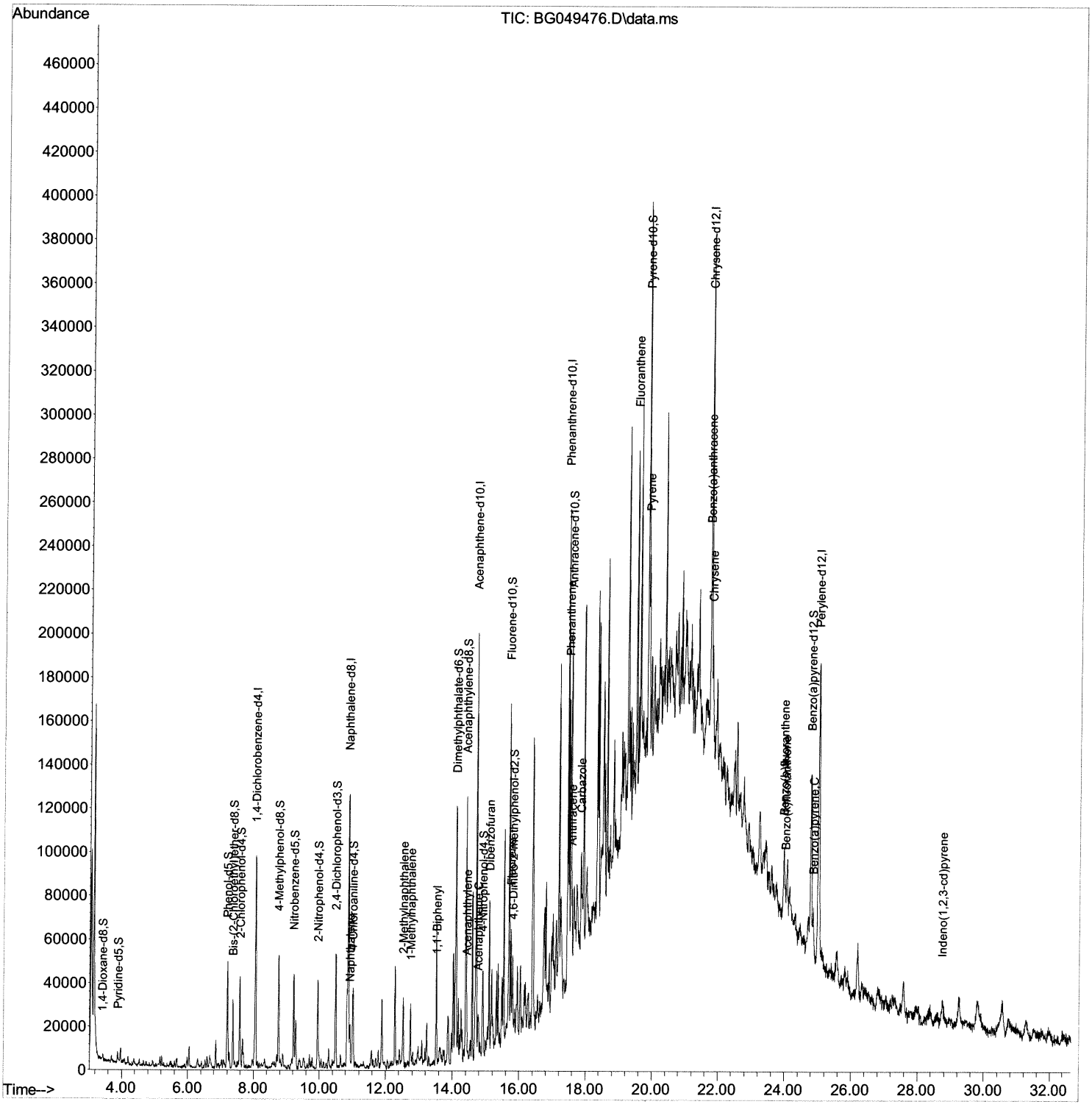
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049476.D
Acq On : 26 Jul 2021 13:08
Operator : CG/JU
Sample : M3082-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 26 13:48:01 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 :
C0003

Manual Integrations APPROVED
mohammad
7/27/2021 12:06:20 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049475.D
Acq On : 26 Jul 2021 12:20
Operator : CG/JU
Sample : M2995-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 26 12:56:46 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 :
C0003

Manual Integrations APPROVED
mohammad
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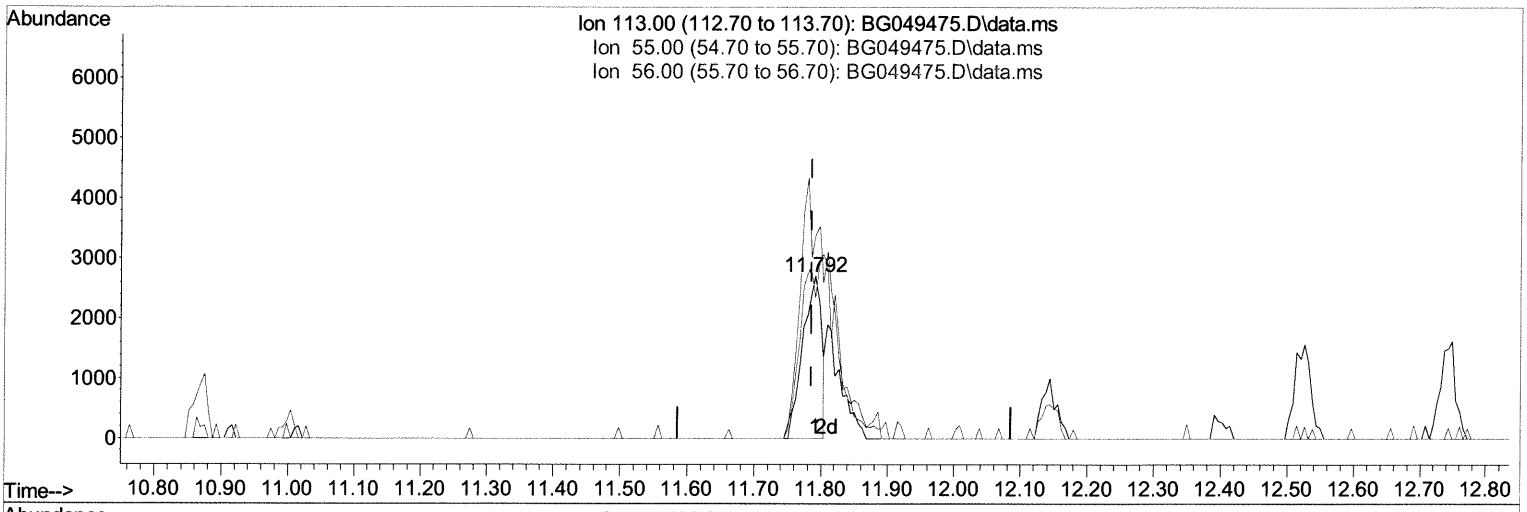

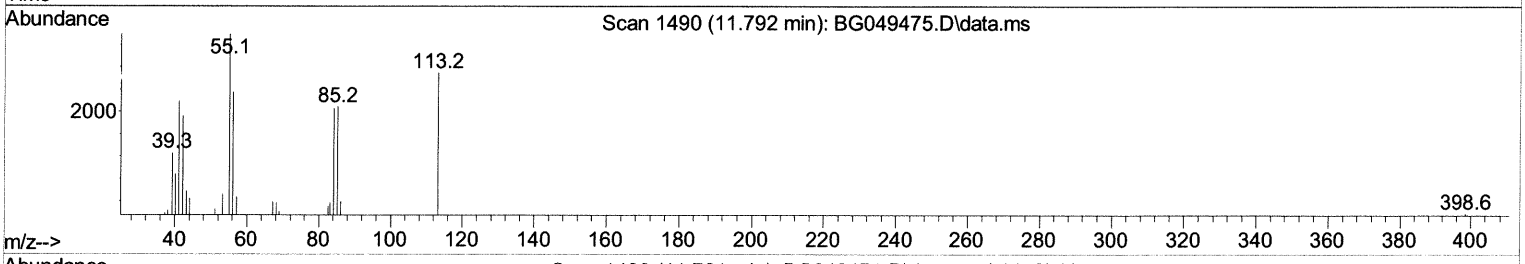

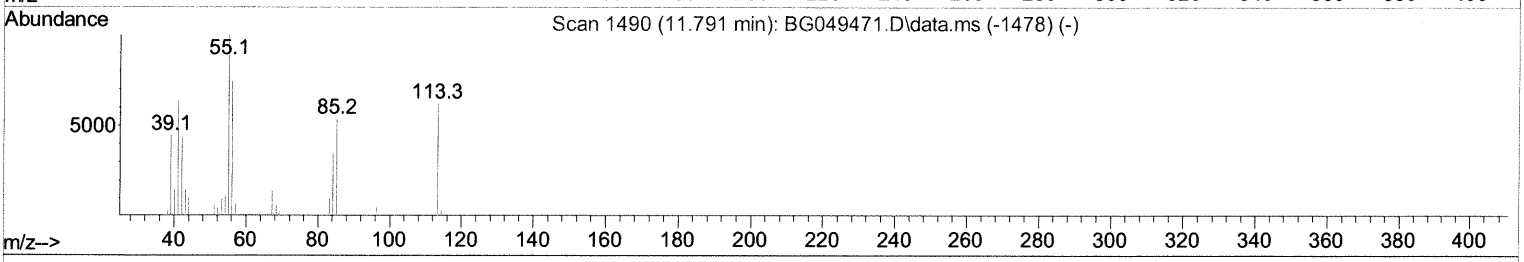

TIC: BG049475.D\data.ms

(34) Caprolactam

11.792min (+ 0.006) 9.36 ng/ul

response 5260

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	125.37
56.00	118.80	87.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049475.D
Acq On : 26 Jul 2021 12:20
Operator : CG/JU
Sample : M2995-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 26 12:56:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
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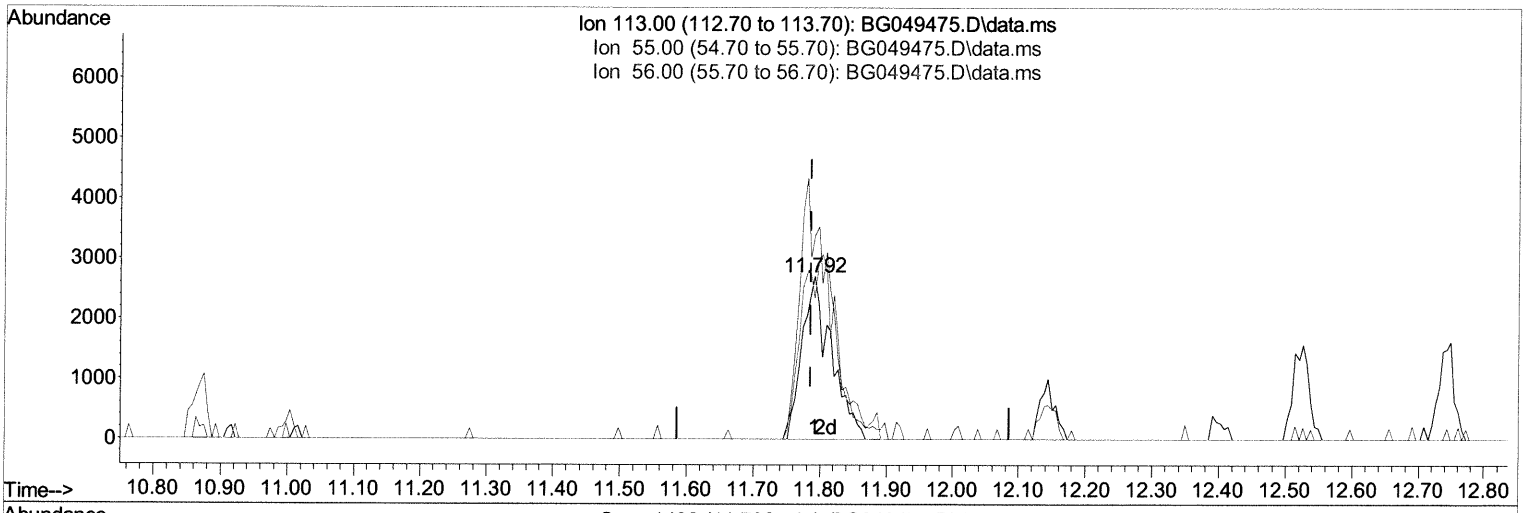
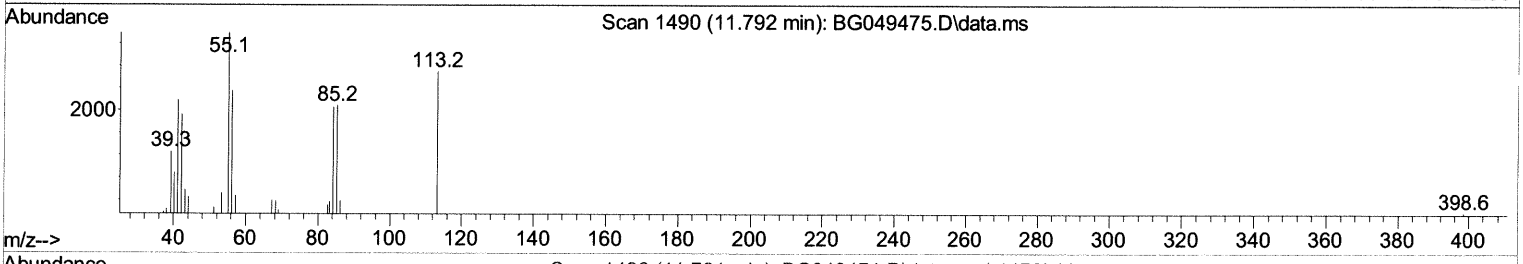
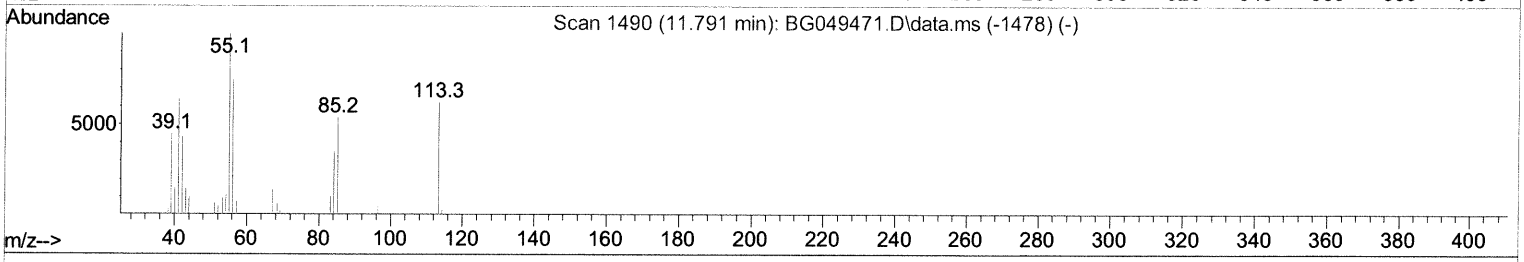
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0003

Manual Integrations APPROVED
mohammad
7/27/2021 12:06:20 PM







TIC: BG049475.D\data.ms

(34) Caprolactam

11.792min (+ 0.006) 14.74 ng/ul m 07/29/21 JU

response 8280

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	125.37
56.00	118.80	87.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049476.D
Acq On : 26 Jul 2021 13:08
Operator : CG/JU
Sample : M3082-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 26 13:48:01 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 :
C0003

Manual Integrations APPROVED
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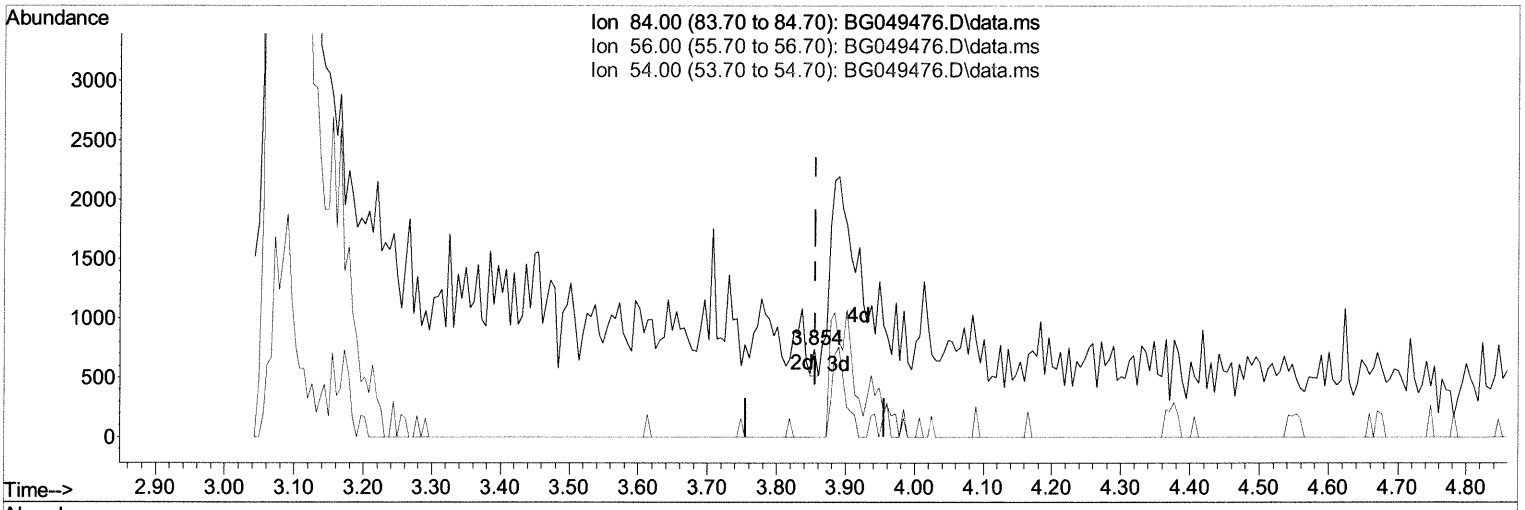

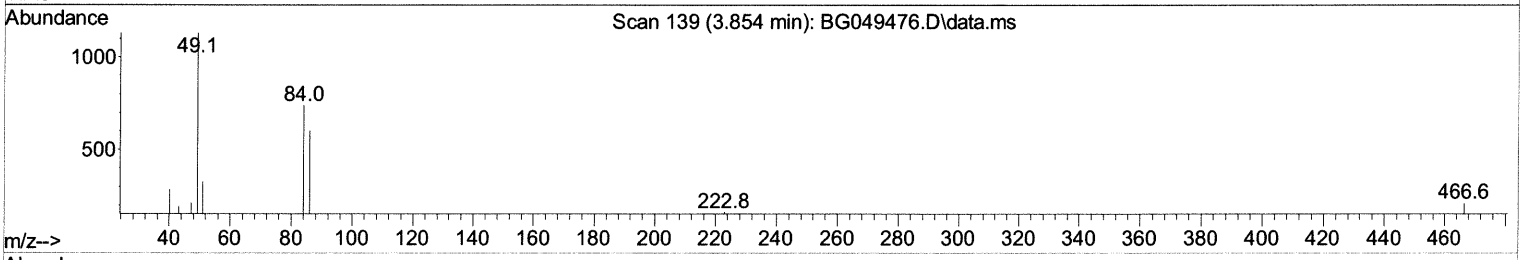

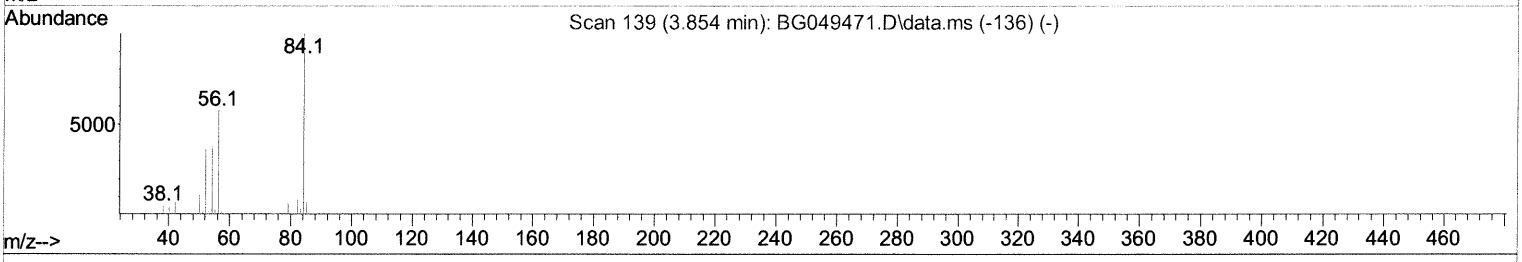

TIC: BG049476.D\data.ms

(4) Pyridine-d5 (S)

3.854min (-0.001) 0.05 ng/ul

response 78

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 : BG049476.D
Acq On : 26 Jul 2021 13:08
Operator : CG/JU
Sample : M3082-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 26 13:48:01 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 :
C0003

Manual Integrations APPROVED
mohammad
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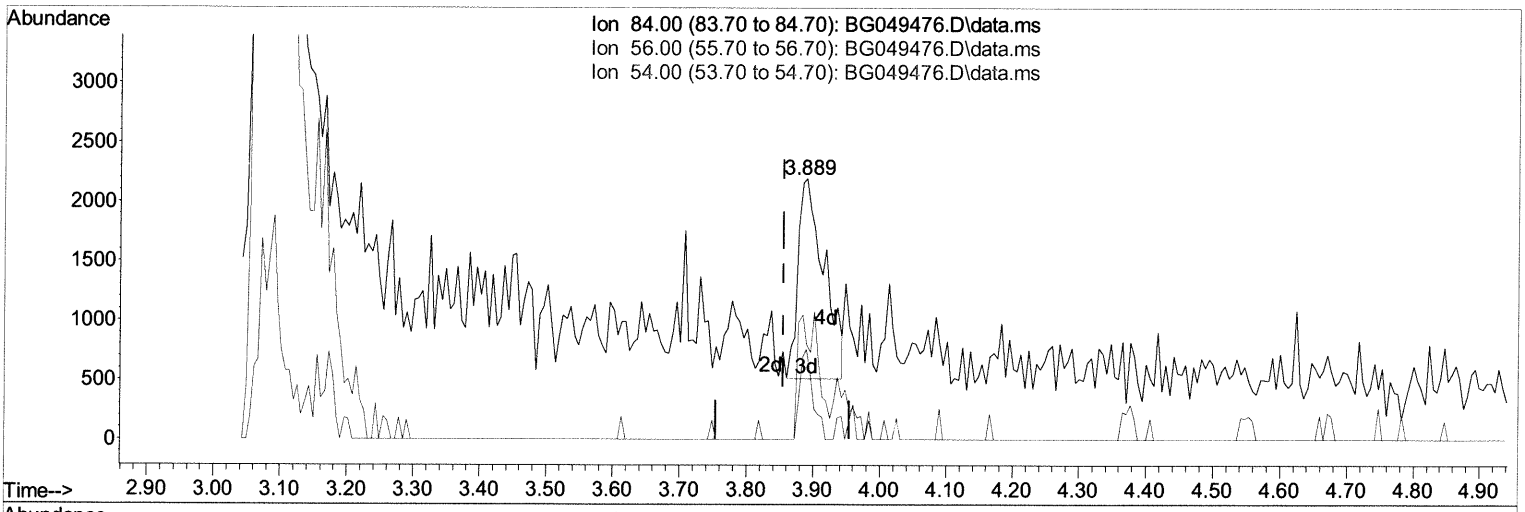

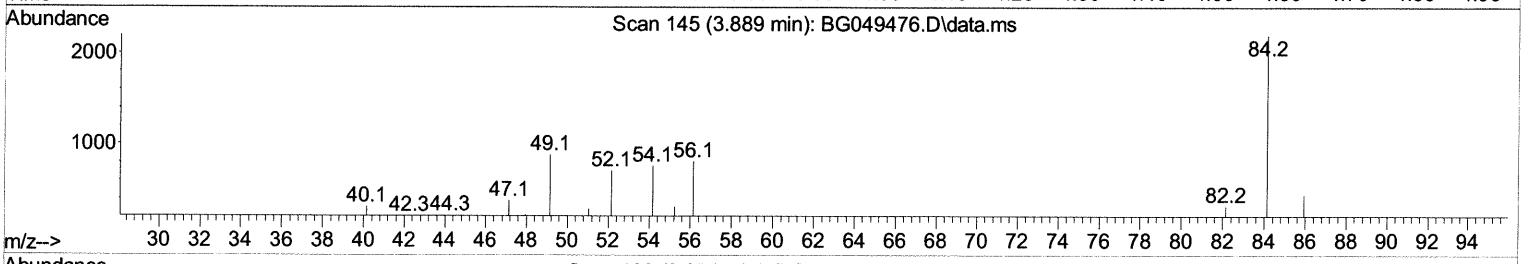

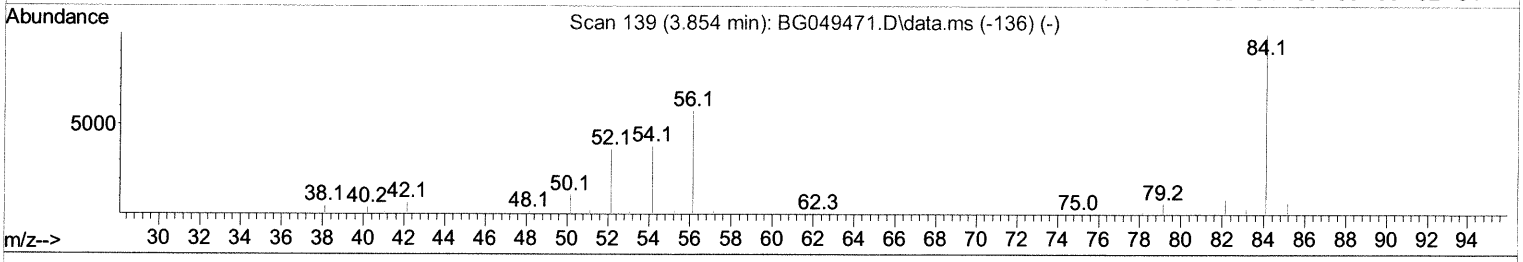

TIC: BG049476.D\data.ms

(4) Pyridine-d5 (S)

3.889min (+ 0.034) 2.94 ng/ul m 07/29/2021

response 4551

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	36.71#
54.00	34.10	34.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049476.D
Acq On : 26 Jul 2021 13:08
Operator : CG/JU
Sample : M3082-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 26 13:48:01 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 :
C0003

Manual Integrations APPROVED
mohammad
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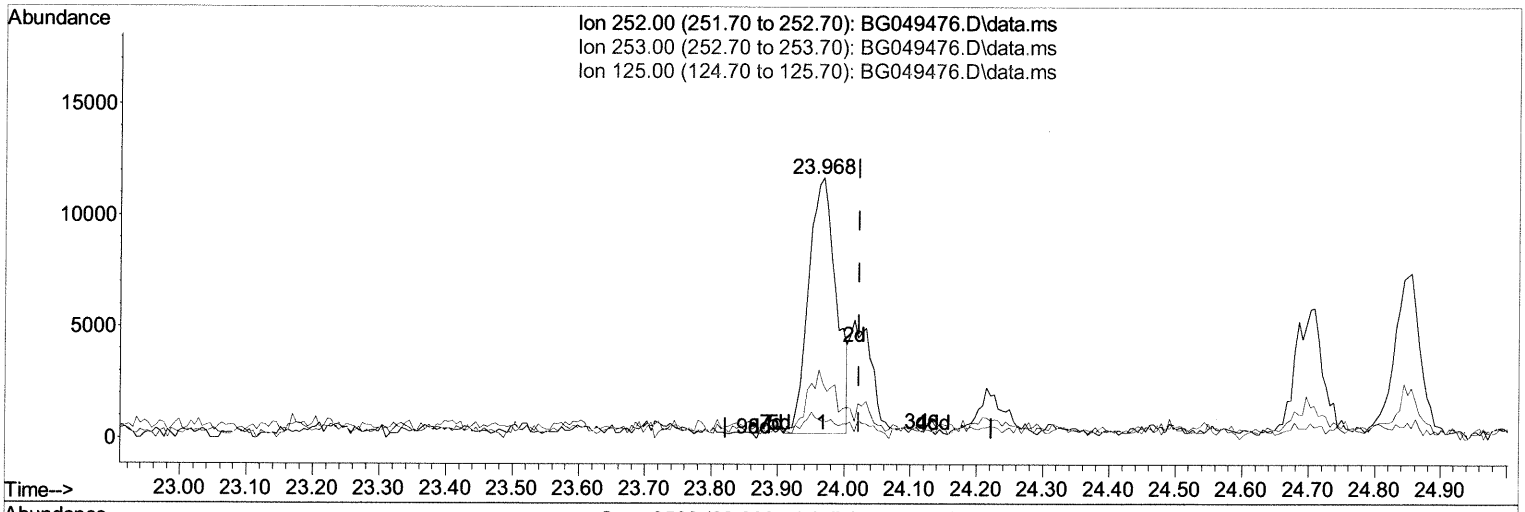

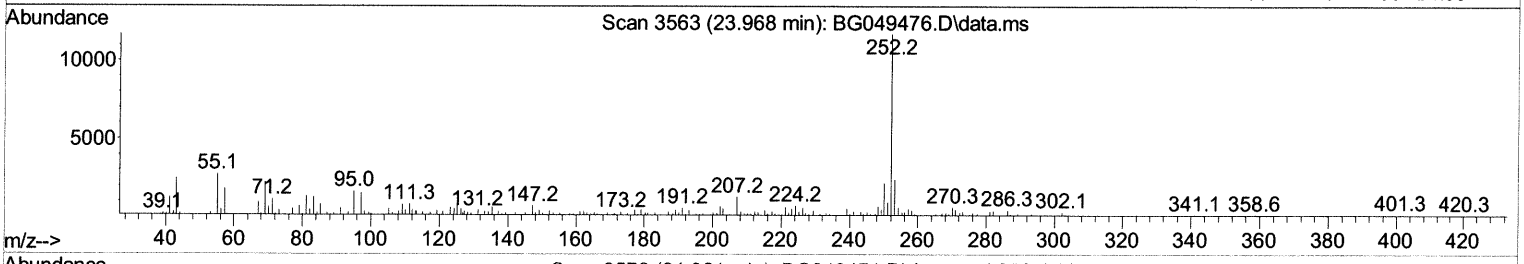

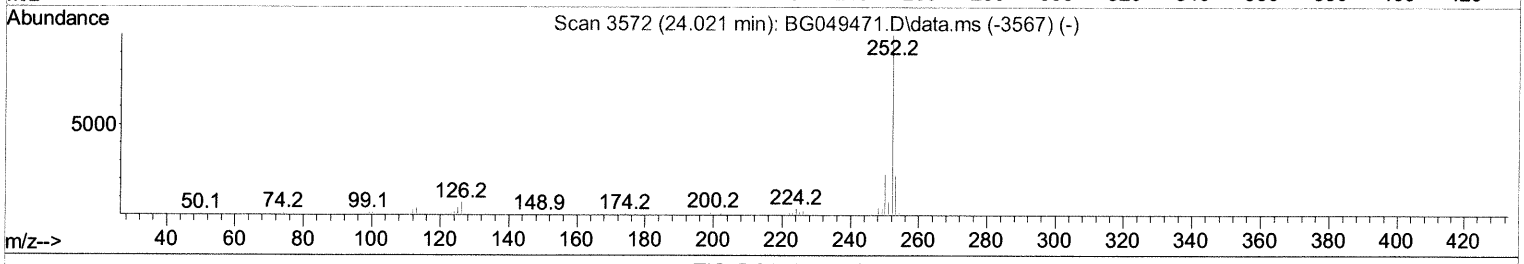

TIC: BG049476.D\data.ms

(91) Benzo(k)fluoranthene

23.968min (-0.054) 3.89 ng/ul

response 33312

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	20.56
125.00	5.80	6.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049476.D
Acq On : 26 Jul 2021 13:08
Operator : CG/JU
Sample : M3082-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 26 13:48:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0003

Manual Integrations APPROVED
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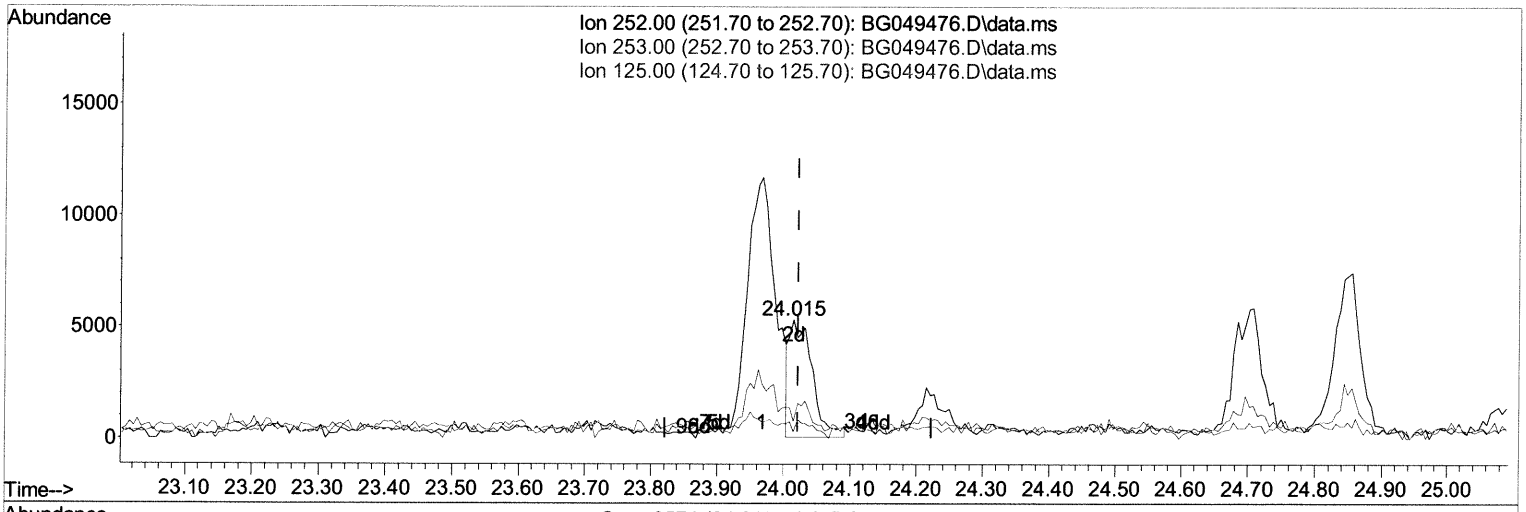

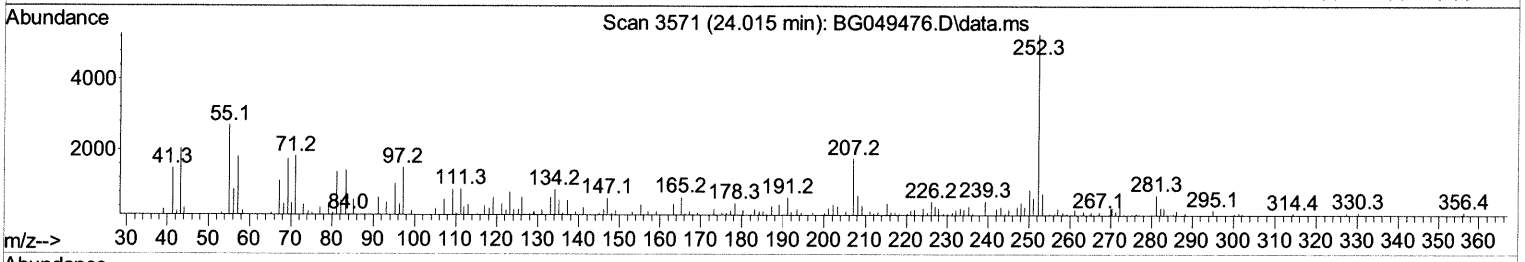

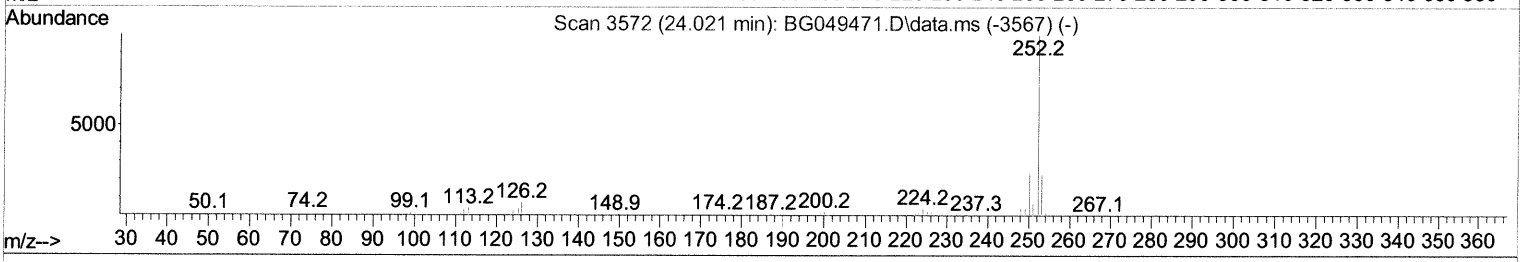

TIC: BG049476.D\data.ms

(91) Benzo(k)fluoranthene

24.015min (-0.007) 1.47 ng/ul m 07/29/2021

response 12535

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	14.55#
125.00	5.80	5.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049476.D
Acq On : 26 Jul 2021 13:08
Operator : CG/JU
Sample : M3082-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 26 13:48:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0003

Manual Integrations APPROVED
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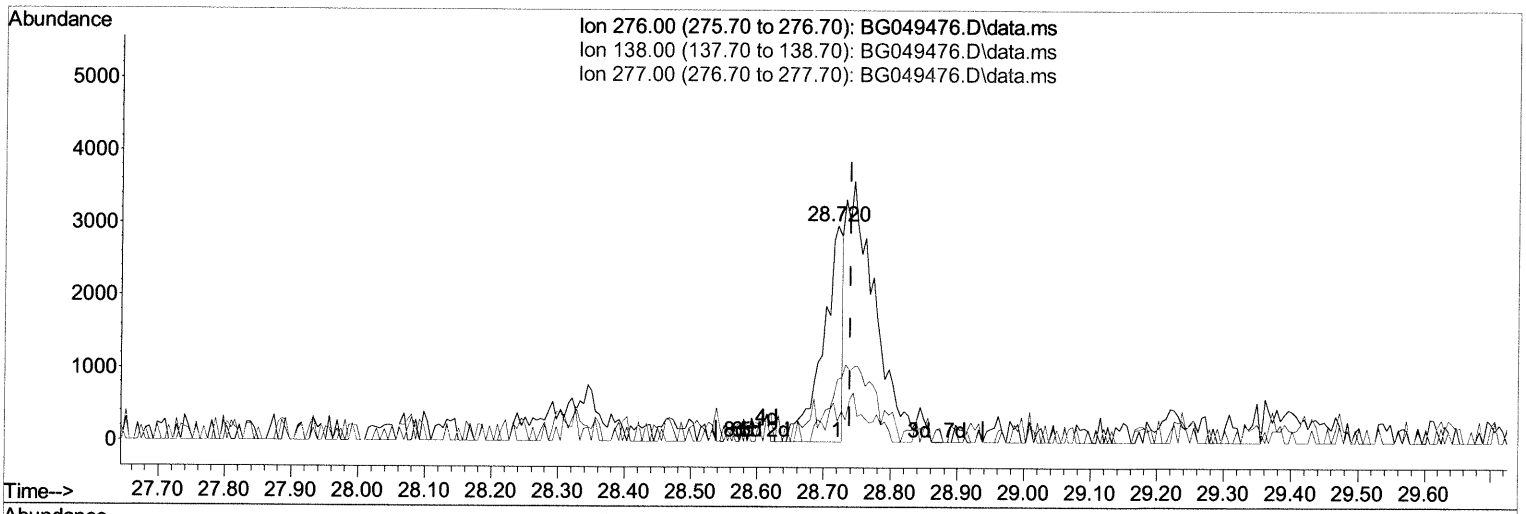

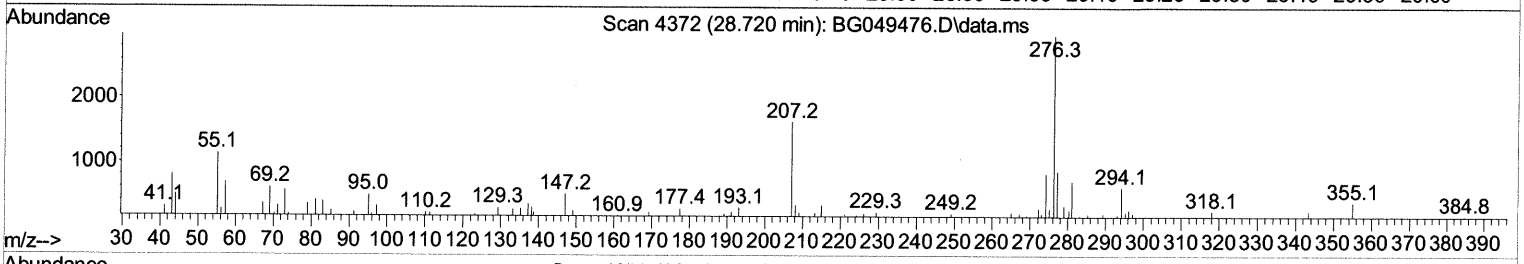

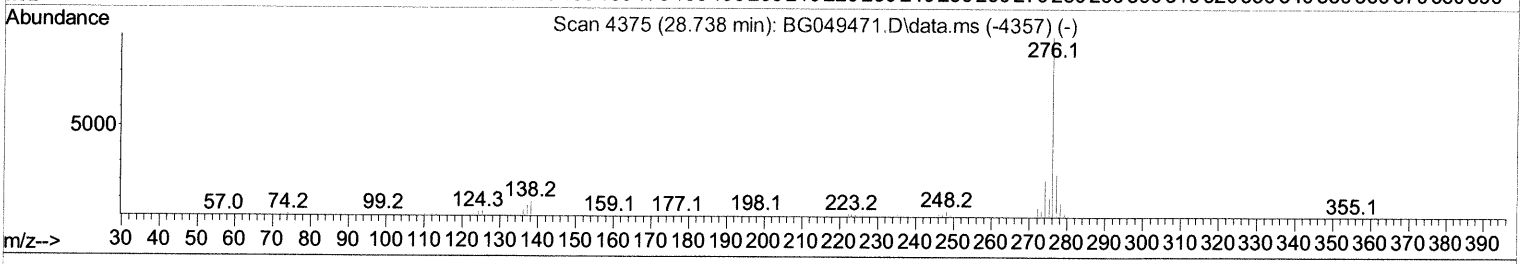

TIC: BG049476.D\data.ms

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

28.720min (-0.019) 0.63 ng/ul

response 6121

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	9.67
277.00	24.00	28.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049476.D
Acq On : 26 Jul 2021 13:08
Operator : CG/JU
Sample : M3082-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 26 13:48:01 2021
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mohammad
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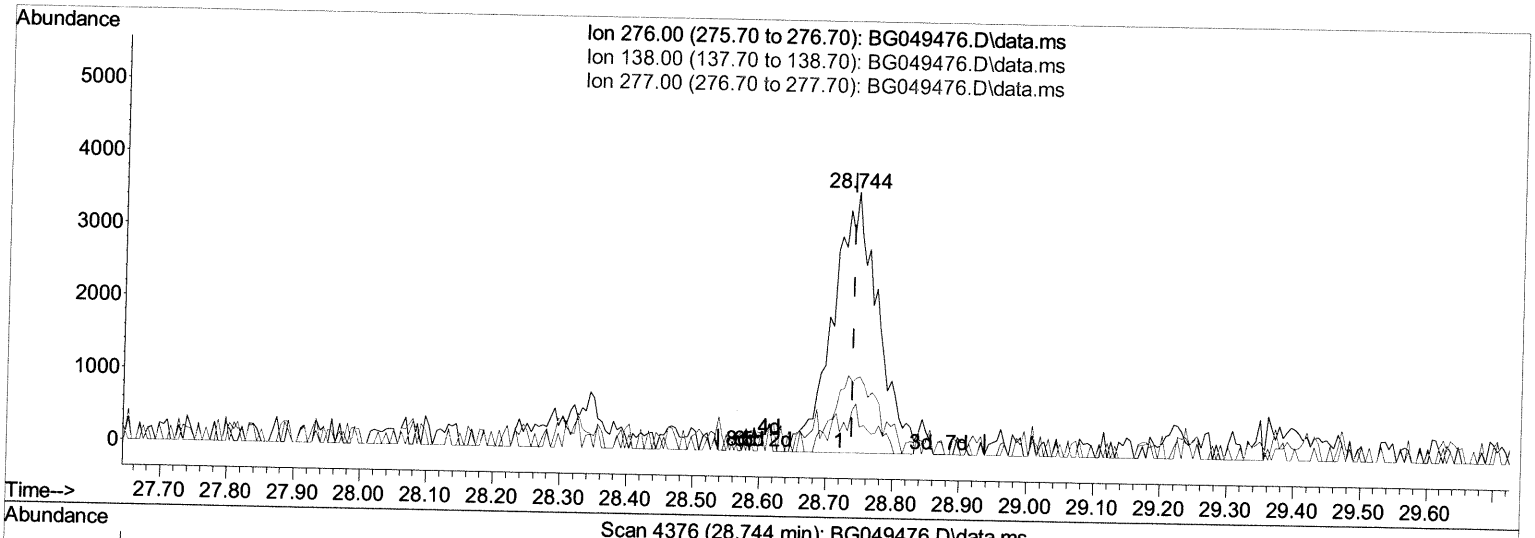

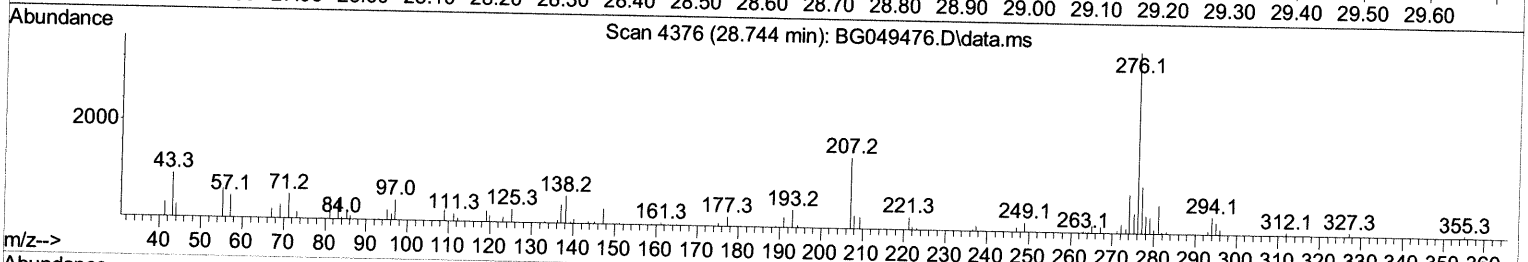

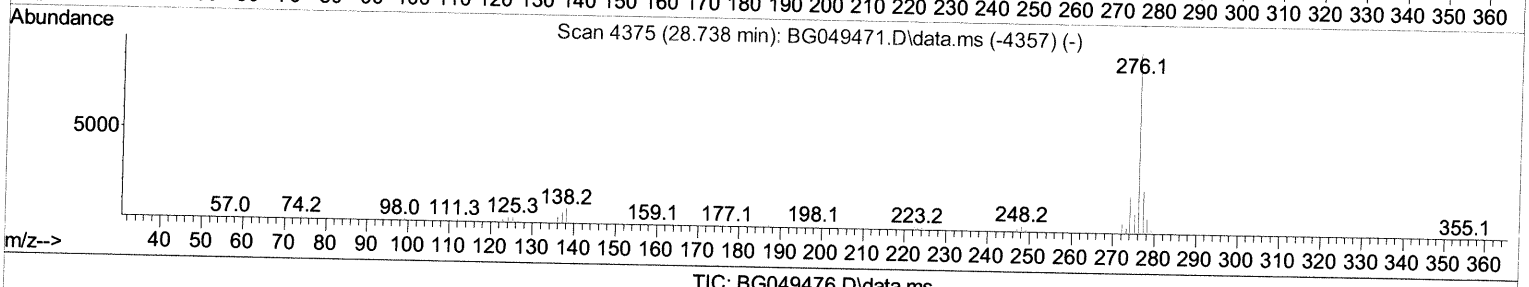

TIC: BG049476.D\data.ms

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

28.744min (+ 0.005) 1.73 ng/ul m 07/20/21 JU

response 16736

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	18.71#
277.00	24.00	28.79
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049476.D
Acq On : 26 Jul 2021 13:08
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ClientSampleId : C0003

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	24641	20.000	ng/ul	0.00
20) Naphthalene-d8	10.874	136	98977	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	65449	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	126581	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	126374	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	139465	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.437	96	845	1.569	ng/uL	0.00
4) Pyridine-d5	3.889	84	4551m>	2.942	ng/ul>	0.03 07/29/21 JU
7) Phenol-d5	7.202	99	22439	10.293	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.373	67	15295	12.387	ng/ul	0.00
11) 2-Chlorophenol-d4	7.584	132	18458	11.811	ng/ul	0.00
15) 4-Methylphenol-d8	8.759	113	19453	11.838	ng/ul	0.00
21) Nitrobenzene-d5	9.223	128	9367	12.309	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	10257	11.502	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.486	165	19325	11.916	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	15651	6.924	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	67601	13.484	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	79111	13.586	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	6441	7.801	ng/ul	0.00
60) Fluorene-d10	15.691	176	56876	13.168	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	7103	9.056	ng/ul	0.00
73) Anthracene-d10	17.547	188	84757	14.407	ng/ul	0.00
81) Pyrene-d10	19.832	212	93589	14.483	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	88311	12.048	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.921	128	15504	3.041	ng/ul	97
36) 2-Methylnaphthalene	12.525	142	14436	3.869	ng/ul	99
37) 1-Methylnaphthalene	12.748	142	13275	3.521	ng/ul	88
43) 1,1'-Biphenyl	13.529	154	5082	1.090	ng/ul	95
50) Acenaphthylene	14.422	152	12997	2.337	ng/ul#	87
52) Acenaphthene	14.763	153	5377	1.348	ng/ul#	83
56) Dibenzofuran	15.098	168	13441	2.496	ng/ul	97
61) Fluorene	15.744	166	20042	4.384	ng/ul#	92
72) Phenanthrene	17.488	178	78064	11.846	ng/ul	98
74) Anthracene	17.582	178	21802	3.265	ng/ul	97
77) Carbazole	17.847	167	6418	1.075	ng/ul#	72
80) Fluoranthene	19.497	202	69438	8.850	ng/ul#	98
82) Pyrene	19.862	202	57176	7.340	ng/ul	99
85) Benzo(a)anthracene	21.706	228	29634	3.835	ng/ul#	81
87) Chrysene	21.777	228	40950	5.537	ng/ul#	75
90) Benzo(b)fluoranthene	23.968	252	33312	3.811	ng/ul	98
91) Benzo(k)fluoranthene	24.015	252	12535m>	1.465	ng/ul >	07/29/21 JU
93) Benzo(a)pyrene	24.855	252	19227	2.535	ng/ul#	82
94) Indeno(1,2,3-cd)pyrene	28.744	276	16736m >	1.730	ng/ul >	07/29/21 JU

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