	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	114782	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	249663	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	207491	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	221532	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	2825	2.39	ng/uL	0.00
5) Phenol-d5	7.40	99	79368	18.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	39367	16.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	54441	18.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	58892	17.81	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	29126	21.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	32914	22.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	73465	21.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	68853	20.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	227923	23.13	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	272317	23.91	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	30355	20.19	ng/ul	0.02
58) Fluorene-d10	15.87	176	208121	23.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	23568	16.58	ng/ul	0.00
71) Anthracene-d10	17.72	188	303994	24.54	ng/ul	0.00
79) Pyrene-d10	19.98	212	309239	25.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	302614	23.73	ng/ul	0.02

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.33	163	82805	8.238	ng/ul	97
70) Phenanthrene	17.66	178	115423m	8.561	ng/ul	11/30/20 J4
72) Anthracene	17.76	178	28288m	2.083	ng/ul	
77) Fluoranthene	19.65	202	210885	12.385	ng/ul	
80) Pyrene	20.01	202	162078	11.027	ng/ul#	94
83) Benzo(a)anthracene	21.88	228	83128	5.631	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	8555	1.189	ng/ul#	85
85) Chrysene	21.95	228	85521	6.087	ng/ul	99
88) Benzo(b)fluoranthene	24.22	252	116323	7.437	ng/ul	97
89) Benzo(k)fluoranthene	24.29	252	34253m	2.222	ng/ul>	11/30/20 J4
91) Benzo(a)pyrene	25.14	252	73690	5.285	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.22	276	57828m	3.410	ng/ul	11/30/20 J4
93) Dibenzo(a,h)anthracene	29.29	278	15210m	1.094	ng/ul	
94) Benzo(g,h,i)perylene	30.44	276	51174m	3.657	ng/ul	

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