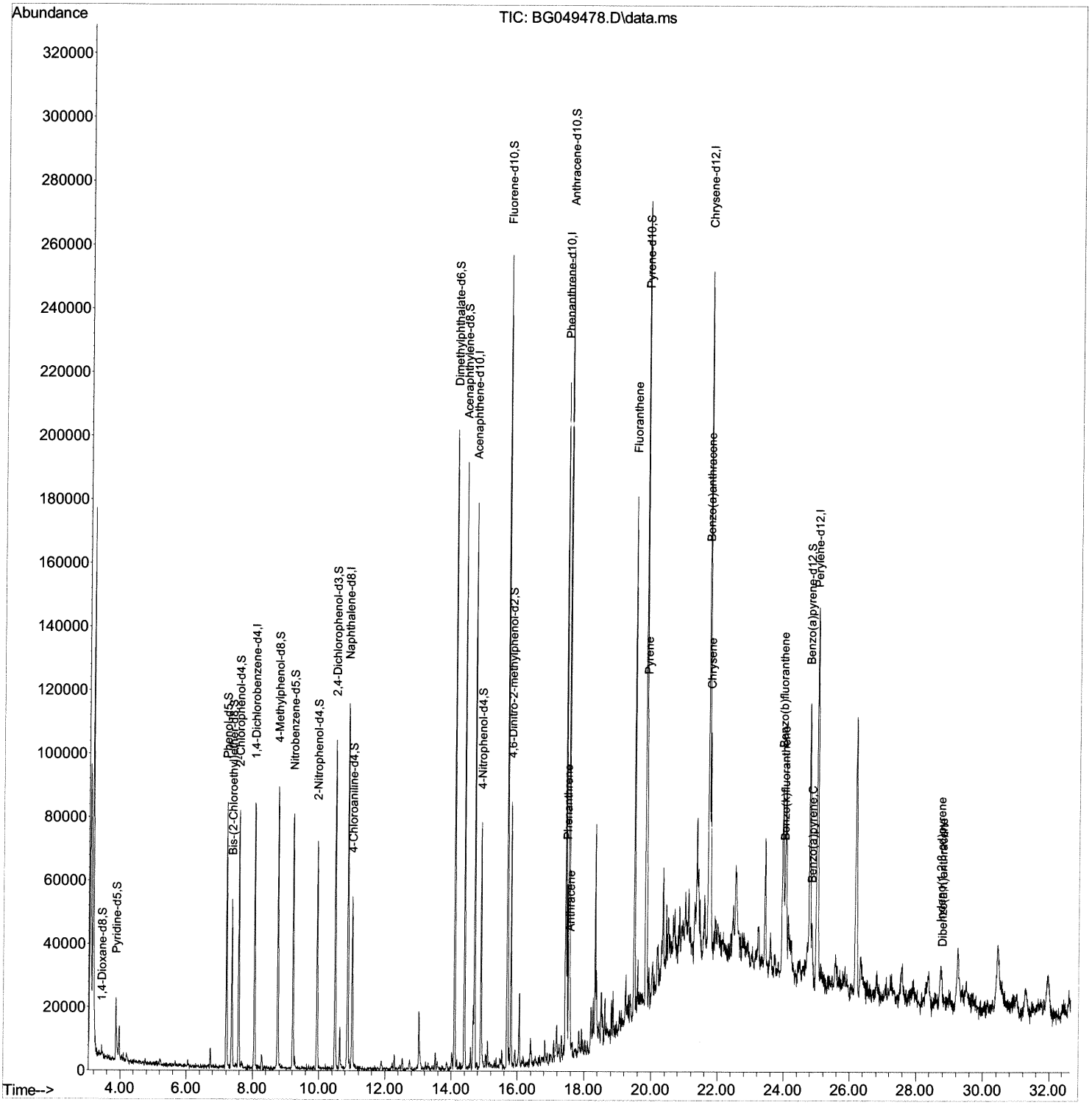
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049478.D
Acq On : 26 Jul 2021 14:31
Operator : CG/JU
Sample : M3082-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 26 15:22:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0016

Manual Integrations APPROVED
mohammad
7/27/2021 12:06:30 PM



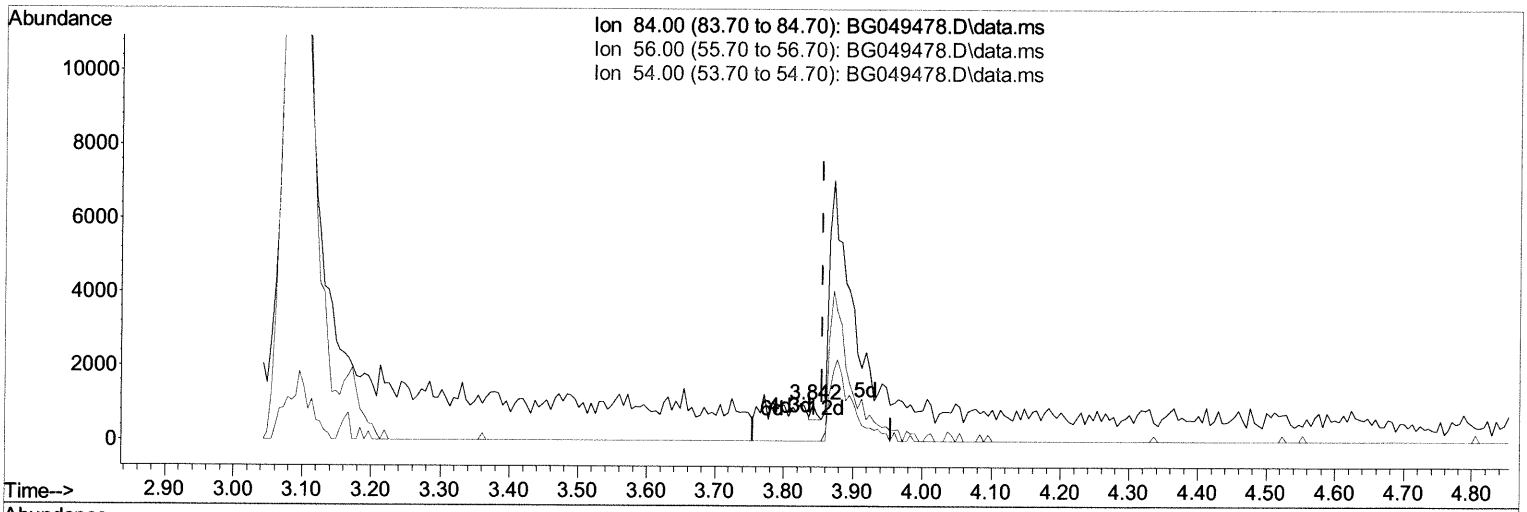
Quantitation Report (Qedit)

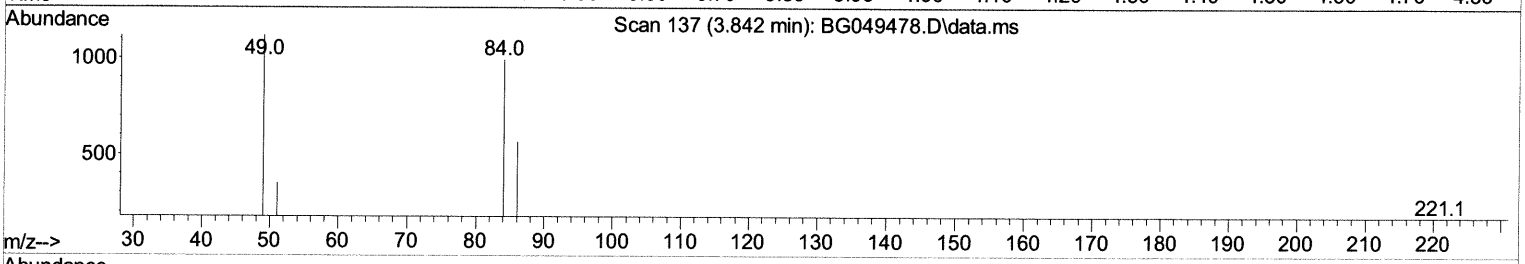
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049478.D
Acq On : 26 Jul 2021 14:31
Operator : CG/JU
Sample : M3082-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

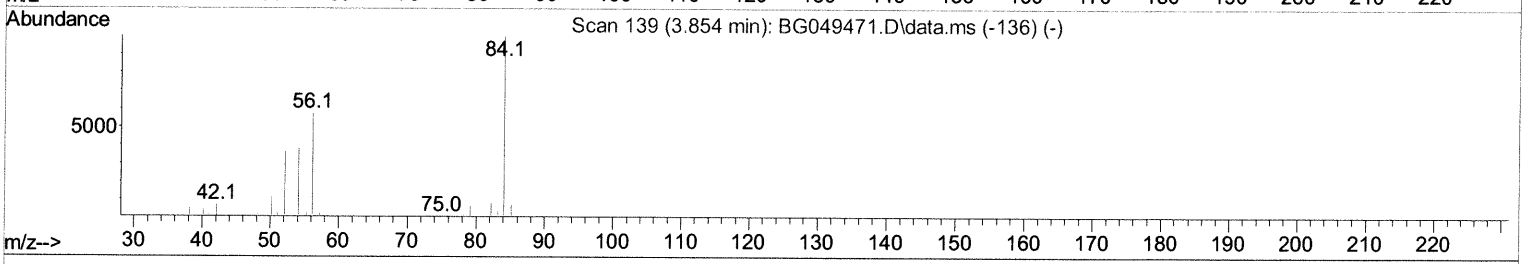
Quant Time: Jul 26 15:22:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0016

Manual Integrations APPROVED
mohammad
7/27/2021 12:06:30 PM







TIC: BG049478.D\data.ms

(4) Pyridine-d5 (S)

3.842min (-0.013) 0.14 ng/ul

response 202

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	0.00#
54.00	34.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049478.D
Acq On : 26 Jul 2021 14:31
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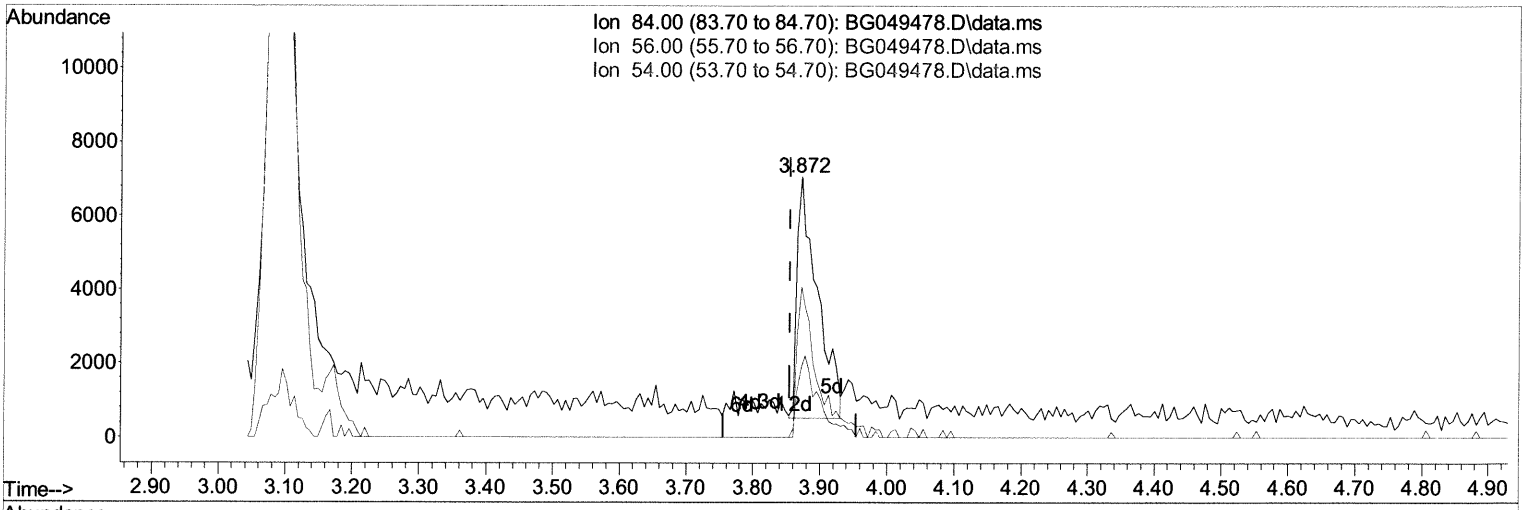
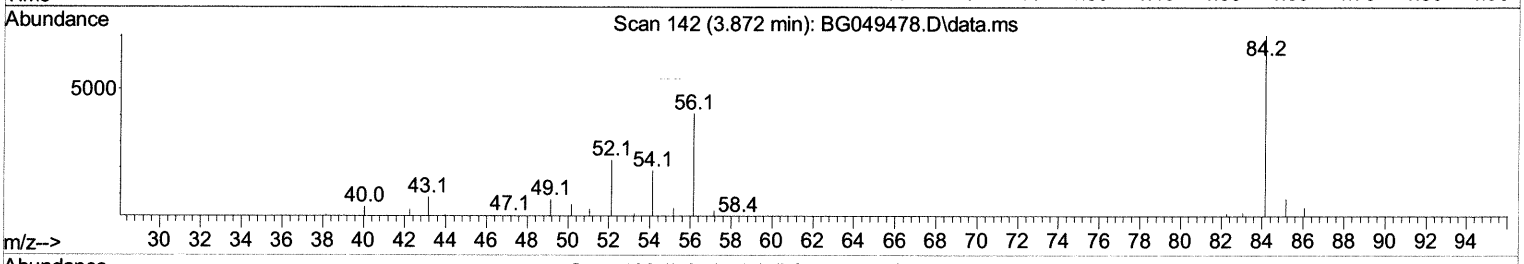
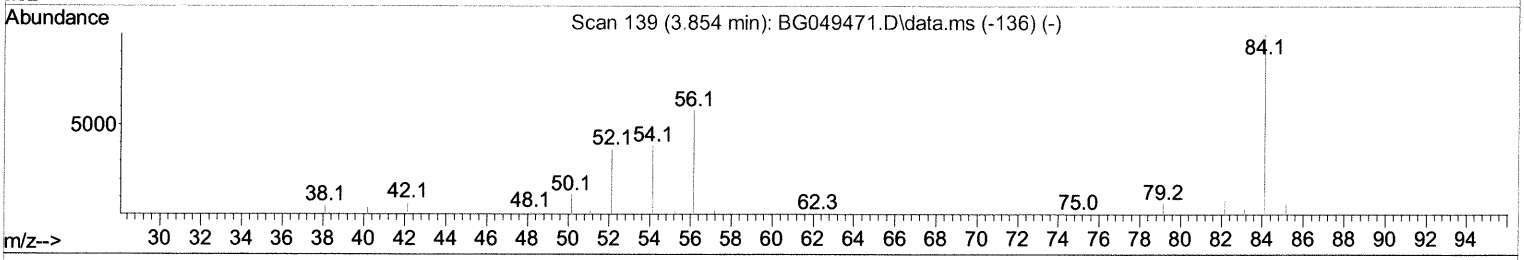
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0016

Manual Integrations APPROVED
mohammad
7/27/2021 12:06:30 PM







TIC: BG049478.D\data.ms

(4) Pyridine-d5 (S)

3.872min (+ 0.017) 9.76 ng/ul m 07/29/21 JU

response 13788

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	57.59
54.00	34.10	26.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049478.D
Acq On : 26 Jul 2021 14:31
Operator : CG/JU
Sample : M3082-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
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QLast Update : Mon Jul 26 11:36:47 2021
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BNA_G
ClientSampleId :
C0016

Manual Integrations APPROVED
mohammad
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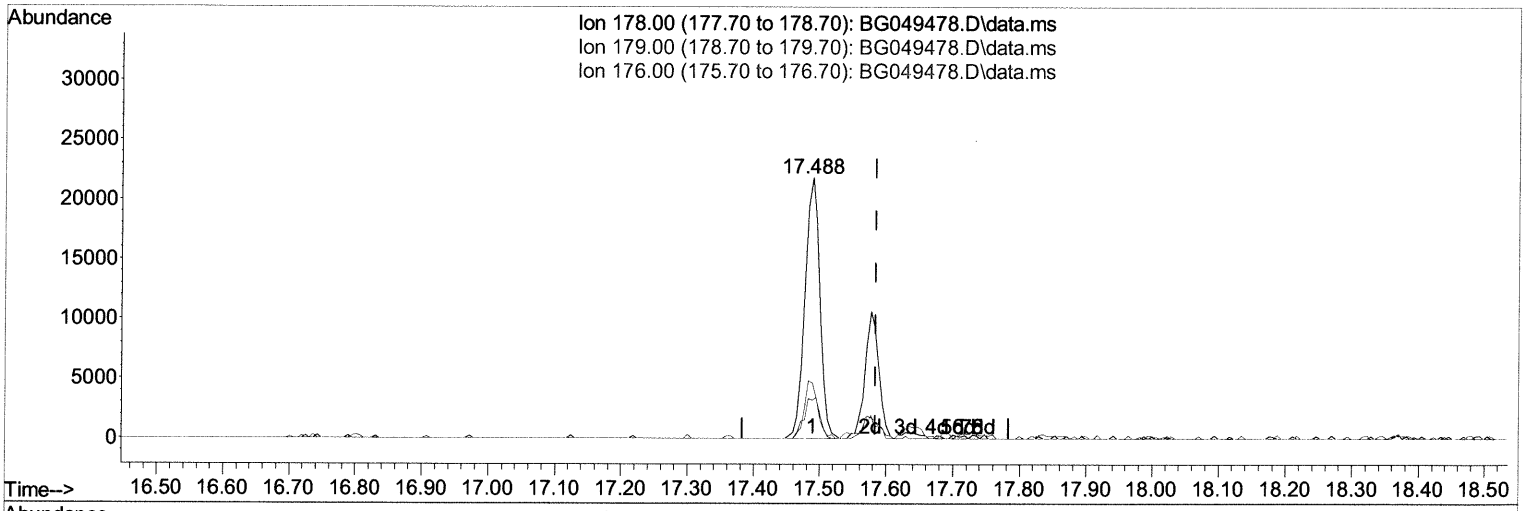

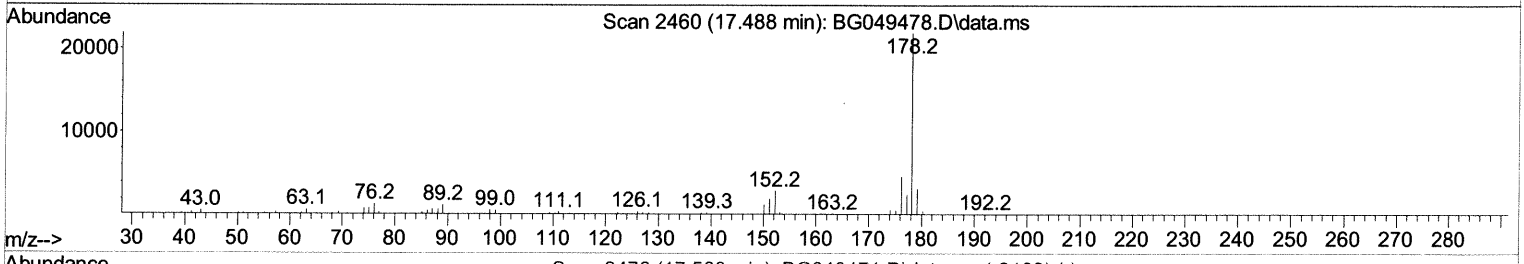

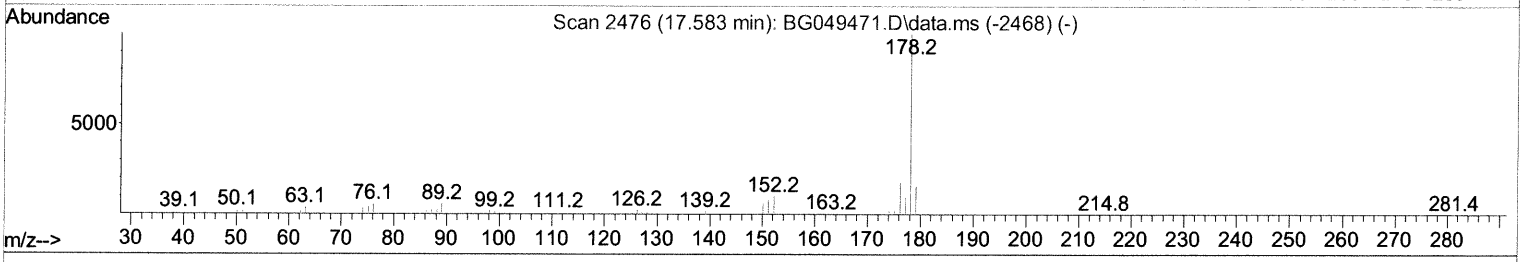

TIC: BG049478.D\data.ms

(74) Anthracene

17.488min (-0.095) 5.12 ng/ul

response 34370

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.00	14.54
176.00	19.50	21.23
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
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Sample : M3082-18
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Instrument :
BNA_G
ClientSampleId :
C0016

Manual Integrations APPROVED
mohammad
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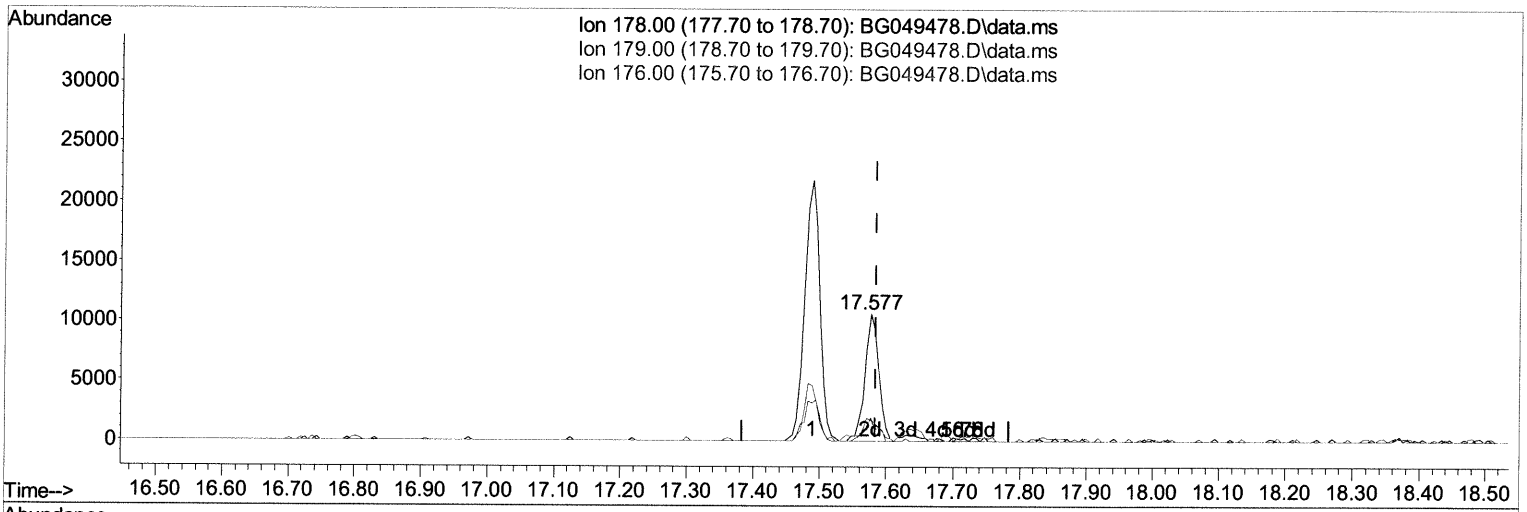

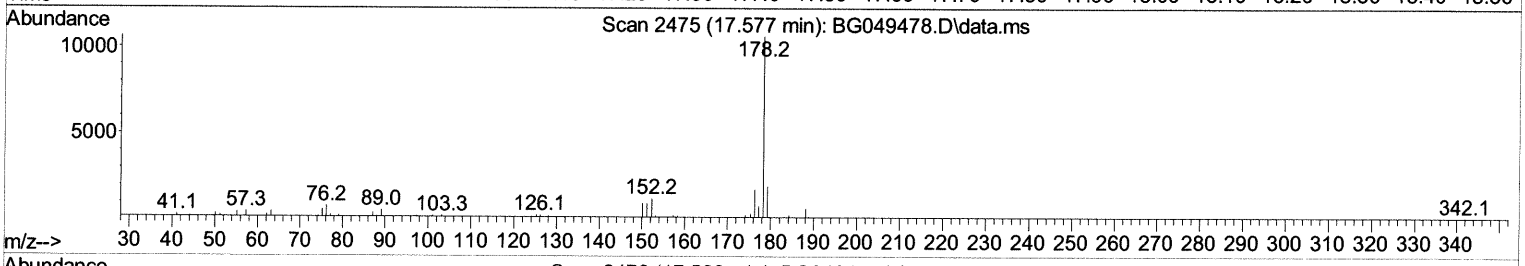

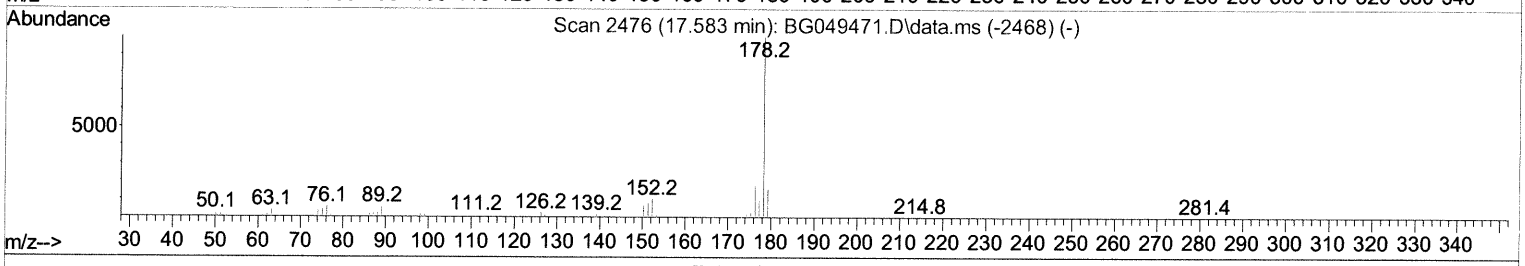

TIC: BG049478.D\data.ms

(74) Anthracene

17.577min (-0.007) 2.29 ng/ul m 07/29/21 JU

response 15367

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.00	18.10#
176.00	19.50	16.36
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG049478.D
Acq On : 26 Jul 2021 14:31
Operator : CG/JU
Sample : M3082-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 26 15:22:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0016

Manual Integrations APPROVED
mohammad
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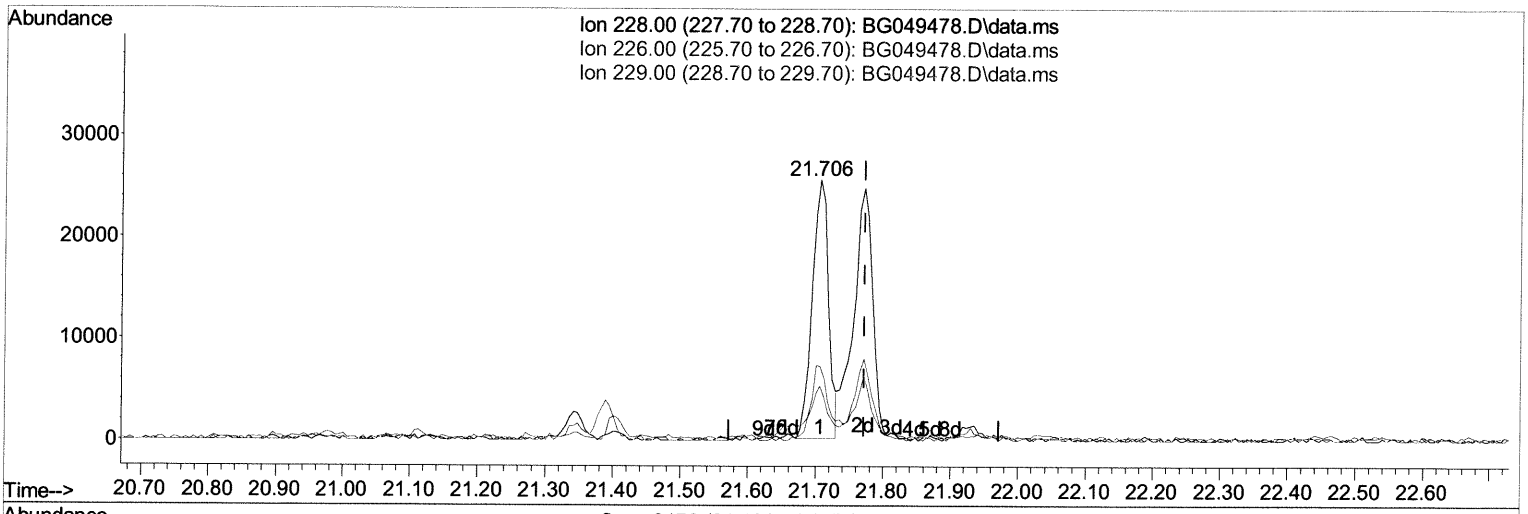

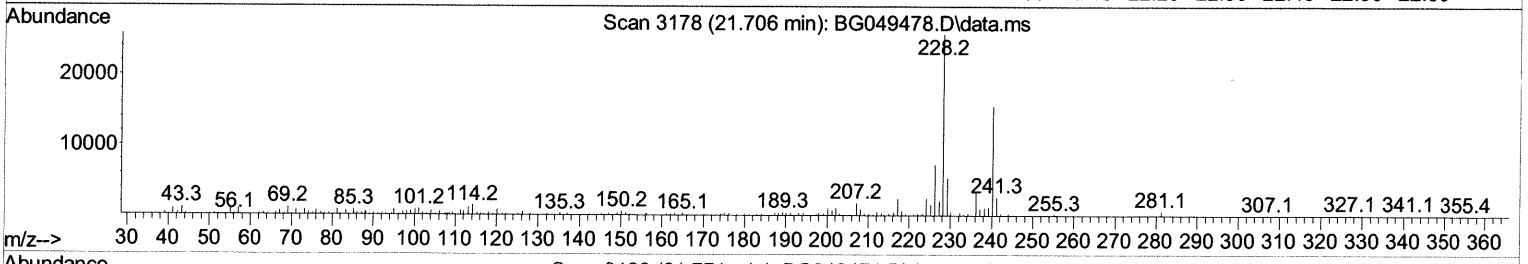

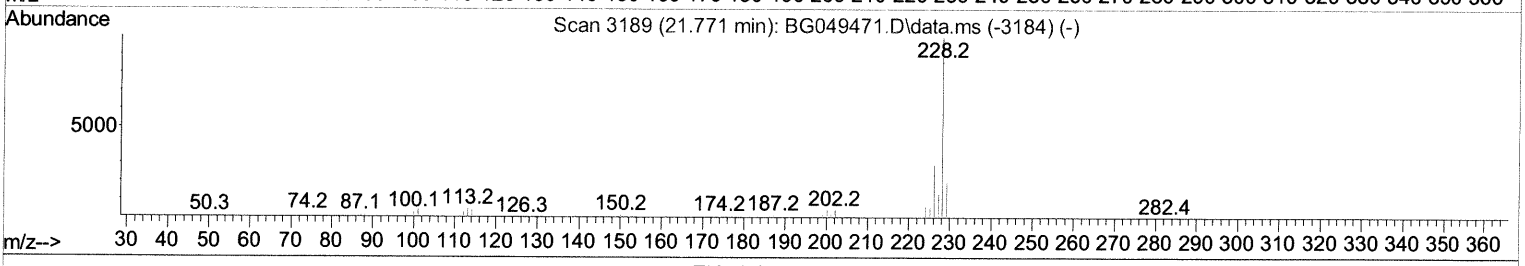

TIC: BG049478.D\data.ms

(87) Chrysene

21.706min (-0.066) 6.36 ng/ul

response 43459

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.80	28.47
229.00	18.60	20.99
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 26 15:22:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0016

Manual Integrations APPROVED
mohammad
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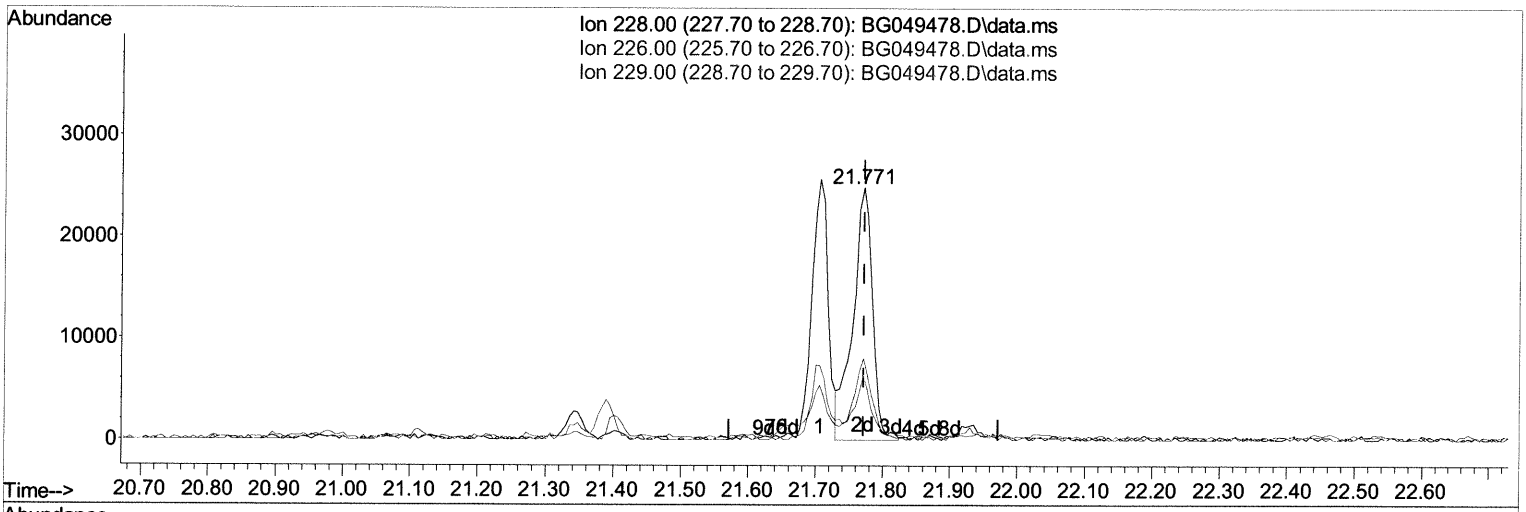

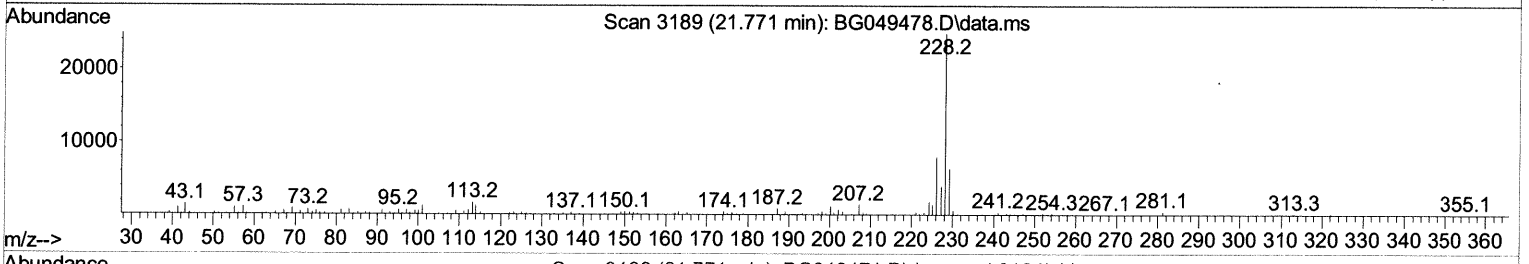

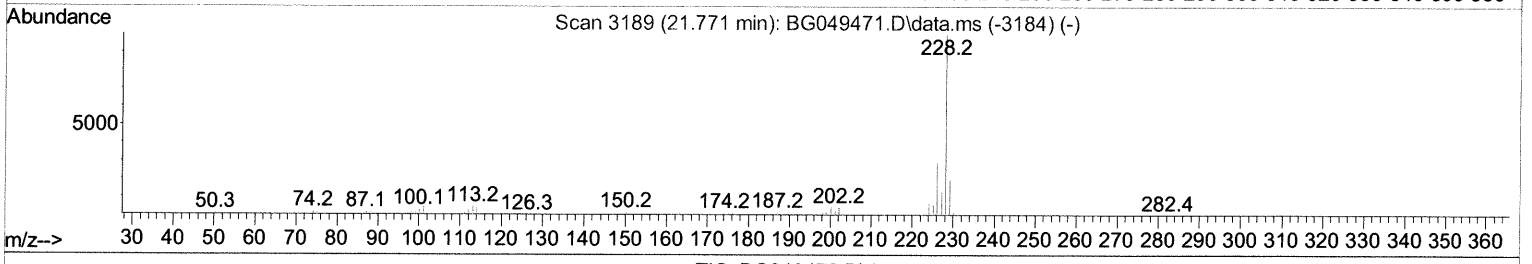

TIC: BG049478.D\data.ms

(87) Chrysene

21.771min (-0.001) 7.35 ng/ul m 07/29/21 JU

response 50237

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.80	32.40
229.00	18.60	25.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049478.D
Acq On : 26 Jul 2021 14:31
Operator : CG/JU
Sample : M3082-18
Misc :
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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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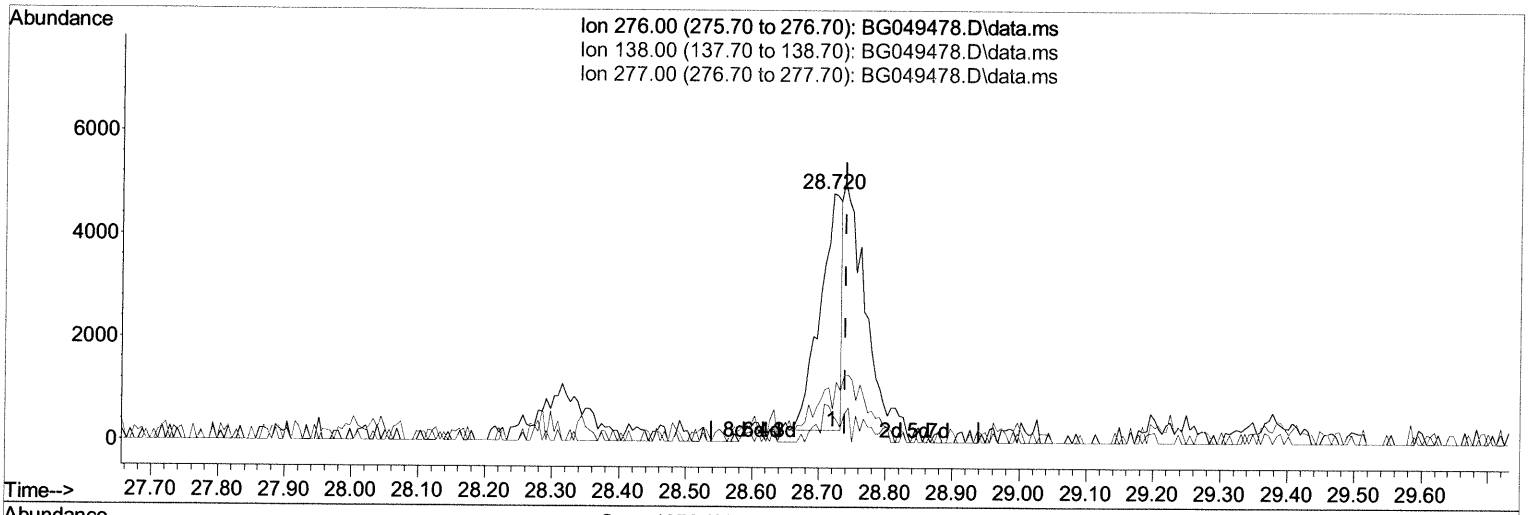

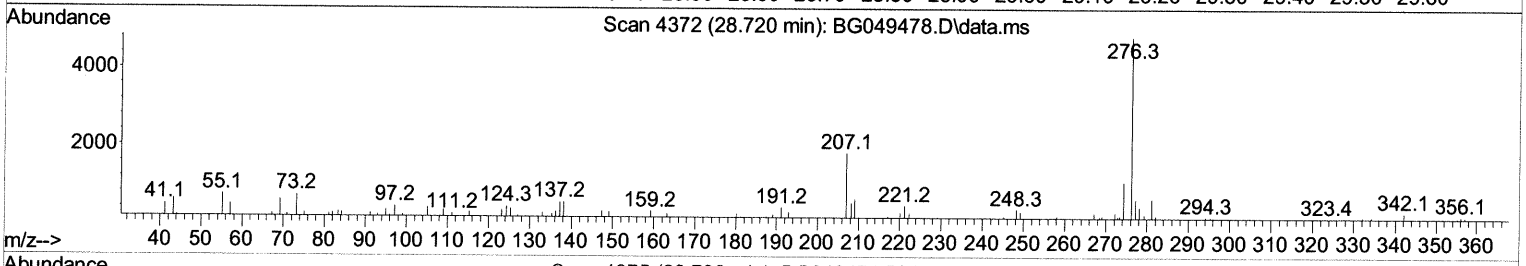

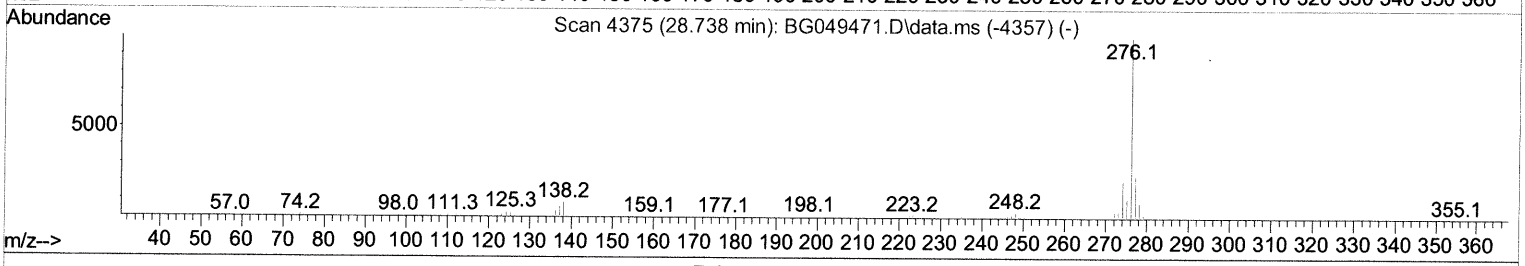

TIC: BG049478.D\data.ms

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

28.720min (-0.019) 1.24 ng/ul

response 10454

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	11.02#
277.00	24.00	13.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
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Acq On : 26 Jul 2021 14:31
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BNA_G
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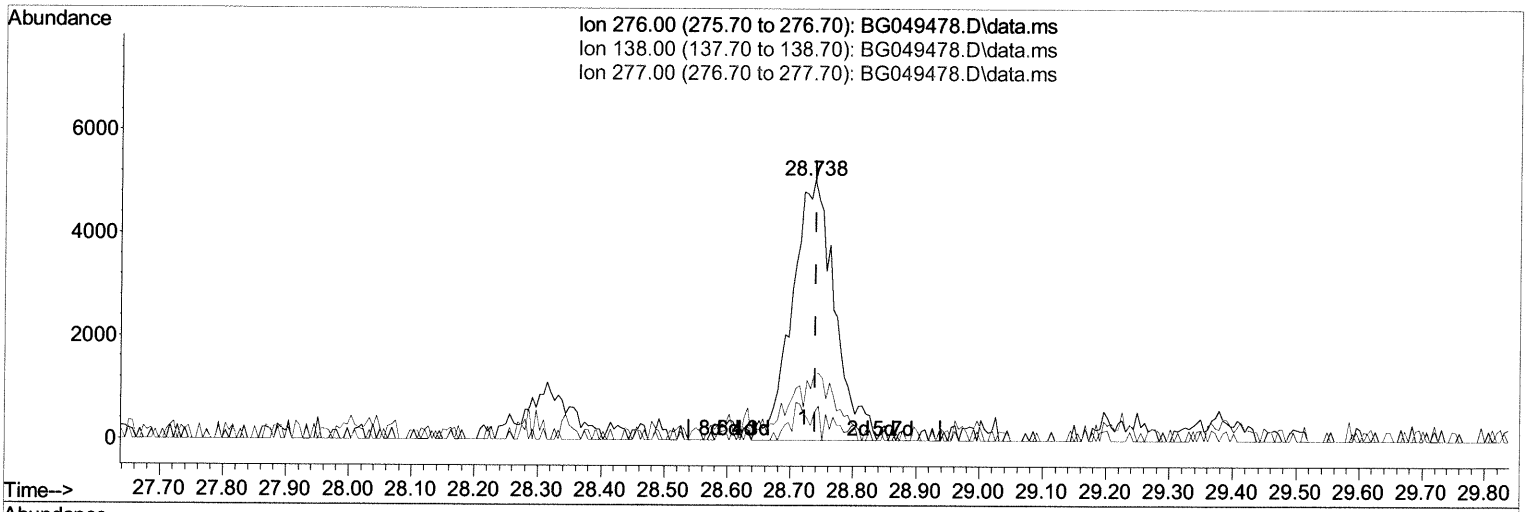
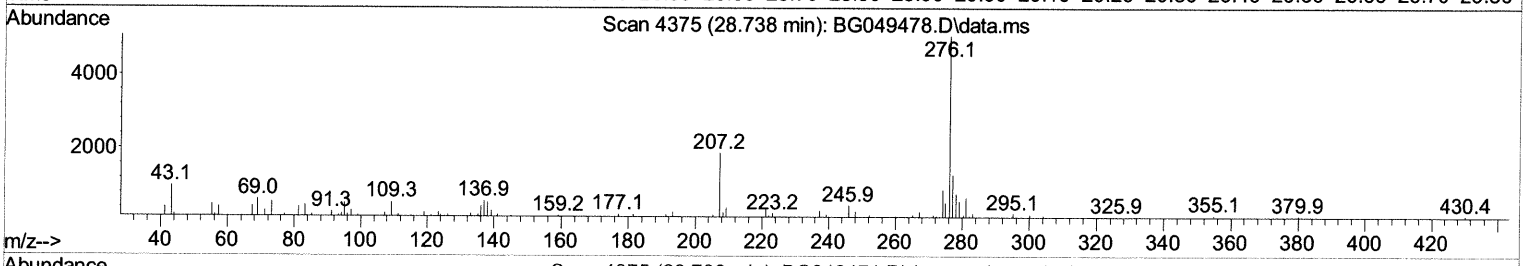
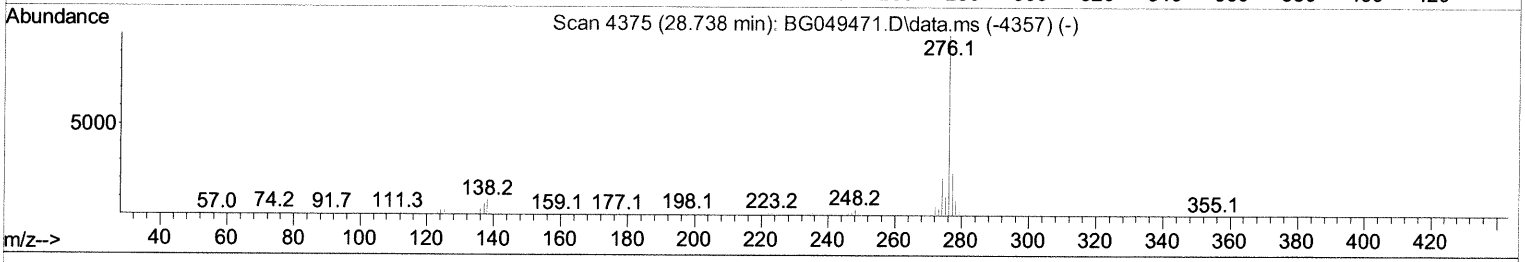
Manual Integrations APPROVED
mohammad
7/27/2021 12:06:30 PM







TIC: BG049478.D\data.ms

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

28.738min (-0.001) 2.80 ng/ul m 07/29/21 JU

response 23699

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	10.48
277.00	24.00	25.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049478.D
Acq On : 26 Jul 2021 14:31
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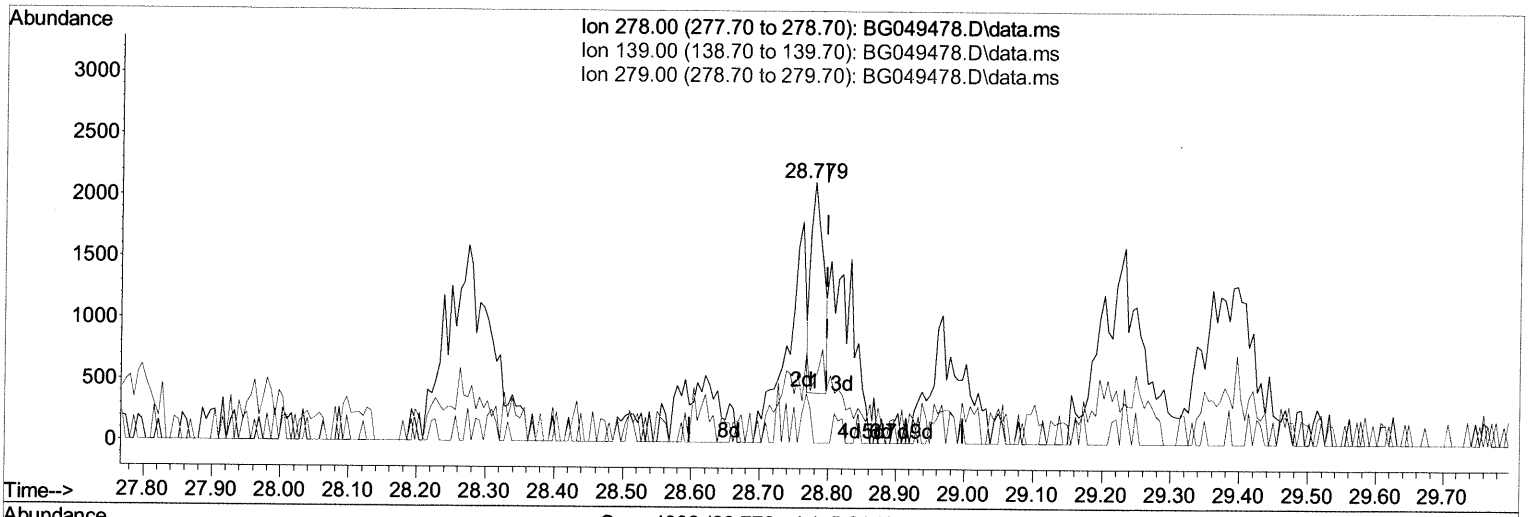

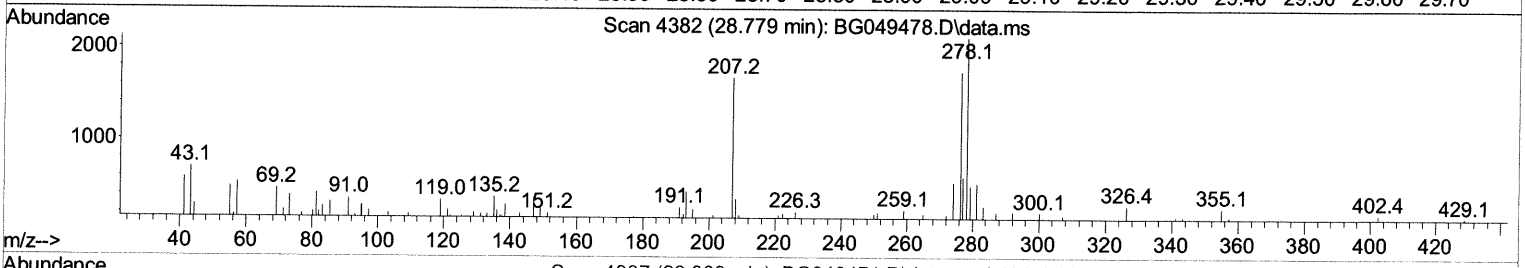

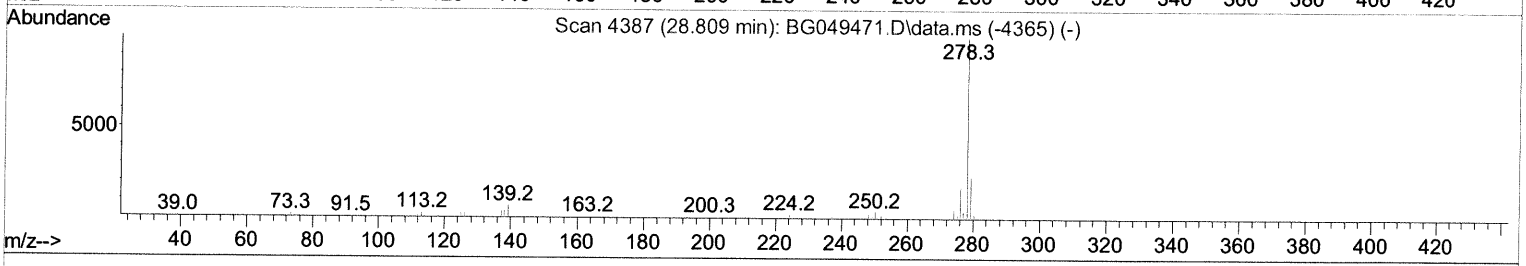

TIC: BG049478.D\data.ms

(95) Dibenzo(a,h)anthracene

28.779min (-0.019) 0.31 ng/ul

response 2205

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.50	0.00#
279.00	24.60	23.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
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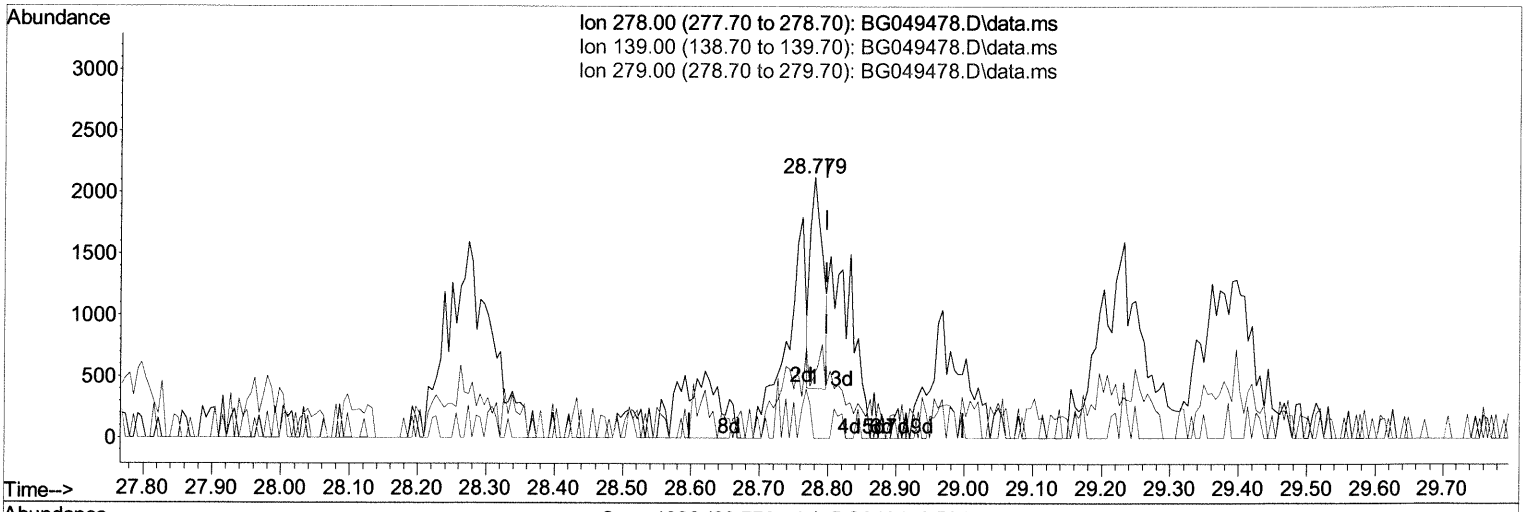

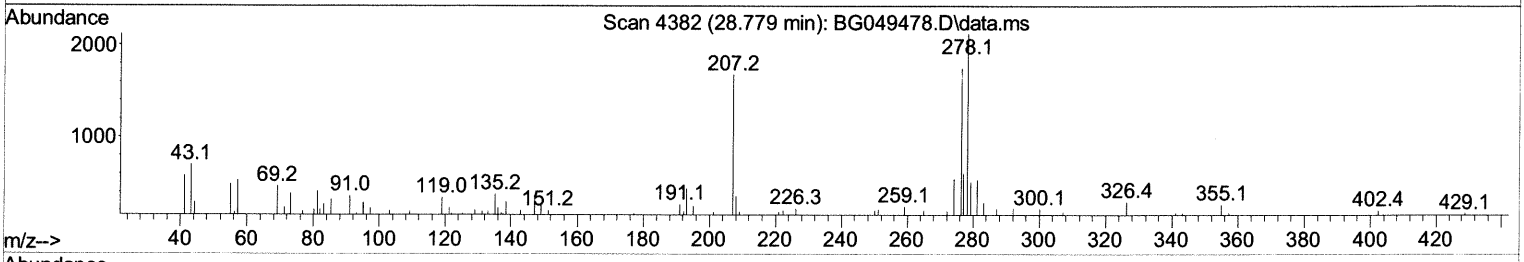

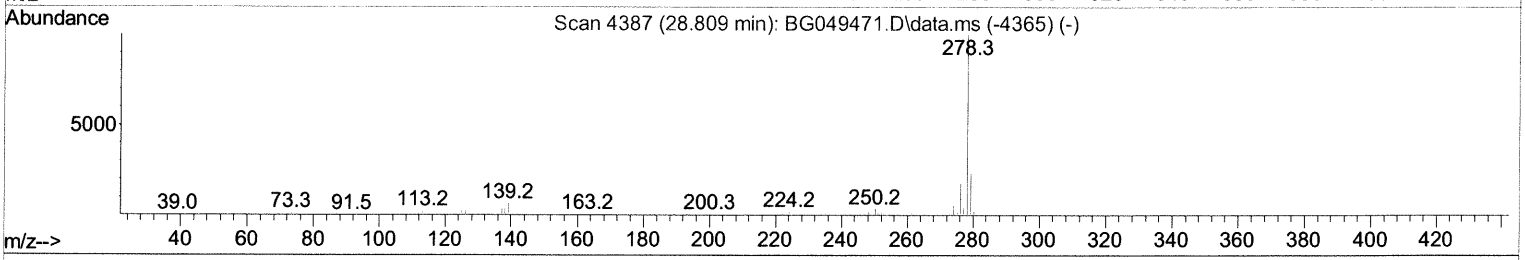

TIC: BG049478.D\data.ms

(95) Dibenzo(a,h)anthracene

28.779min (-0.019) 0.31 ng/ul

response 2205

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.50	0.00#
279.00	24.60	23.88
0.00	0.00	0.00

Quantitation Report (Qedit)

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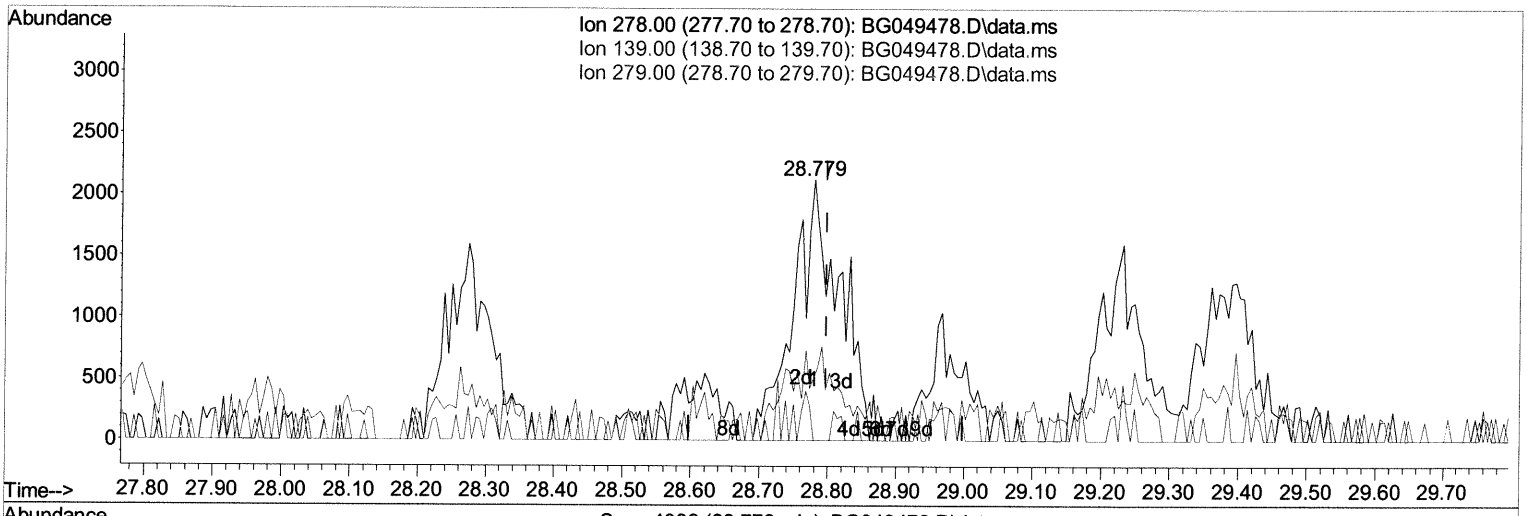

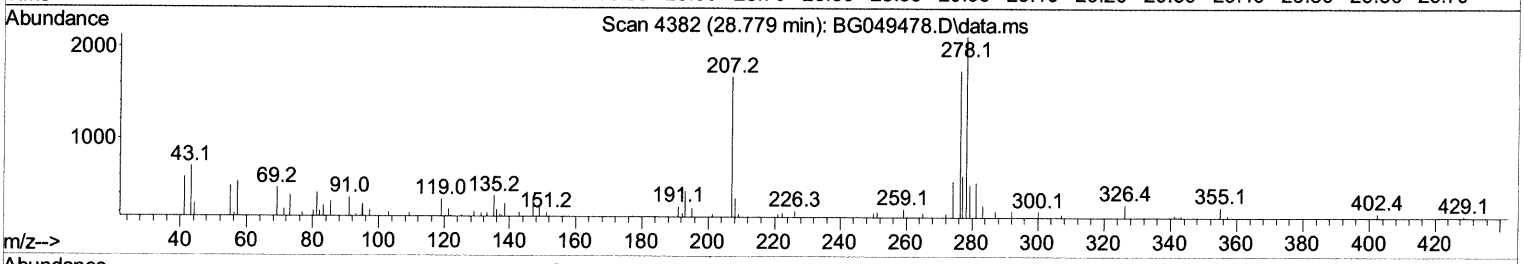

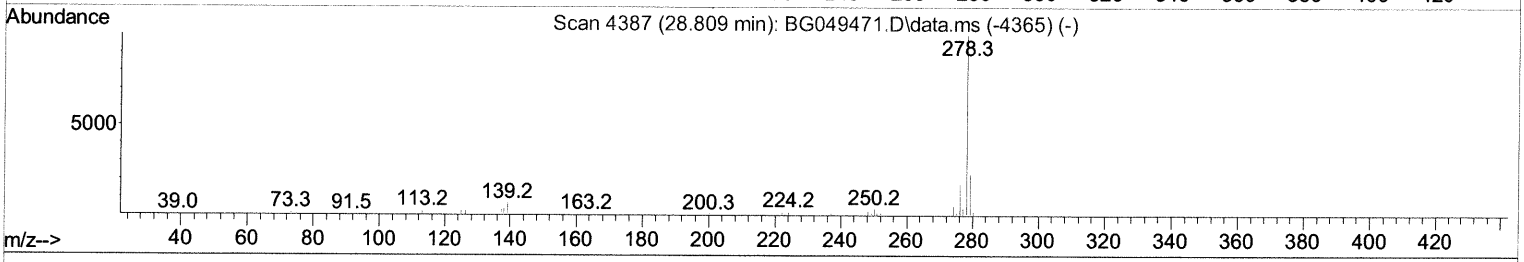

TIC: BG049478.D\data.ms

(95) Dibenzo(a,h)anthracene

28.779min (-0.019) 1.41 ng/ul m 07/29/21 JU

response 9849

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	8.50	0.00#
279.00	24.60	23.88
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049478.D
Acq On : 26 Jul 2021 14:31
Operator : CG/JU
Sample : M3082-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 26 15:22:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C0016

Manual Integrations APPROVED
mohammad
7/27/2021 12:06:30 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.048	152	22493	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	95212	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	62034	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	127359	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	116765	20.000	ng/ul	# 0.00
88) Perylene-d12	24.996	264	121943	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	1956	3.978	ng/uL	0.00
4) Pyridine-d5	3.872	84	13788m	9.764	ng/ul	0.02 07/29/21 JU
7) Phenol-d5	7.202	99	43905	22.062	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	26287	23.323	ng/ul	0.00
11) 2-Chlorophenol-d4	7.578	132	32627	22.872	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	30158	20.105	ng/ul	0.00
21) Nitrobenzene-d5	9.217	128	17236	23.546	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	20747	24.186	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	34703	22.244	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	28212	12.975	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	122203	25.717	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	137086	24.838	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	16506	21.093	ng/ul	0.00
60) Fluorene-d10	15.685	176	103323	25.239	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	17898	22.678	ng/ul	0.00
73) Anthracene-d10	17.547	188	149857	25.317	ng/ul	0.00
81) Pyrene-d10	19.832	212	133767	22.404	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.767	264	93063	14.520	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.488	178	34370	5.184	ng/ul	95
74) Anthracene	17.577	178	15367m	2.287	ng/ul	07/29/21 JU
80) Fluoranthene	19.497	202	89911	12.402	ng/ul#	98
82) Pyrene	19.862	202	58613	8.143	ng/ul#	97
85) Benzo(a)anthracene	21.706	228	43778	6.132	ng/ul	96
87) Chrysene	21.771	228	50237m	7.352	ng/ul	07/29/21 JU
90) Benzo(b)fluoranthene	23.956	252	66742	8.732	ng/ul#	91
91) Benzo(k)fluoranthene	24.021	252	22455	3.002	ng/ul#	94
93) Benzo(a)pyrene	24.843	252	21790	3.286	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.738	276	23699m	2.801	ng/ul	
95) Dibenzo(a,h)anthracene	28.779	278	9849m	1.407	ng/ul	07/29/21 JU

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