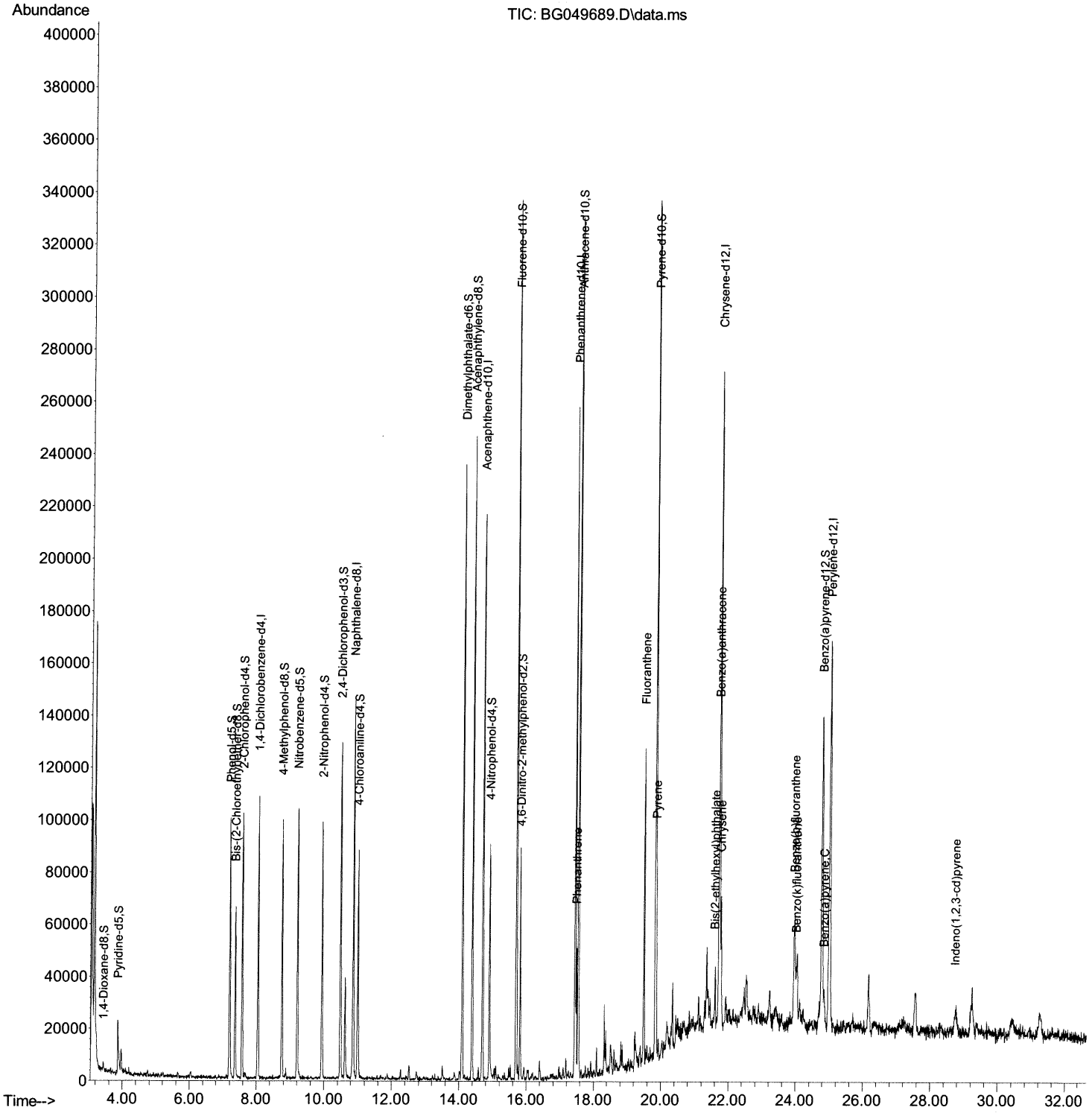
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049689.D
Acq On : 6 Aug 2021 23:58
Operator : CG/JU
Sample : M3124-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 07 01:49:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0085

Manual Integrations APPROVED
mohammad
8/9/2021 12:09:48 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049689.D
Acq On : 6 Aug 2021 23:58
Operator : CG/JU
Sample : M3124-02
Misc :
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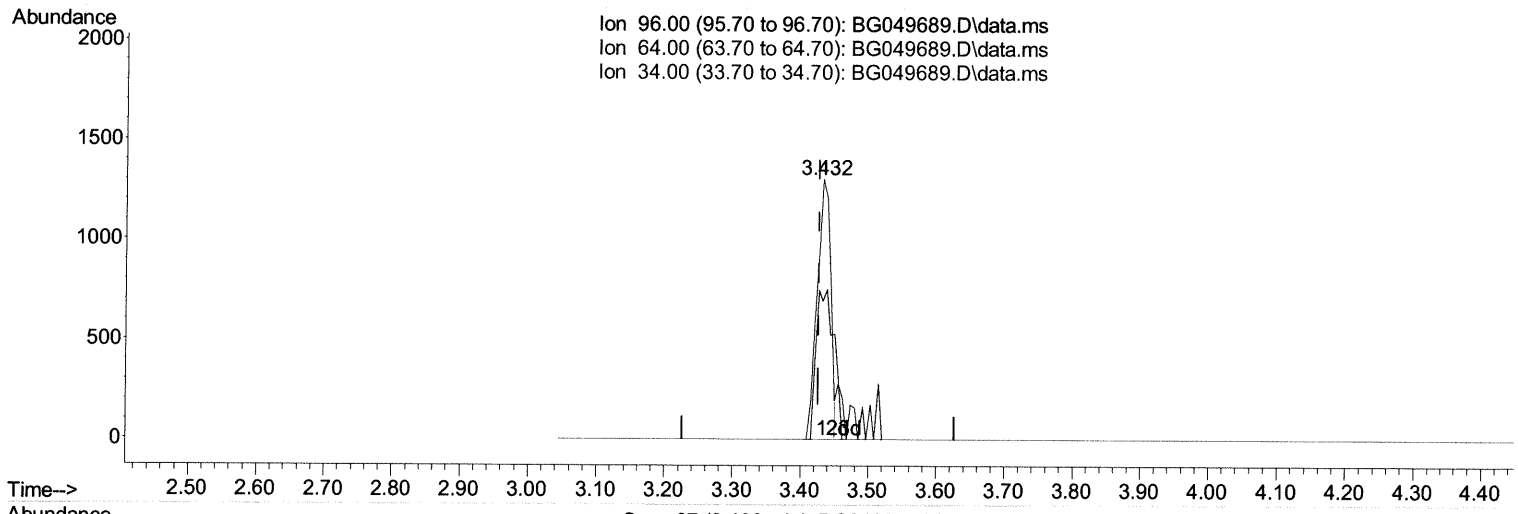
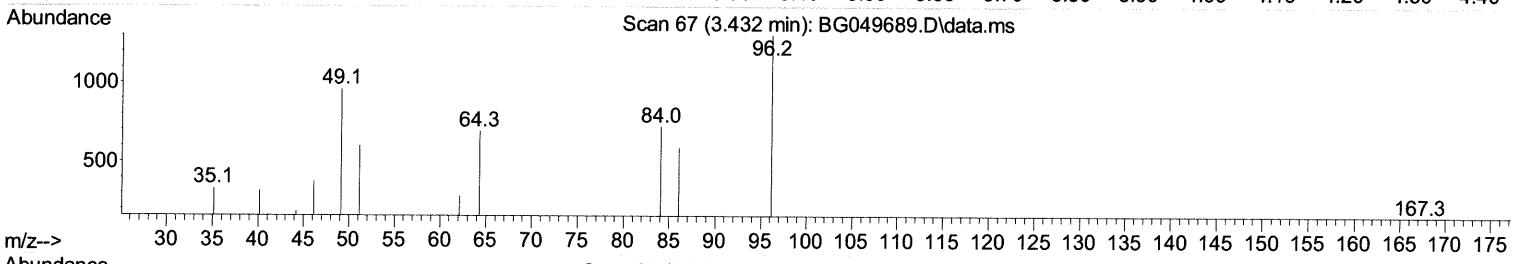
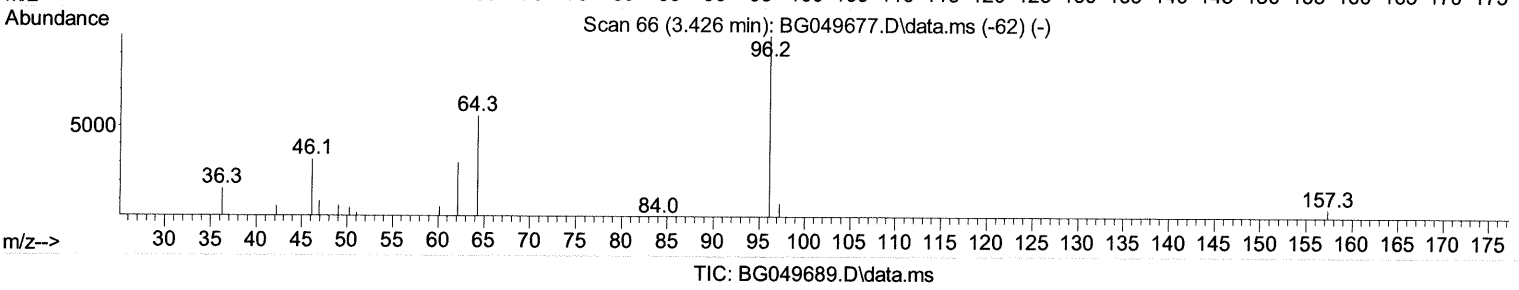
Manual Integrations APPROVED
mohammad
8/9/2021 12:09:48 PM







TIC: BG049689.D\data.ms

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

3.432min (+ 0.006) 2.96 ng/uL

response 1833

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	53.10#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
ClientSampleId :
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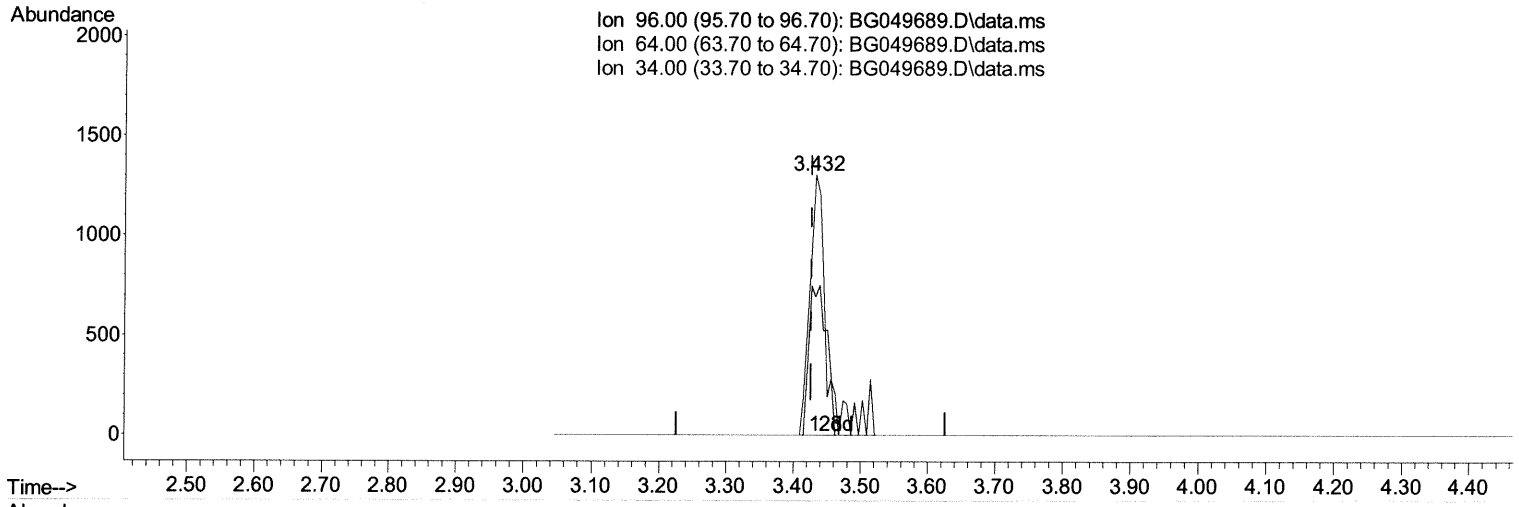
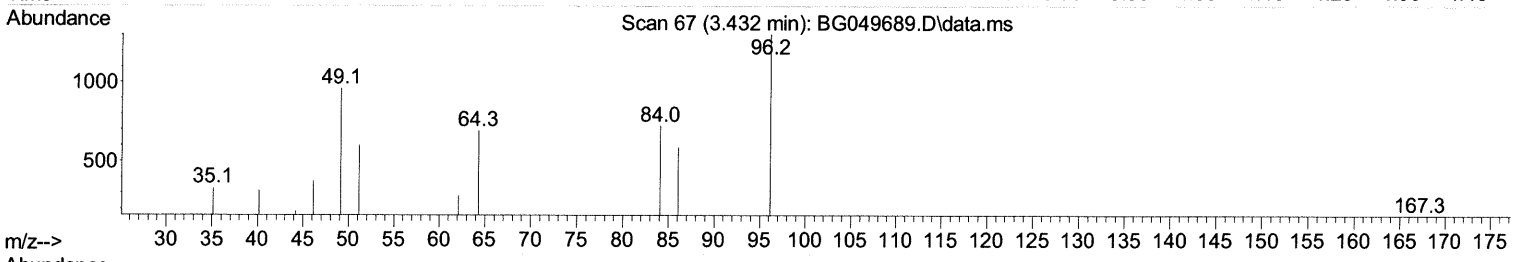
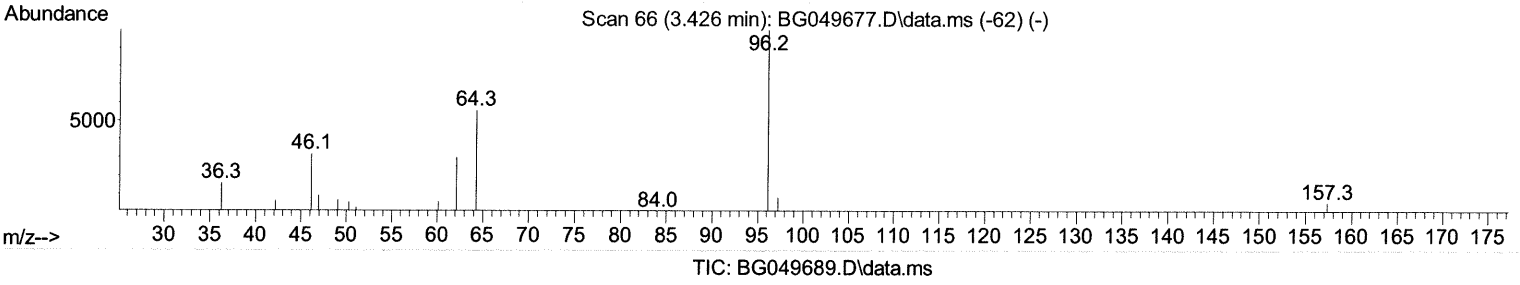
Manual Integrations APPROVED
mohammad
8/9/2021 12:09:48 PM







TIC: BG049689.D\data.ms

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

3.432min (+ 0.006) 3.24 ng/uL m 08/11/21 JU

response 2004

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	53.10#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049689.D
Acq On : 6 Aug 2021 23:58
Operator : CG/JU
Sample : M3124-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 07 01:49:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
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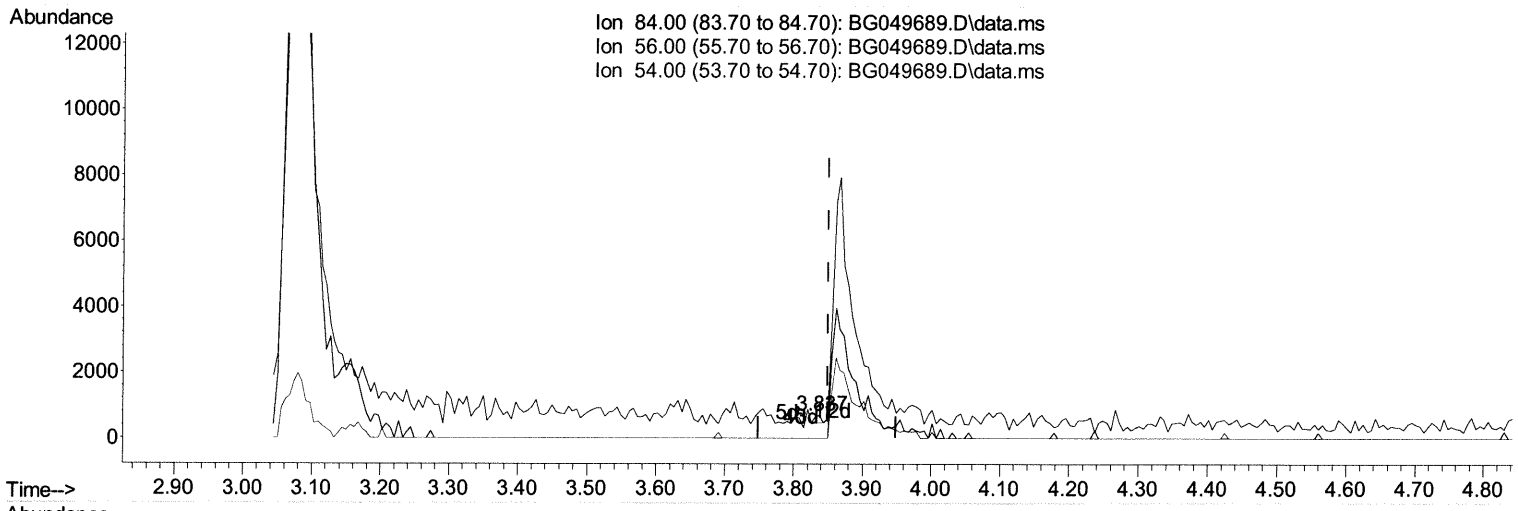
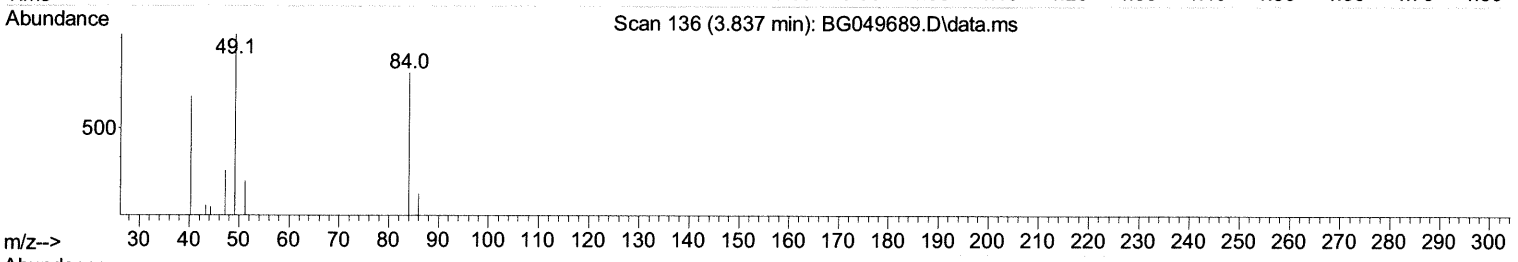
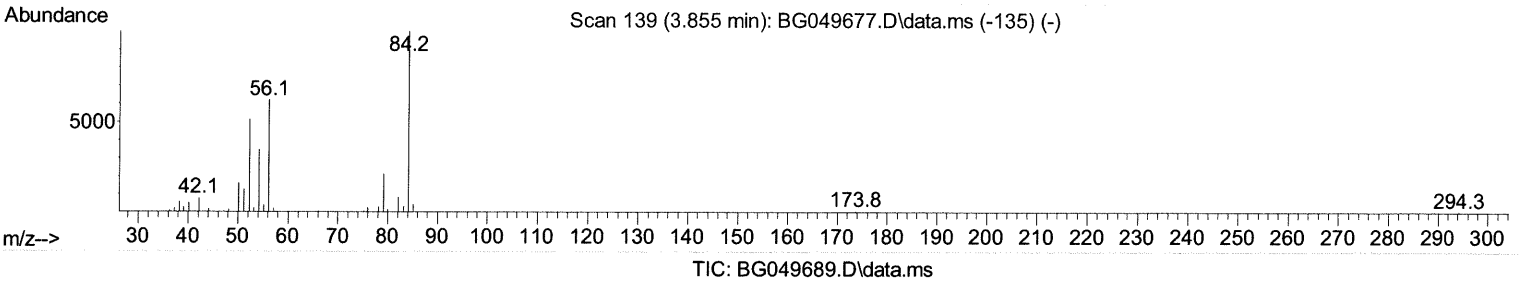
Instrument :
BNA_G
ClientSampleId :
C0085

Manual Integrations APPROVED
mohammad
8/9/2021 12:09:48 PM







TIC: BG049689.D\data.ms

(4) Pyridine-d5 (S)

3.837min (-0.011) 0.08 ng/ul

response 149

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	0.00#
54.00	36.30	0.00#
0.00	0.00	0.00

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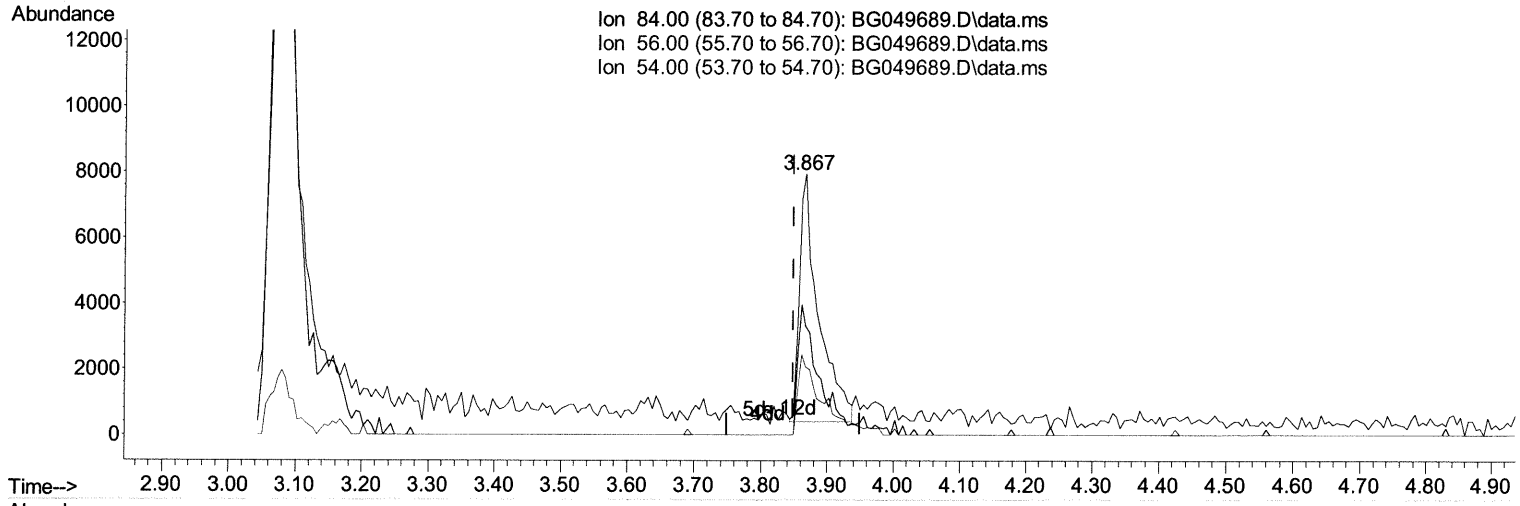
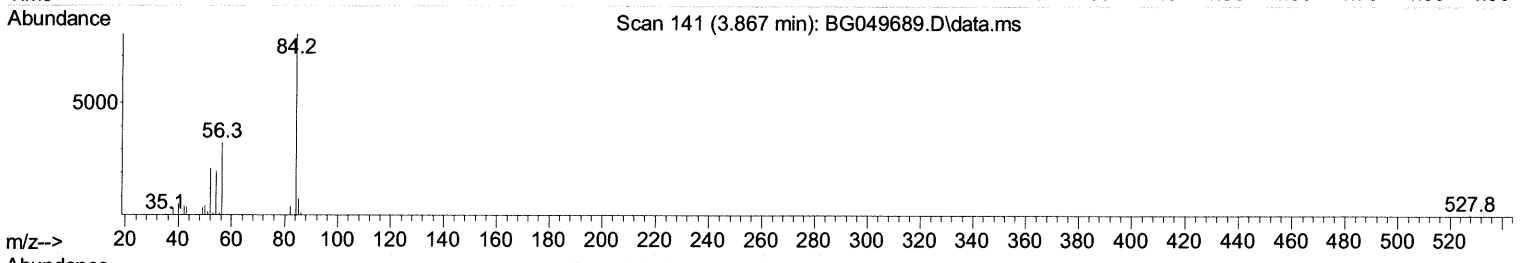
Data File : BG049689.D
Acq On : 6 Aug 2021 23:58
Operator : CG/JU
Sample : M3124-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

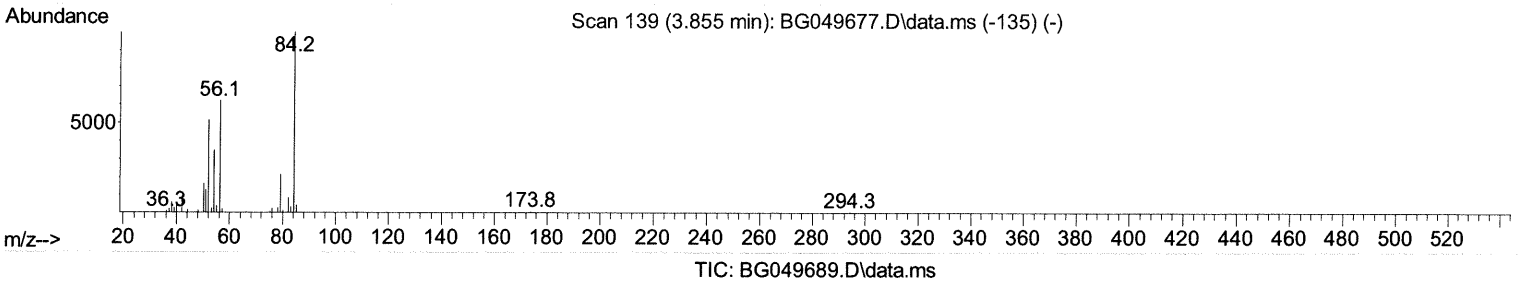
Quant Time: Aug 07 01:49:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0085

Manual Integrations APPROVED
mohammad
8/9/2021 12:09:48 PM







TIC: BG049689.D\data.ms

(4) Pyridine-d5 (S)

3.867min (+ 0.018) 8.20 ng/ul m 08/11/21 JU

response 15217

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	41.66#
54.00	36.30	26.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG049689.D
Acq On : 6 Aug 2021 23:58
Operator : CG/JU
Sample : M3124-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 07 01:49:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
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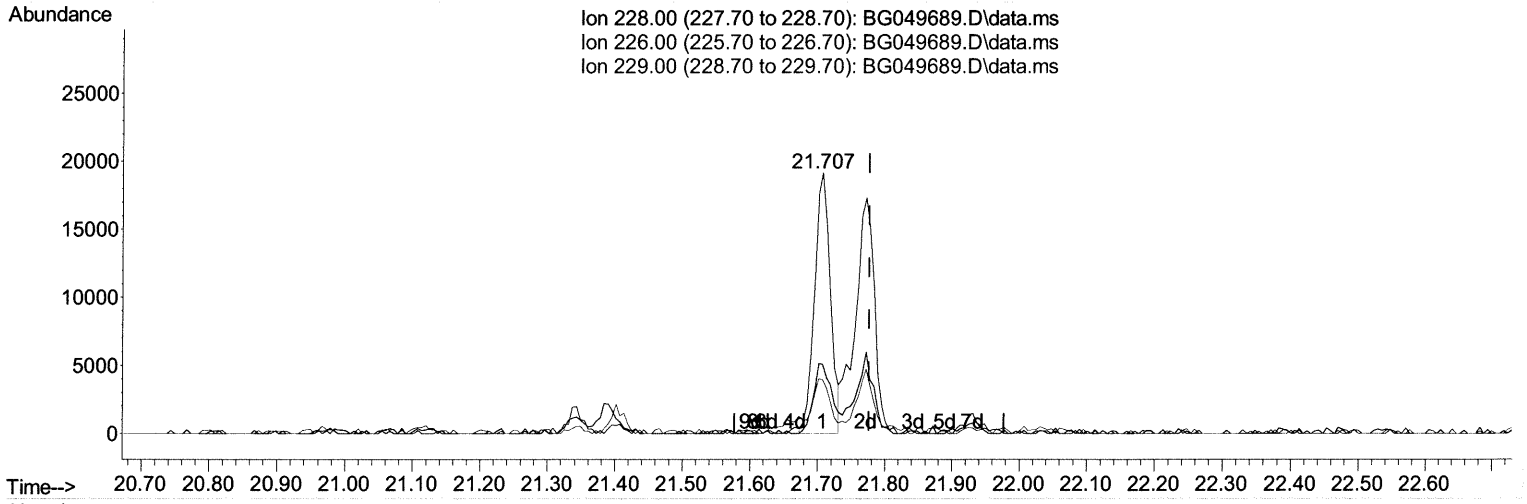
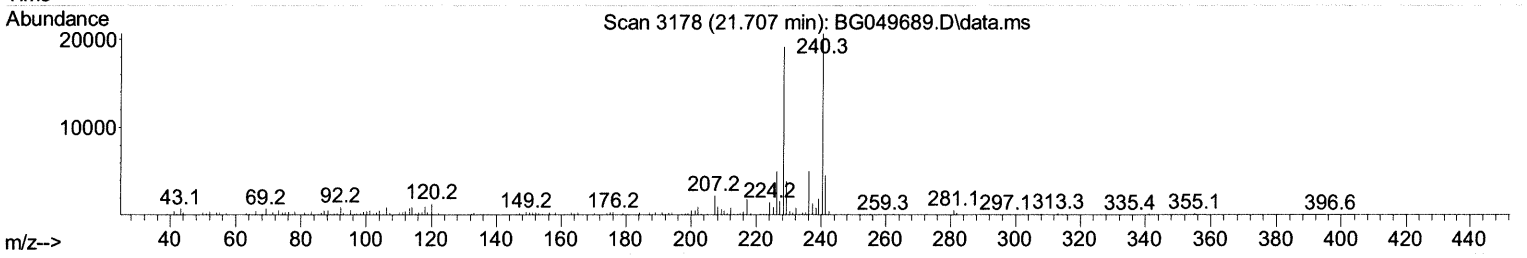
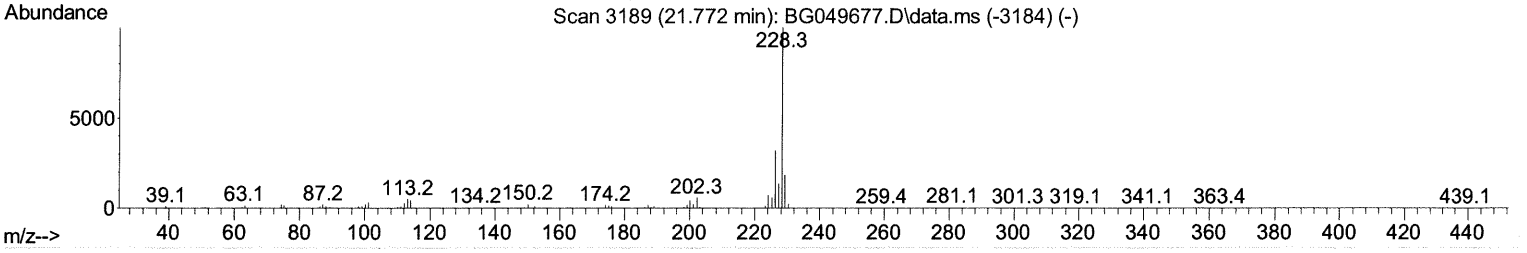
Instrument :
BNA_G
ClientSampleId :
C0085

Manual Integrations APPROVED
mohammad
8/9/2021 12:09:48 PM







TIC: BG049689.D\data.ms

(87) Chrysene

21.707min (-0.070) 3.73 ng/ul

response 31898

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	26.58
229.00	19.30	20.63
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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Quant Time: Aug 07 01:49:38 2021
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Quant Title : SVOA CALIBRATION
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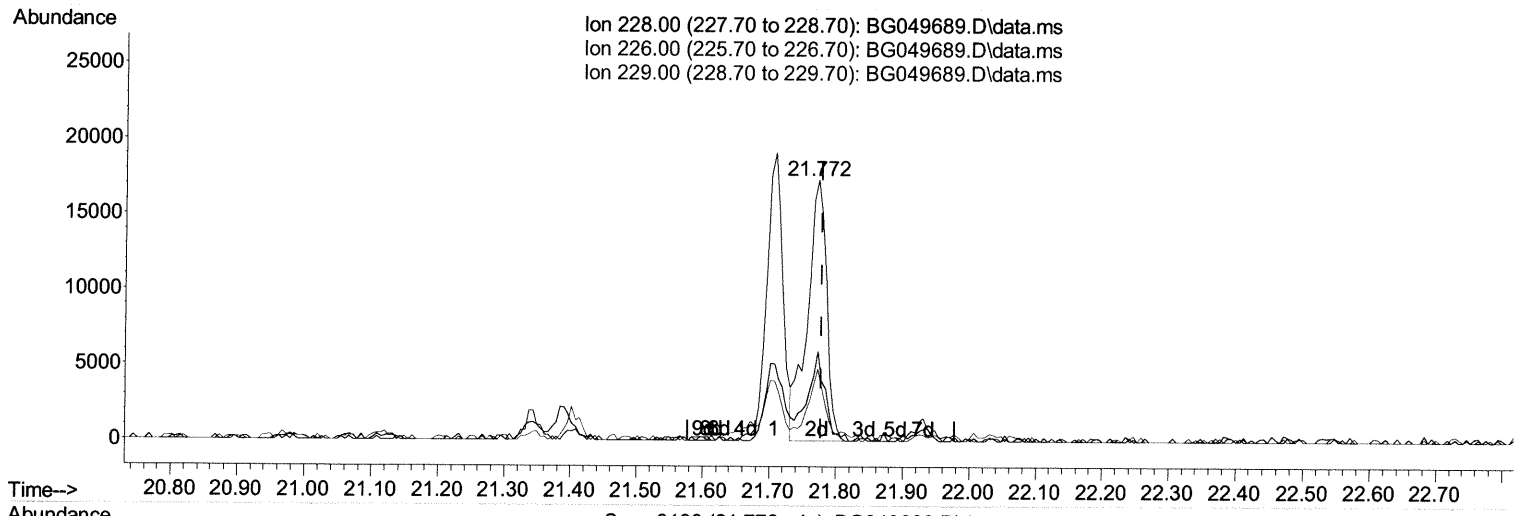
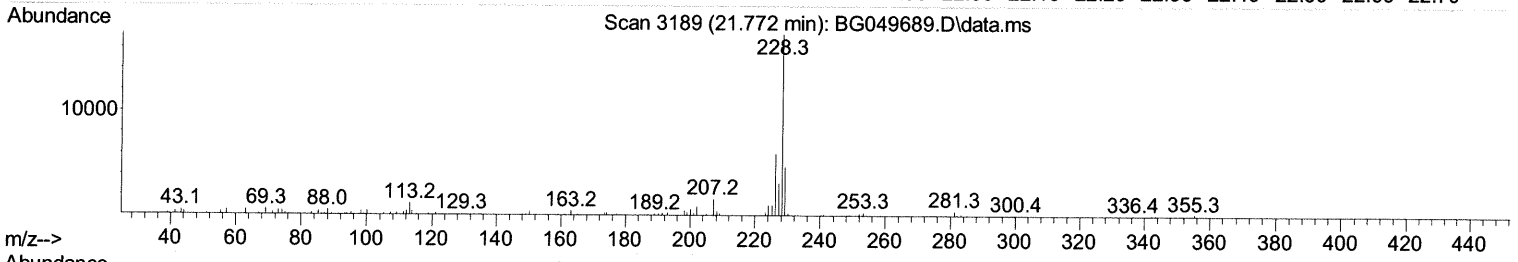
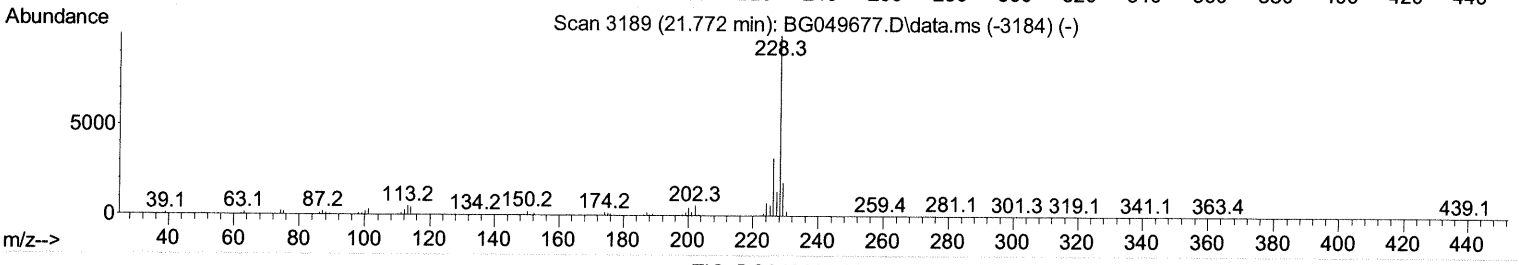
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0085

Manual Integrations APPROVED
mohammad
8/9/2021 12:09:48 PM







TIC: BG049689.D\data.ms

(87) Chrysene

21.772min (-0.005) 4.05 ng/ul m 08/11/2134

response 34648

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	34.42
229.00	19.30	27.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049689.D
Acq On : 6 Aug 2021 23:58
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Sample : M3124-02
Misc :
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Quant Time: Aug 07 01:49:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
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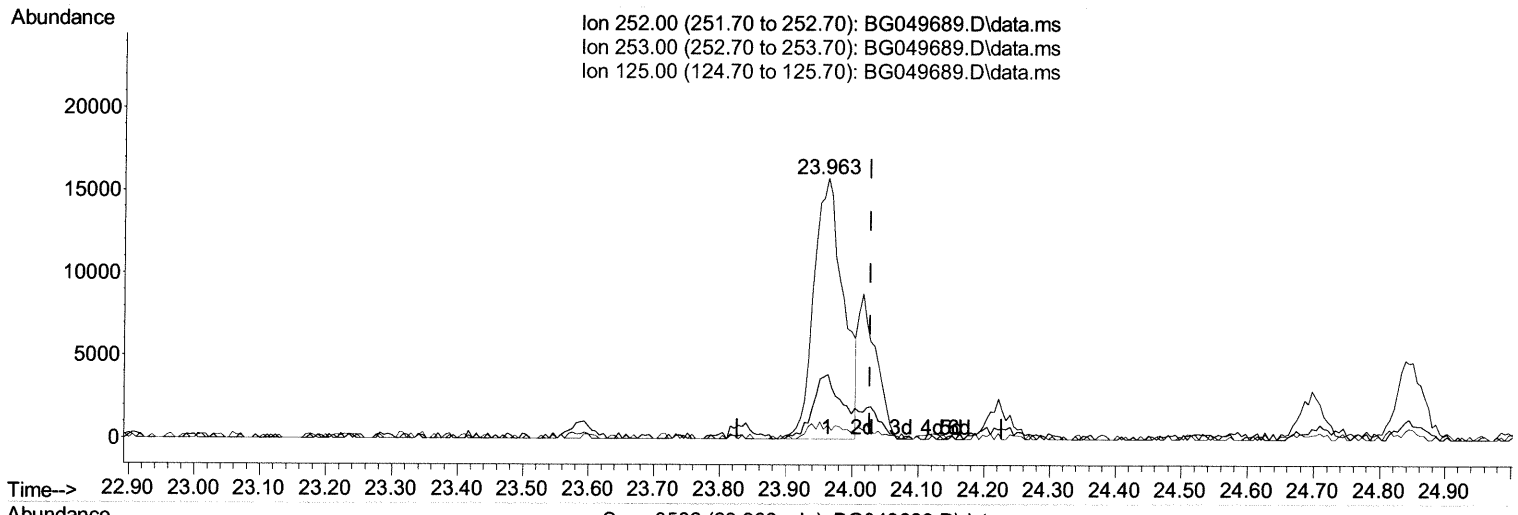
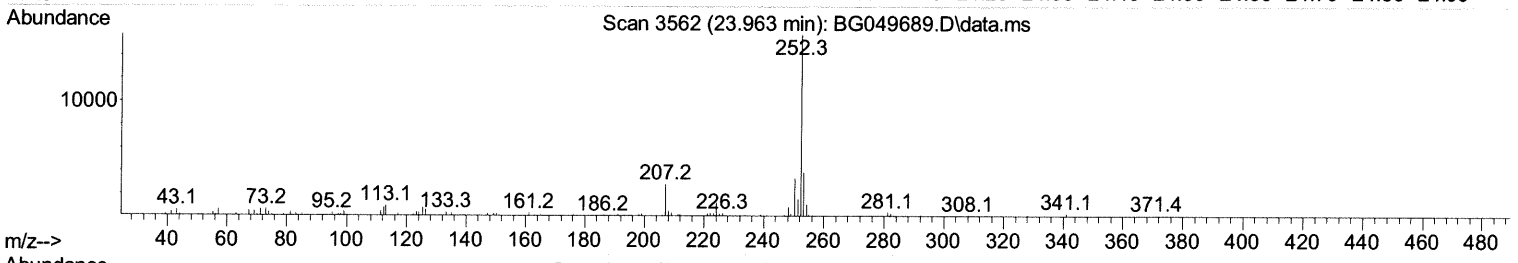
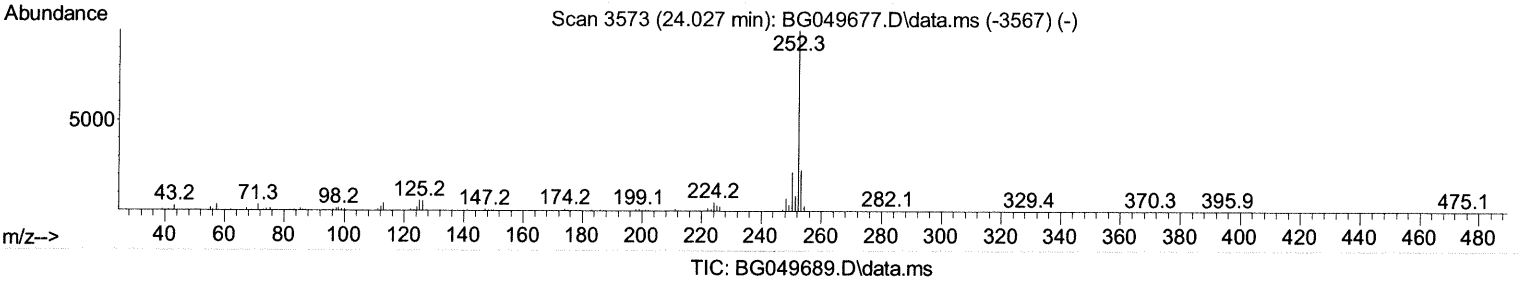
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0085

Manual Integrations APPROVED
mohammad
8/9/2021 12:09:48 PM







TIC: BG049689.D\data.ms

(91) Benzo(k)fluoranthene

23.963min (-0.064) 5.20 ng/ul

response 48845

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	24.73
125.00	4.80	5.23
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
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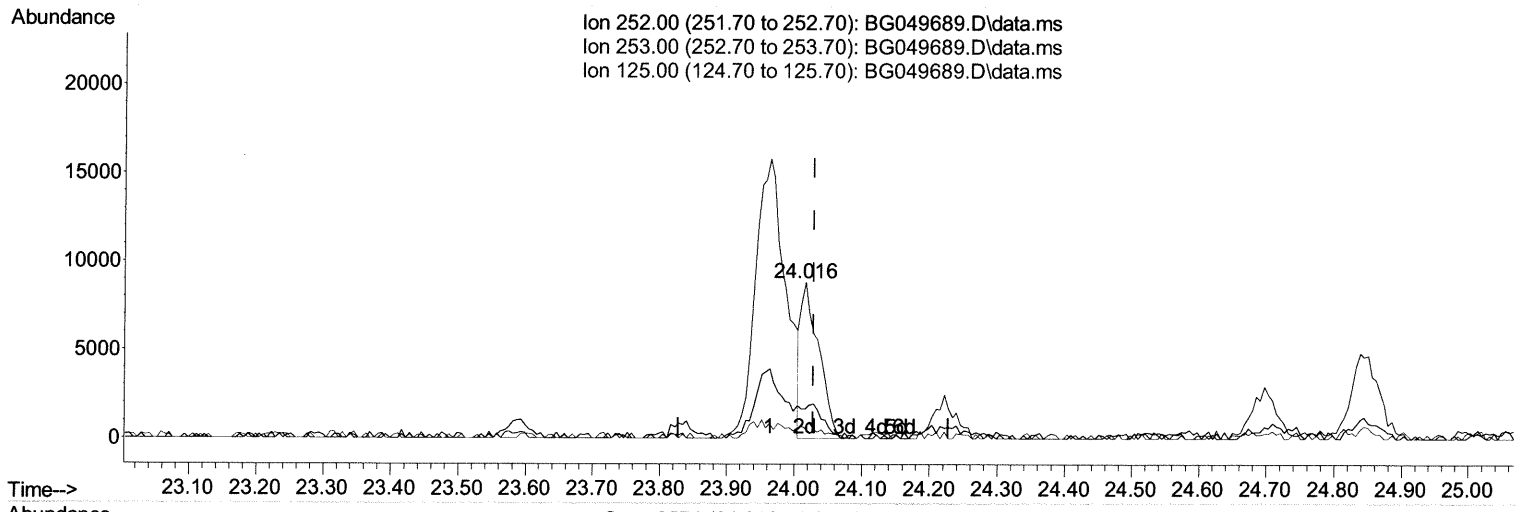
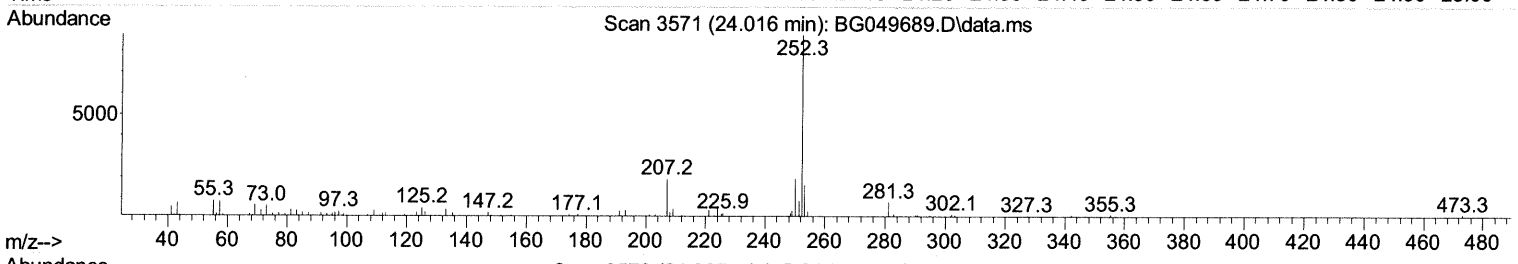
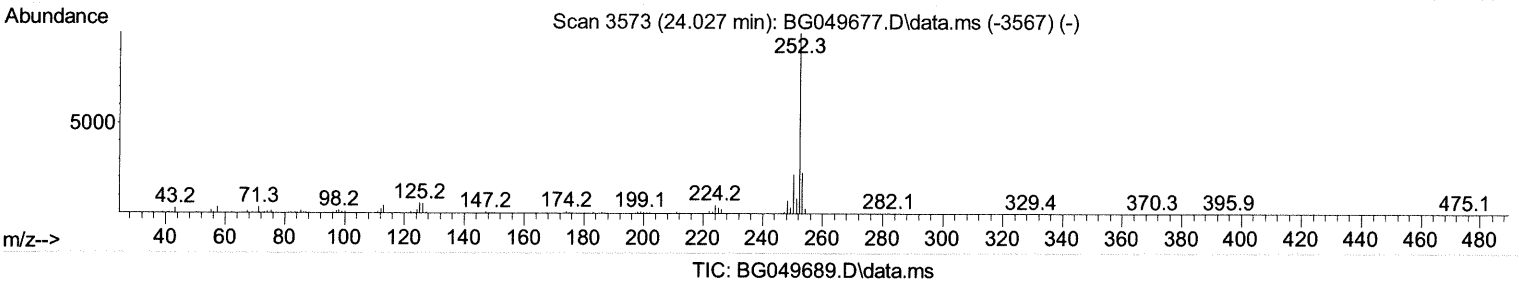
Manual Integrations APPROVED
mohammad
8/9/2021 12:09:48 PM







TIC: BG049689.D\data.ms

(91) Benzo(k)fluoranthene

24.016min (-0.011) 1.73 ng/ul m 08/11/21 JU

response 16213

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	18.64
125.00	4.80	6.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
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Manual Integrations APPROVED
mohammad
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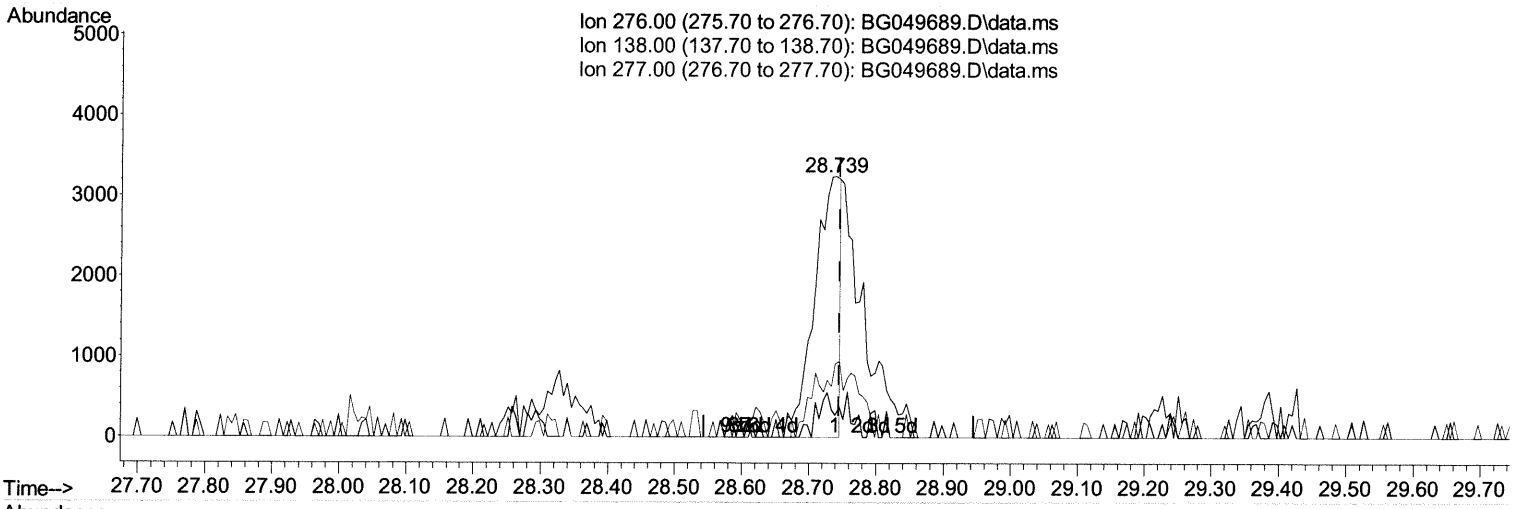

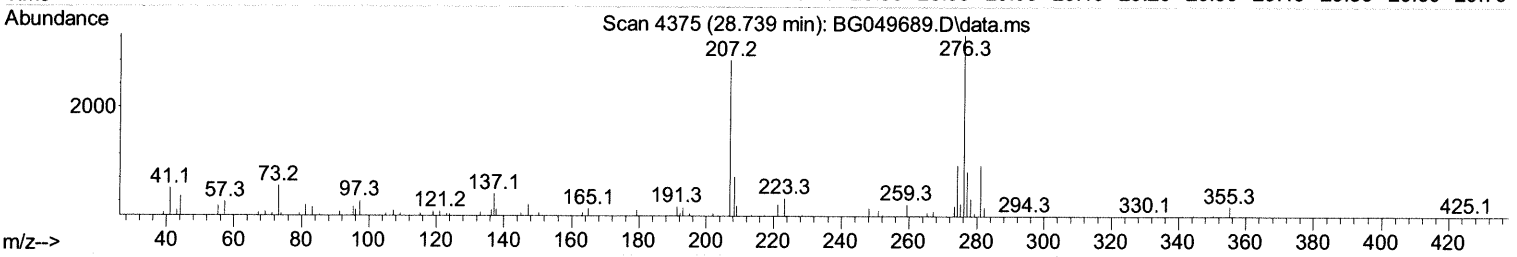

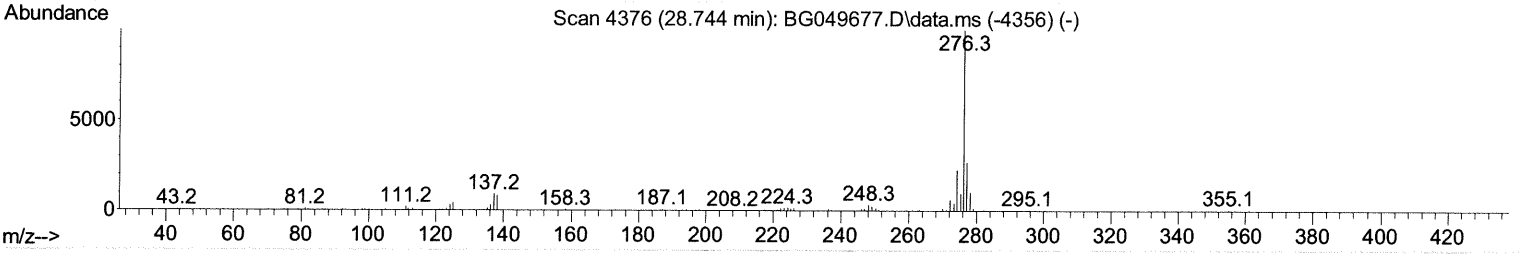

TIC: BG049689.D\data.ms

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

28.739min (-0.005) 0.78 ng/ul

response 8491

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	8.33
277.00	24.30	28.26
0.00	0.00	0.00

Quantitation Report (Qedit)

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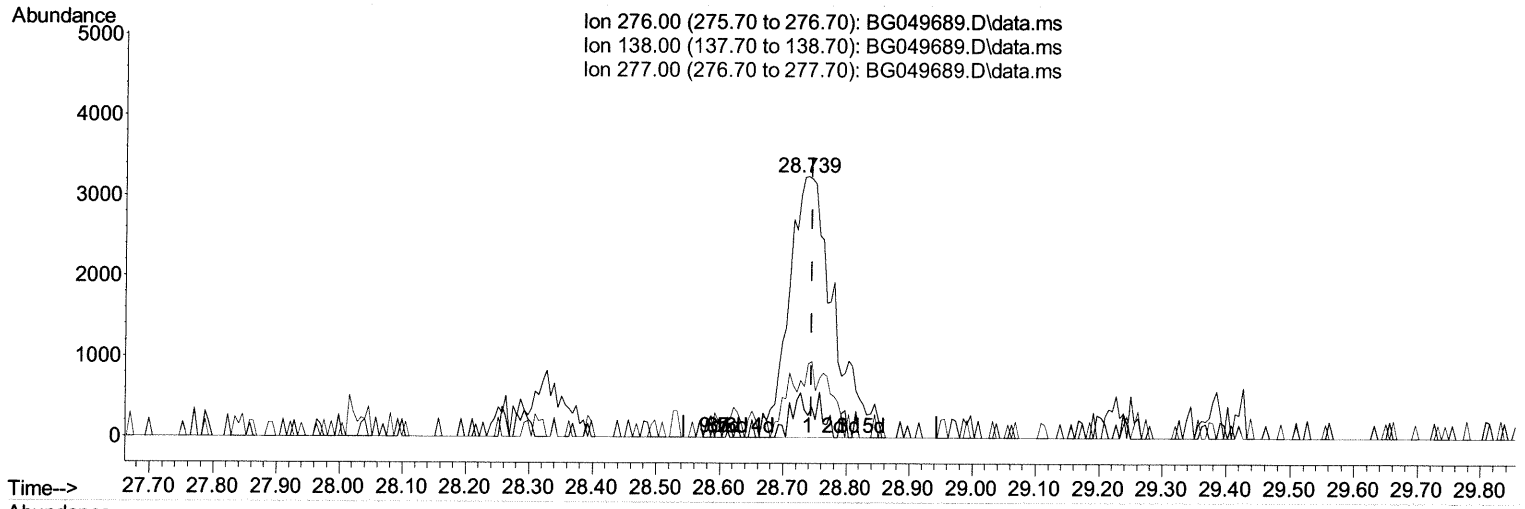

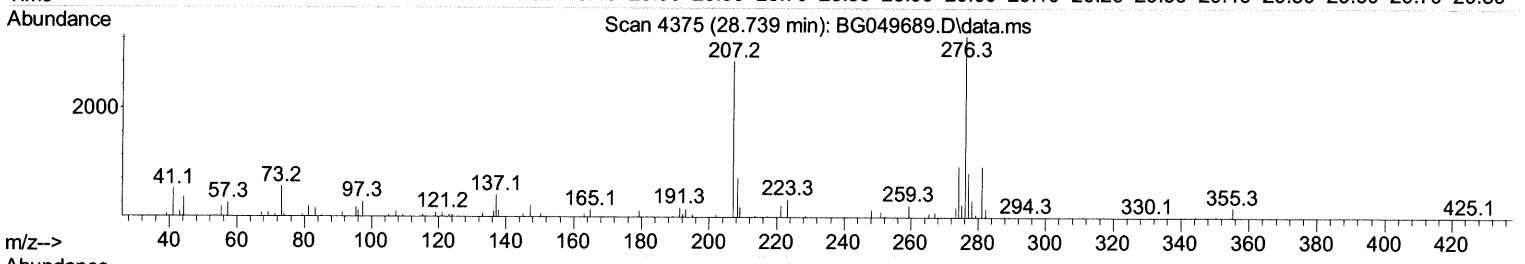

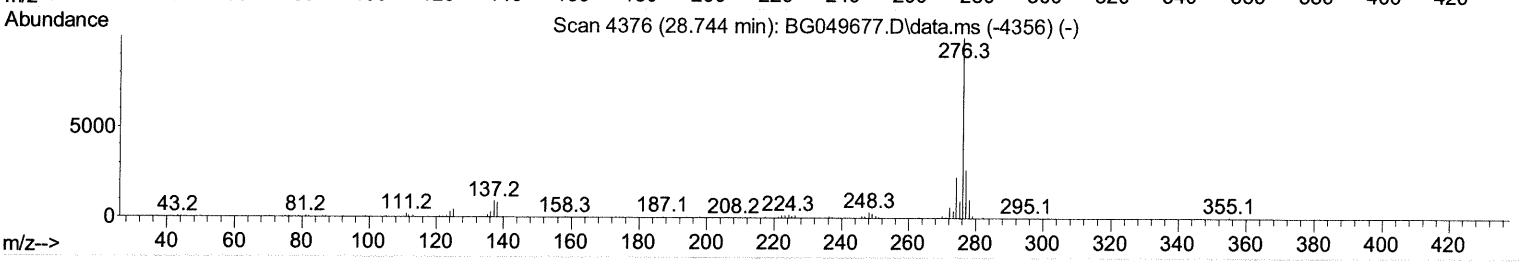

TIC: BG049689.D\data.ms

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

28.739min (-0.005) 1.45 ng/ul m 08/11/21 JU

response 15871

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	8.33
277.00	24.30	28.26
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	28915	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	115015	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	77880	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	158007	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	139533	20.000	ng/ul	0.00
88) Perylene-d12	25.003	264	144622	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	2004m	3.240	ng/uL	0.00
4) Pyridine-d5	3.867	84	15217m	8.199	ng/ul	0.02
7) Phenol-d5	7.203	99	55830	21.275	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	33261	22.066	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	41496	22.093	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	34883	17.434	ng/ul	0.00
21) Nitrobenzene-d5	9.207	128	22796	25.161	ng/ul	0.00
24) 2-Nitrophenol-d4	9.935	143	26975	26.071	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	44496	22.807	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	45135	16.899	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	152836	25.007	ng/ul	0.00
49) Acenaphthylene-d8	14.388	160	174320	23.974	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	20402	20.647	ng/ul	0.00
60) Fluorene-d10	15.686	176	131610	25.052	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	18156	17.073	ng/ul	0.00
73) Anthracene-d10	17.542	188	184507	24.738	ng/ul	0.00
81) Pyrene-d10	19.827	212	178818	23.259	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.774	264	137622	17.367	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.489	178	30914	3.697	ng/ul	96
80) Fluoranthene	19.499	202	73218	7.717	ng/ul#	98
82) Pyrene	19.857	202	41826	4.420	ng/ul#	96
85) Benzo(a)anthracene	21.707	228	31898	3.482	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.596	149	7762	1.469	ng/ul#	95
87) Chrysene	21.772	228	34648m	4.050	ng/ul	
90) Benzo(b)fluoranthene	23.963	252	48845	5.167	ng/ul	95
91) Benzo(k)fluoranthene	24.016	252	16213m	1.727	ng/ul	
93) Benzo(a)pyrene	24.838	252	13581	1.632	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.739	276	15871m	1.453	ng/ul	

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