

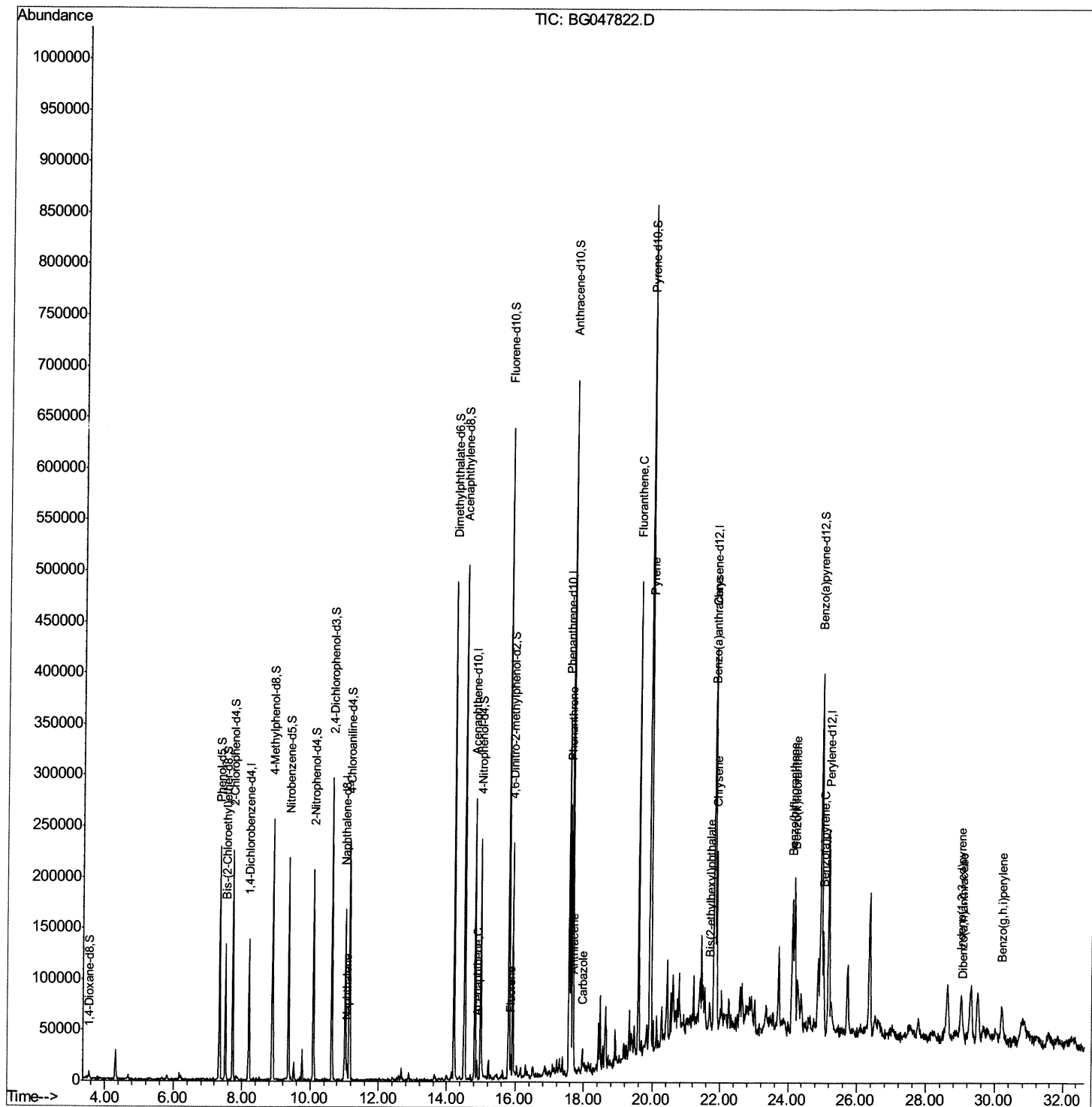
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
Operator : CG/JU
Sample : L5149-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB8A0

Manual Integrations
APPROVED

mohammad
12/24/2020 10:44:48 AM

Quant Time: Dec 24 08:12:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 05:11:26 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

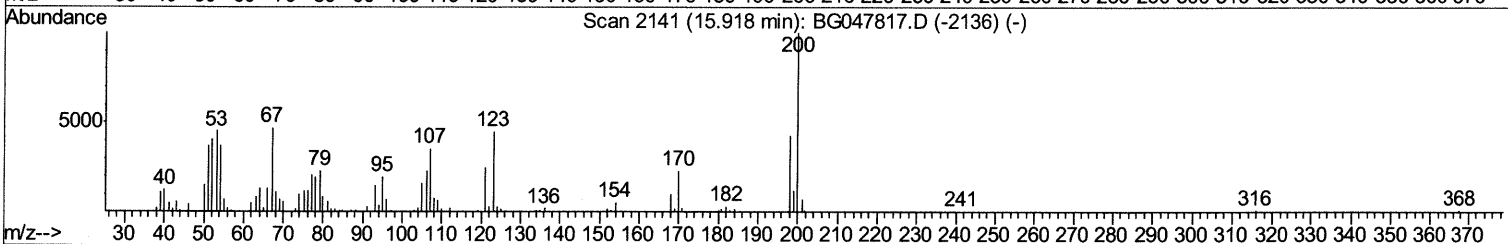
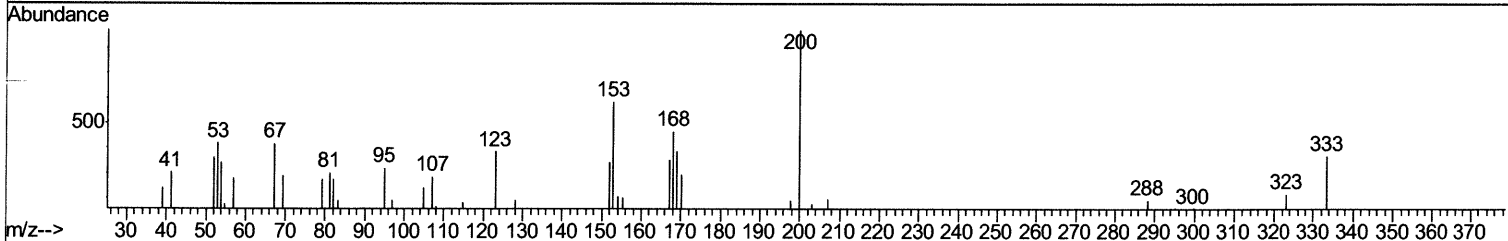
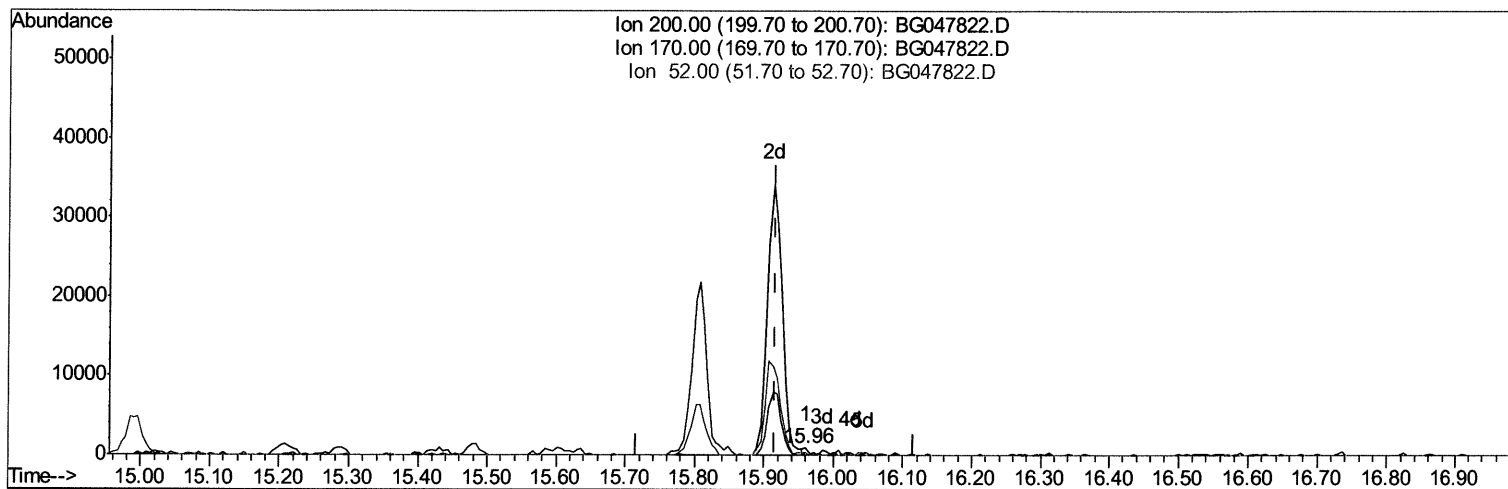
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
Operator : CG/JU
Sample : L5149-06
Misc :
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Instrument :
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Manual Integrations
APPROVED

mohammad
12/24/2020 10:44:48 AM

Quant Time: Dec 24 08:08:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
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TIC: BG047822.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.960min (+0.043) 0.32ng/ul

response 493

Ion	Exp%	Act%
200.00	100	100
170.00	32.00	33.79
52.00	44.80	41.35
0.00	0.00	0.00

Quantitation Report (Qedit)

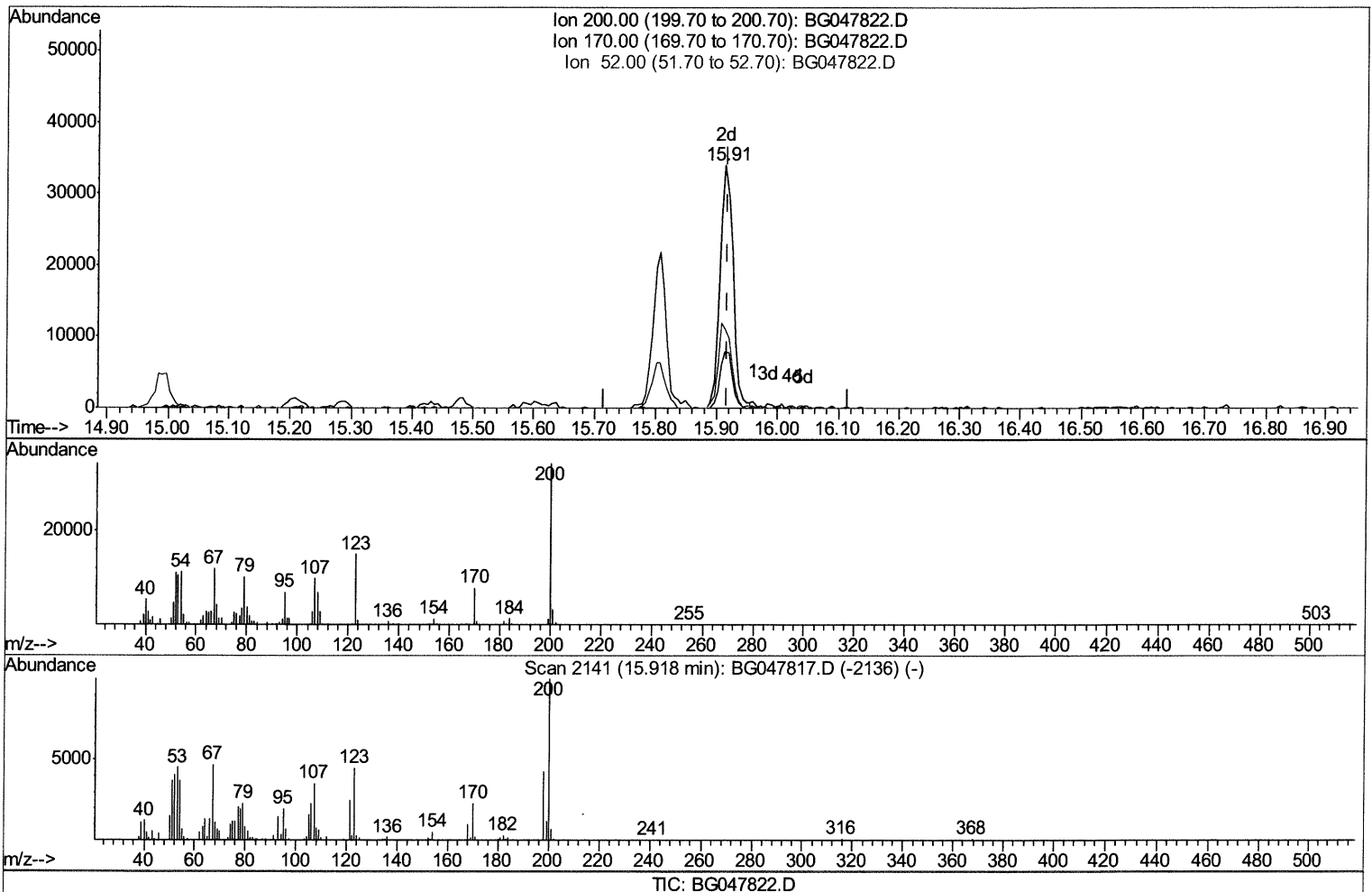
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
Operator : CG/JU
Sample : L5149-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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Quant Time: Dec 24 08:08:12 2020
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Response via : Initial Calibration



(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.913min (-0.004) 33.56ng/ul m 12/24/20 JU

response 51065

Ion	Exp%	Act%
200.00	100	100
170.00	32.00	23.08#
52.00	44.80	32.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

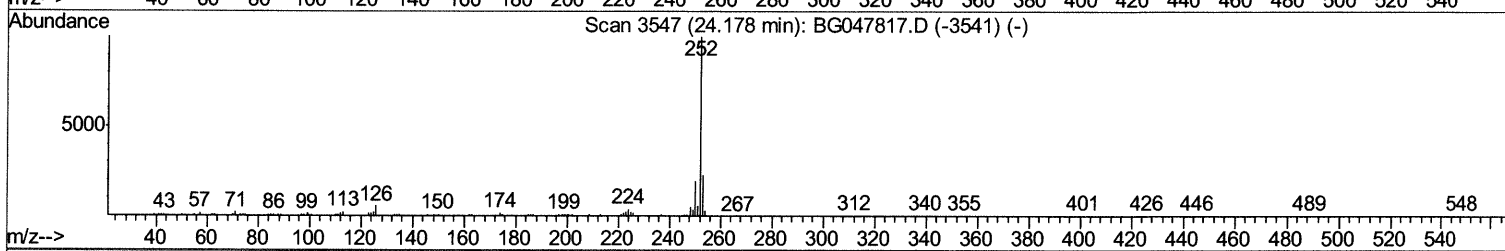
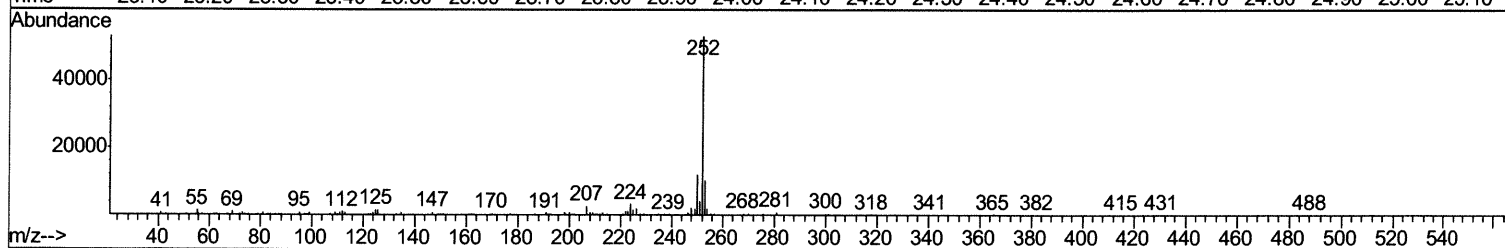
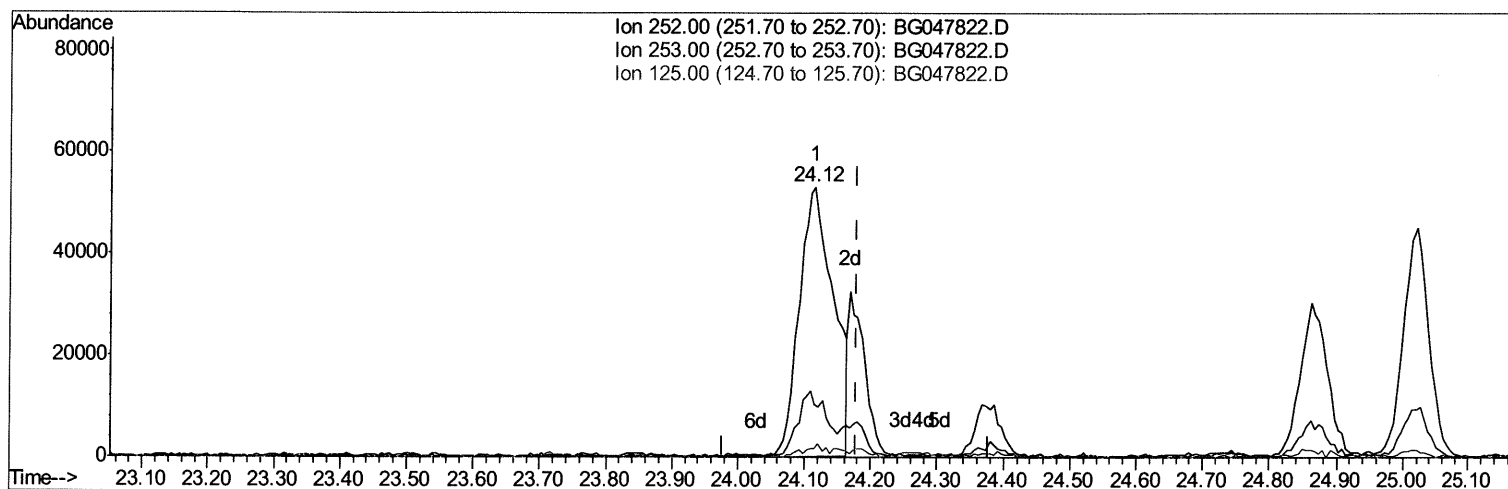
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
Operator : CG/JU
Sample : L5149-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Quant Time: Dec 24 08:08:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 05:11:26 2020
Response via : Initial Calibration



TIC: BG047822.D

(89) Benzo(k)fluoranthene

24.115min (-0.062) 13.48ng/ul

response 188955

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	19.65
125.00	3.90	3.37
0.00	0.00	0.00

Quantitation Report (Qedit)

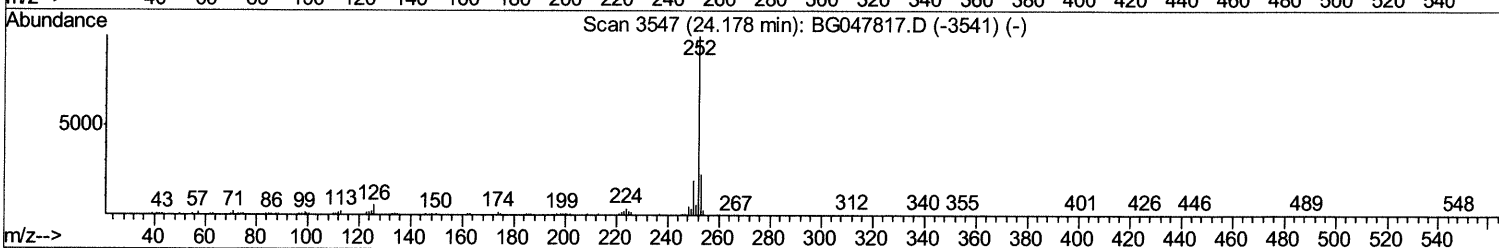
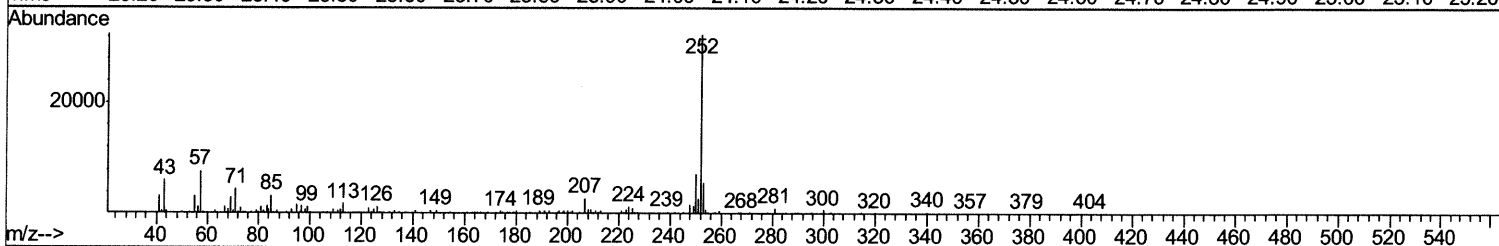
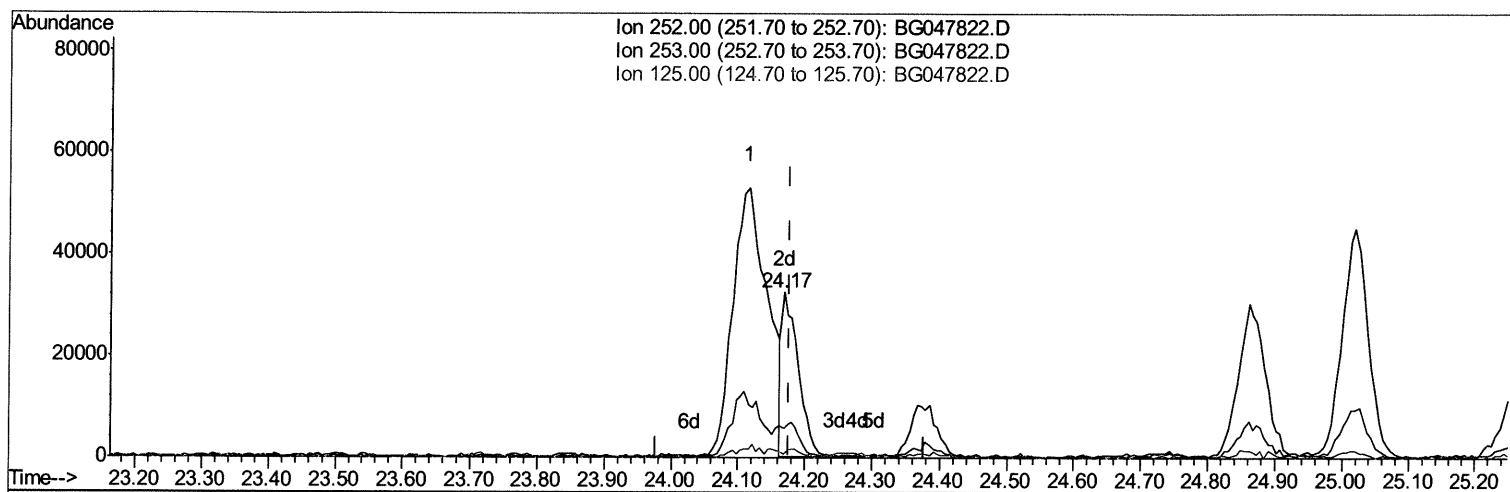
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047822.D
 Acq On : 24 Dec 2020 7:23
 Operator : CG/JU
 Sample : L5149-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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Quant Time: Dec 24 08:08:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 05:11:26 2020
 Response via : Initial Calibration



TIC: BG047822.D

(89) Benzo(k)fluoranthene

24.168min (-0.009) 3.85ng/ul m 12/24/20 JU

response 53987

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	17.56
125.00	3.90	2.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

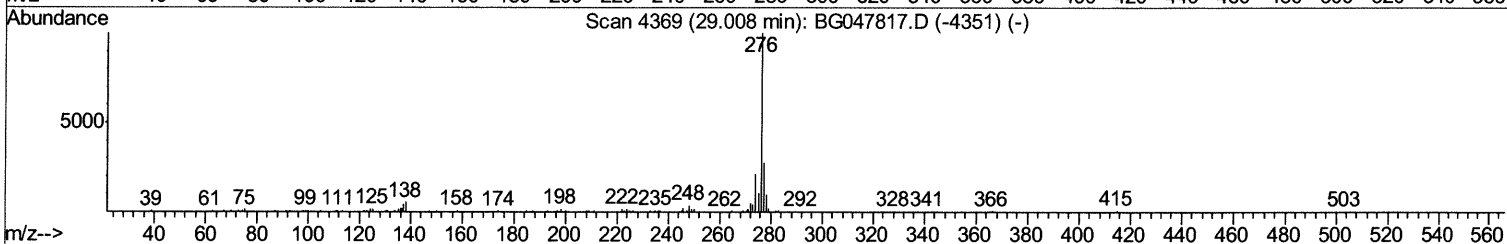
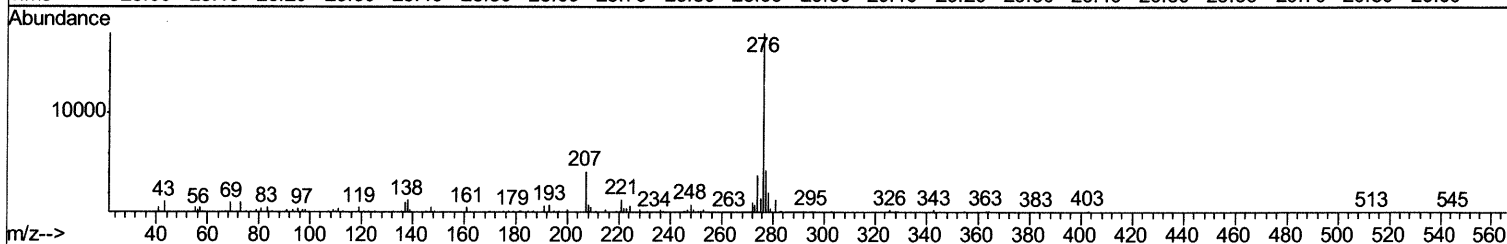
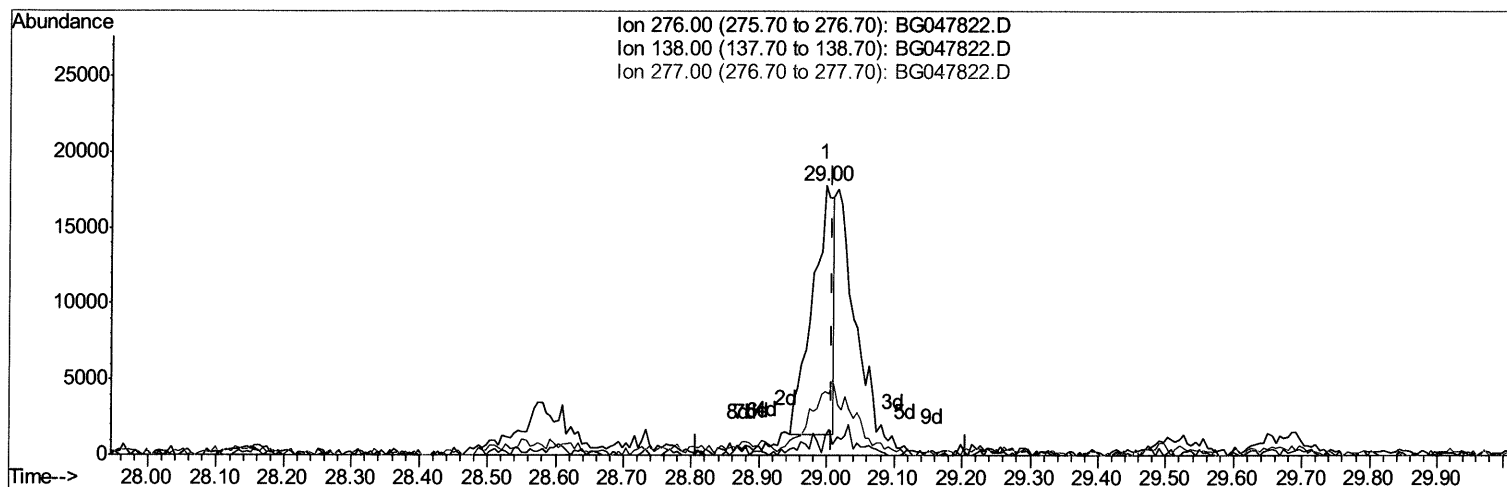
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
Operator : CG/JU
Sample : L5149-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB8A0

Manual Integrations
APPROVED

mohammad
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Quant Time: Dec 24 08:08:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
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TIC: BG047822.D

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

28.998min (-0.009) 2.36ng/ul

response 36742

Ion	Exp%	Act%
276.00	100	100
138.00	5.80	7.39#
277.00	24.90	23.68
0.00	0.00	0.00

Quantitation Report (Qedit)

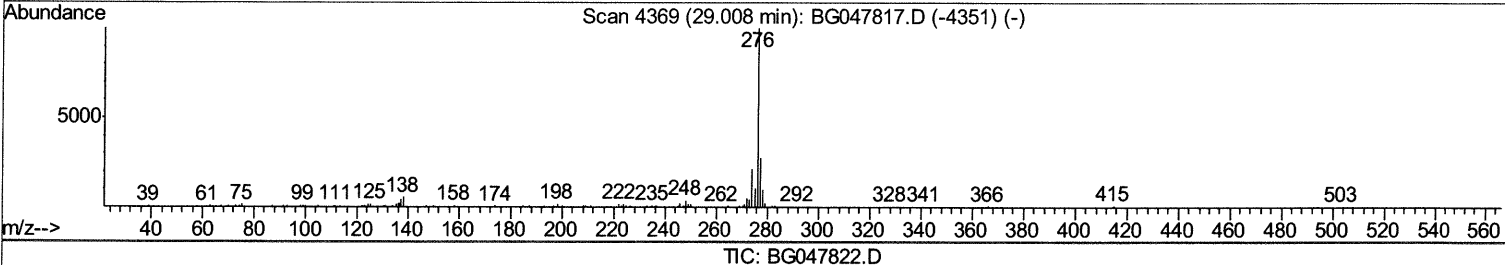
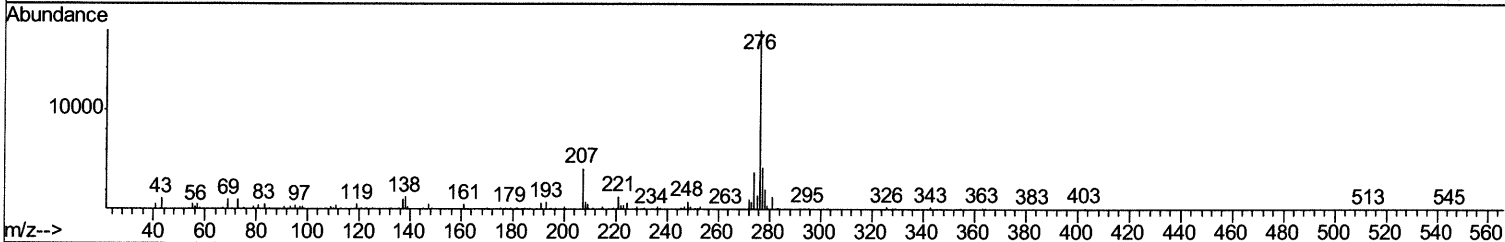
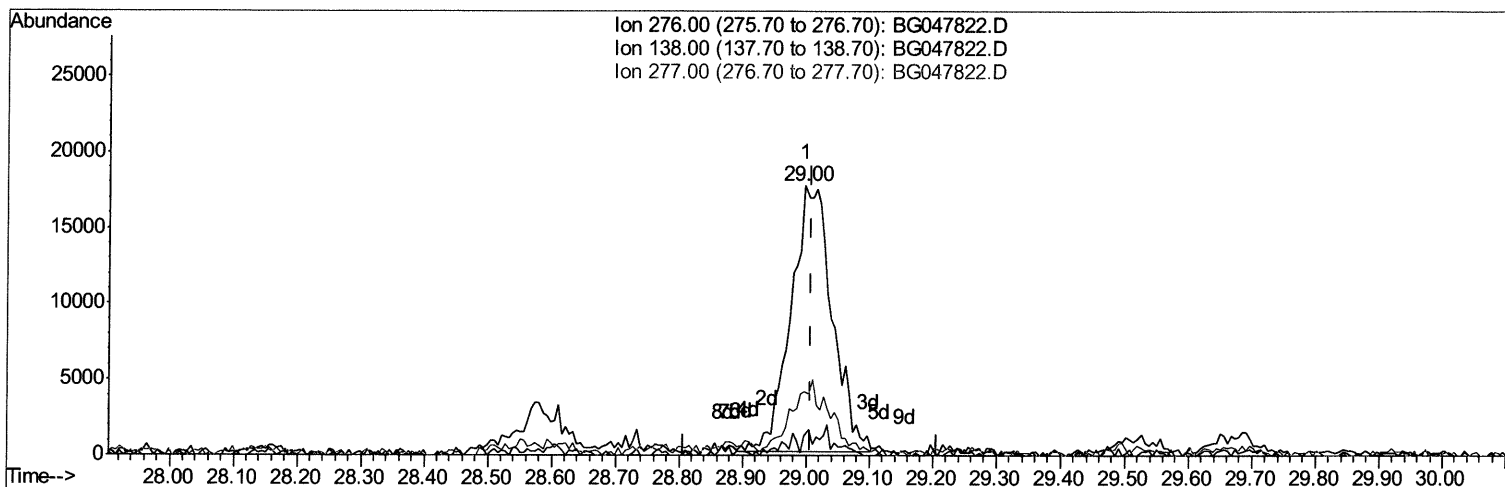
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047822.D
 Acq On : 24 Dec 2020 7:23
 Operator : CG/JU
 Sample : L5149-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB8A0

Manual Integrations
 APPROVED

mohammad
 12/24/2020 10:44:48 AM

Quant Time: Dec 24 08:08:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 05:11:26 2020
 Response via : Initial Calibration



TIC: BG047822.D

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

28.998min (-0.009) 5.05ng/ul m 12/24/2020

response 78521

Ion	Exp%	Act%
276.00	100	100
138.00	5.80	7.39#
277.00	24.90	23.68
0.00	0.00	0.00

Quantitation Report (Qedit)

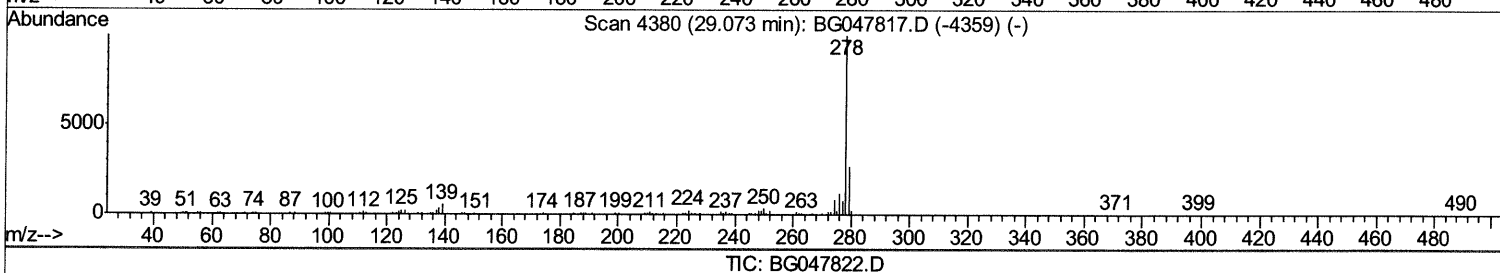
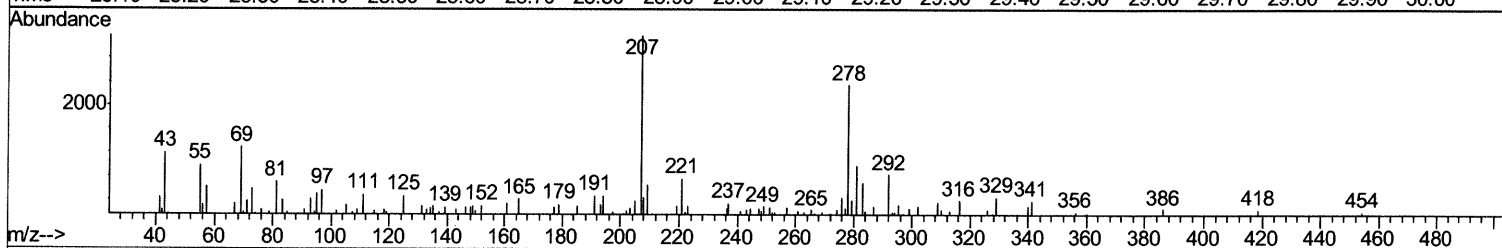
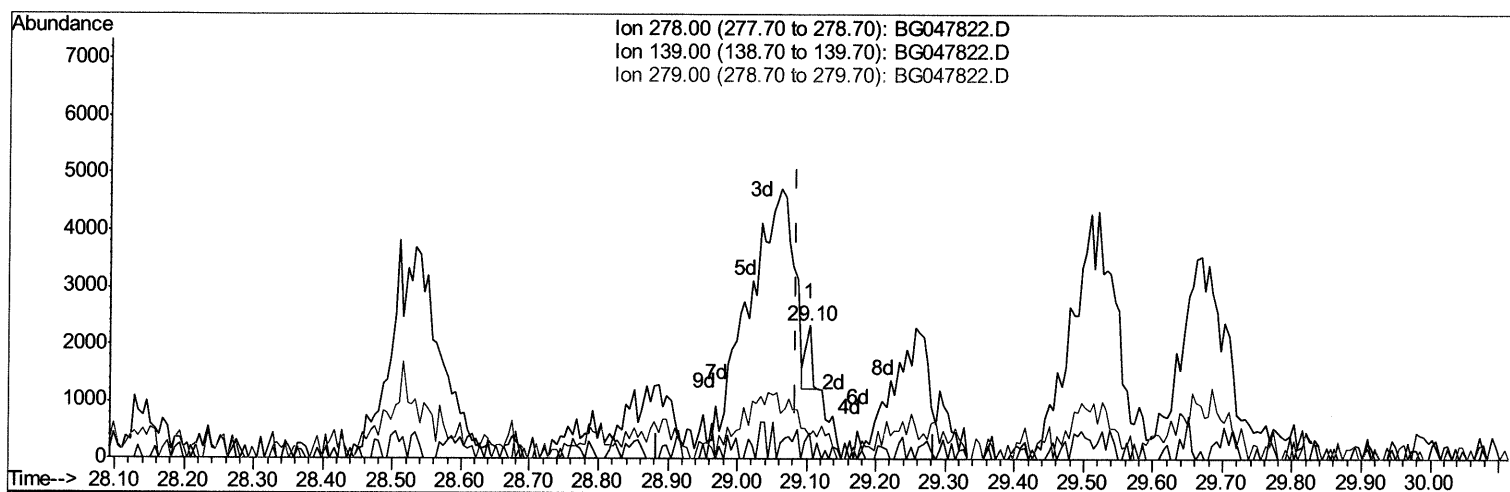
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
Operator : CG/JU
Sample : L5149-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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QLast Update : Thu Dec 24 05:11:26 2020
Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

29.103min (+0.020) 0.05ng/ul

response 643

Ion	Exp%	Act%
278.00	100	100
139.00	6.40	19.00#
279.00	22.70	17.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

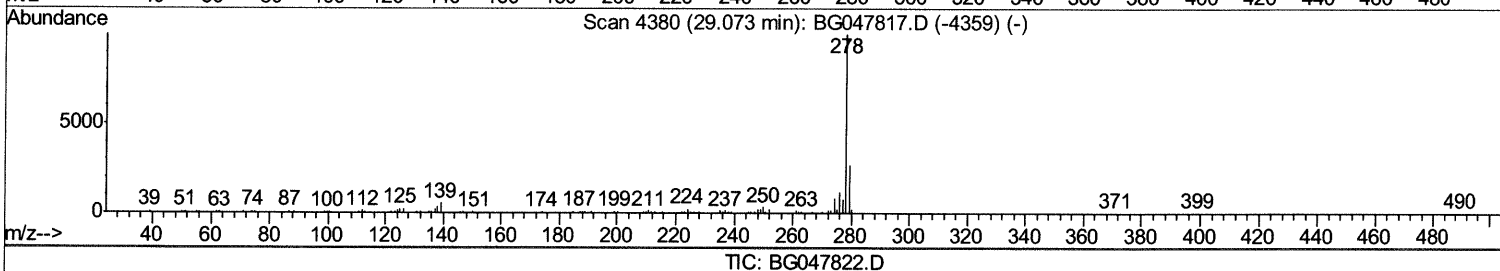
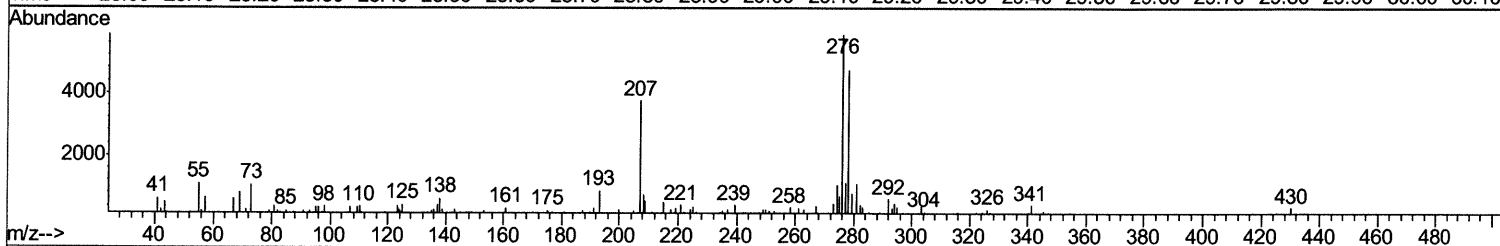
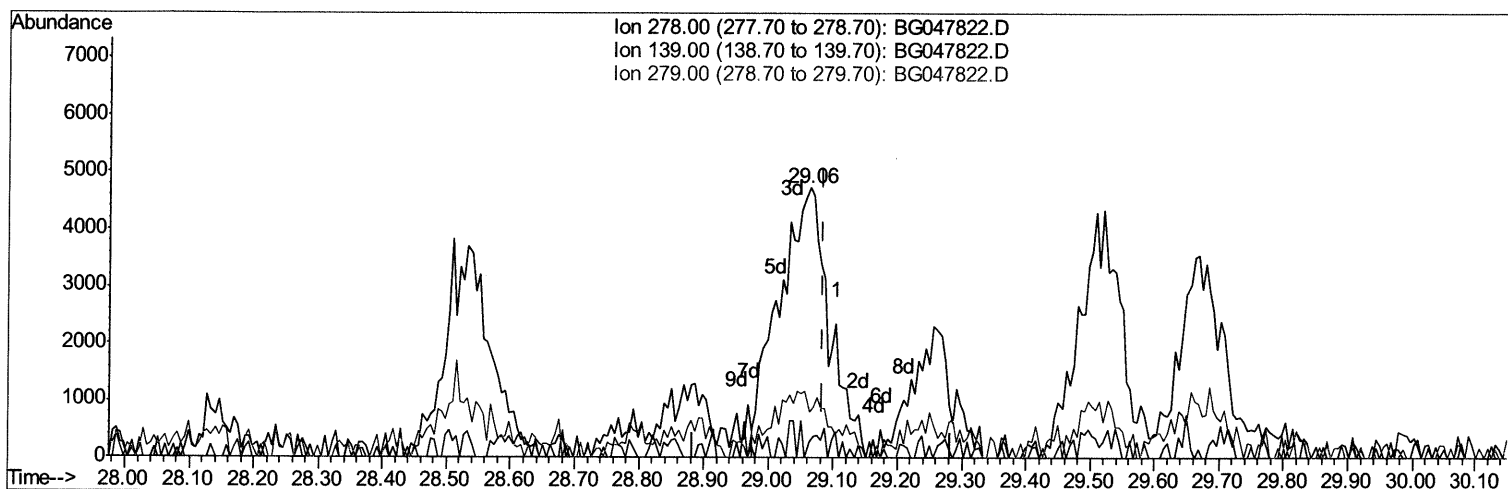
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
Operator : CG/JU
Sample : L5149-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB8A0

Manual Integrations
APPROVED

mohammad
12/24/2020 10:44:48 AM

Quant Time: Dec 24 08:08:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 05:11:26 2020
Response via : Initial Calibration



TIC: BG047822.D

(93) Dibenzo(a,h)anthracene

29.062min (-0.021) 1.95ng/ul m 12/24/20 JU

response 25466

Ion	Exp%	Act%
278.00	100	100
139.00	6.40	5.81
279.00	22.70	16.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

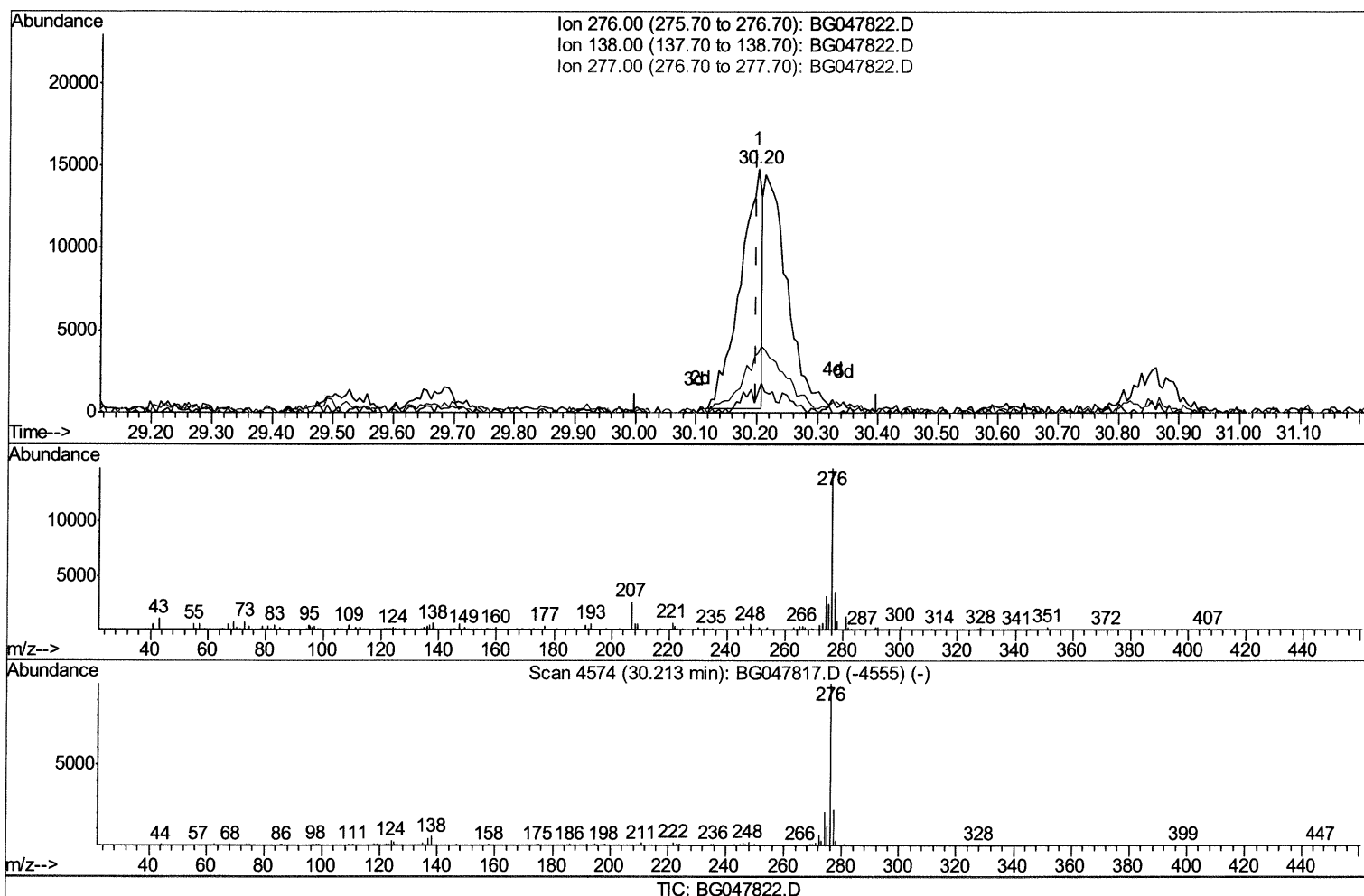
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047822.D
Acq On : 24 Dec 2020 7:23
Operator : CG/JU
Sample : L5149-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB8A0

Manual Integrations
APPROVED

mohammad
12/24/2020 10:44:48 AM

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

30.202min (+0.002) 2.90ng/ul

response 36980

Ion	Exp%	Act%
276.00	100	100
138.00	6.70	8.17#
277.00	22.30	24.33
0.00	0.00	0.00

Quantitation Report (Qedit)

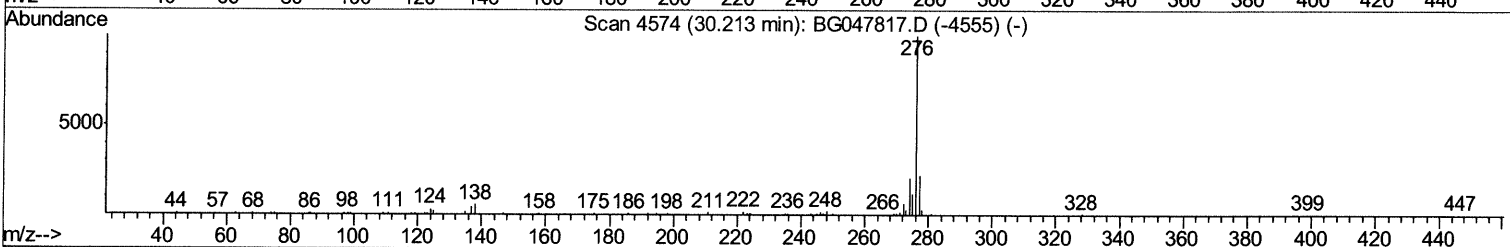
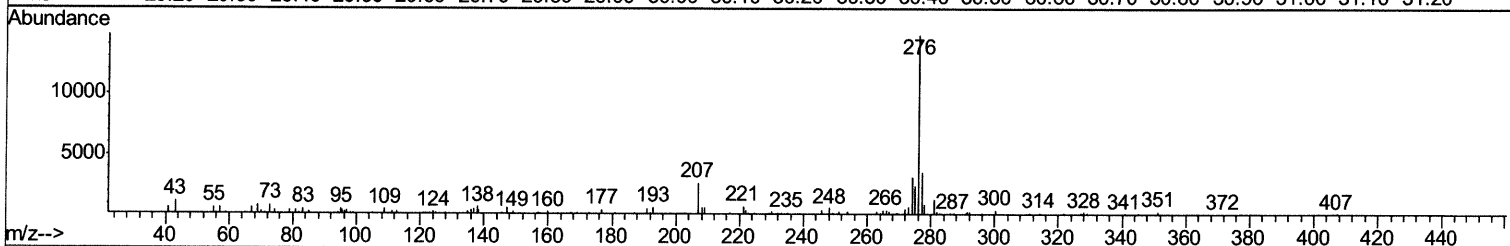
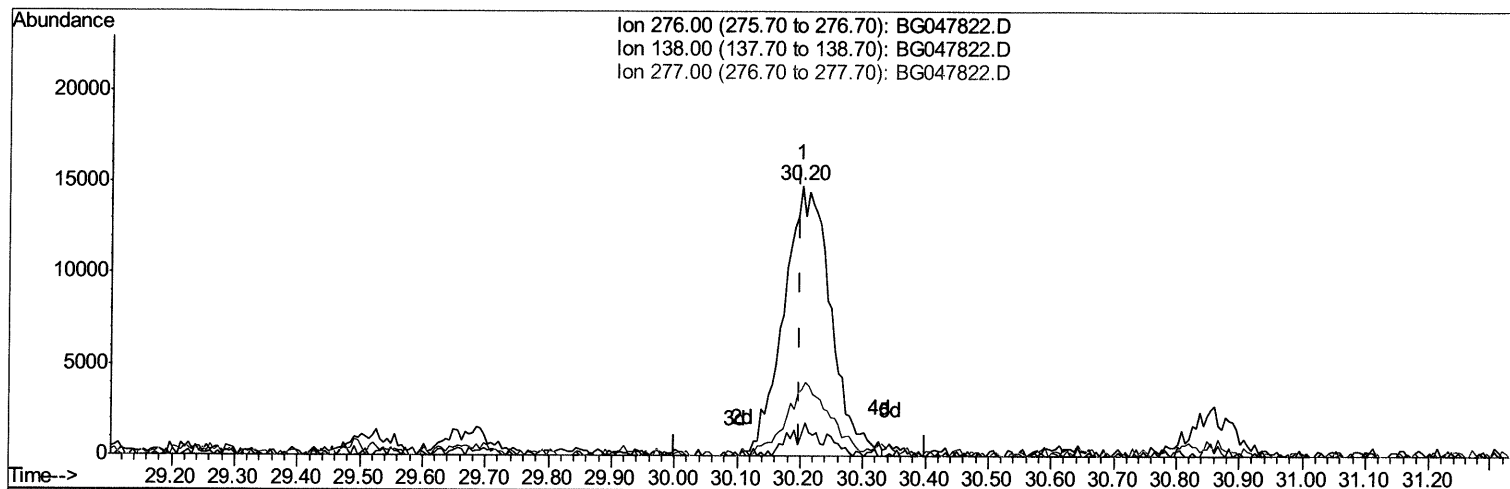
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
 Data File : BG047822.D
 Acq On : 24 Dec 2020 7:23
 Operator : CG/JU
 Sample : L5149-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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Quant Time: Dec 24 08:08:12 2020
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TIC: BG047822.D

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

30.202min (+0.002) 6.06ng/ul m 12/24/2020

response 77393

Ion	Exp%	Act%
276.00	100	100
138.00	6.70	4.86#
277.00	22.30	24.33
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	35084	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	130296	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	98475	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	224774	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	204275	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	202549	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	5517	8.37	ng/uL	0.00
5) Phenol-d5	7.33	99	112730	37.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	55826	36.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	81448	35.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	82519	34.62	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	41225	38.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	50647	39.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	100652	36.20	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	105036	41.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	290426	33.95	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	366310	37.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	42118	33.20	ng/ul	0.00
58) Fluorene-d10	15.81	176	266315	33.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	51065m	33.56	ng/ul	0.00 12/24/2020
71) Anthracene-d10	17.66	188	404221	36.05	ng/ul	0.00
79) Pyrene-d10	19.93	212	439012	36.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	444009	37.53	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	11.08	128	10516	1.447	ng/ul#	90
50) Acenaphthene	14.88	153	8027	1.253	ng/ul#	83
59) Fluorene	15.87	166	9640	1.206	ng/ul#	89
70) Phenanthrene	17.60	178	161313	13.241	ng/ul	98
72) Anthracene	17.69	178	31873	2.625	ng/ul	97
75) Carbazole	17.95	167	12433	1.284	ng/ul#	90
77) Fluoranthene	19.59	202	297761	19.209	ng/ul#	99
80) Pvrene	19.96	202	249059	16.764	ng/ul	99
83) Benzo(a)anthracene	21.81	228	145126	9.944	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	8083	1.165	ng/ul#	88
85) Chrysene	21.88	228	132431	9.615	ng/ul	96
88) Benzo(b)fluoranthene	24.12	252	188506	13.332	ng/ul#	94
89) Benzo(k)fluoranthene	24.17	252	53987m	3.853	ng/ul	98 12/24/2020
91) Benzo(a)pyrene	25.02	252	120075	9.417	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.00	276	78521m	5.050	ng/ul	12/24/2020
93) Dibenzo(a,h)anthracene	29.06	278	25466m	1.954	ng/ul	
94) Benzo(a,h,i)perylene	30.20	276	77393m	6.062	ng/ul	

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