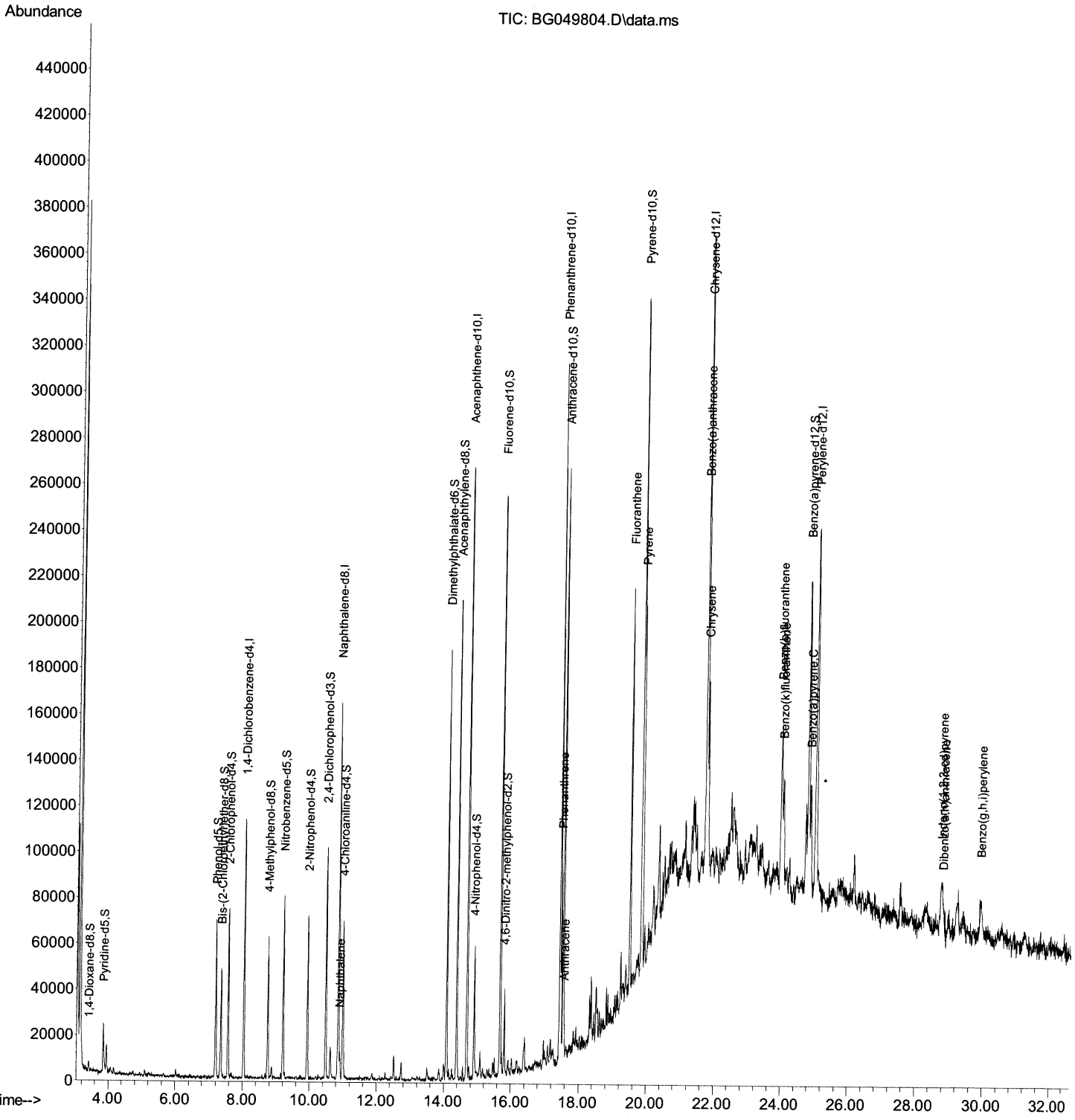
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049804.D
Acq On : 12 Aug 2021 1:53
Operator : CG/JU
Sample : M3287-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 12 03:14:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGB08

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:11 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049804.D
Acq On : 12 Aug 2021 1:53
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Quant Title : SVOA CALIBRATION
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BNA_G
ClientSampleId :
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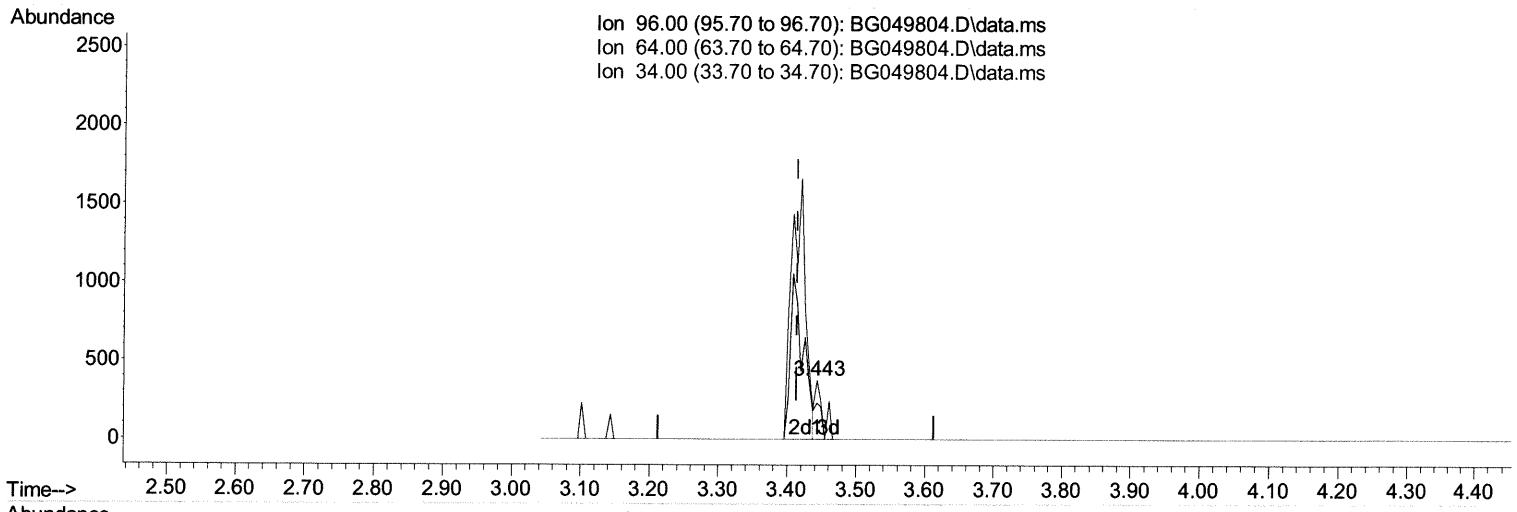
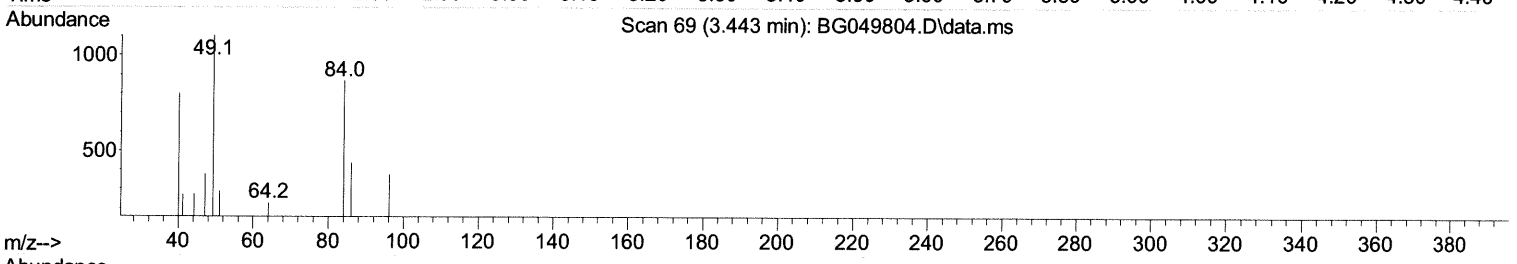
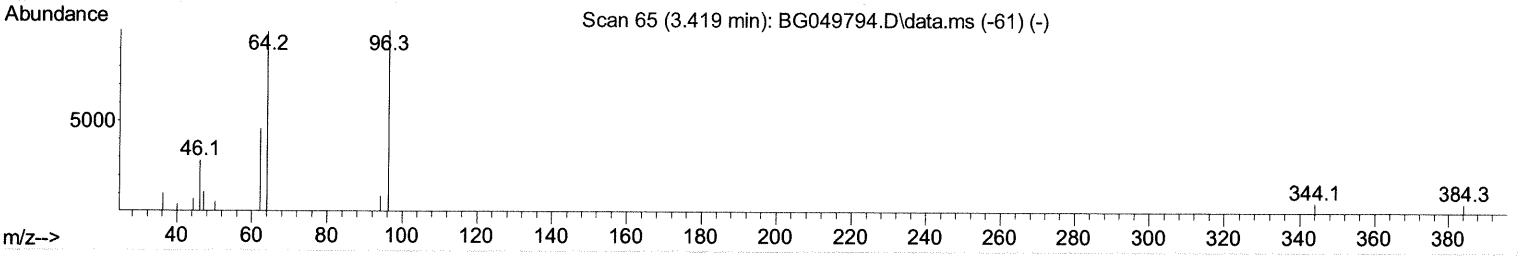
Manual Integrations APPROVED
mohammad
8/12/2021 1:35:11 PM







TIC: BG049804.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.443min (+ 0.030) 0.33 ng/uL

response 219

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	60.74
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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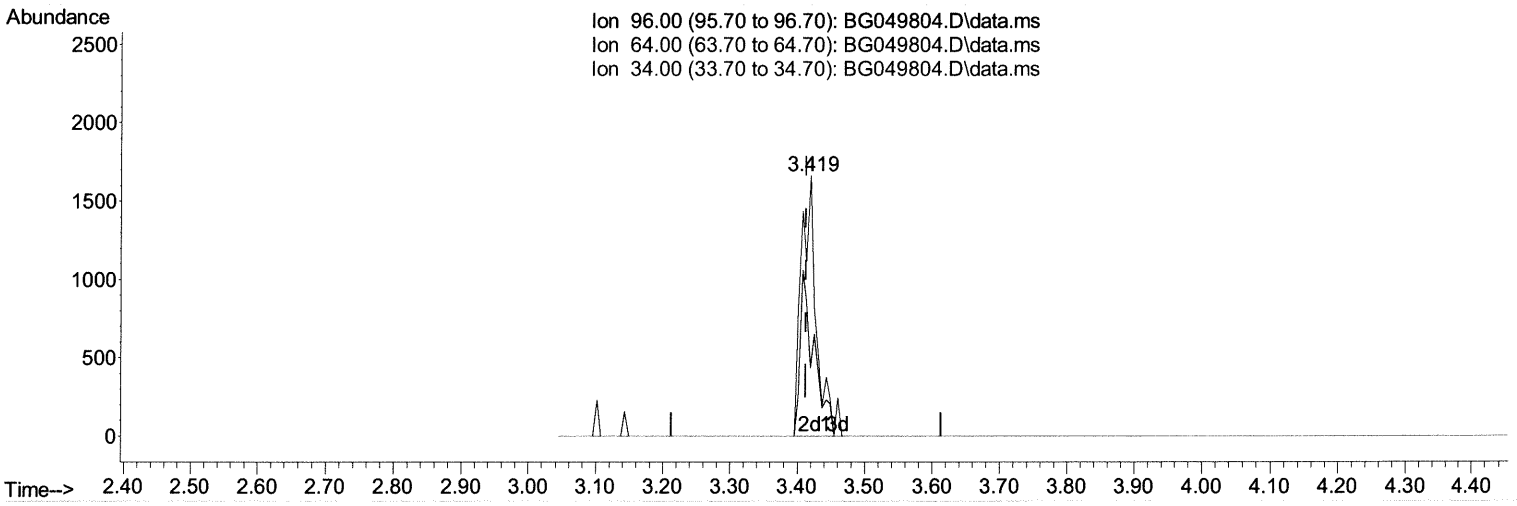
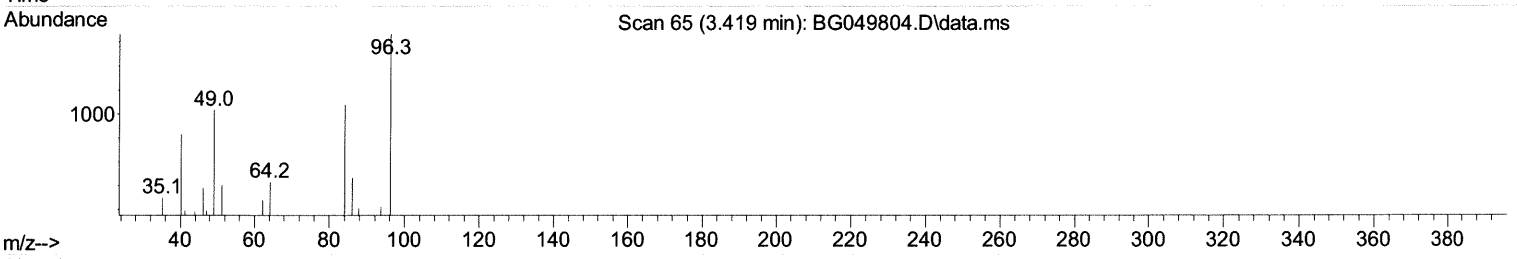
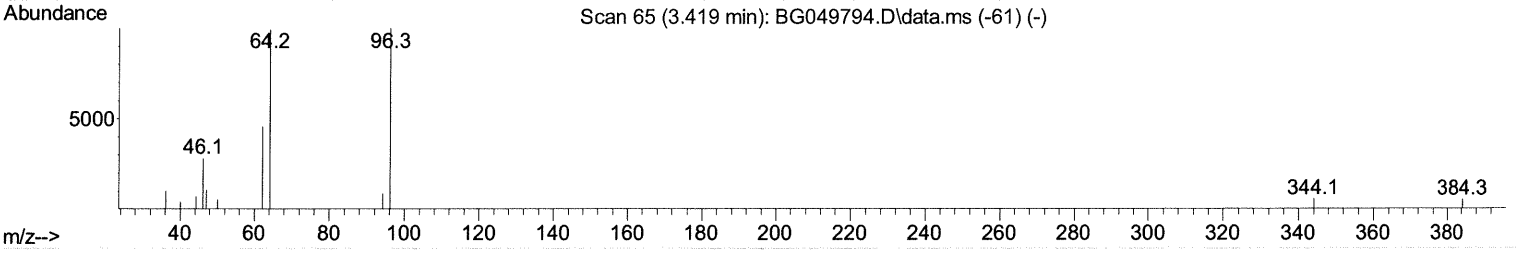
Instrument :
BNA_G
ClientSampleId :
BGB08

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:11 PM







TIC: BG049804.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.419min (+ 0.006) 3.81 ng/uL m

JC 8/13/21

response 2535

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	26.04#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
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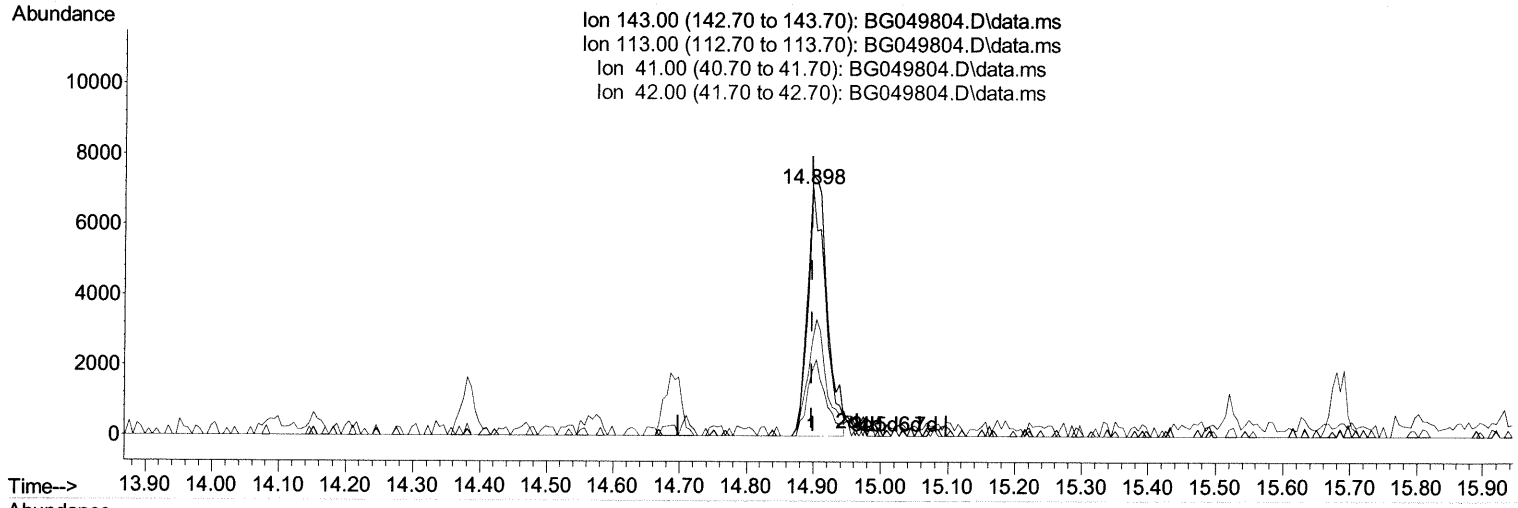
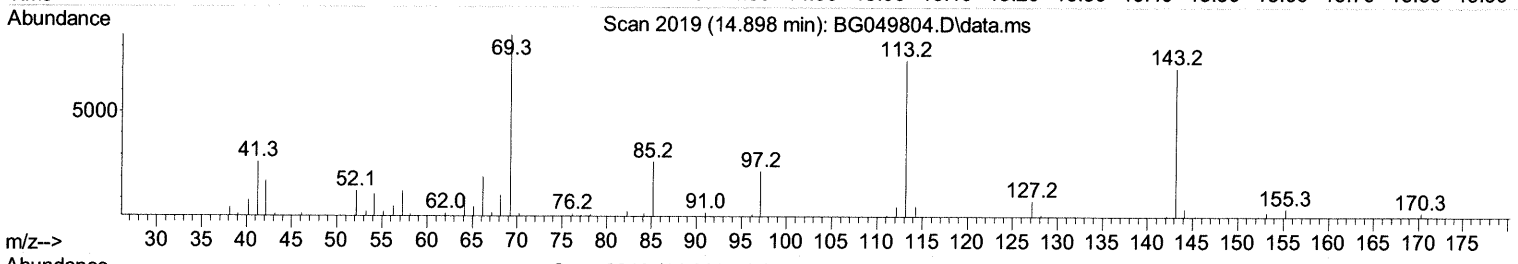
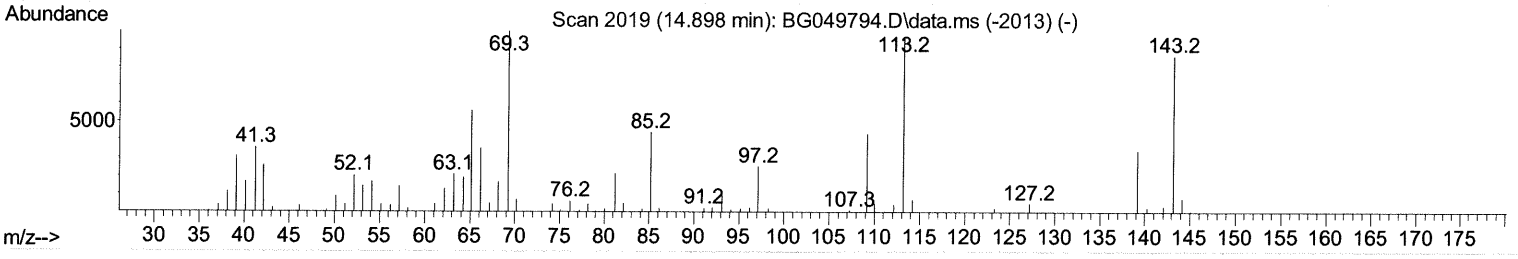
Manual Integrations APPROVED
mohammad
8/12/2021 1:35:11 PM







TIC: BG049804.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.898min (+ 0.000) 10.88 ng/ul

response 12980

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	107.70	105.13
41.00	45.40	37.92
42.00	26.90	25.91

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : M3287-07
Misc :
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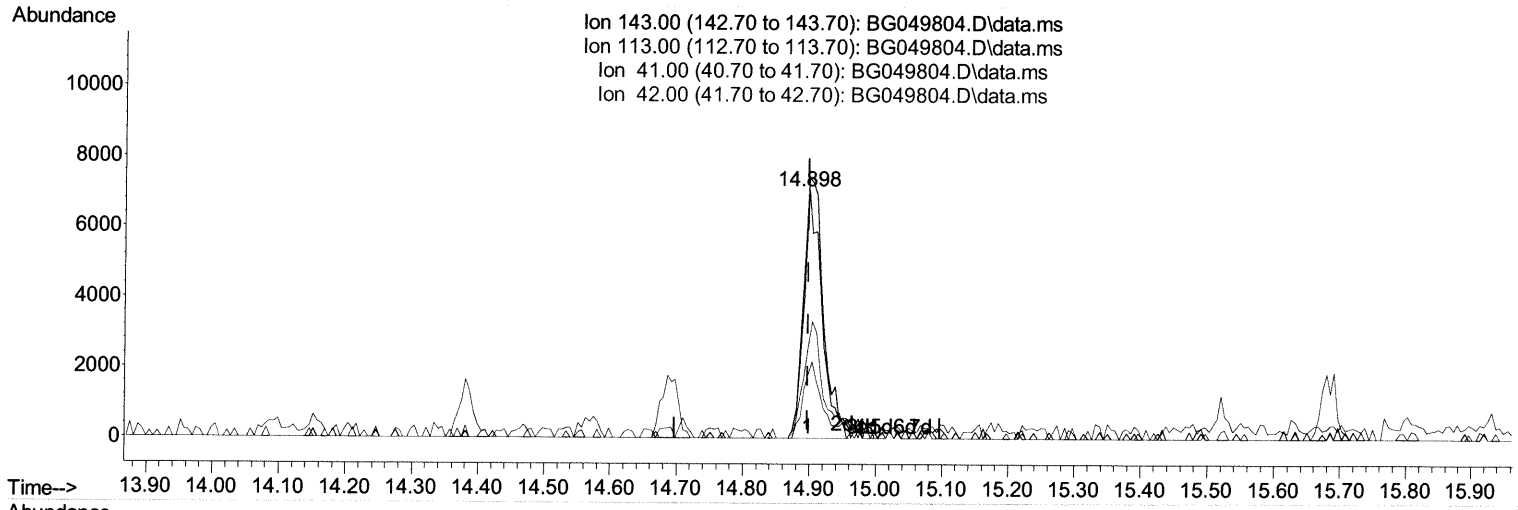
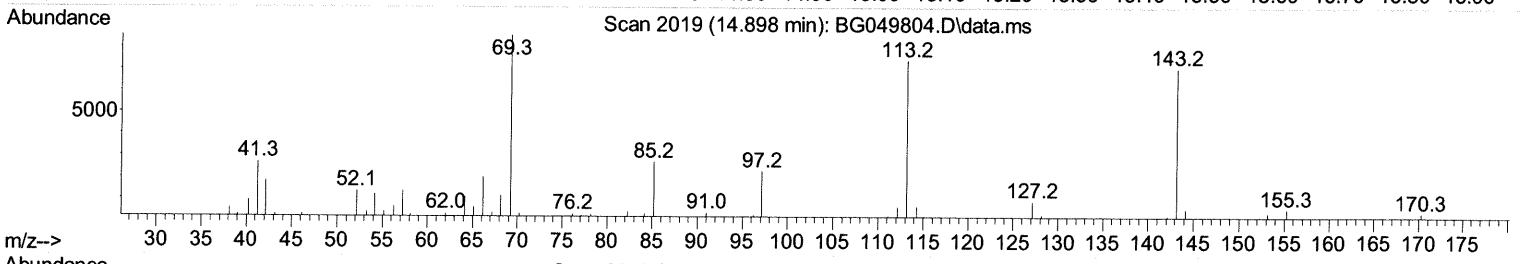
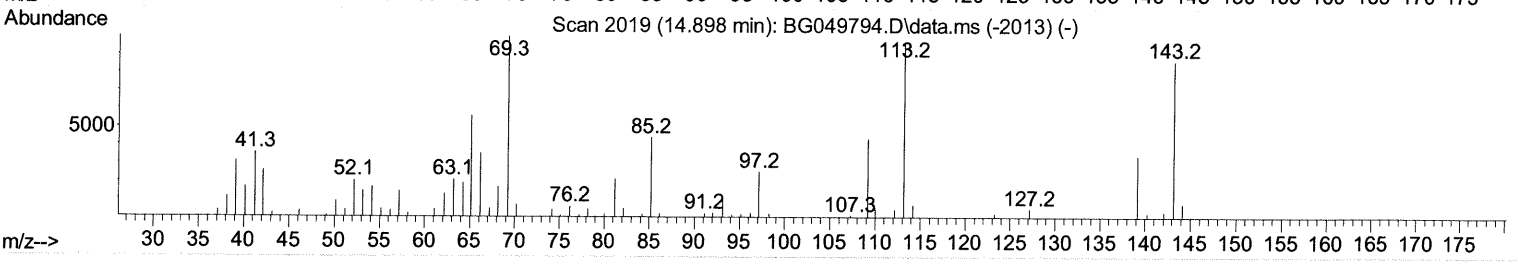
Instrument :
BNA_G
ClientSampleId :
BGB08

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:11 PM







TIC: BG049804.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.898min (+ 0.000) 11.30 ng/ul m

JU 8/13/21

response 13472

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	107.70	105.13
41.00	45.40	37.92
42.00	26.90	25.91

Quantitation Report (Qedit)

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Sample : M3287-07
Misc :
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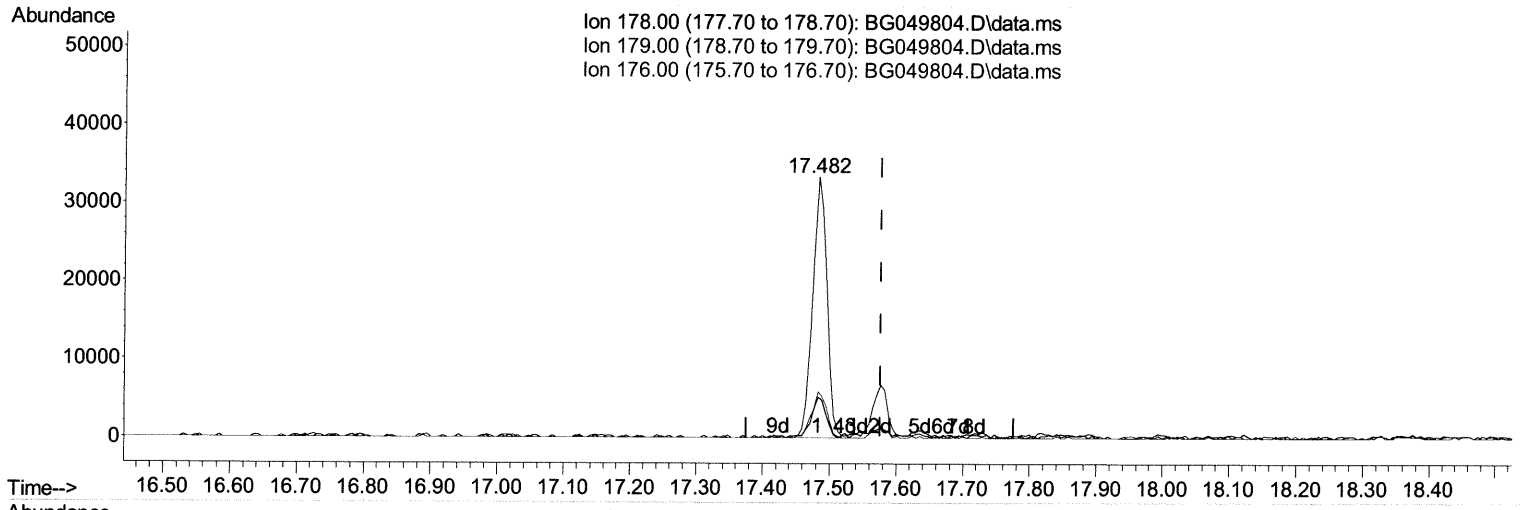
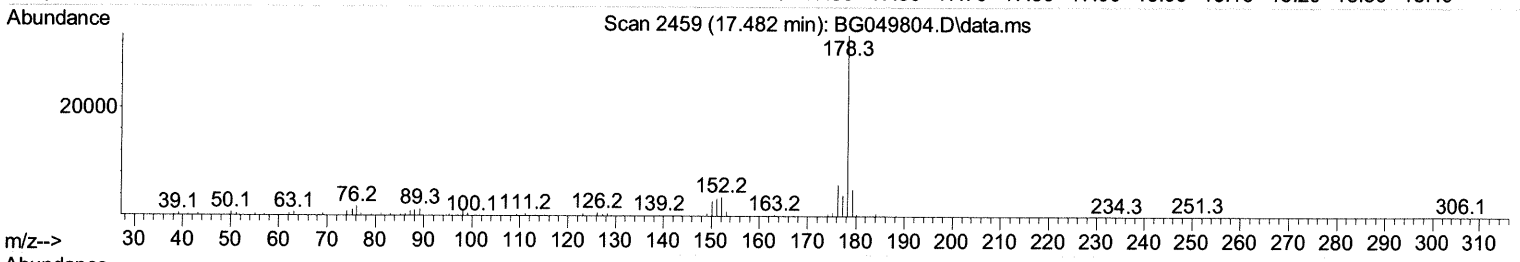
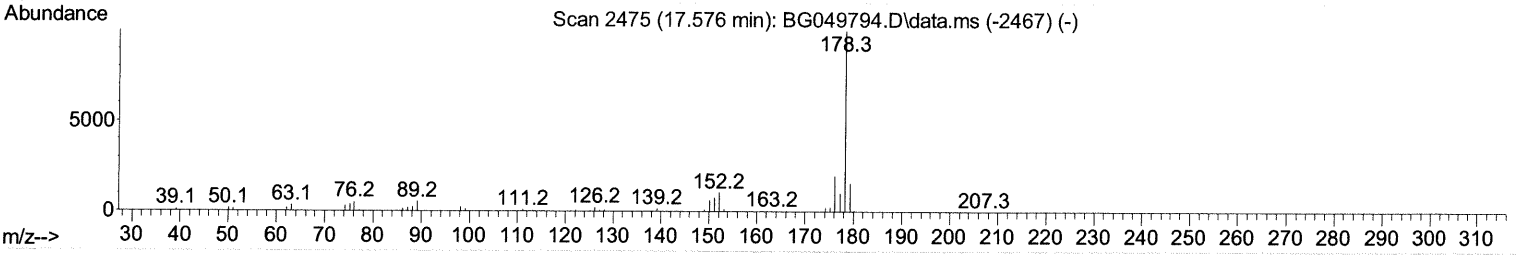
Instrument :
BNA_G
ClientSampleId :
BGB08

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:11 PM







TIC: BG049804.D\data.ms

(74) Anthracene

17.482min (-0.094) 5.06 ng/ul

response 48563

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	15.39
176.00	18.20	17.65
0.00	0.00	0.00

Quantitation Report (Qedit)

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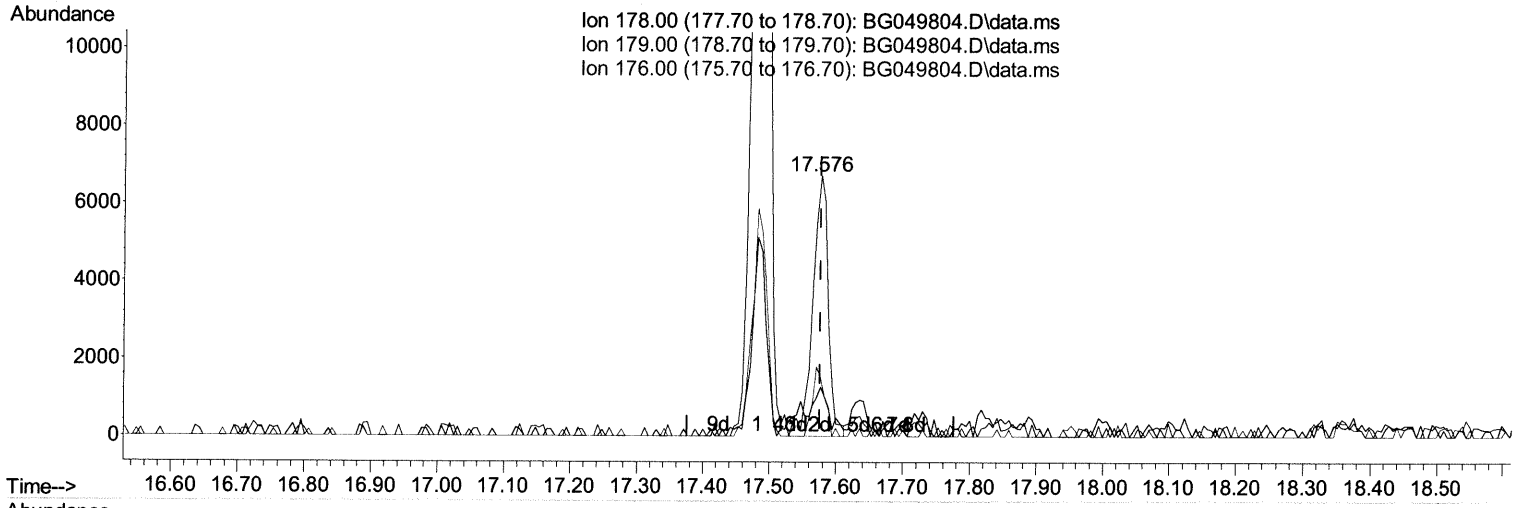
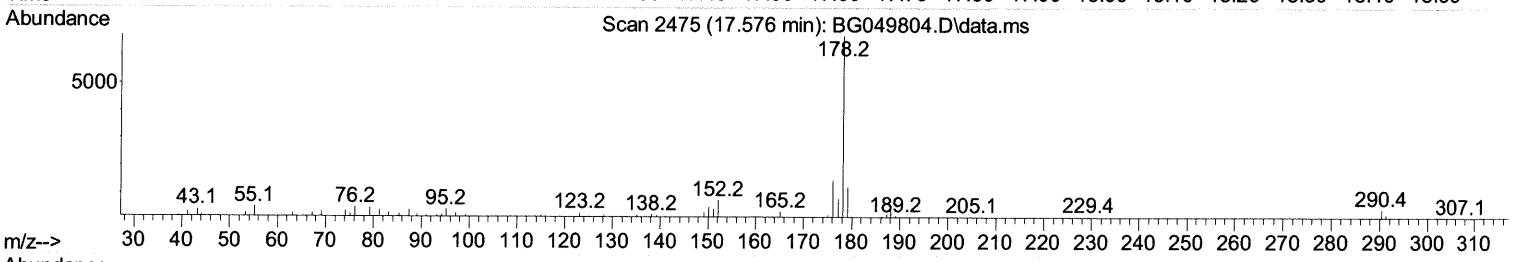
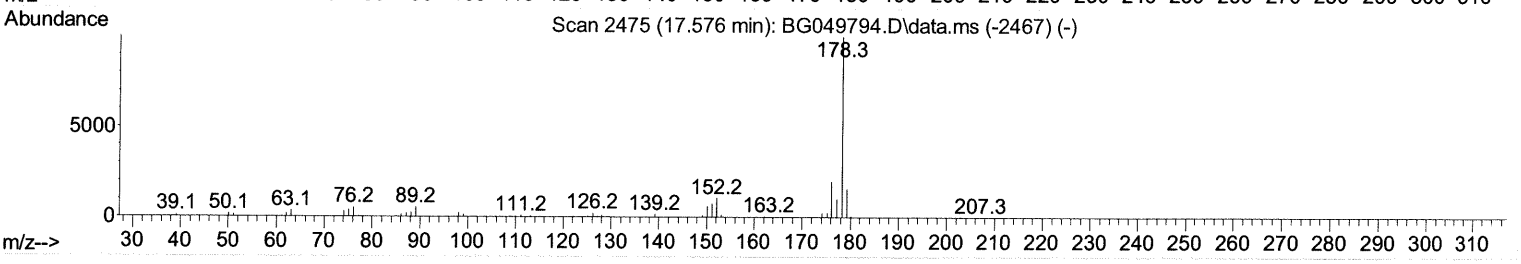
Instrument :
BNA_G
ClientSampleId :
BGB08

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:11 PM







TIC: BG049804.D\data.ms

(74) Anthracene

17.576min (+ 0.000) 1.12 ng/ul m

response 10753

8/12/21

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	18.66#
176.00	18.20	22.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049804.D
Acq On : 12 Aug 2021 1:53
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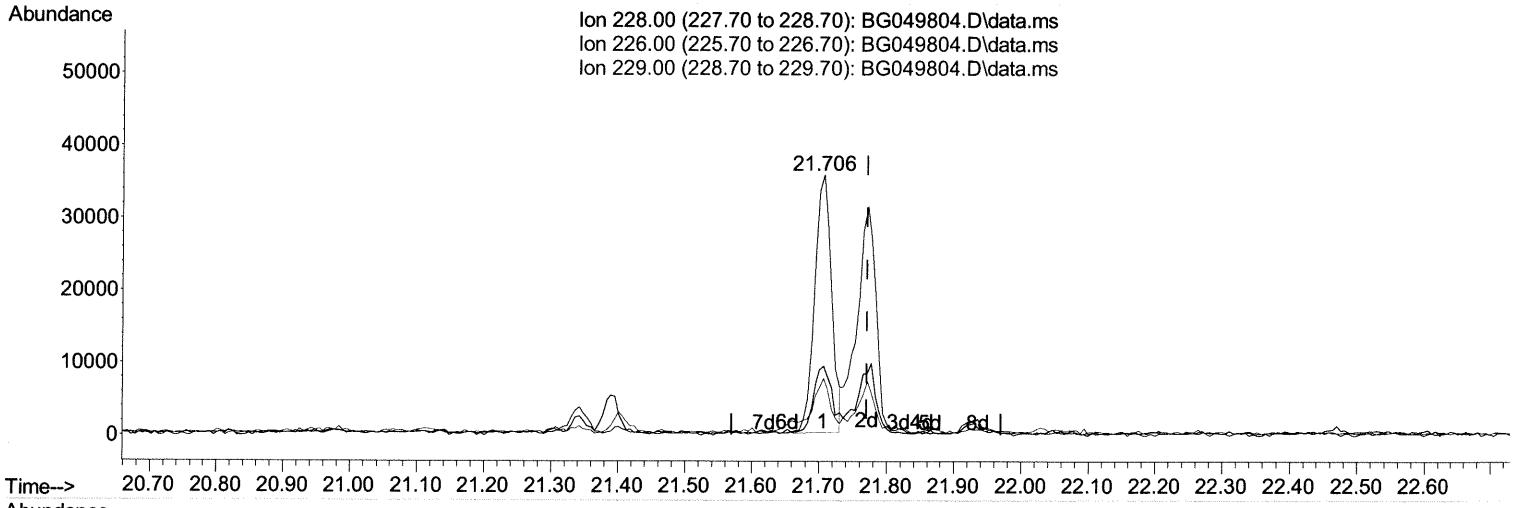
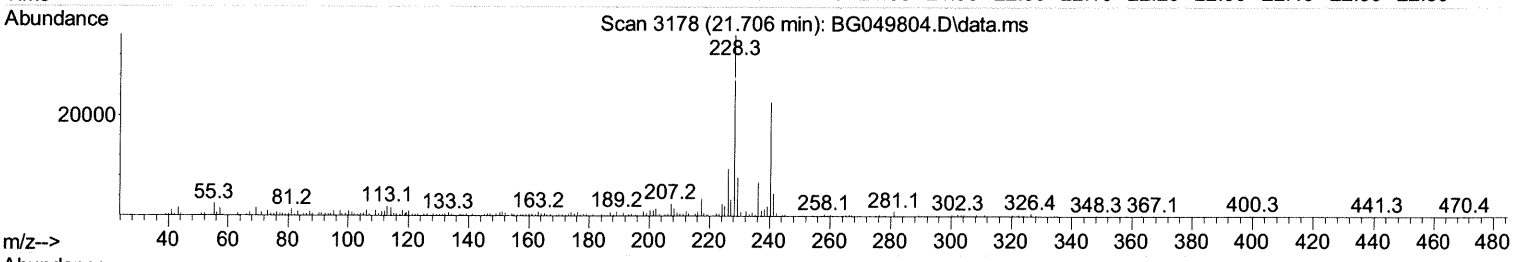
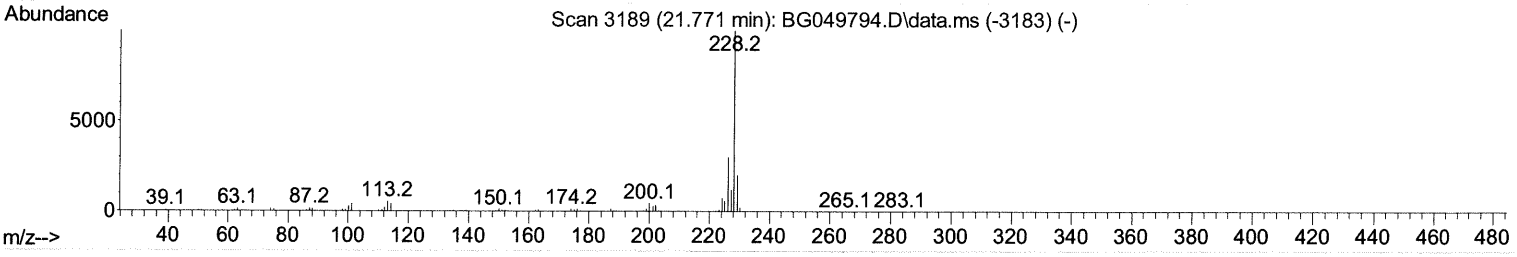
Instrument :
BNA_G
ClientSampleId :
BGB08

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:11 PM







TIC: BG049804.D\data.ms

(87) Chrysene

21.706min (-0.064) 6.55 ng/ul

response 62070

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	26.53
229.00	19.30	21.72
0.00	0.00	0.00

Quantitation Report (Qedit)

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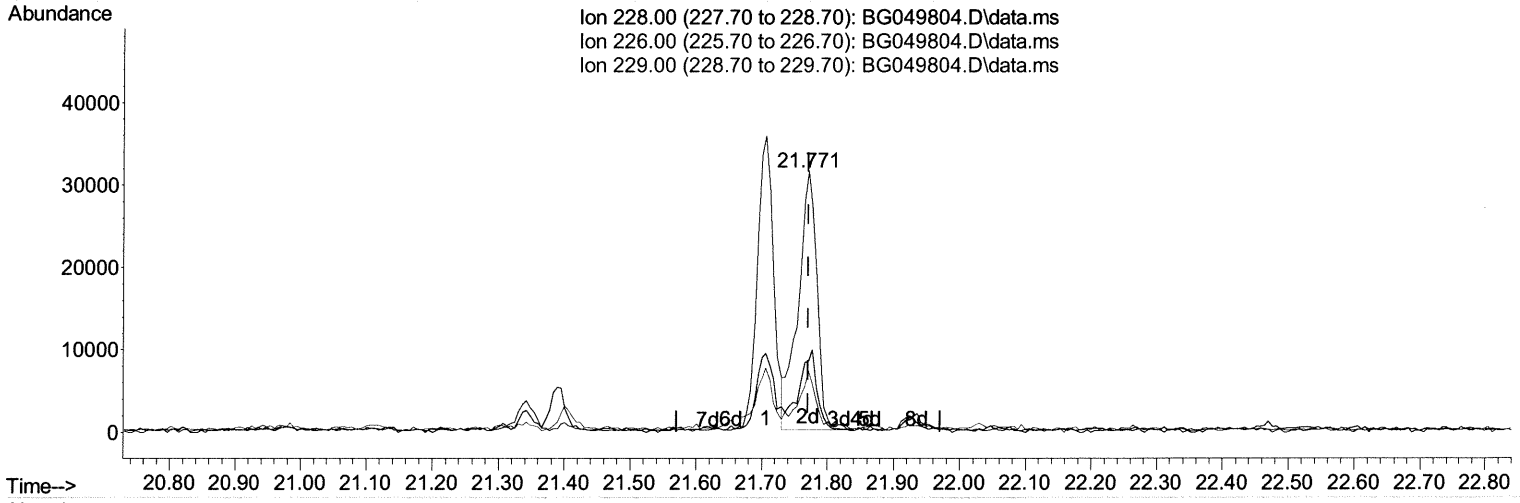
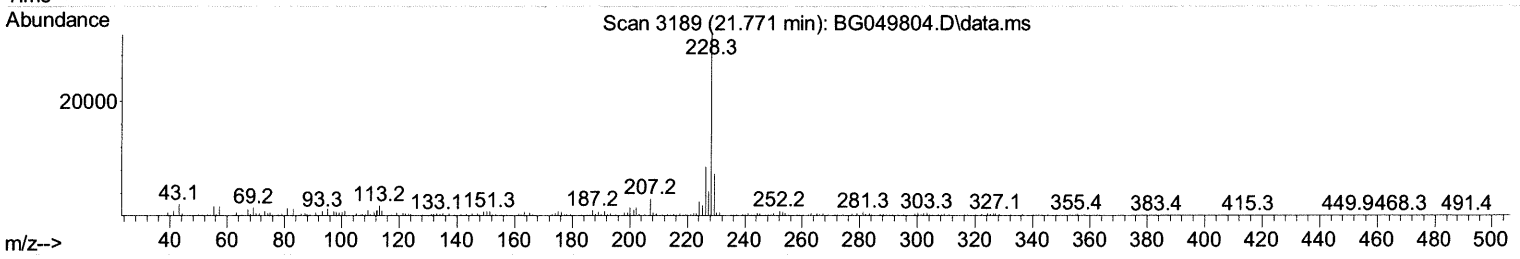
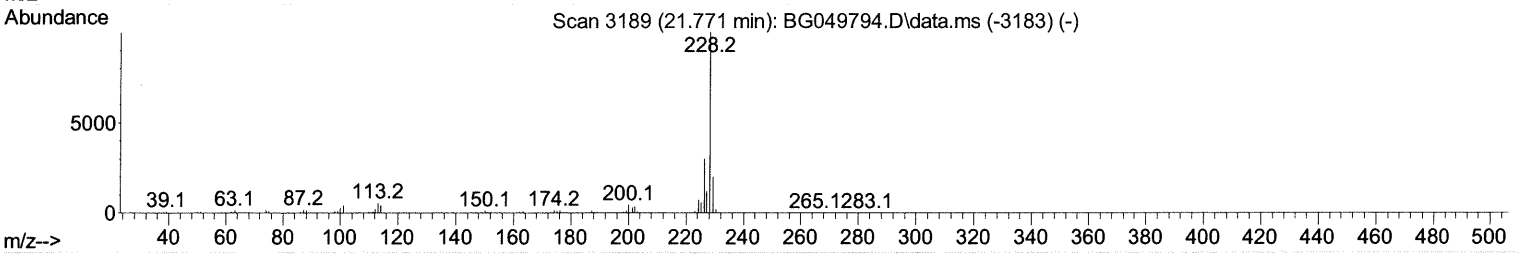
BNA_G
ClientSampleId :
BGB08

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:11 PM







TIC: BG049804.D\data.ms

(87) Chrysene

21.771min (+ 0.000) 6.65 ng/ul m Jed 8/13/21

response 62980

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	27.15
229.00	19.30	23.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

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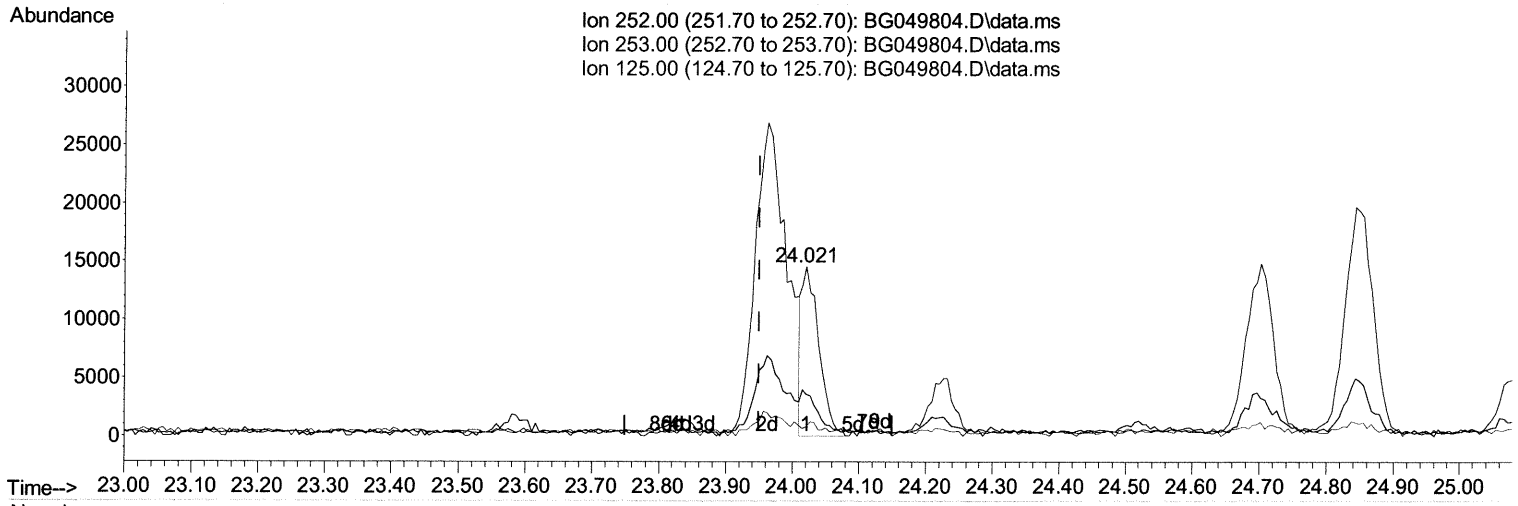

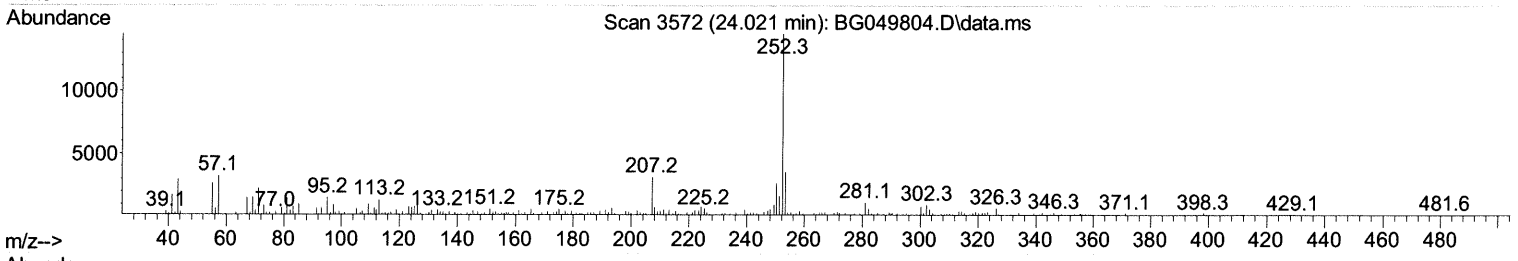

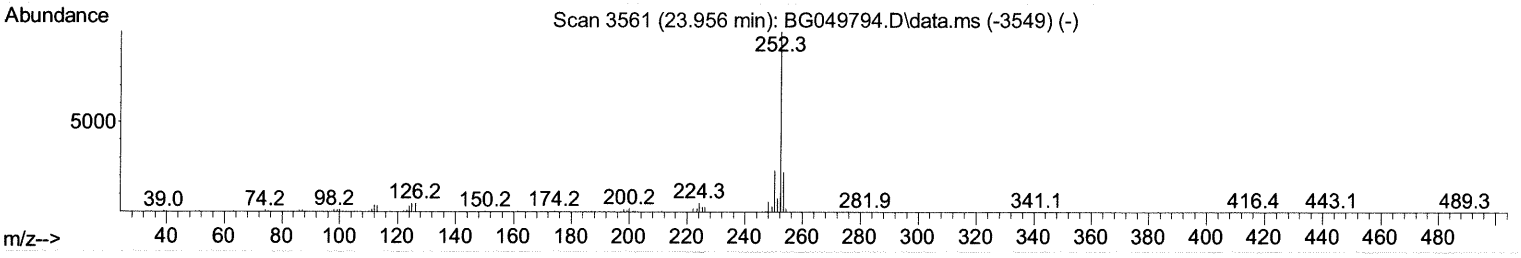

TIC: BG049804.D\data.ms

(90) Benzo(b)fluoranthene

24.021min (+ 0.071) 2.40 ng/ul

response 25913

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	24.48
125.00	4.60	5.28
0.00	0.00	0.00

Quantitation Report (Qedit)

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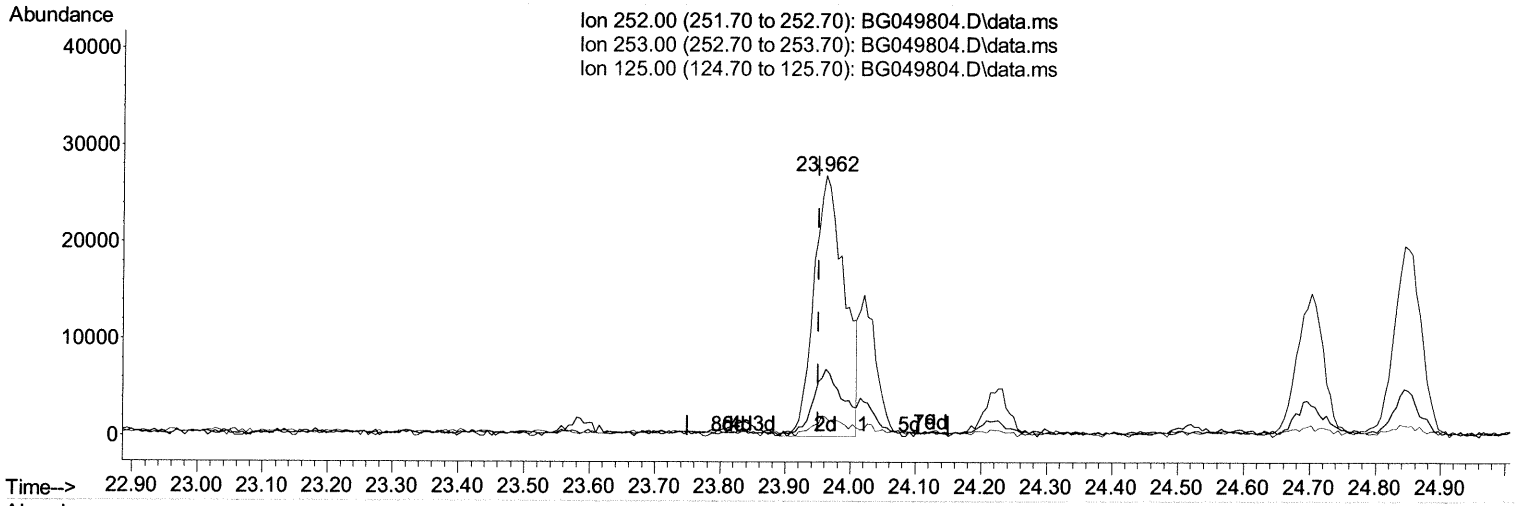
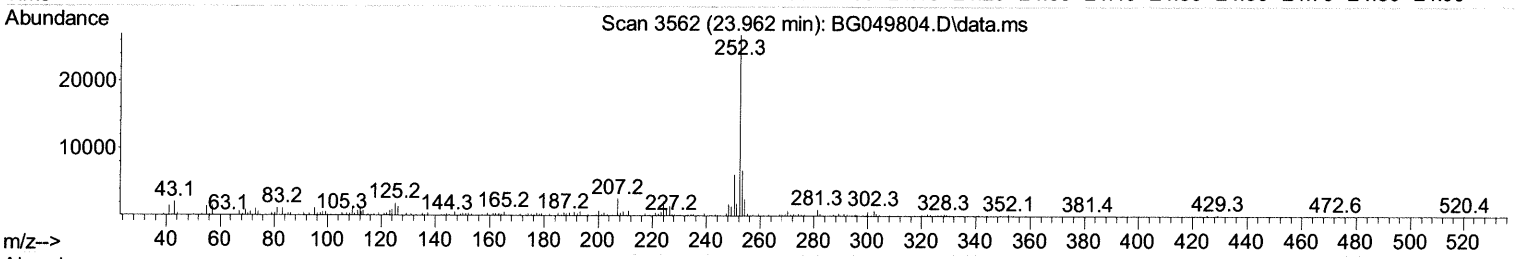
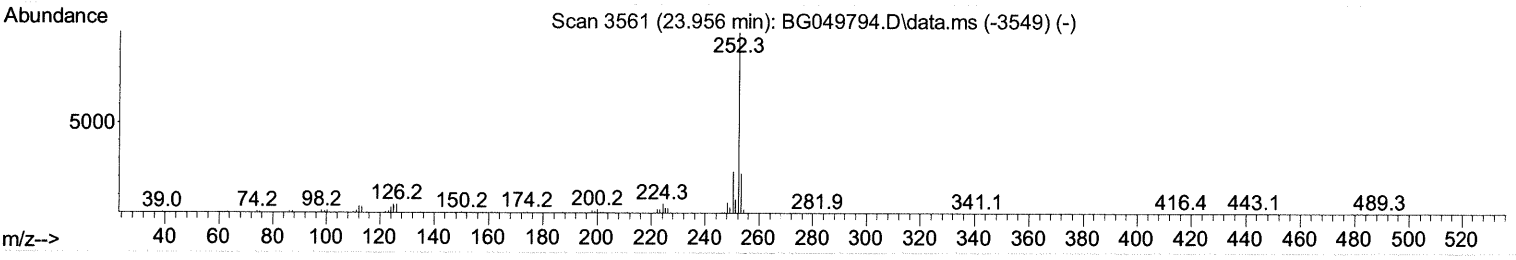
mohammad
8/12/2021 1:35:11 PM







TIC: BG049804.D\data.ms

(90) Benzo(b)fluoranthene

23.962min (+ 0.012) 8.24 ng/ul m JE 8/13/21

response 88863

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	25.65
125.00	4.60	7.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

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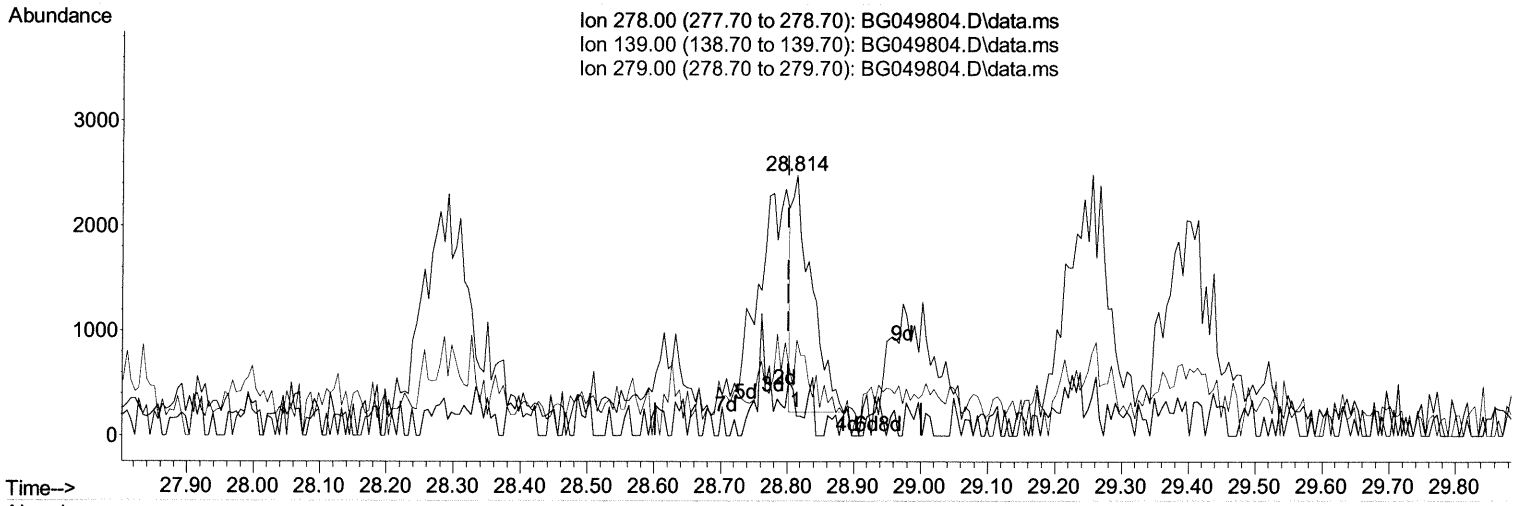
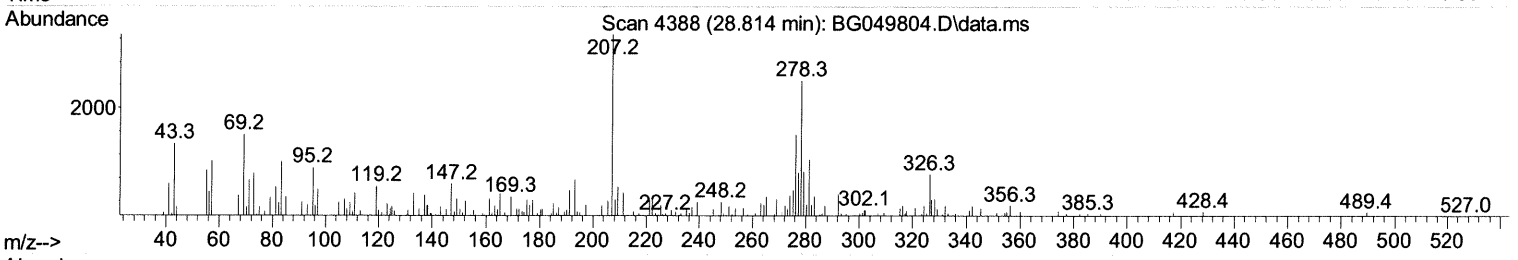
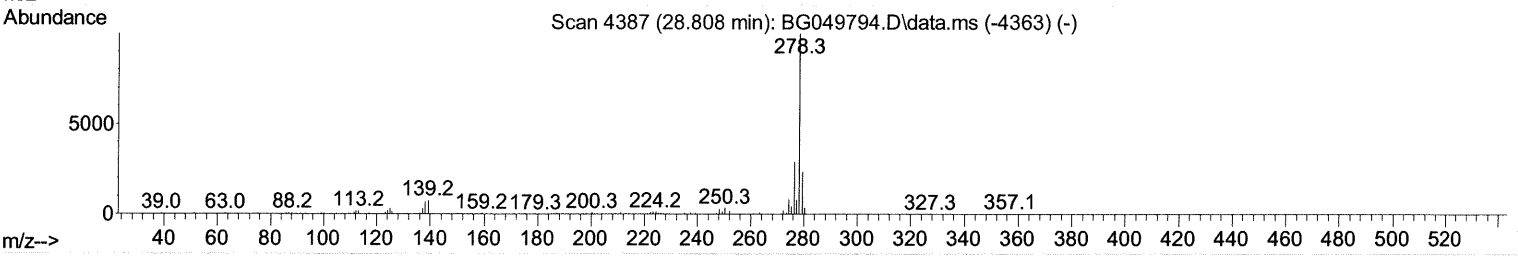
mohammad
8/12/2021 1:35:11 PM







TIC: BG049804.D\data.ms

(95) Dibenzo(a,h)anthracene

28.814min (+ 0.012) 0.44 ng/ul

response 4572

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	7.53
279.00	23.60	36.91#
0.00	0.00	0.00

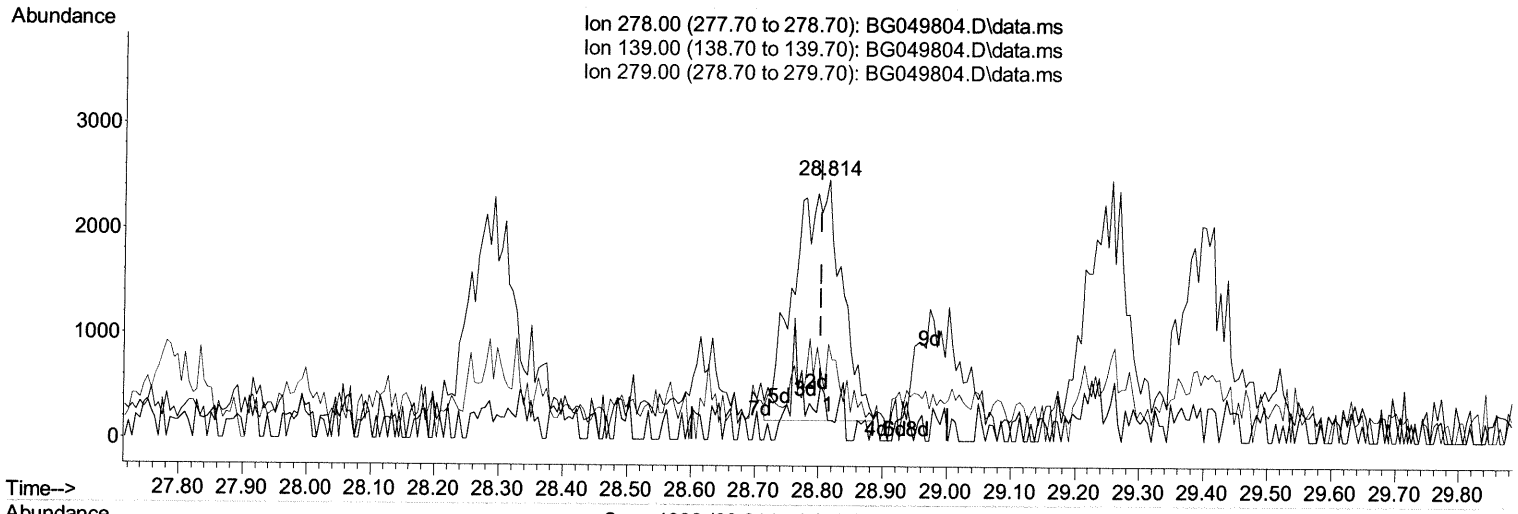
Quantitation Report (Qedit)

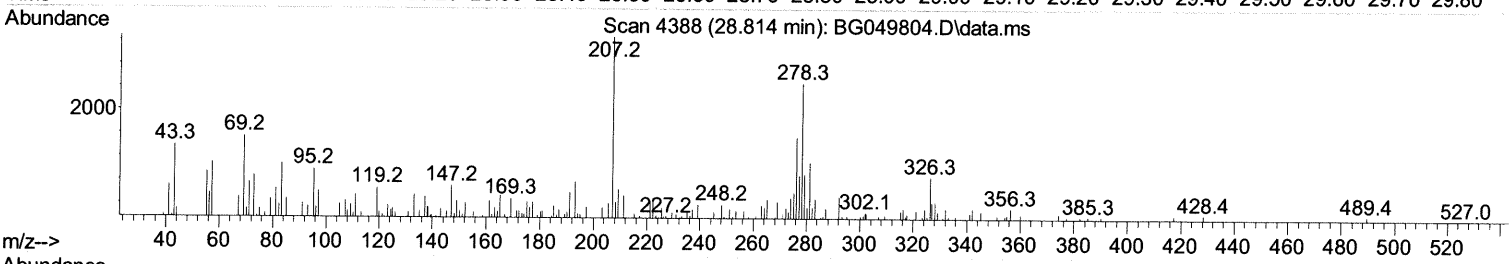
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049804.D
Acq On : 12 Aug 2021 1:53
Operator : CG/JU
Sample : M3287-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

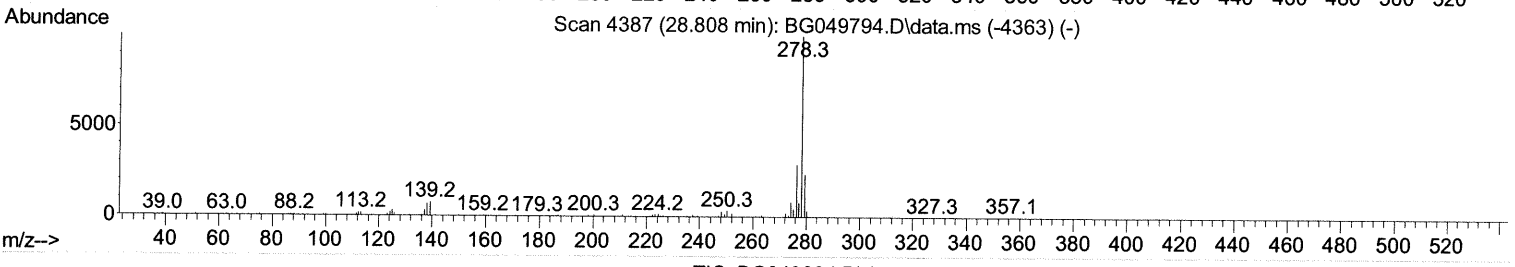
Quant Time: Aug 12 03:14:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGB08

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:11 PM







TIC: BG049804.D\data.ms

(95) Dibenzo(a,h)anthracene

28.814min (+ 0.012) 1.14 ng/ul m

response 11825

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	7.53
279.00	23.60	36.91#
0.00	0.00	0.00

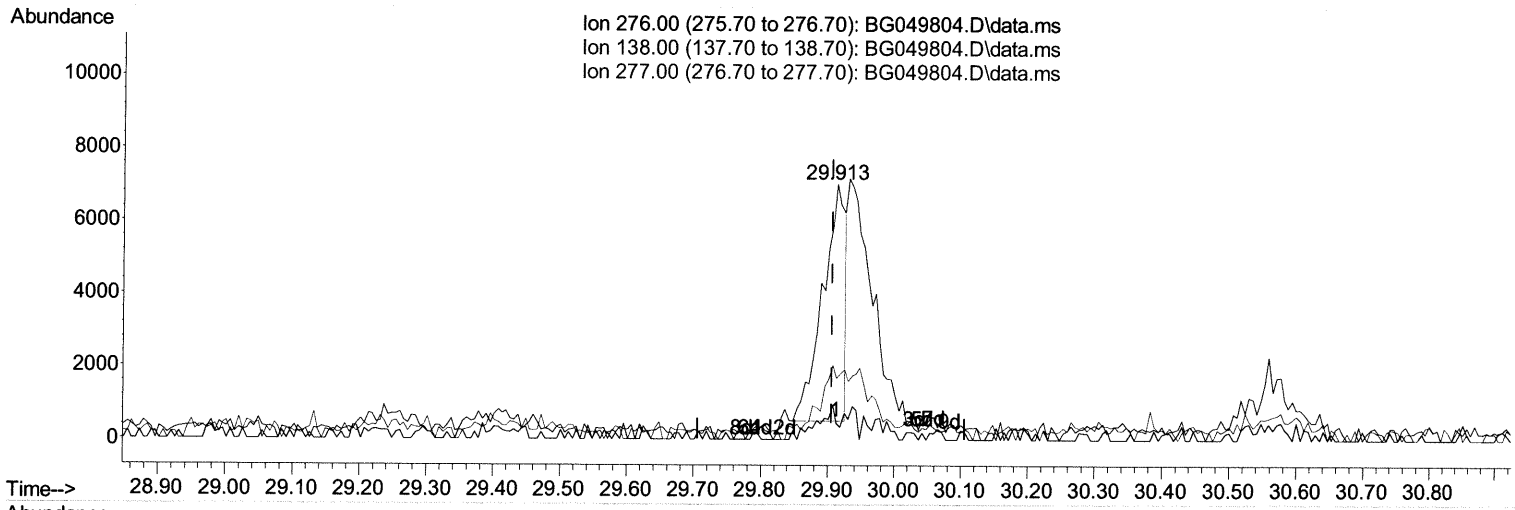
Quantitation Report (Qedit)

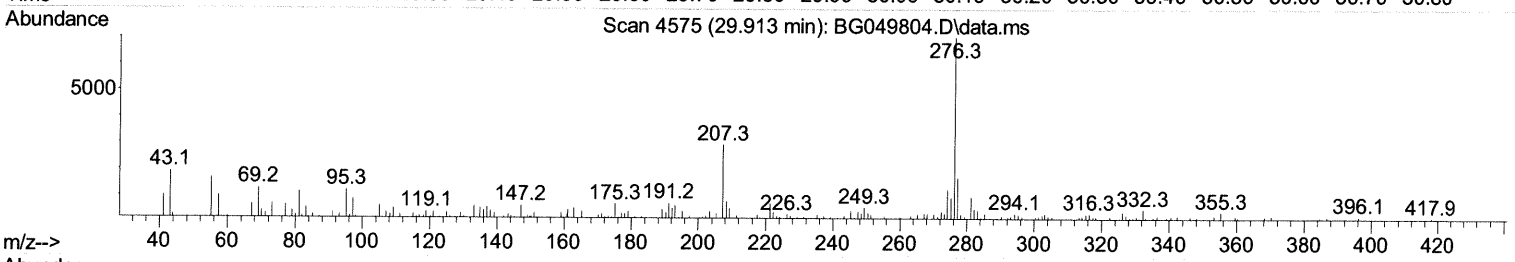
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049804.D
Acq On : 12 Aug 2021 1:53
Operator : CG/JU
Sample : M3287-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

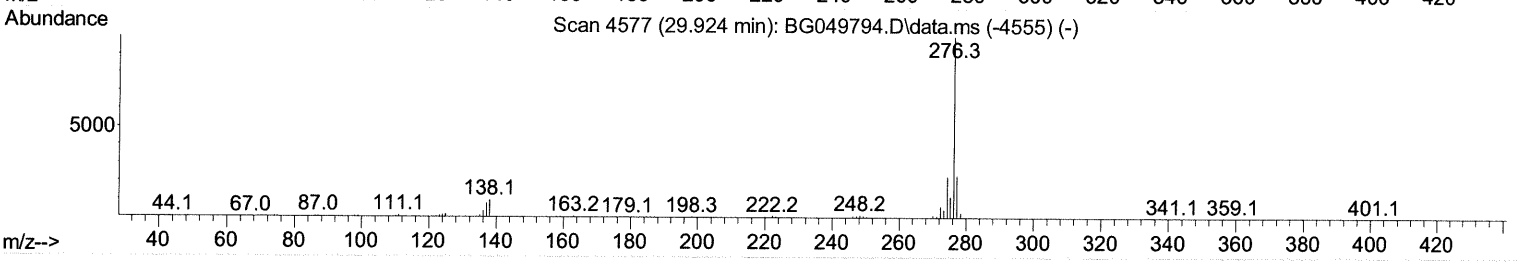
Quant Time: Aug 12 03:14:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGB08

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:11 PM







TIC: BG049804.D\data.ms

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

29.913min (+ 0.006) 1.46 ng/ul

response 15126

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	6.26#
277.00	24.40	24.04
0.00	0.00	0.00

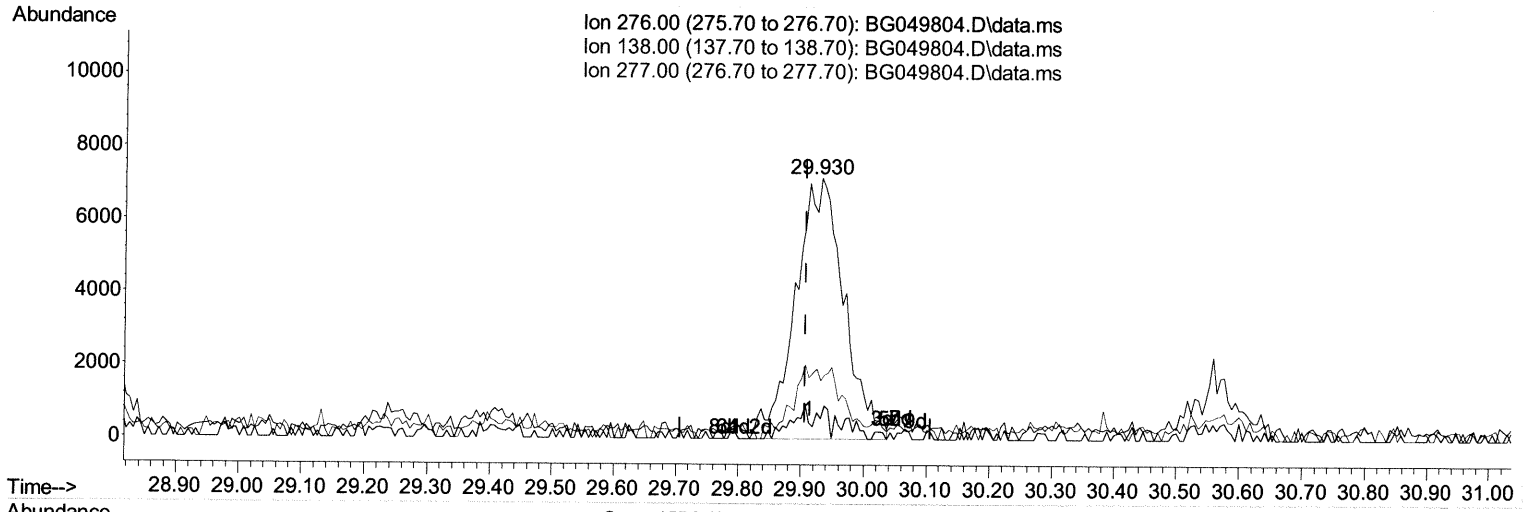
Quantitation Report (Qedit)

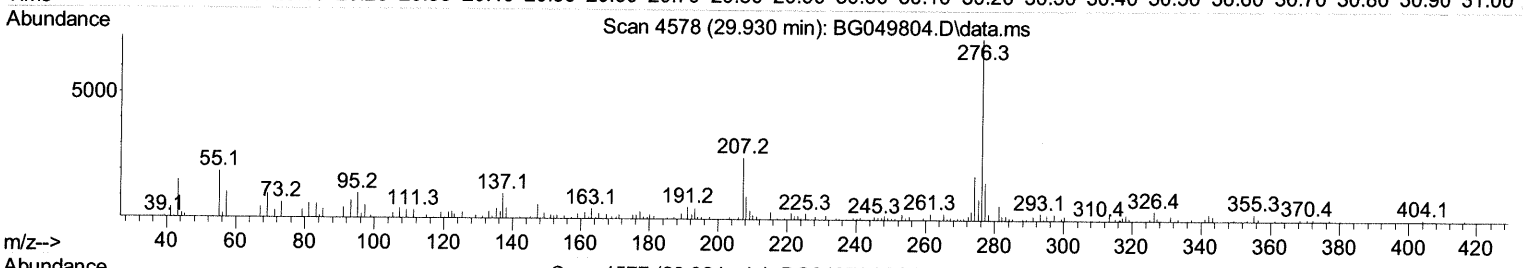
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049804.D
Acq On : 12 Aug 2021 1:53
Operator : CG/JU
Sample : M3287-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

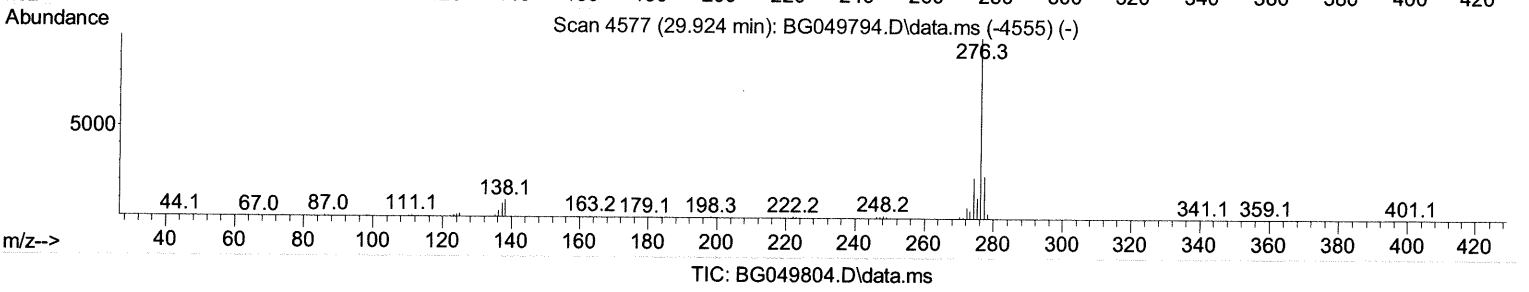
Quant Time: Aug 12 03:14:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGB08

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:11 PM







TIC: BG049804.D\data.ms

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

29.930min (+ 0.024) 3.69 ng/ul m

8/12/21

response 38204

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	7.63
277.00	24.40	22.22
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049804.D
Acq On : 12 Aug 2021 1:53
Operator : CG/JU
Sample : M3287-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 12 03:14:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : BGB08

Manual Integrations APPROVED
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8/12/2021 1:35:11 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	31134	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	136110	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	94001	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	181286	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	154532	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	165084	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	2535m	3.807	ng/uL	0.00
4) Pyridine-d5	3.854	84	12829	6.420	ng/ul	0.01
7) Phenol-d5	7.202	99	37995	13.447	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	23347	14.385	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	31175	15.415	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	22363	10.380	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	16919	15.780	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	20272	16.556	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	35404	15.334	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	37763	11.948	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	122472	16.602	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	148976	16.975	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	13472m	11.295	ng/ul	0.00
60) Fluorene-d10	15.679	176	106167	16.743	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	7873	6.453	ng/ul	0.00
73) Anthracene-d10	17.541	188	145151	16.962	ng/ul	0.00
81) Pyrene-d10	19.832	212	155316	18.241	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	153092	16.925	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.903	128	8730	1.228	ng/ul#	90
72) Phenanthrene	17.482	178	48563	5.061	ng/ul	98
74) Anthracene	17.576	178	10753m	1.120	ng/ul	
80) Fluoranthene	19.497	202	106322	10.118	ng/ul	99
82) Pyrene	19.862	202	99936	9.535	ng/ul#	95
85) Benzo(a)anthracene	21.706	228	62419	6.152	ng/ul	97
87) Chrysene	21.771	228	62980m	6.646	ng/ul	
90) Benzo(b)fluoranthene	23.962	252	88863m	8.236	ng/ul	
91) Benzo(k)fluoranthene	24.021	252	25913	2.419	ng/ul	96
93) Benzo(a)pyrene	24.843	252	56695	5.969	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.755	276	38798	3.112	ng/ul#	88
95) Dibenzo(a,h)anthracene	28.814	278	11825m	1.137	ng/ul	
96) Benzo(g,h,i)perylene	29.930	276	38204m	3.686	ng/ul	

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