

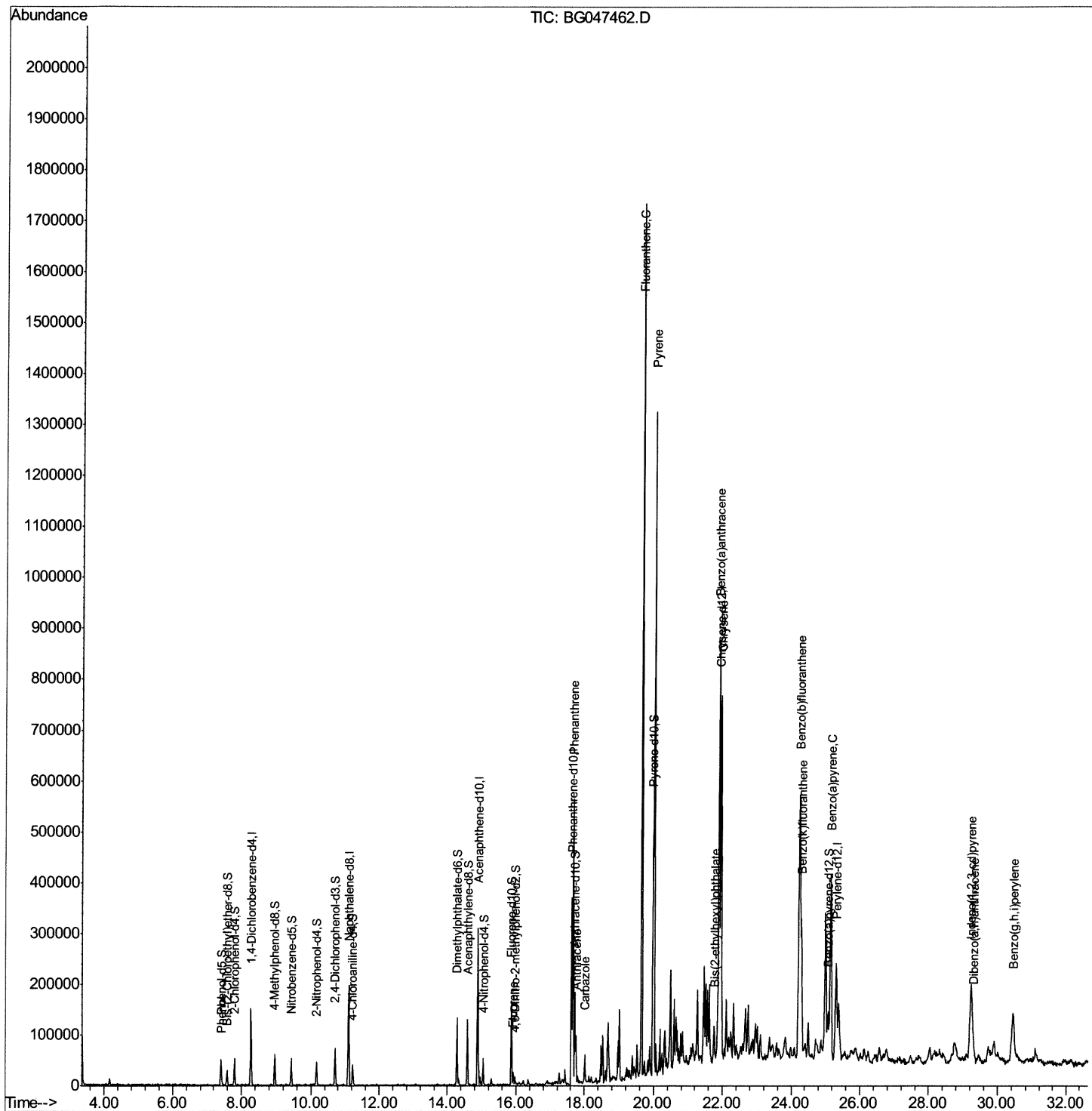
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Data Path   : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\  
Data File  : BG047462.D  
Acq On     : 25 Nov 2020    1:34  
Operator   : CG/JU  
Sample     : L4749-07DL 2X  
Misc       :  
ALS Vial   : 48    Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
C0B71DL

Manual Integrations
APPROVED

mohammad
11/25/2020 12:49:03 PM

Quant Time: Nov 25 04:03:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 01:15:04 2020
Response via : Initial Calibration



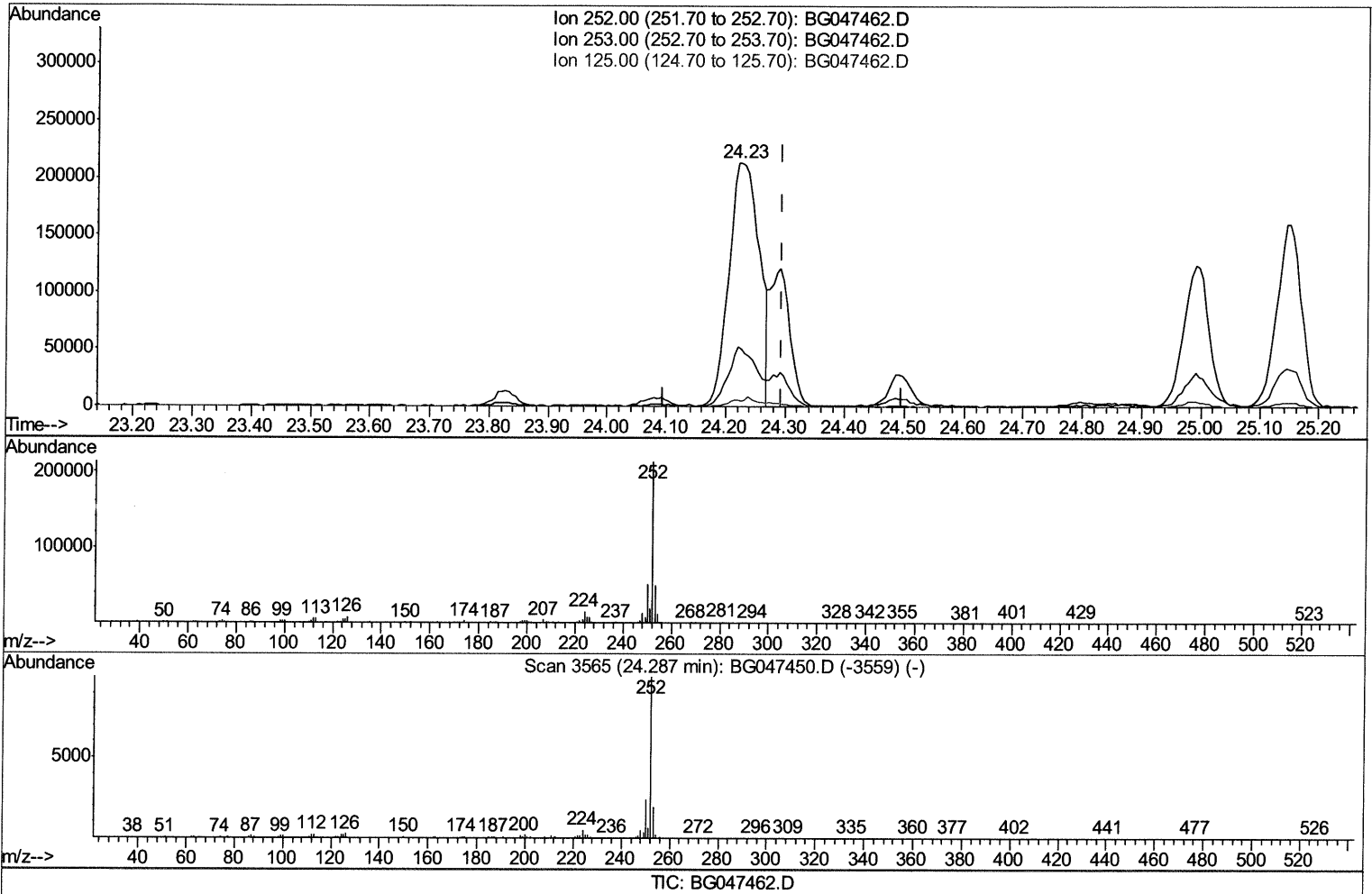
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0B71DL

Manual Integrations
APPROVED

mohammad
11/25/2020 12:49:03 PM

Quant Time: Nov 25 03:42:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 01:15:04 2020
Response via : Initial Calibration



(89) Benzo(k)fluoranthene

24.227min (-0.068) 47.30ng/ul

response 757030

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	23.44
125.00	2.70	2.48
0.00	0.00	0.00

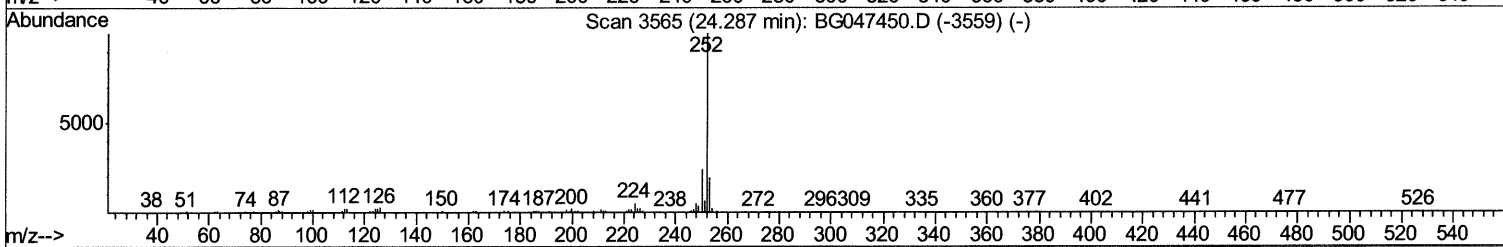
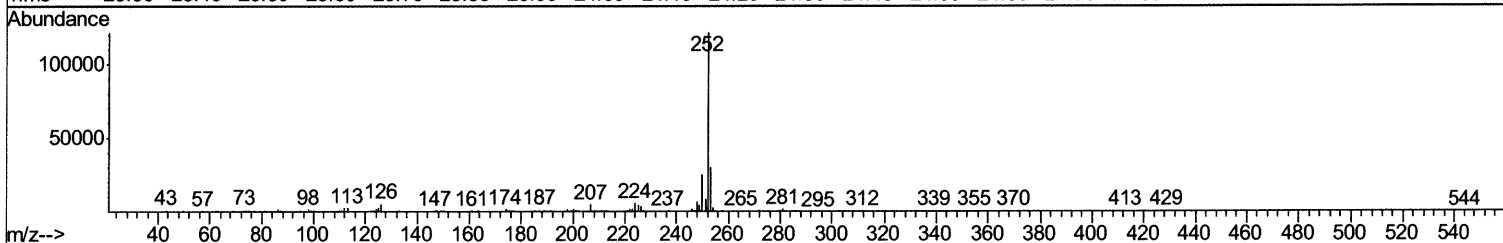
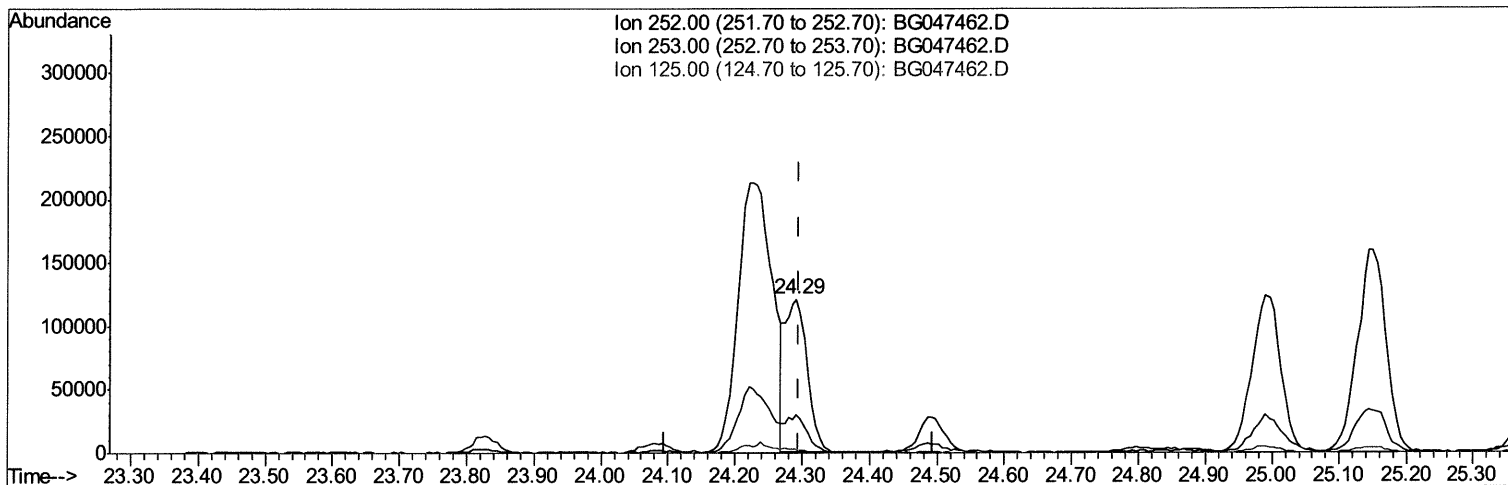
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B71DL

Manual Integrations
APPROVED

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Quant Time: Nov 25 03:42:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG047462.D

(89) Benzo(k)fluoranthene

24.291min (-0.003) 17.21ng/ul m 11/25/2024

response 275354

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	25.05
125.00	2.70	2.35
0.00	0.00	0.00

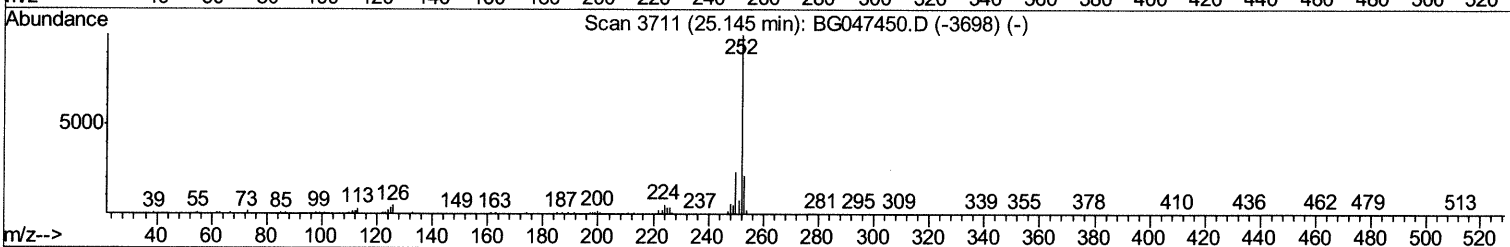
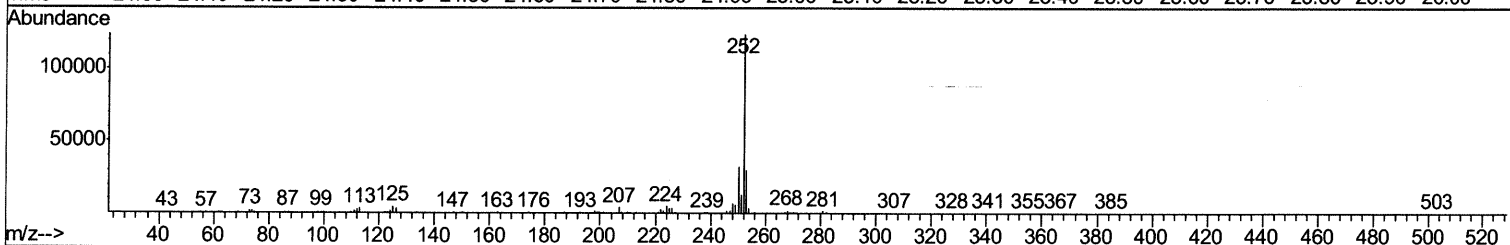
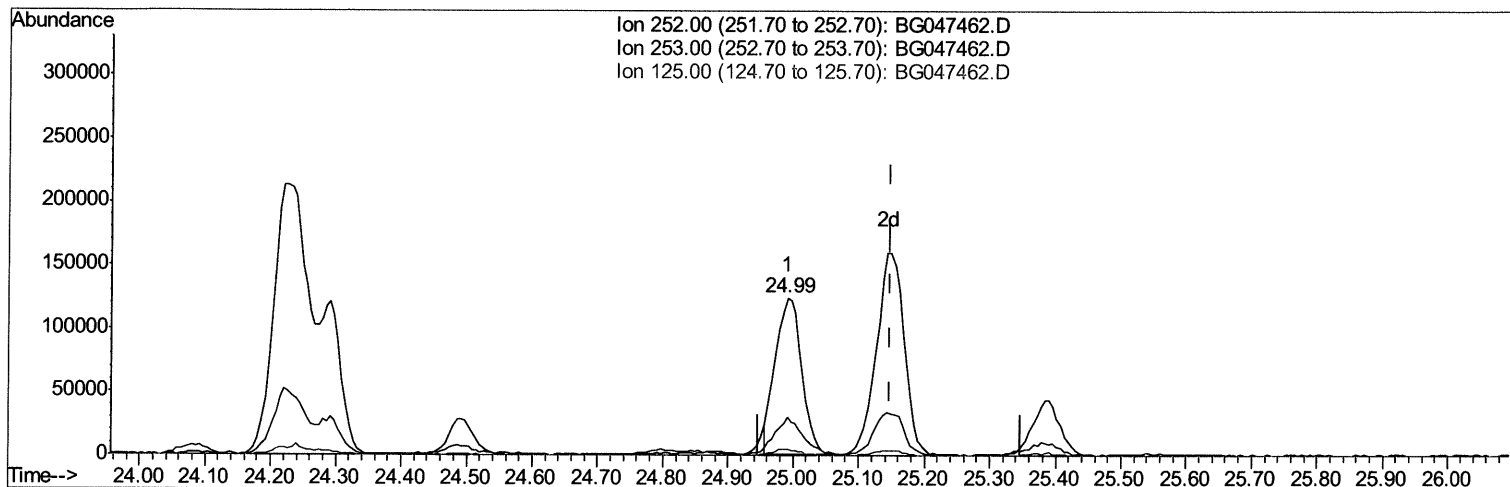
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047462.D
 Acq On : 25 Nov 2020 1:34
 Operator : CG/JU
 Sample : L4749-07DL 2X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B71DL

Manual Integrations
 APPROVED

mohammad
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Quant Time: Nov 25 03:42:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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TIC: BG047462.D

(91) Benzo(a)pyrene (C)

24.991min (-0.156) 23.98ng/ul

response 347086

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	23.83
125.00	3.90	3.59
0.00	0.00	0.00

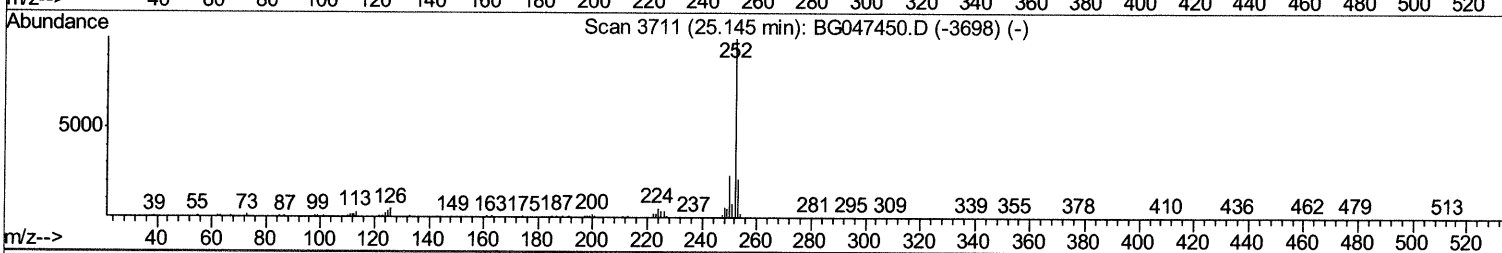
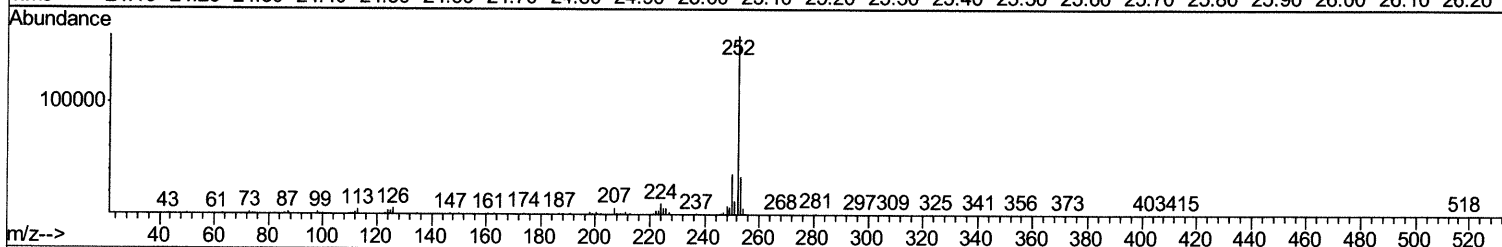
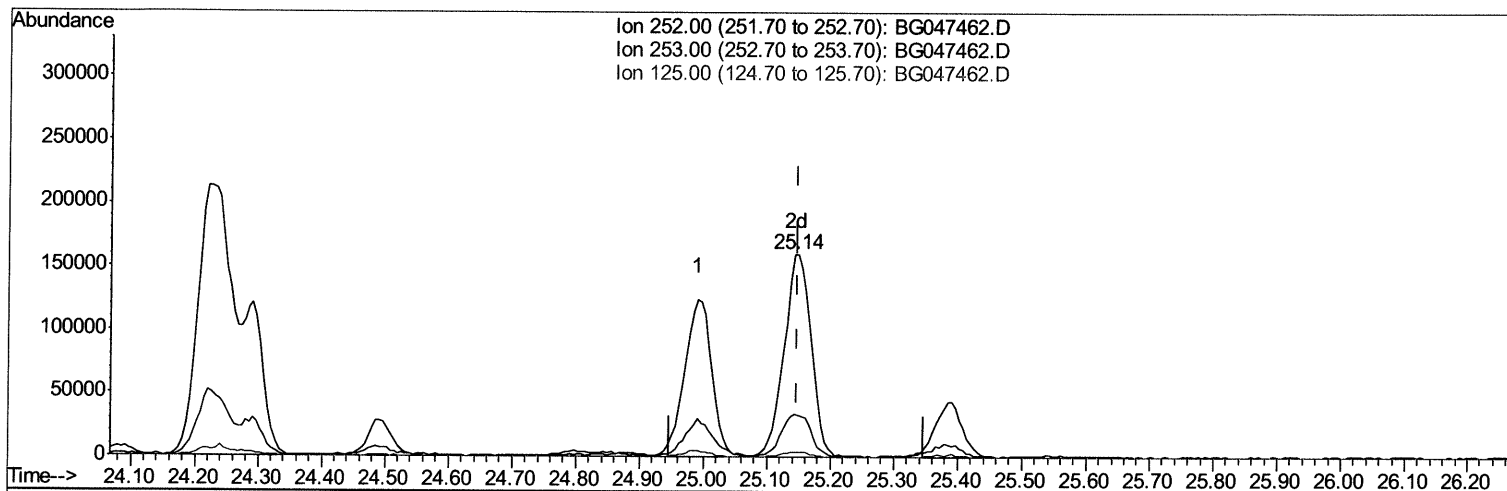
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B71DL

Manual Integrations
APPROVED

mohammad
11/25/2020 12:49:03 PM

Quant Time: Nov 25 03:42:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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QLast Update : Wed Nov 25 01:15:04 2020
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TIC: BG047462.D

(91) Benzo(a)pyrene (C)

25.143min (-0.003) 32.49ng/ul m 11/25/2020

response 470411

Ion	Exp%	Act%
252.00	100	100
253.00	23.20	21.53
125.00	3.90	2.21#
0.00	0.00	0.00

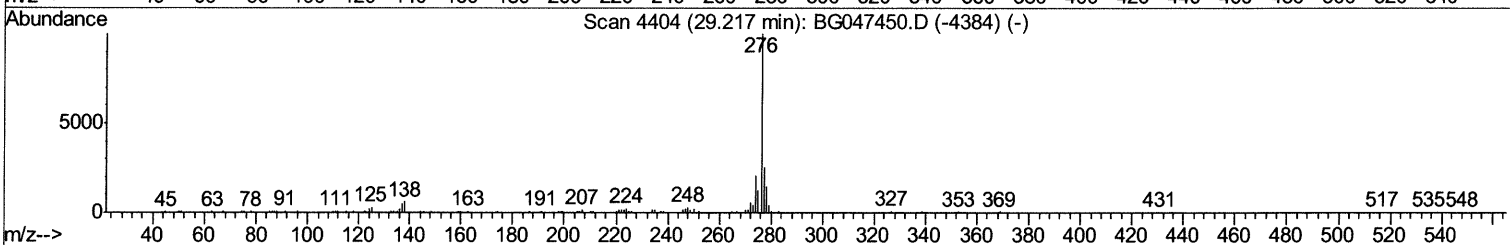
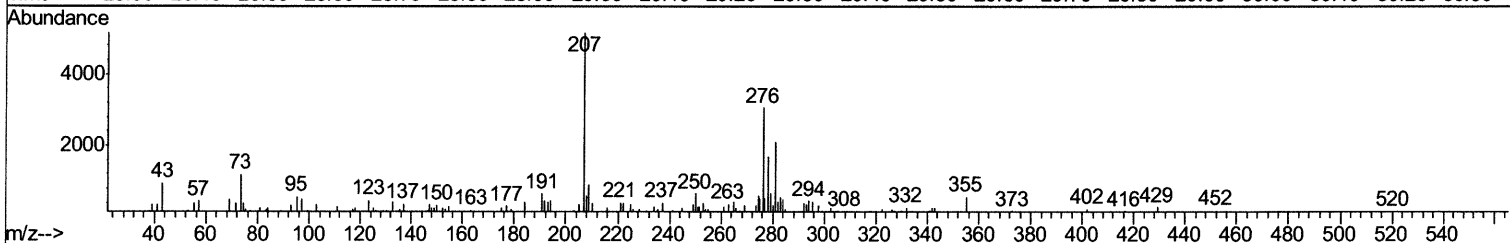
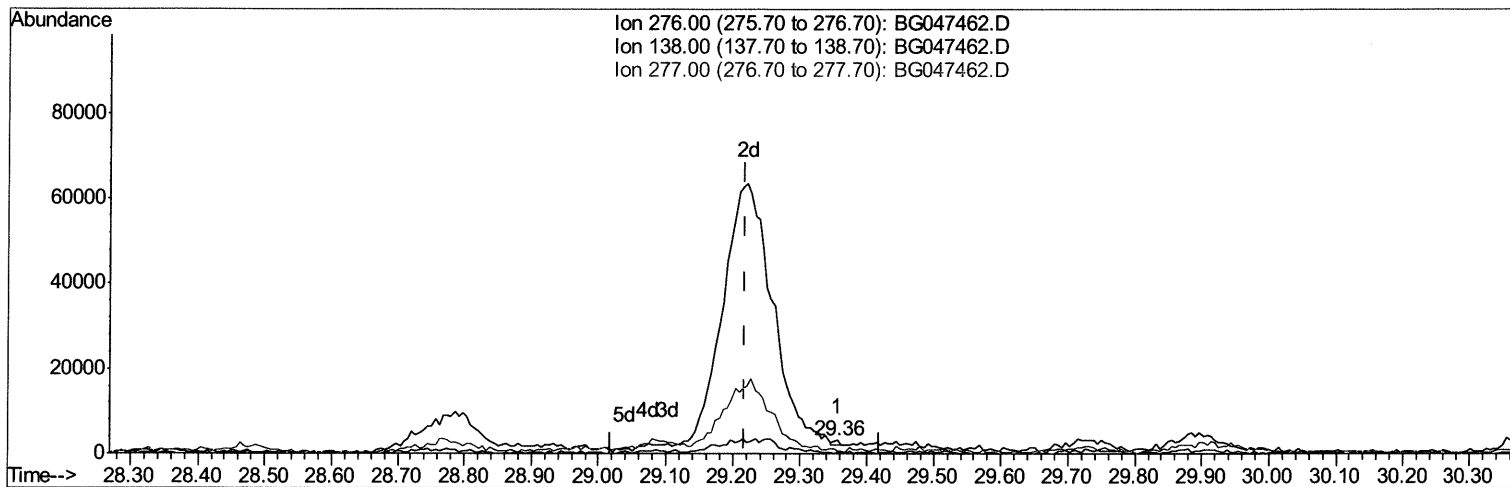
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B71DL

Manual Integrations
APPROVED

mohammad
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Quant Time: Nov 25 03:42:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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Response via : Initial Calibration



TIC: BG047462.D

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

29.356min (+0.138) 0.04ng/ul

response 699

Ion	Exp%	Act%
276.00	100	100
138.00	6.30	5.37
277.00	20.60	17.12
0.00	0.00	0.00

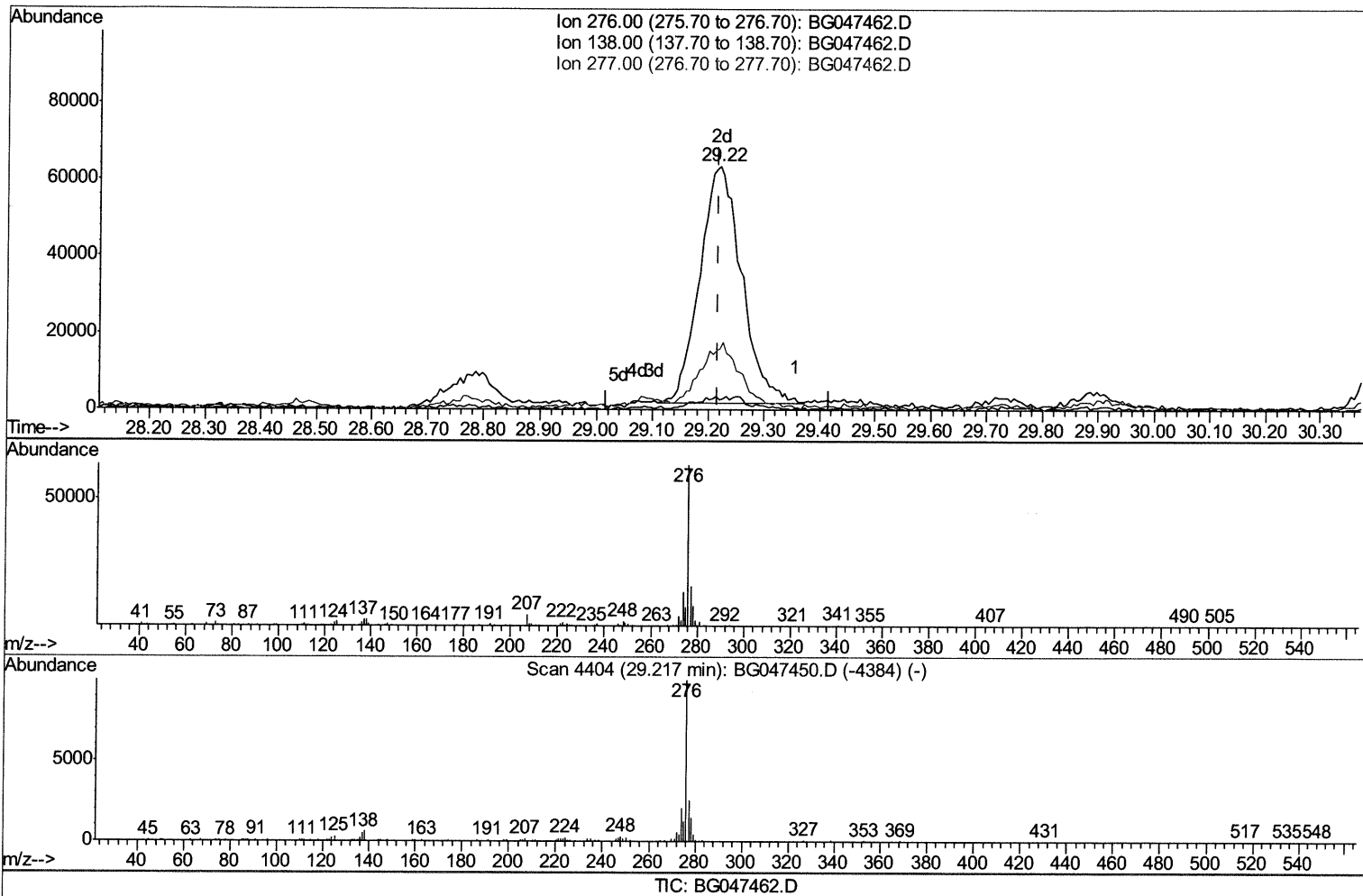
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B71DL

Manual Integrations
APPROVED

mohammad
11/25/2020 12:49:03 PM

Quant Time: Nov 25 03:42:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 01:15:04 2020
Response via : Initial Calibration



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

29.221min (+0.002) 18.16ng/ul m 11/25/2020

response 319741

Ion	Exp%	Act%
276.00	100	100
138.00	6.30	4.07#
277.00	20.60	25.15#
0.00	0.00	0.00

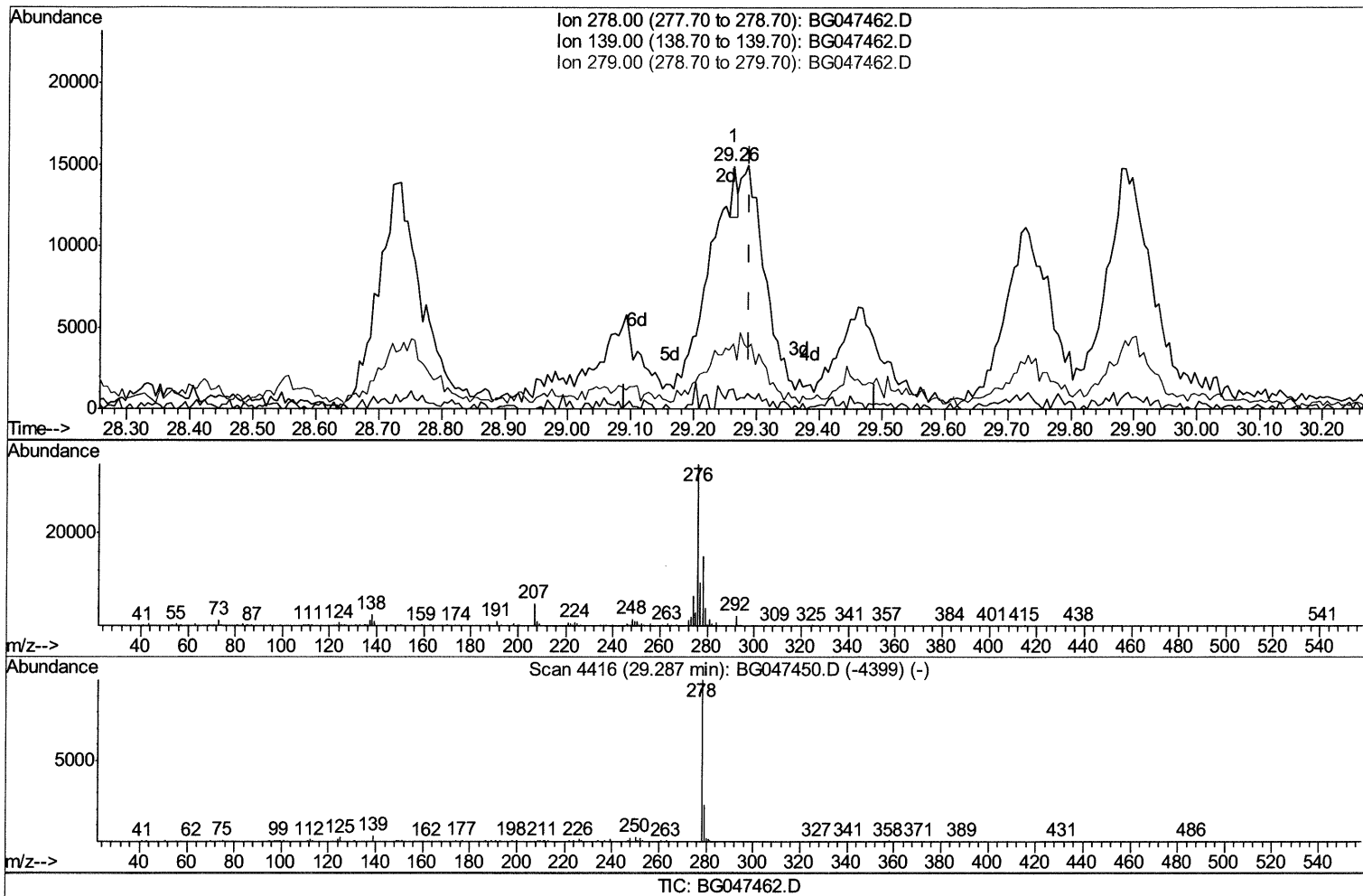
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047462.D
Acq On : 25 Nov 2020 1:34
Operator : CG/JU
Sample : L4749-07DL 2X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B71DL

Manual Integrations
APPROVED

mohammad
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Quant Time: Nov 25 03:42:58 2020
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Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

29.262min (-0.027) 0.11ng/ul

response 1612

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	8.11#
279.00	22.70	26.90
0.00	0.00	0.00

Quantitation Report (Qedit)

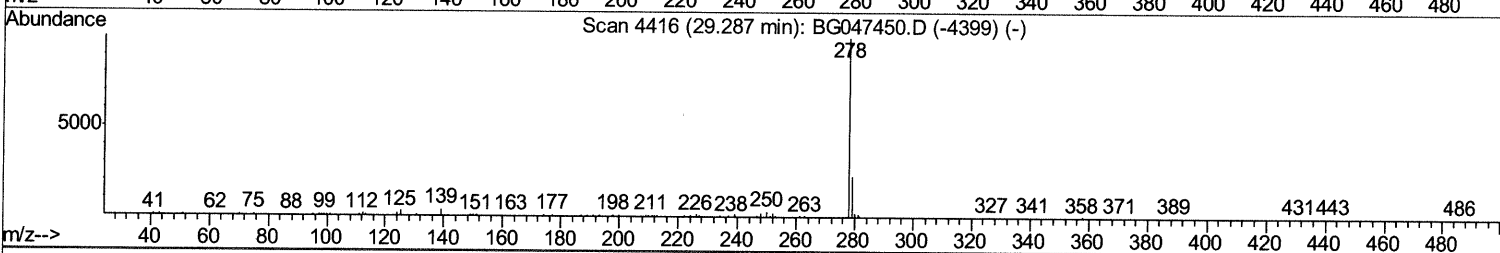
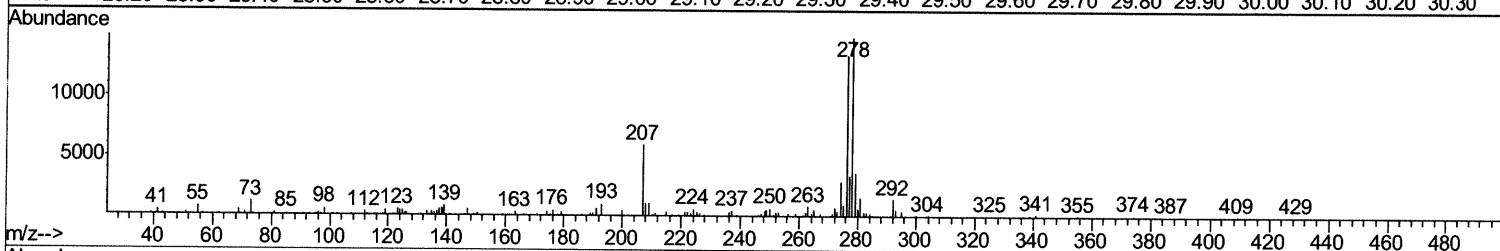
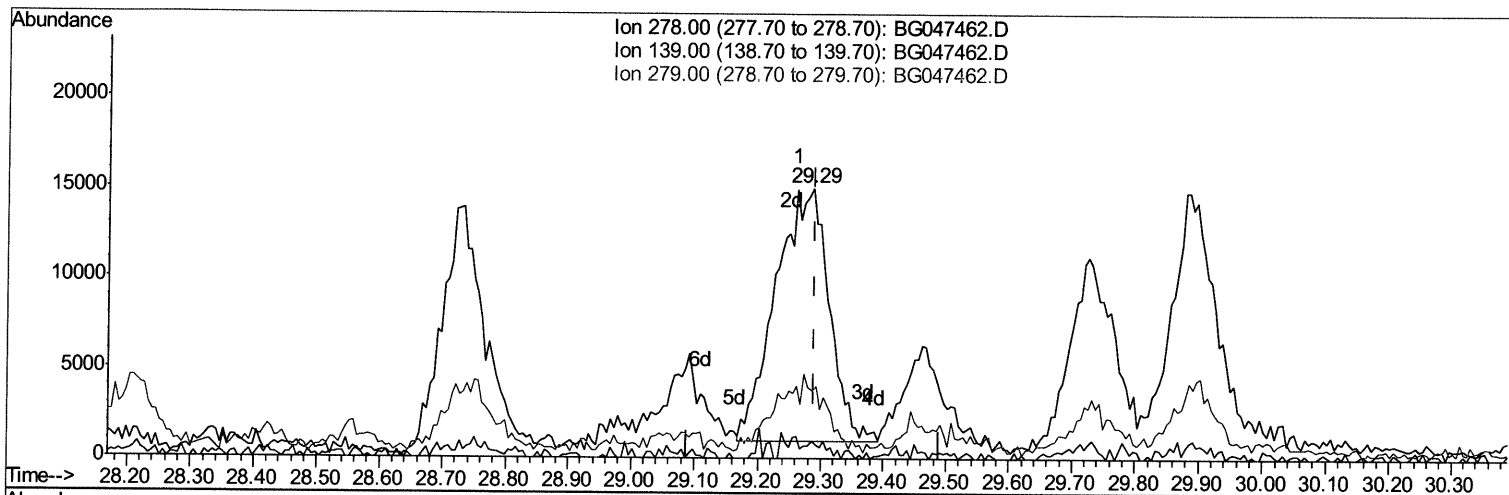
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047462.D
 Acq On : 25 Nov 2020 1:34
 Operator : CG/JU
 Sample : L4749-07DL 2X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B71DL

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:49:03 PM

Quant Time: Nov 25 03:42:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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 QLast Update : Wed Nov 25 01:15:04 2020
 Response via : Initial Calibration



TIC: BG047462.D

(93) Dibenzo(a,h)anthracene

29.285min (-0.003) 5.65ng/ul m 11251205J

response 81606

Ion	Exp%	Act%
278.00	100	100
139.00	5.80	6.18
279.00	22.70	24.92
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
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 Operator : CG/JU
 Sample : L4749-07DL 2X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 C0B71DL

Manual Integrations
 APPROVED

mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	36904	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	147065	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	106982	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	233793	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	218225	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	230001	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	717	0.71	ng/uL	0.00
5) Phenol-d5	7.41	99	23469	6.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	12528	5.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	17949	7.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	19230	6.76	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	9061	7.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	11517	8.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	22650	7.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	17020	5.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	75069	8.17	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	88131	8.30	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	8693	6.20	ng/ul	0.00
58) Fluorene-d10	15.87	176	69928	8.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	3680	2.77	ng/ul	0.00
71) Anthracene-d10	17.72	188	102676	8.85	ng/ul	0.00
79) Pyrene-d10	19.98	212	114165	8.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	116026	8.76	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.43	94	3960	1.117	ng/ul	91
59) Fluorene	15.92	166	10922	1.276	ng/ul	99
70) Phenanthrene	17.66	178	366173	29.003	ng/ul	96
72) Anthracene	17.75	178	62107	4.885	ng/ul	97
75) Carbazole	18.01	167	31921	3.112	ng/ul	95
77) Fluoranthene	19.66	202	1121206	70.318	ng/ul#	99
80) Pyrene	20.01	202	892186	57.717	ng/ul	99
83) Benzo(a)anthracene	21.88	228	501734	32.313	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.77	149	12264	1.621	ng/ul#	93
85) Chrysene	21.95	228	577560	39.088	ng/ul	97
88) Benzo(b)fluoranthene	24.23	252	757030	46.617	ng/ul#	95
89) Benzo(k)fluoranthene	24.29	252	275354m	17.206	ng/ul	11/25/2020
91) Benzo(a)pyrene	25.14	252	470411m	32.495	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.22	276	319741m	18.158	ng/ul	
93) Dibenzo(a,h)anthracene	29.29	278	81606m	5.652	ng/ul	
94) Benzo(a,h,i)perylene	30.45	276	248517	17.104	ng/ul	97

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