

Quantitation Report (QT Reviewed)

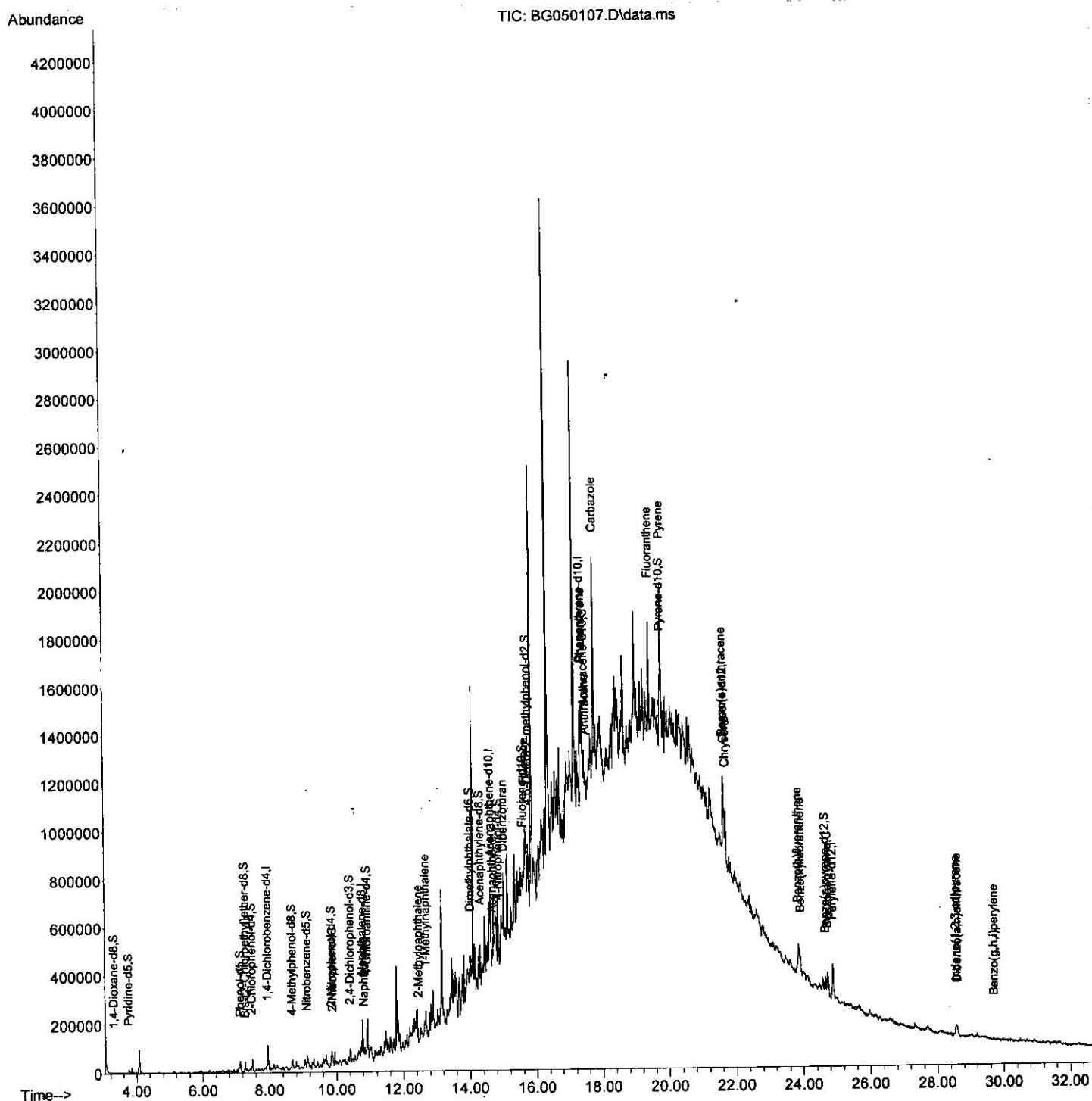
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050107.D
 Acq On : 2 Sep 2021 21:53
 Operator : CG/JU
 Sample : M3526-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7C4

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:31:58 PM

Quant Time: Sep 03 00:58:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration



Quantitation Report (Qedit)

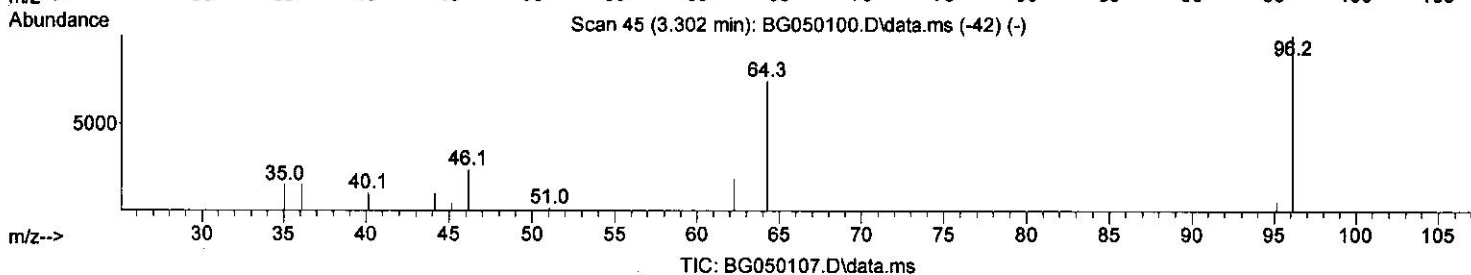
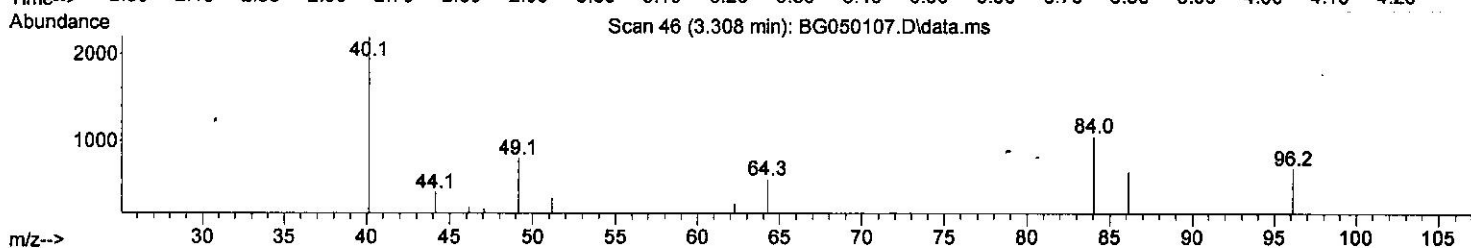
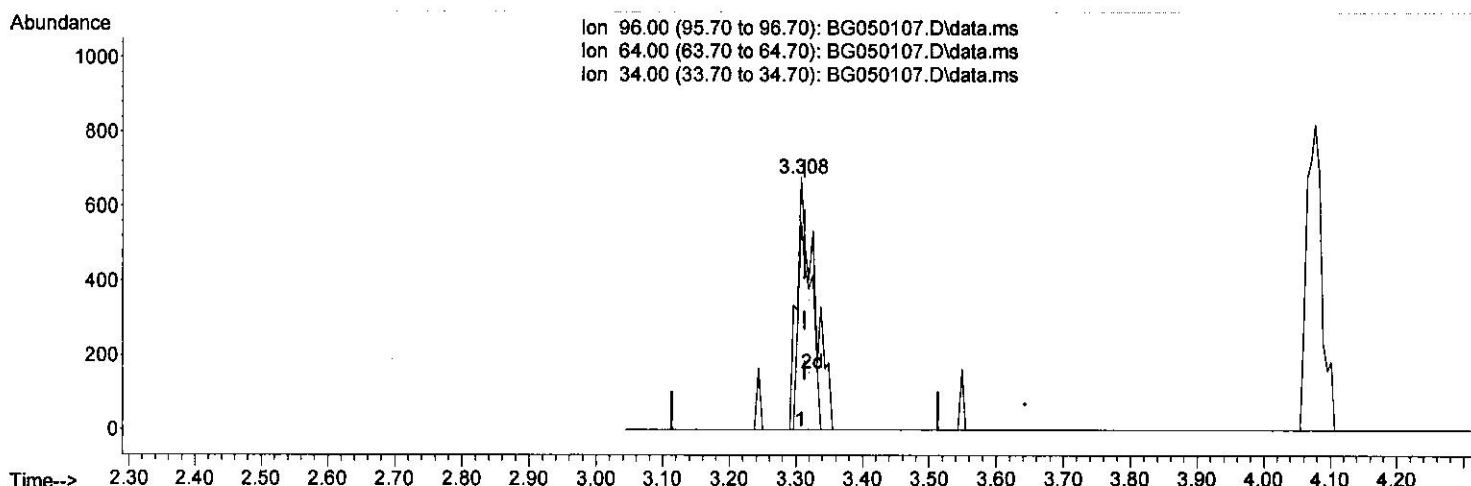
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TIC: BG050107.D\data.ms

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

3.308min (-0.006) 1.36 ng/uL

response 785

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	82.60#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

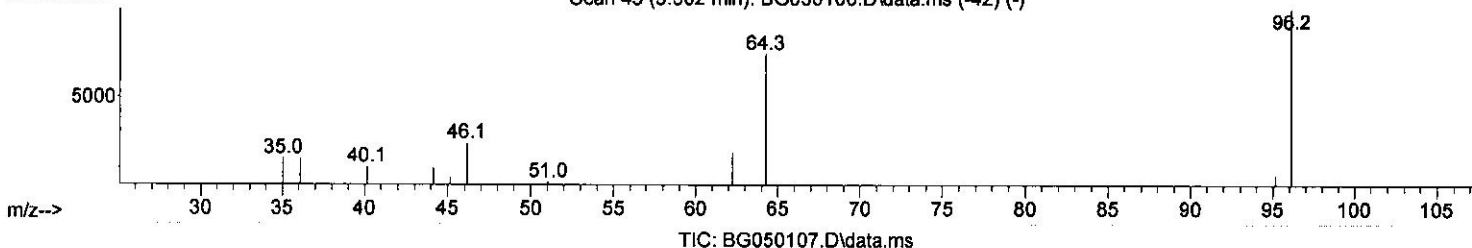
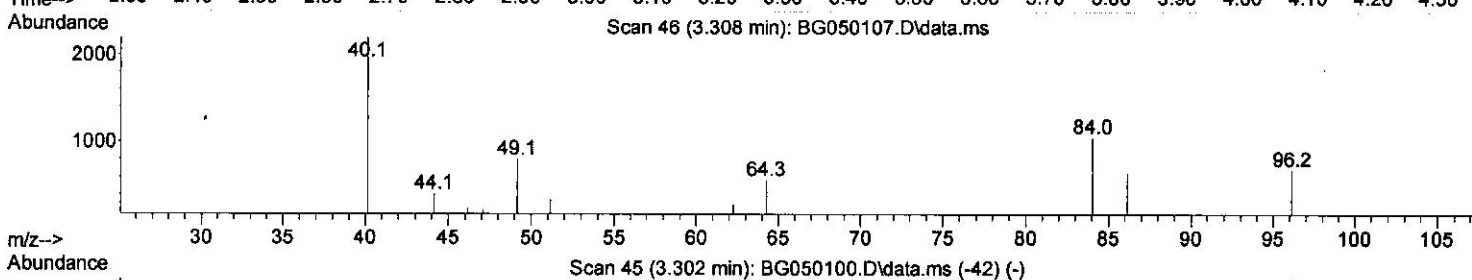
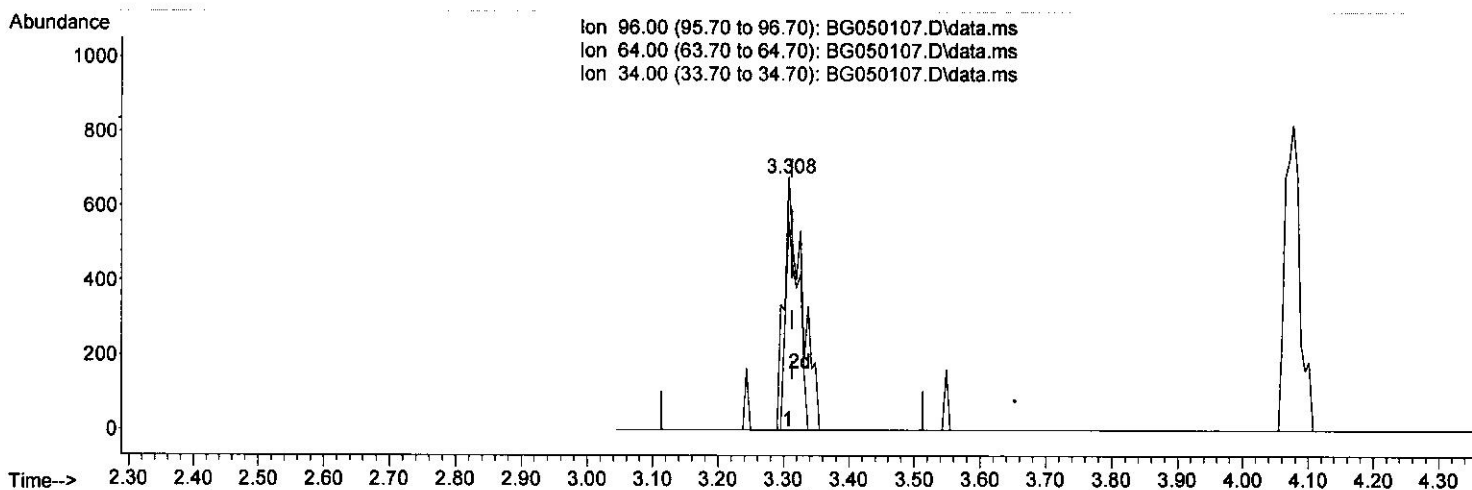
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(3) 1,4-Dioxane-d8 (S)

3.308min (-0.006) 2.21 ng/uL m } JV 91821

response 1276

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	82.60#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

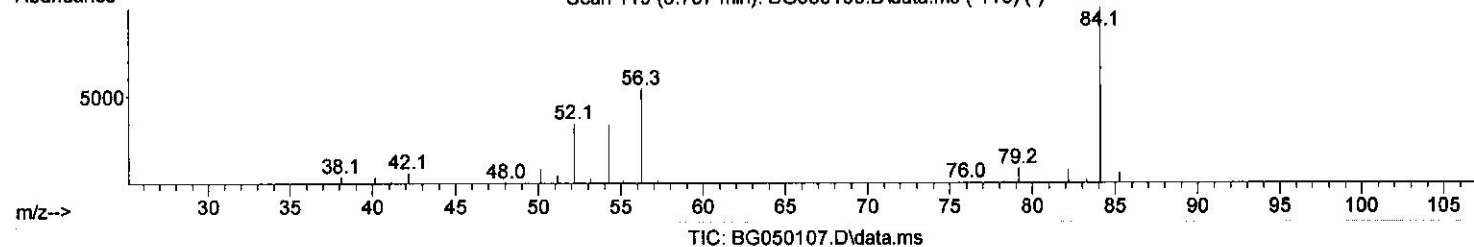
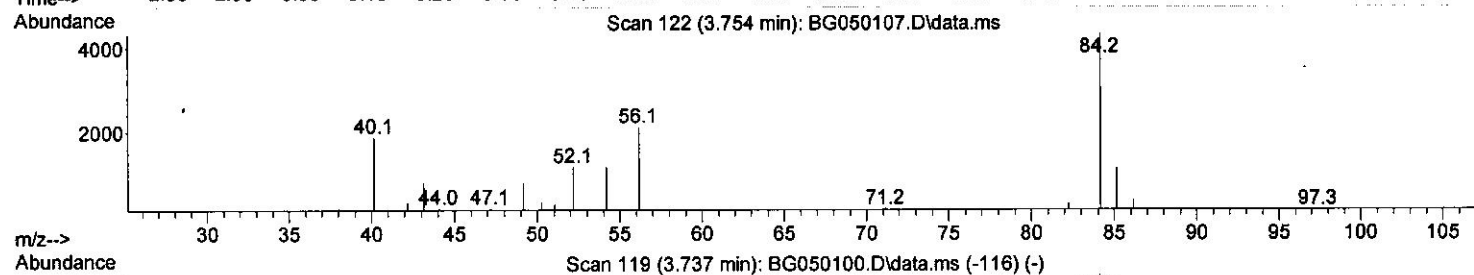
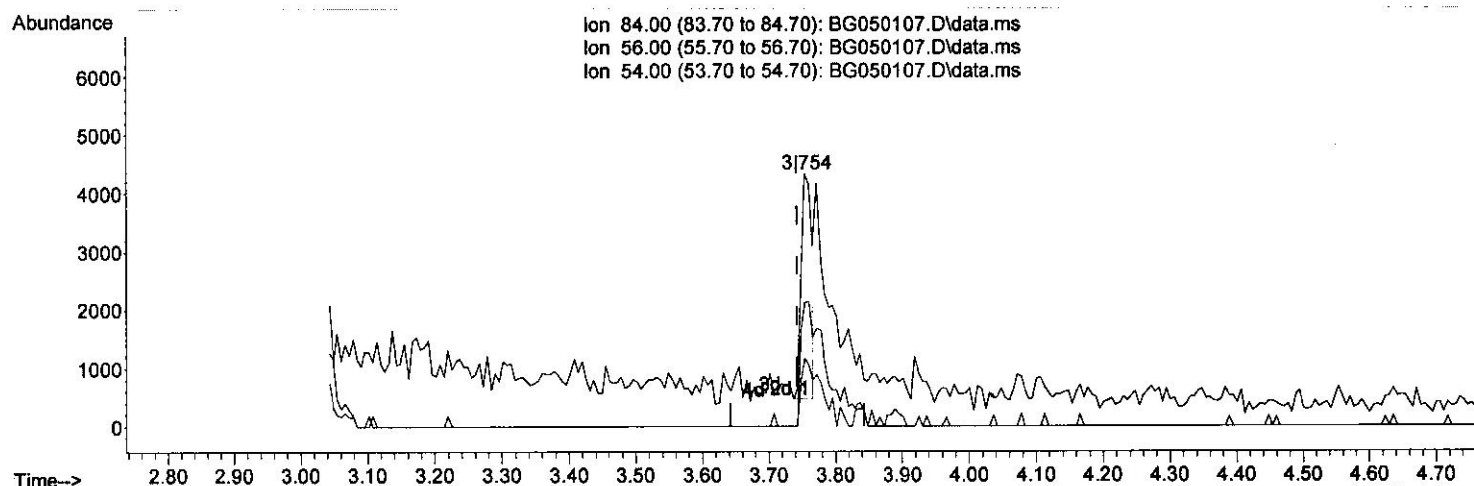
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TIC: BG050107.D\data.ms

(4) Pyridine-d5 (S)

3.754min (+ 0.012) 2.56 ng/ul

response 4440

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	48.98
54.00	37.00	27.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

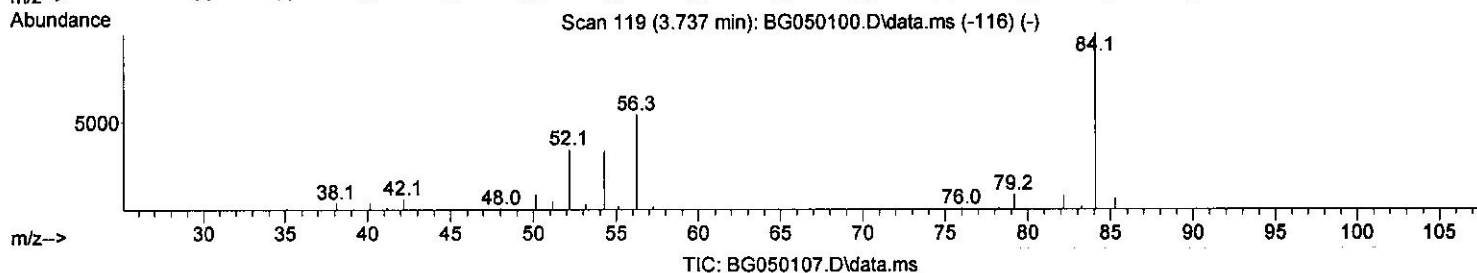
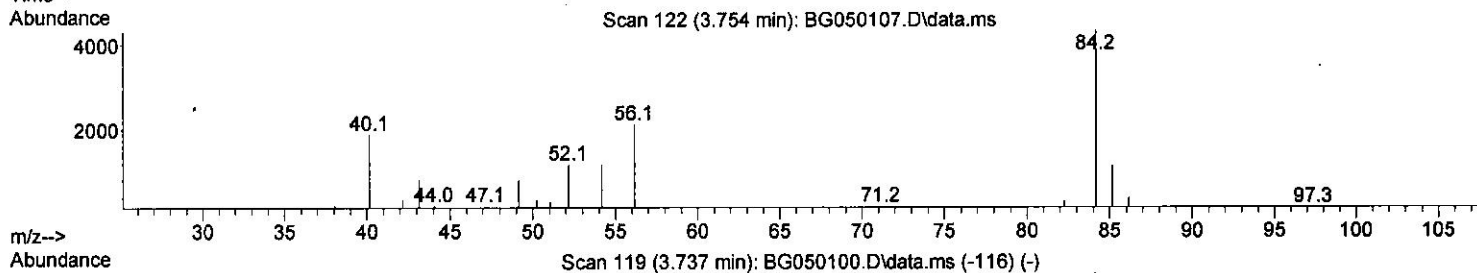
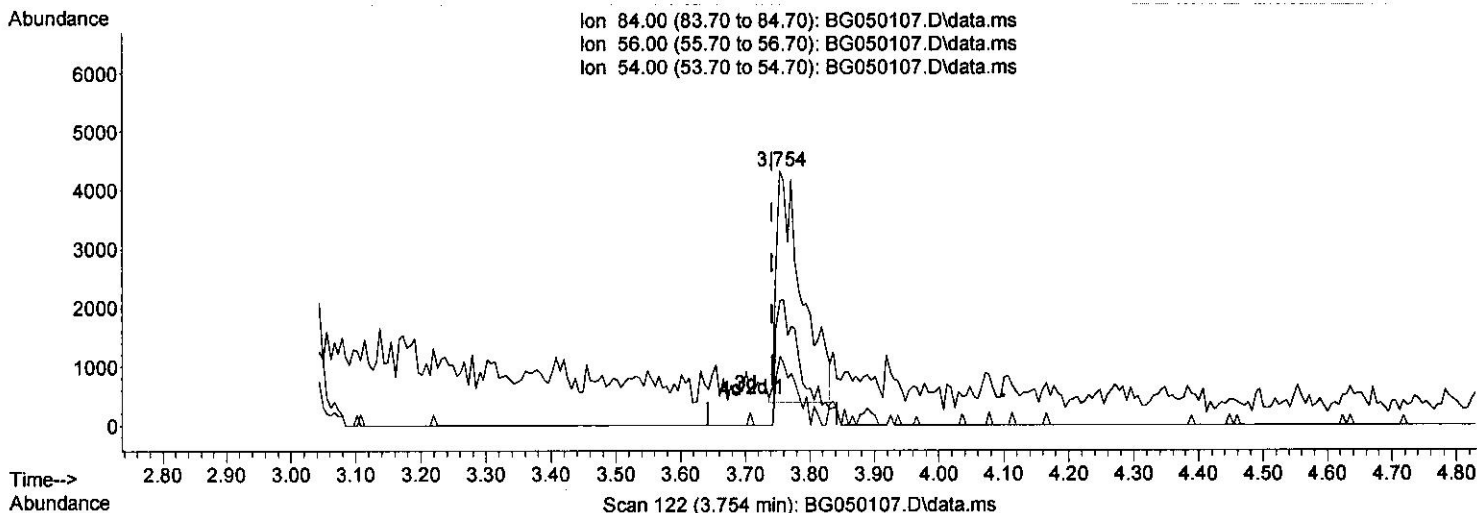
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050107.D
 Acq On : 2 Sep 2021 21:53
 Operator : CG/JU
 Sample : M3526-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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mohammad
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(4) Pyridine-d5 (S)

3.754min (+ 0.012) 6.24 ng/ul *300 91821*

response 10829

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	48.98
54.00	37.00	27.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

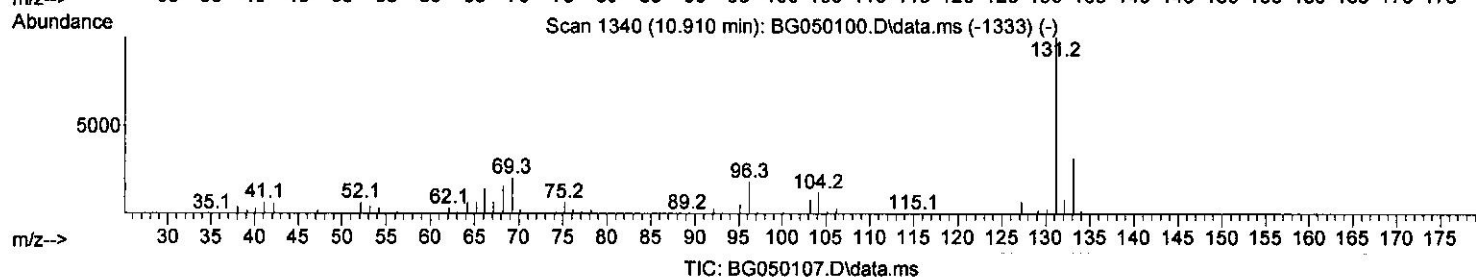
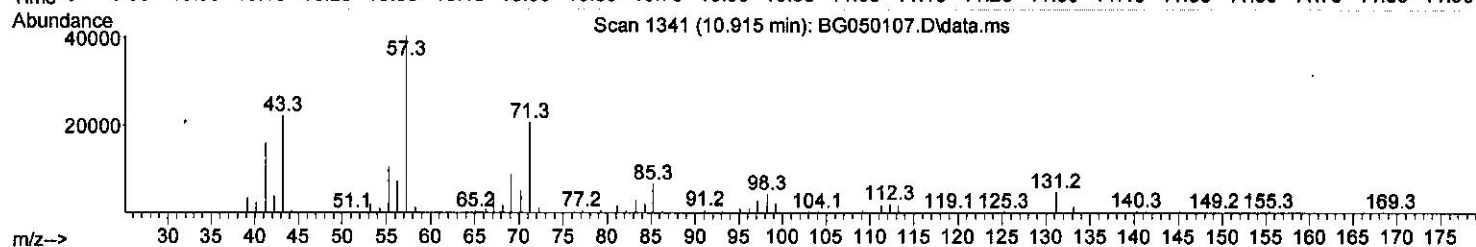
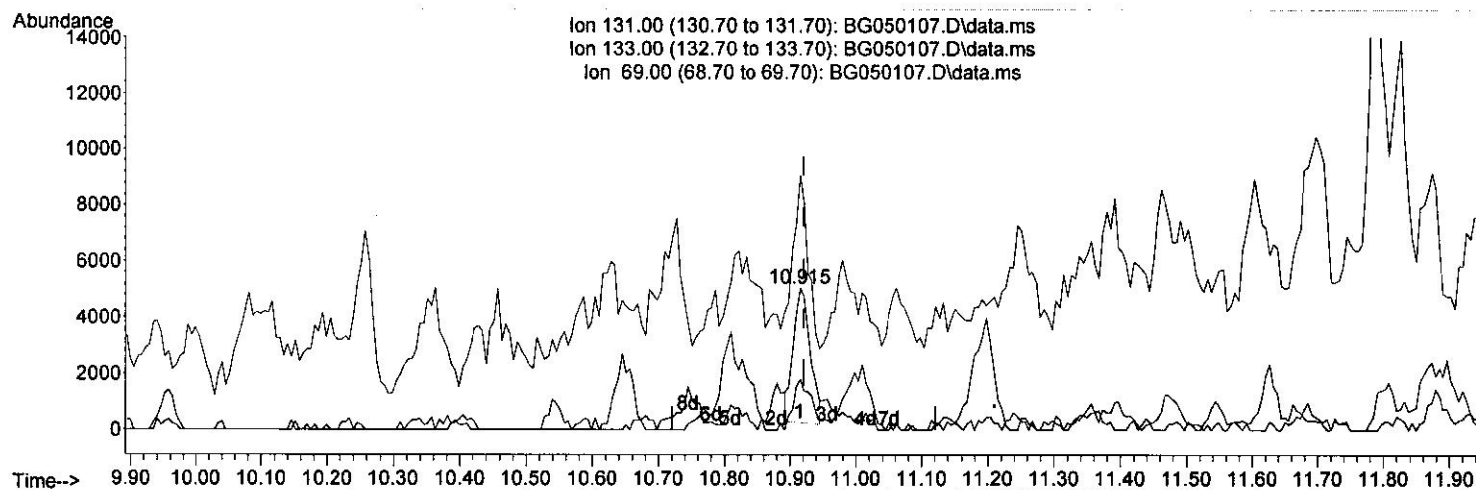
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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BG050107.D\data.ms

(31) 4-Chloroaniline-d4 (S)
 10.915min (-0.006) 3.30 ng/ul

response 8662

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	36.60	35.47
69.00	21.10	180.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

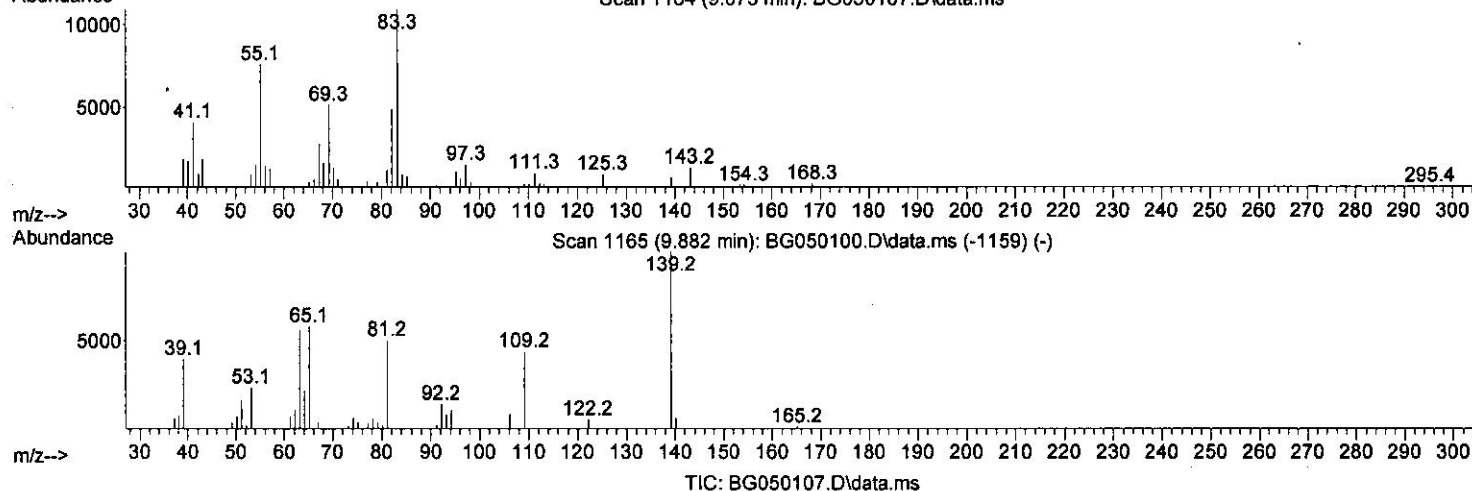
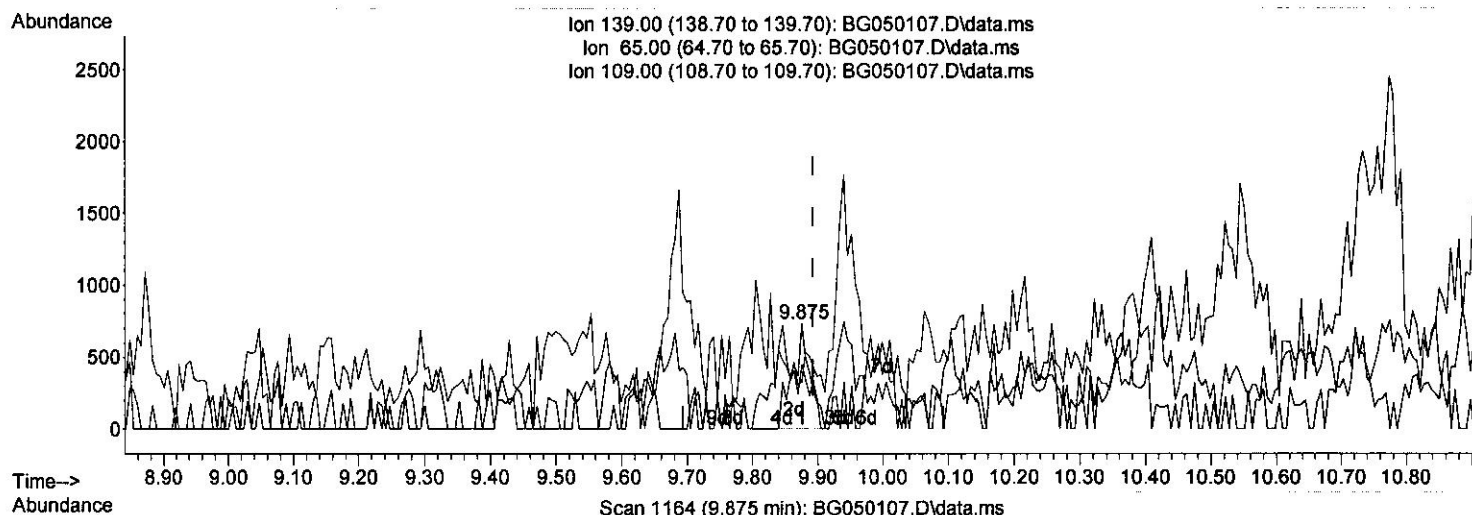
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050107.D
 Acq On : 2 Sep 2021 21:53
 Operator : CG/JU
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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(25) 2-Nitrophenol (C)

9.875min (-0.018) 1.32 ng/ul m } 350 9/1/21

response 1389

Ion	Exp%	Act%
139.00	100.00	100.00
65.00	66.40	61.34
109.00	55.10	44.81
0.00	0.00	0.00

Quantitation Report (Qedit)

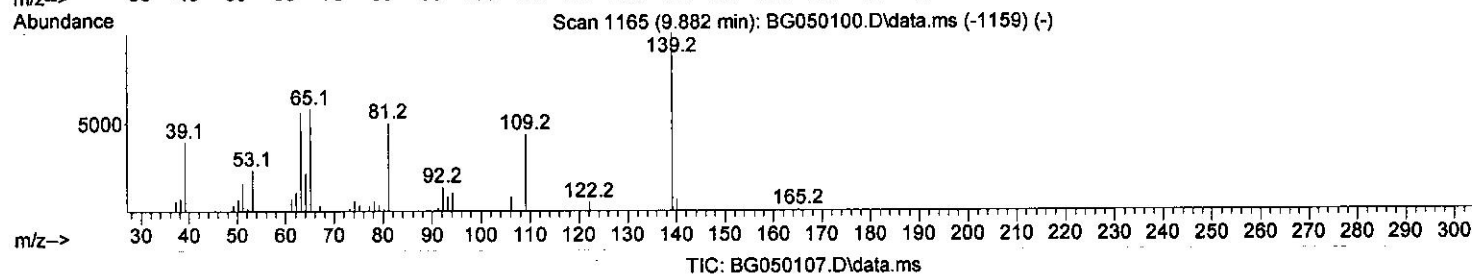
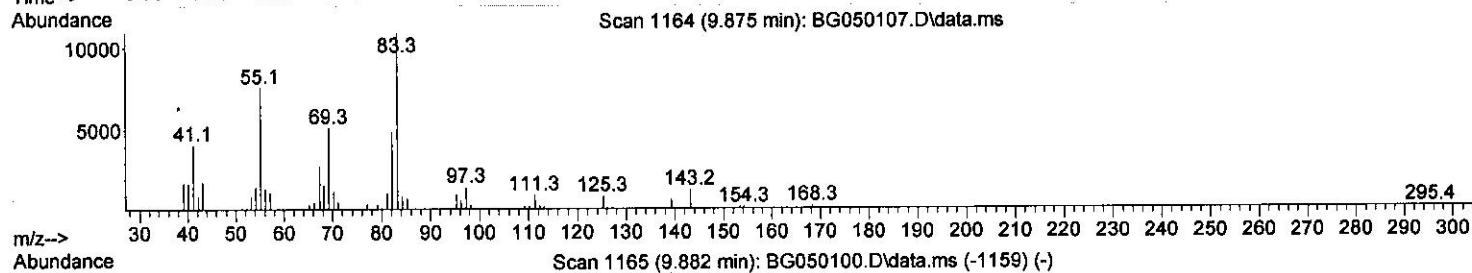
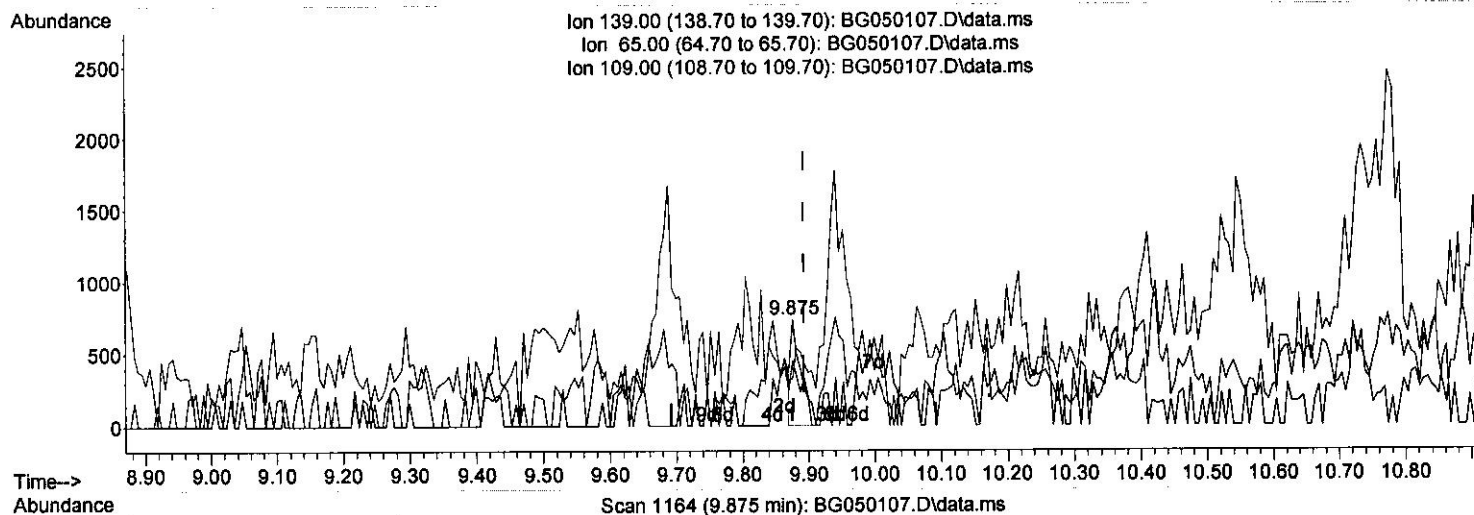
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050107.D
Acq On : 2 Sep 2021 21:53
Operator : CG/JU
Sample : M3526-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7C4

Manual Integrations
APPROVED

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TIC: BG050107.D\data.ms

(25) 2-Nitrophenol (C)

9.875min (-0.018) 0.75 ng/ul

response 787

Ion	Exp%	Act%
139.00	100.00	100.00
65.00	66.40	61.34
109.00	55.10	44.81
0.00	0.00	0.00

Quantitation Report (Qedit)

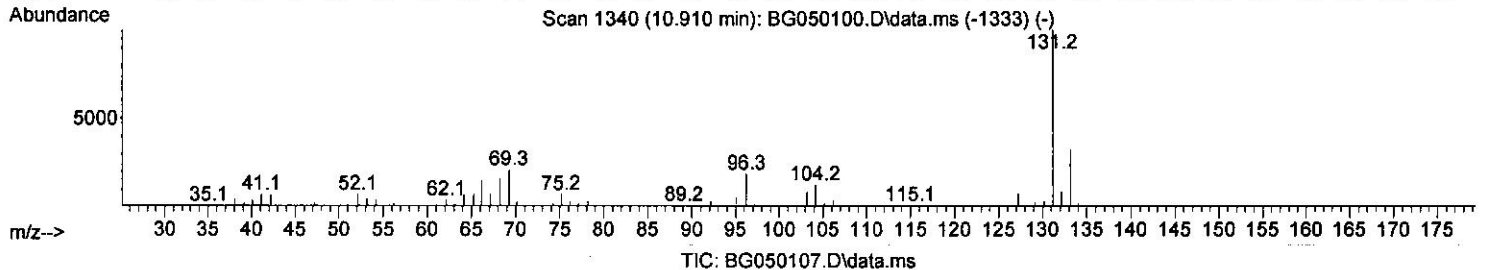
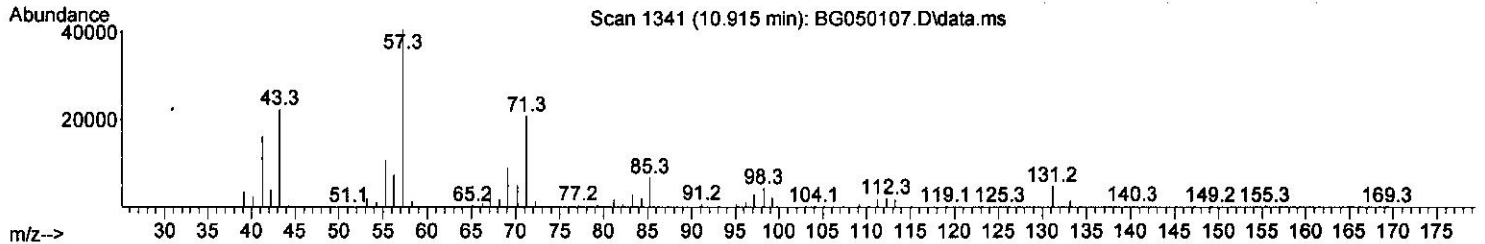
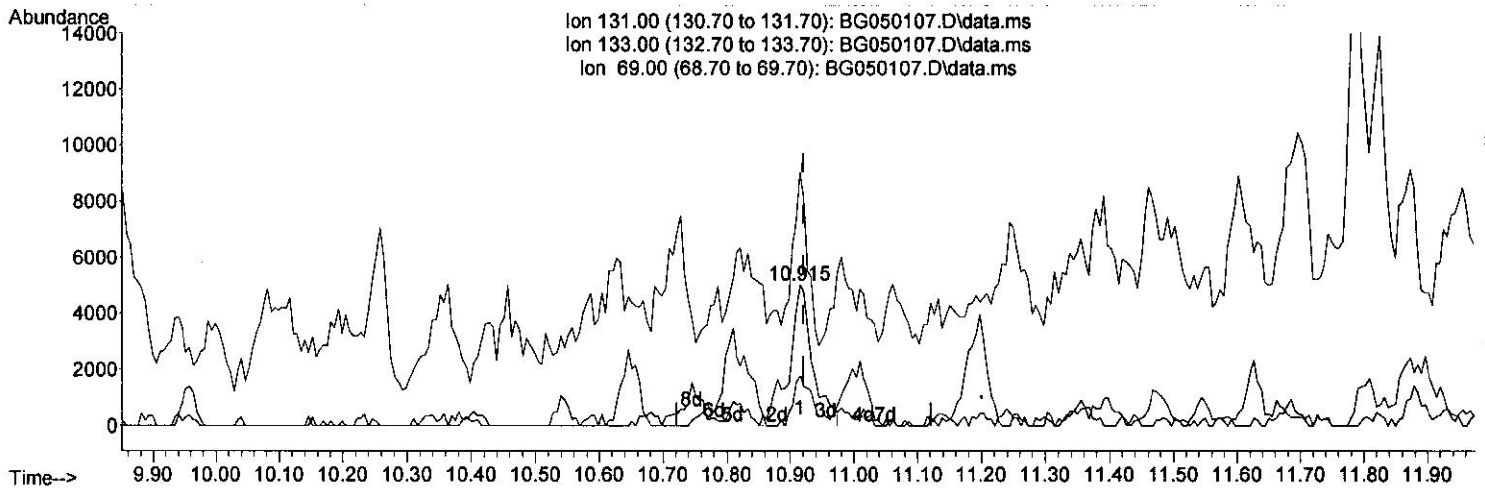
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 Sample : M3526-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7C4

Manual Integrations
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(31) 4-Chloroaniline-d4 (S)

10.915min (-0.006) 5.03 ng/ul m

response 13206

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	36.60	35.47
69.00	21.10	180.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

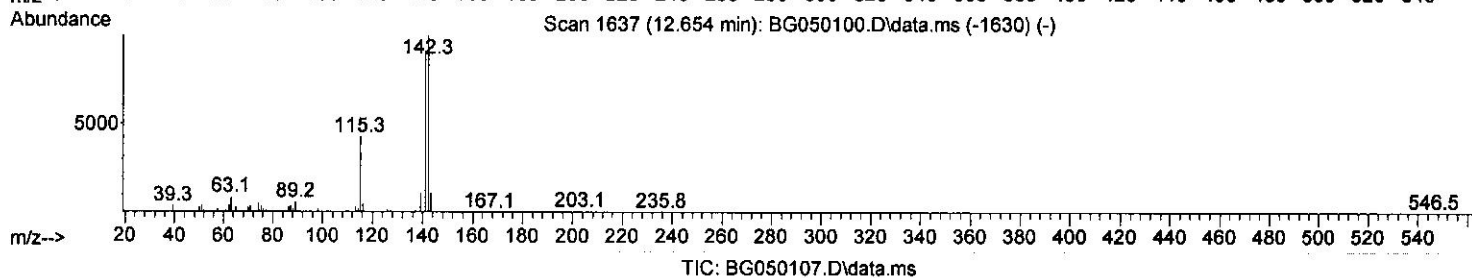
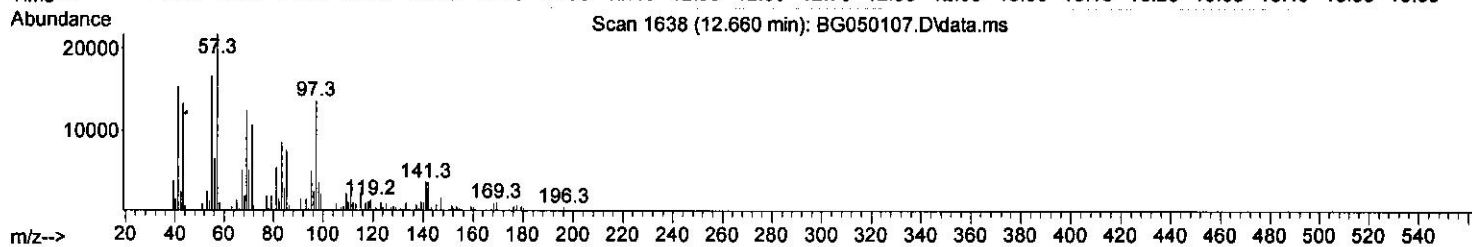
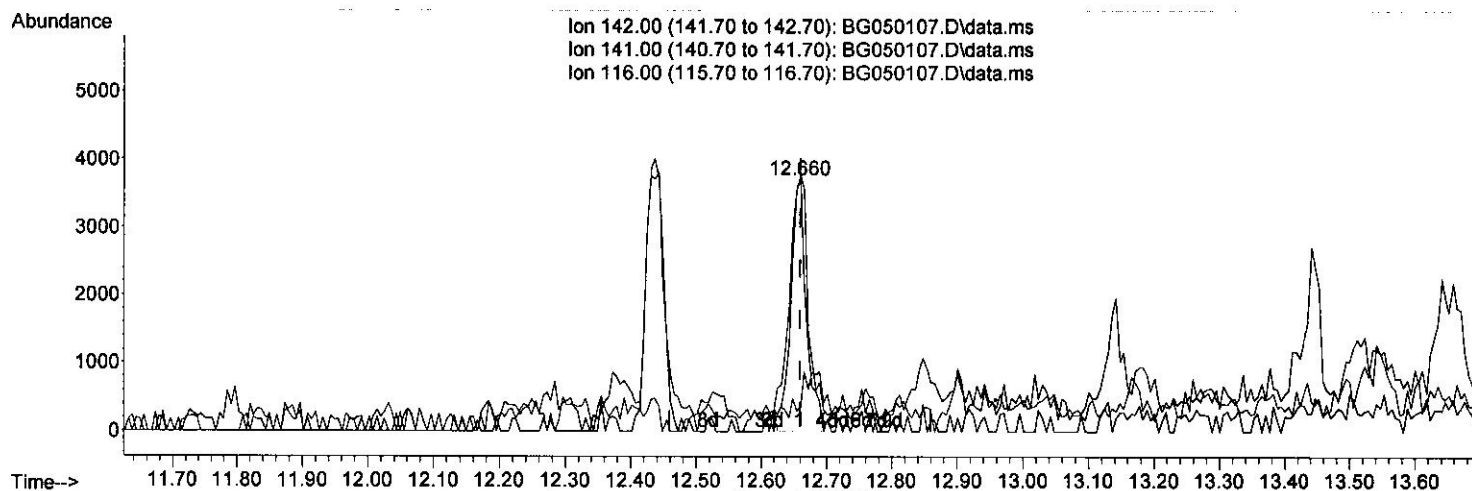
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(37) 1-Methylnaphthalene

12.660min (-0.000) 1.38 ng/ul

response 6075

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.80	101.30
116.00	4.60	9.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

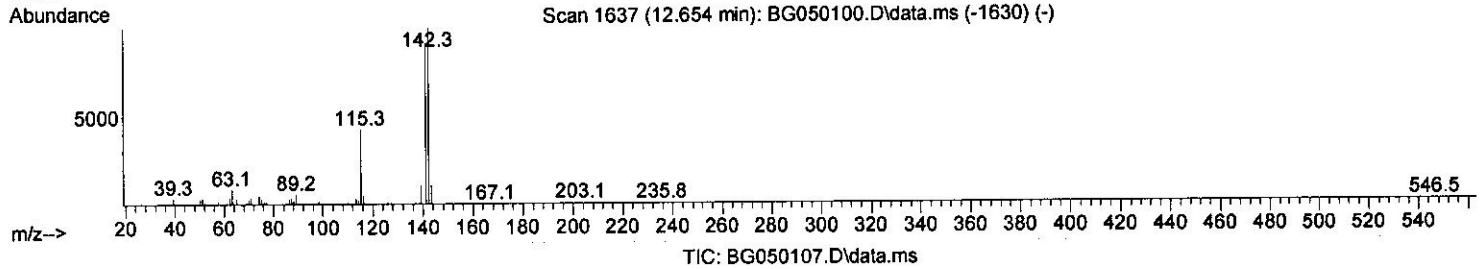
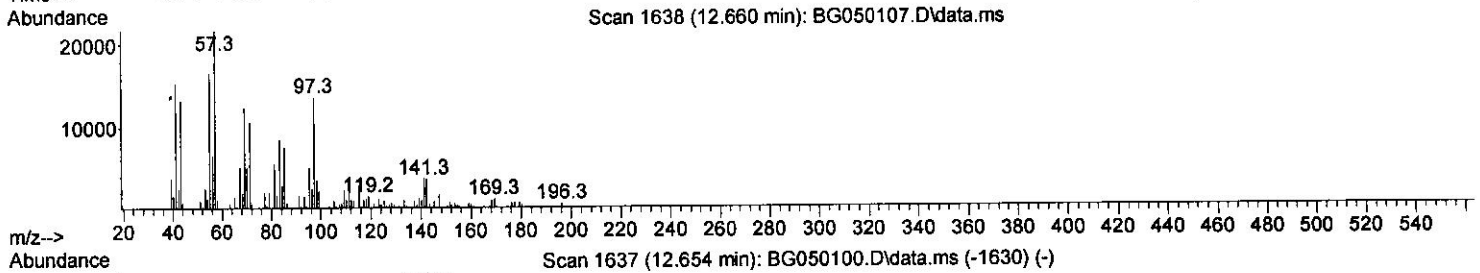
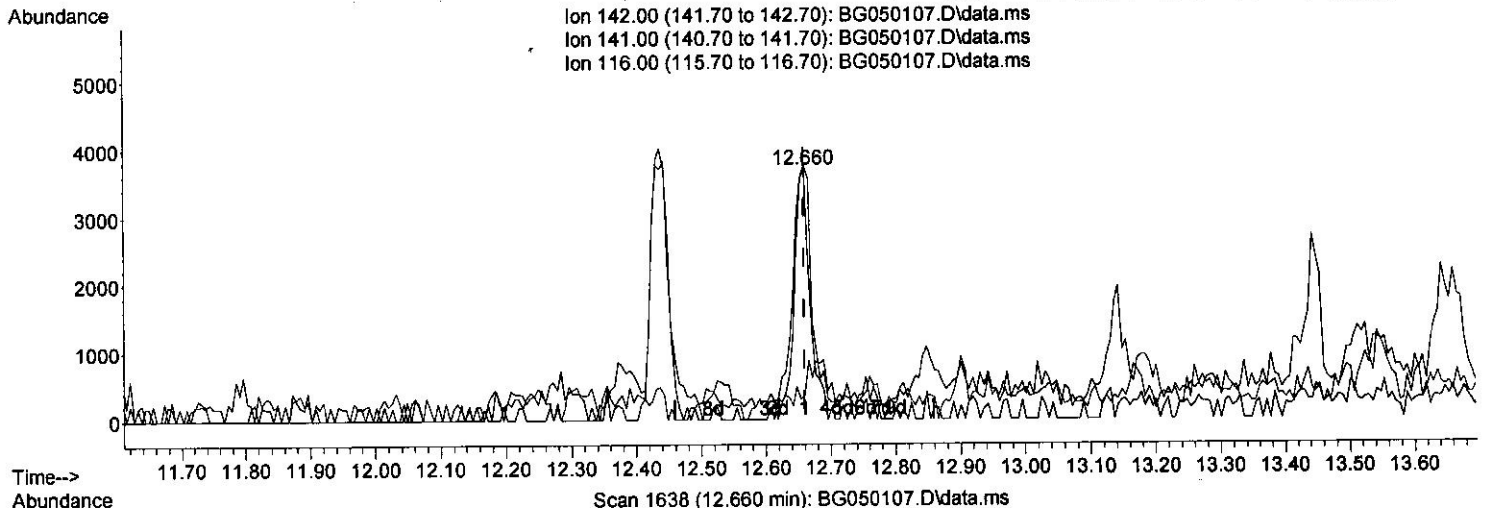
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Manual Integrations
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(37) 1-Methylnaphthalene

12.660min (-0.000) 1.43 ng/ul m } 20 9/8/21

response 6278

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	94.80	101.30
116.00	4.60	9.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

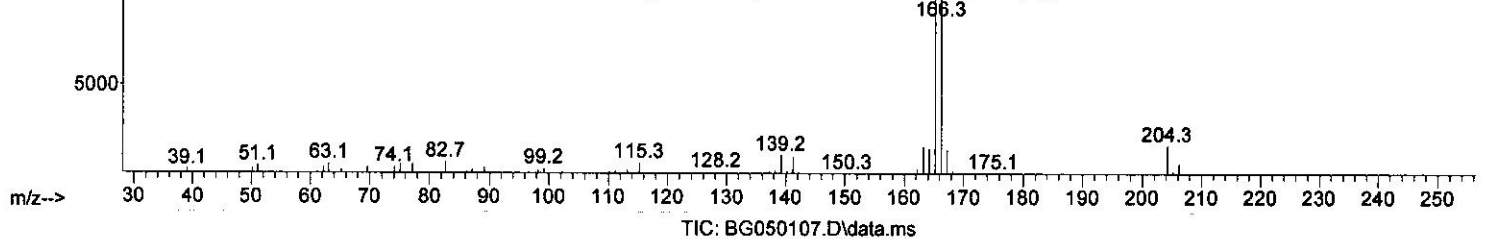
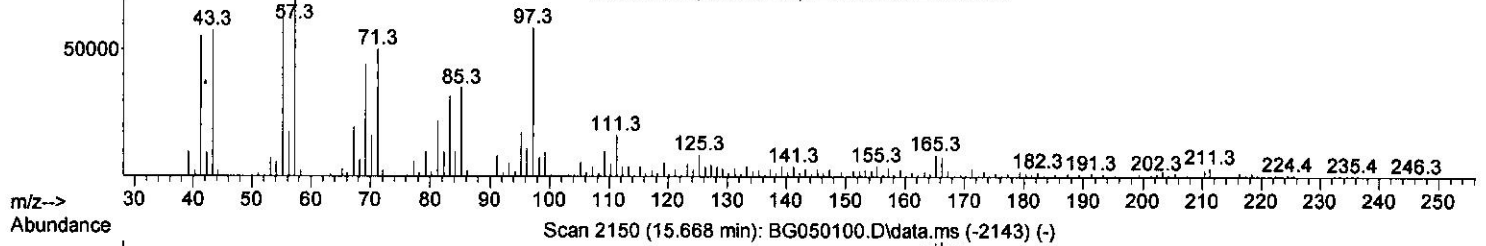
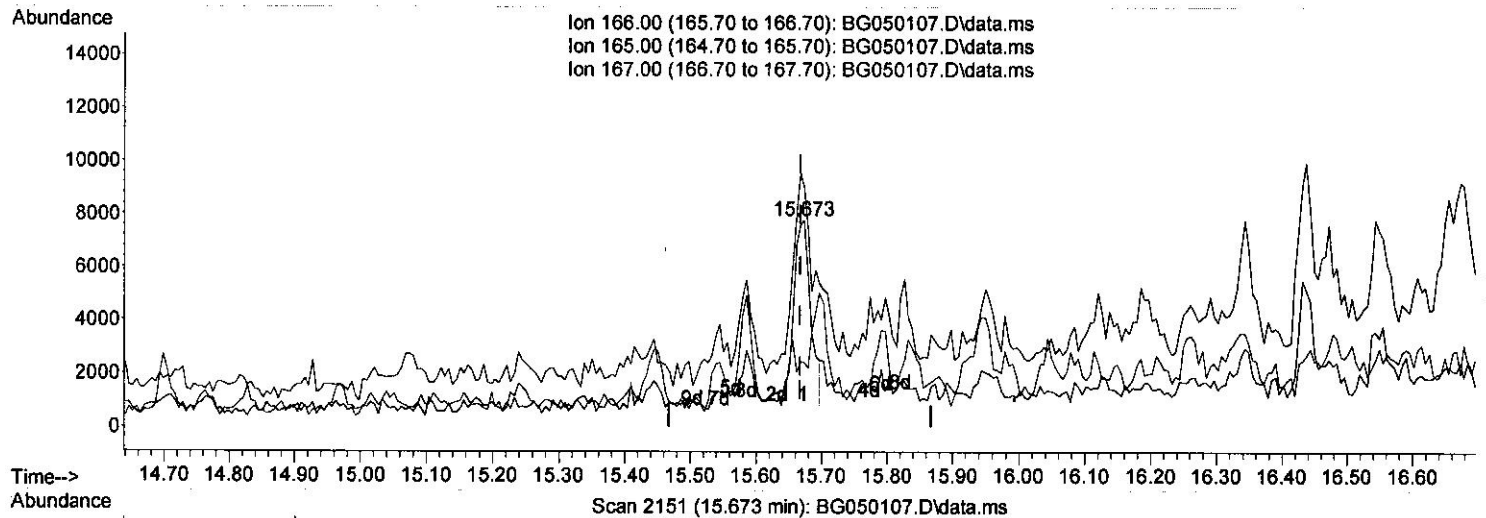
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(61) Fluorene

15.673min (+ 0.006) 2.66 ng/ul

response 12684

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	104.10	116.02
167.00	14.70	31.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

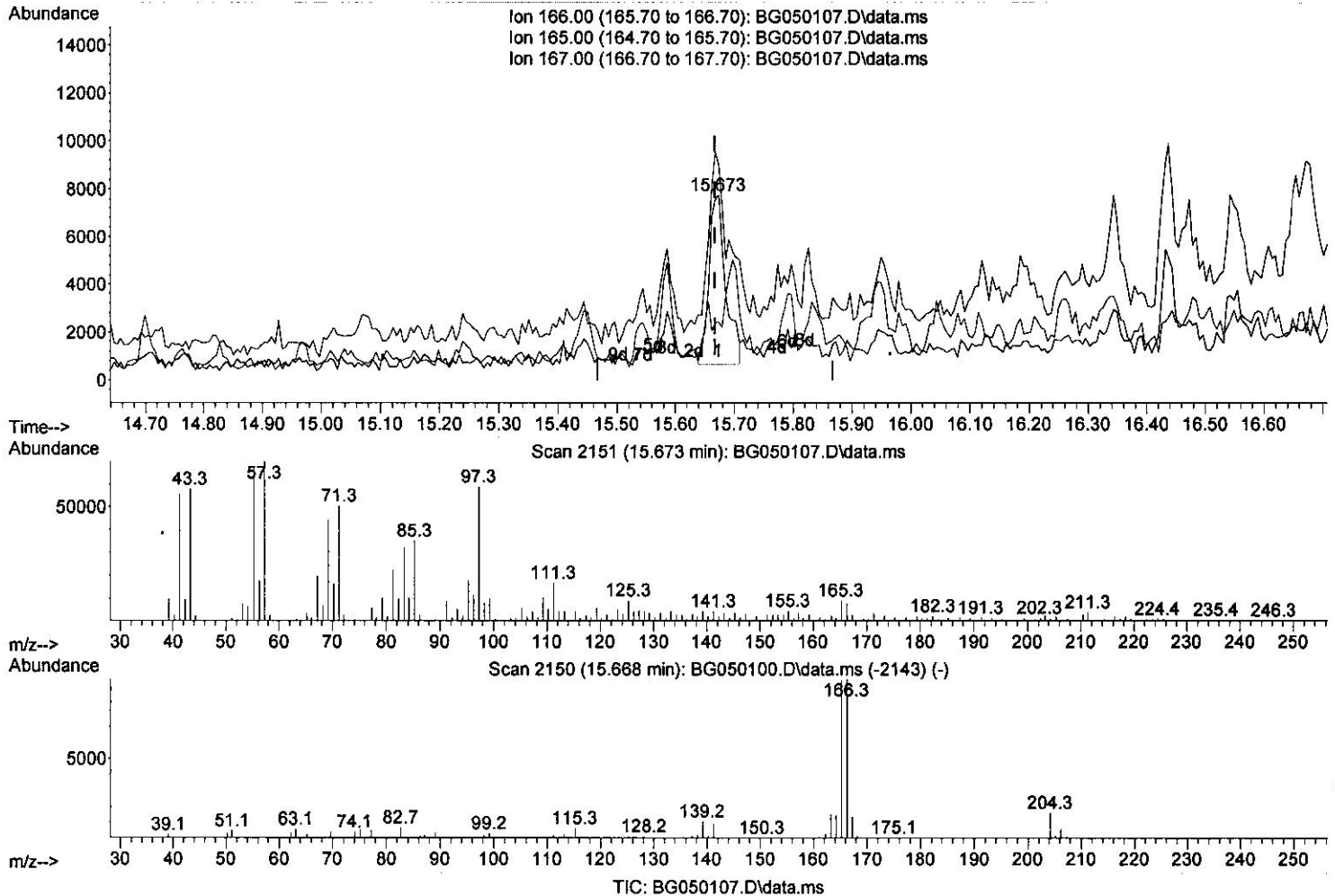
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(61) Fluorene

15.673min (+ 0.006) 2.97 ng/ul m3 JV 21814

response 14130

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	104.10	116.02
167.00	14.70	31.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

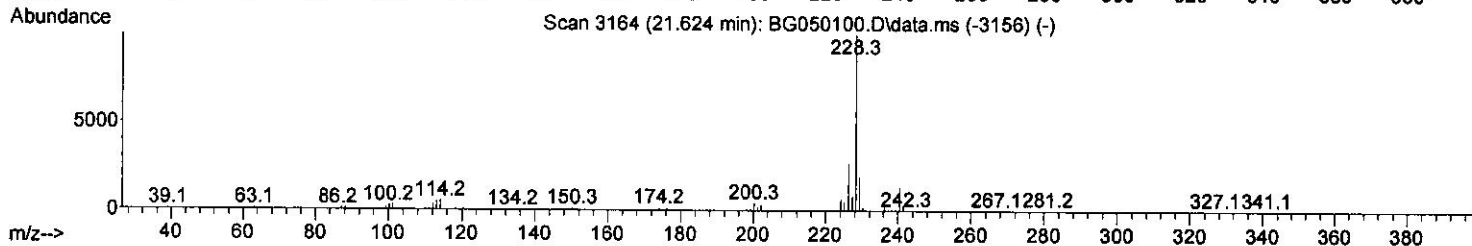
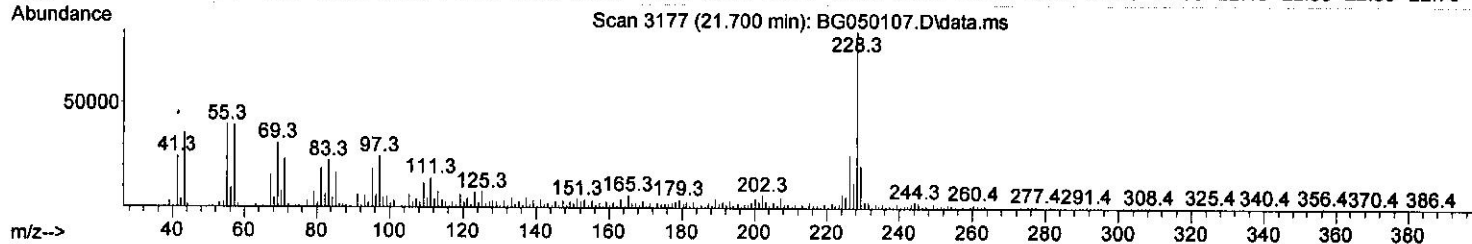
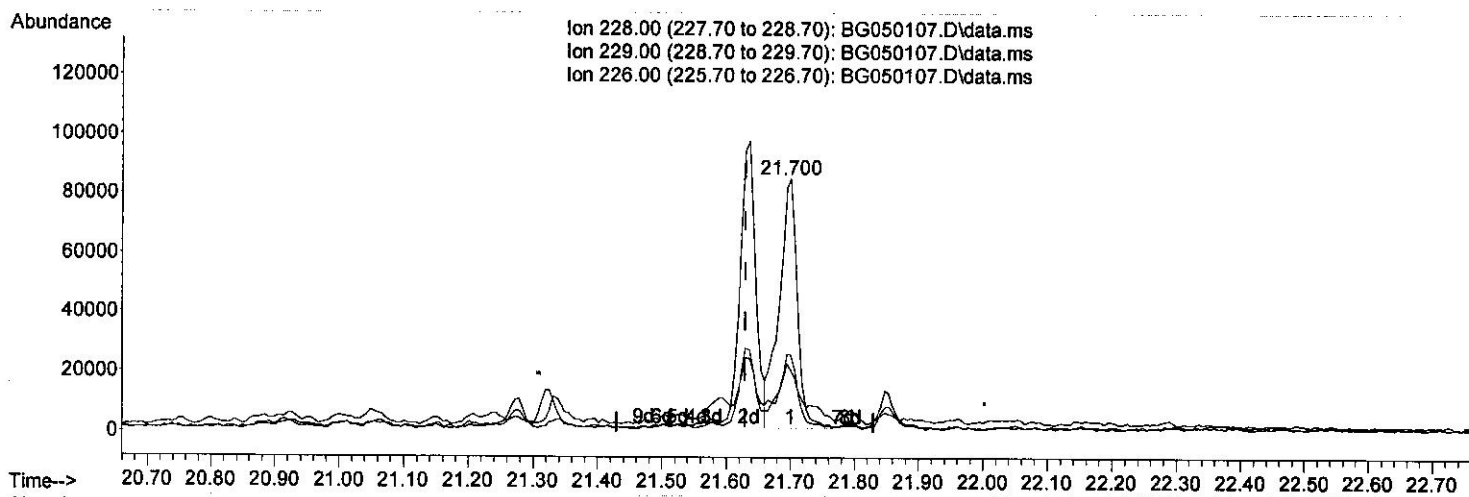
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TIC: BG050107.D\data.ms

(85) Benzo(a)anthracene

21.700min (+ 0.070) 20.02 ng/ul

response 165983

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.30	24.21
226.00	26.20	30.34
0.00	0.00	0.00

Quantitation Report (Qedit)

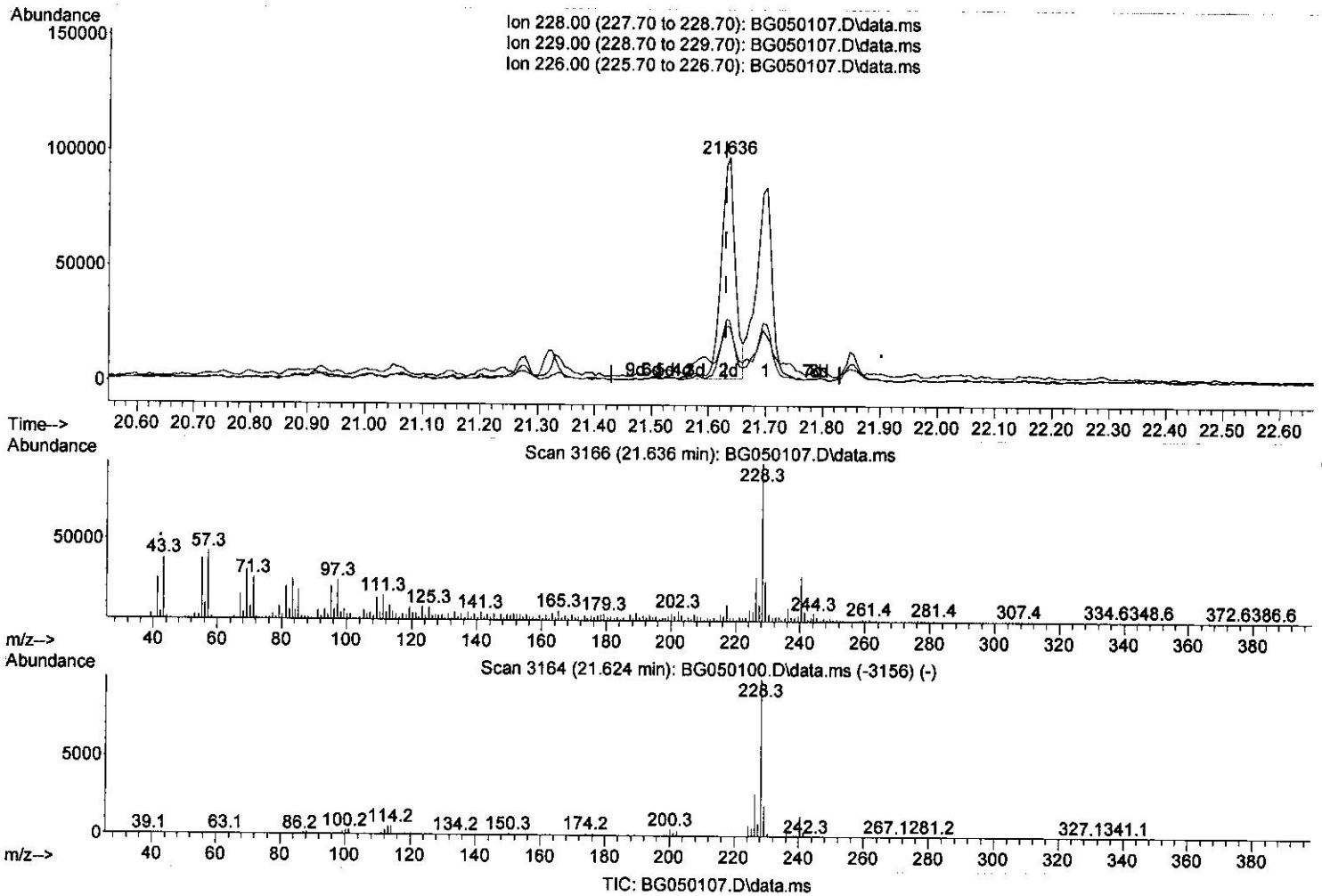
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 Response via : Initial Calibration



(85) Benzo(a)anthracene

21.636min (+ 0.006) 20.19 ng/ul m {20.19 ng/ul}

response 167401

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.30	25.21#
226.00	26.20	27.91
0.00	0.00	0.00

Quantitation Report (Qedit)

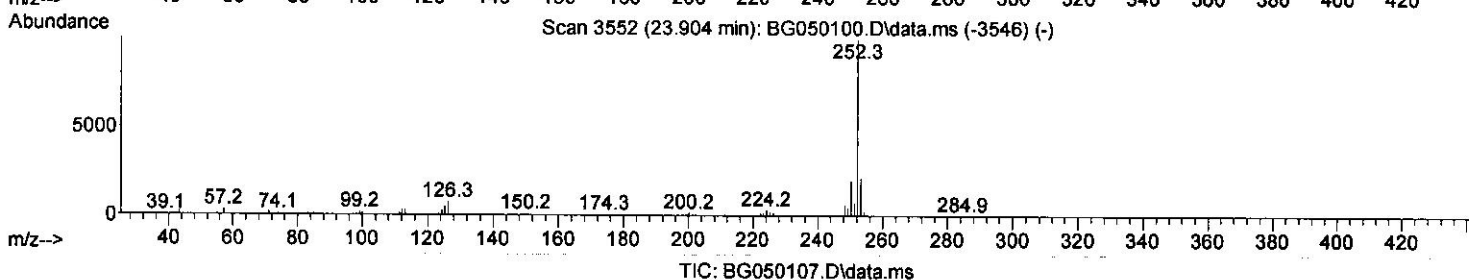
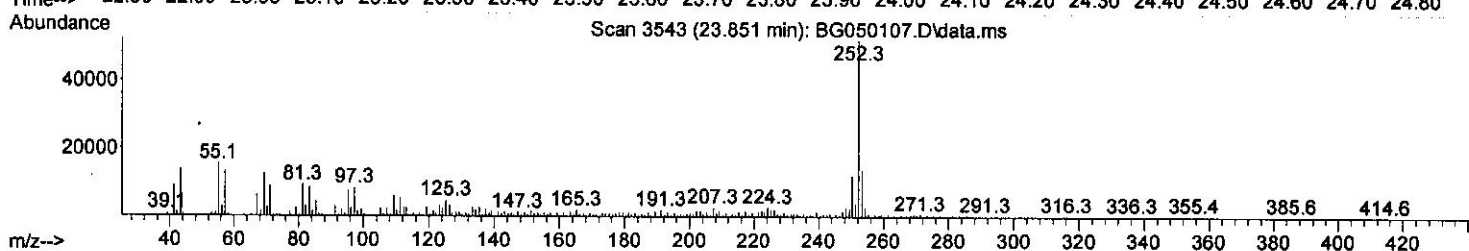
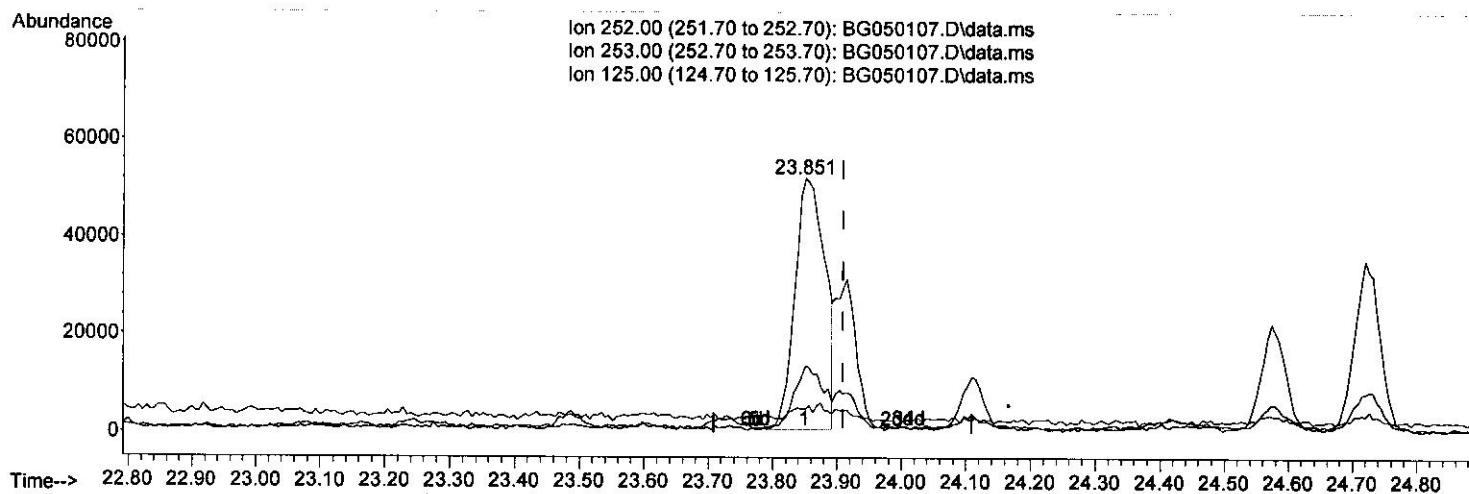
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050107.D
 Acq On : 2 Sep 2021 21:53
 Operator : CG/JU
 Sample : M3526-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7C4

Quant Time: Sep 03 00:58:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:31:58 PM



(91) Benzo(k)fluoranthene

23.851min (-0.059) 19.71 ng/ul

response 165954

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	26.30
125.00	5.10	9.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

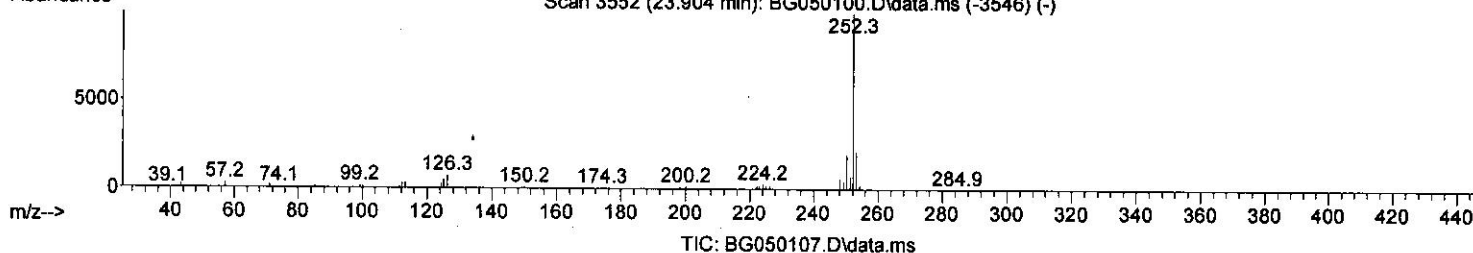
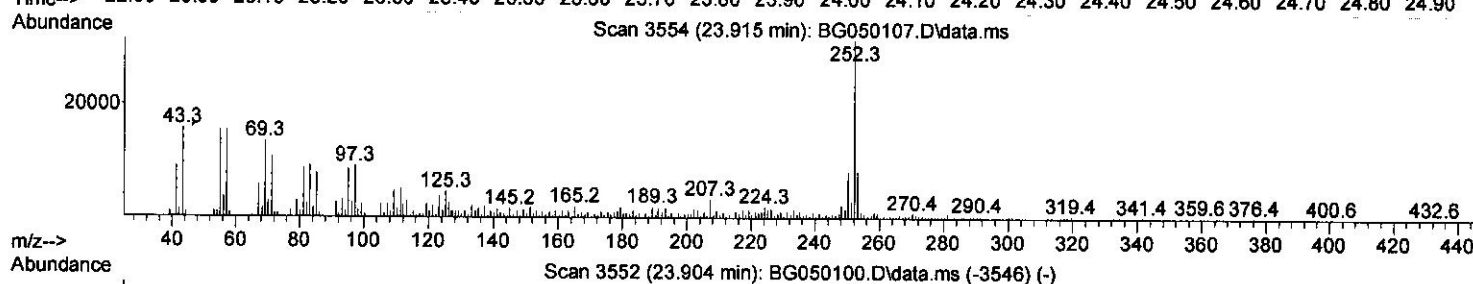
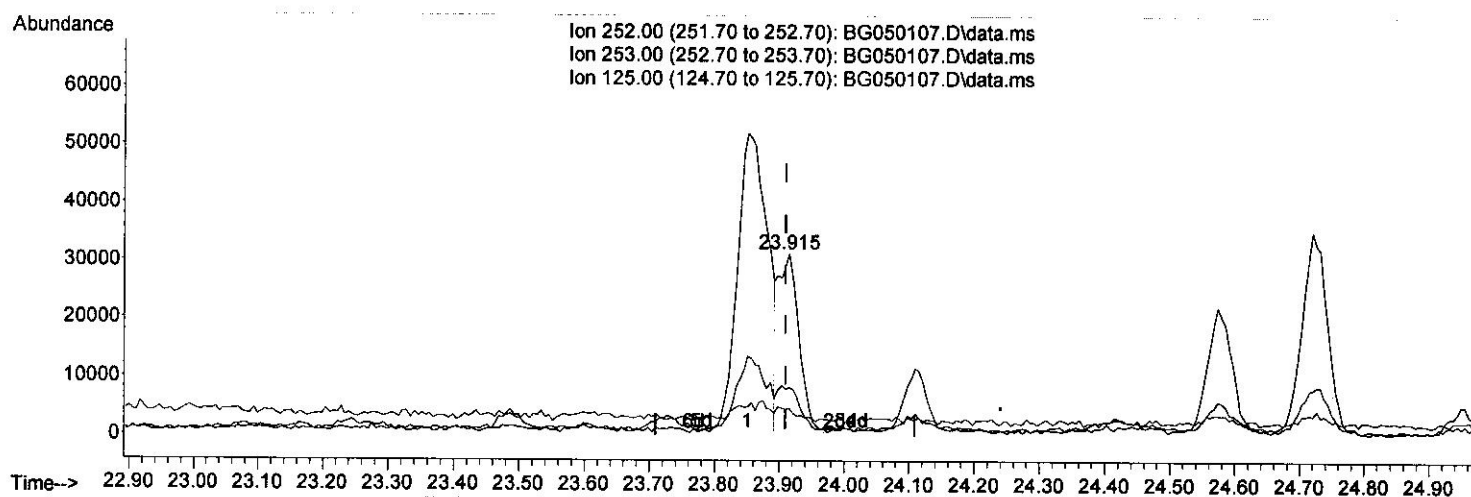
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050107.D
 Acq On : 2 Sep 2021 21:53
 Operator : CG/JU
 Sample : M3526-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7C4

Quant Time: Sep 03 00:58:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(91) Benzo(k)fluoranthene

23.915min (+ 0.006) 8.04 ng/ul m } 20 91 91.1

response 67704

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	26.50
125.00	5.10	14.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

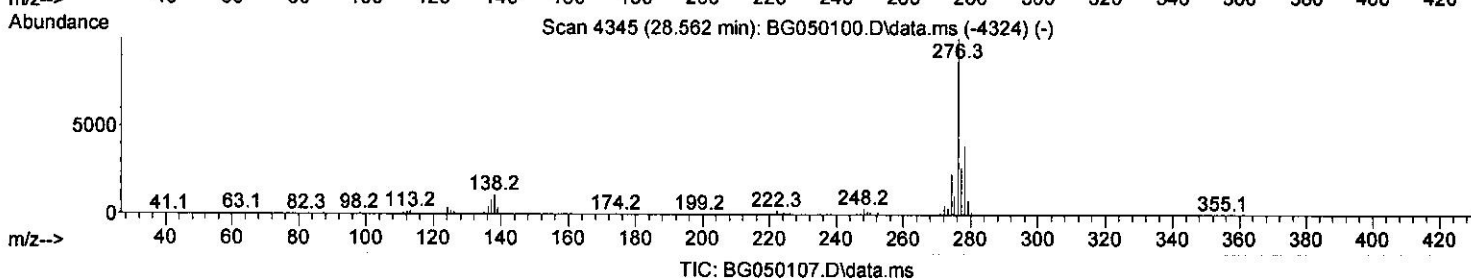
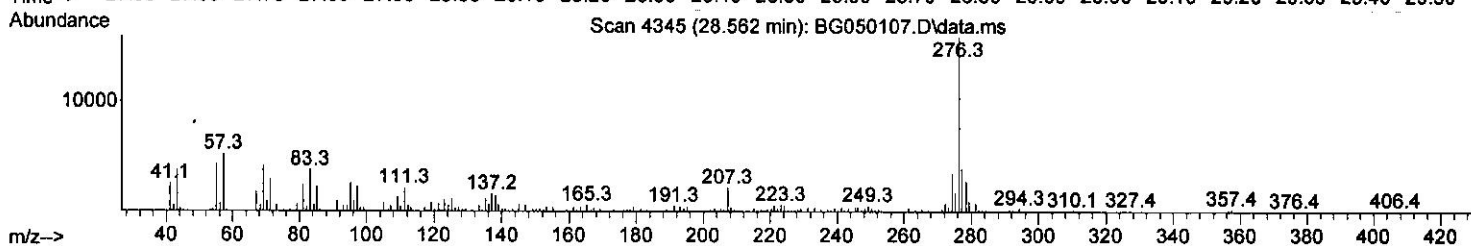
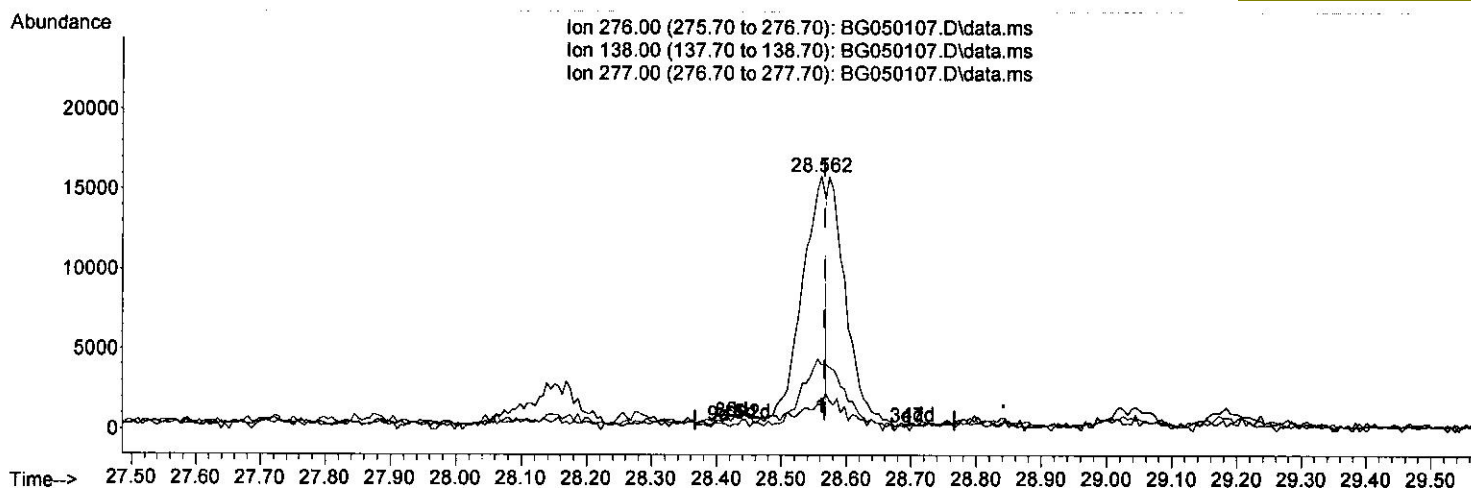
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050107.D
 Acq On : 2 Sep 2021 21:53
 Operator : CG/JU
 Sample : M3526-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7C4

Quant Time: Sep 03 00:58:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

28.562min (-0.006) 3.65 ng/ul

response 37081

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	10.11#
277.00	23.20	25.59
0.00	0.00	0.00

Quantitation Report (Qedit)

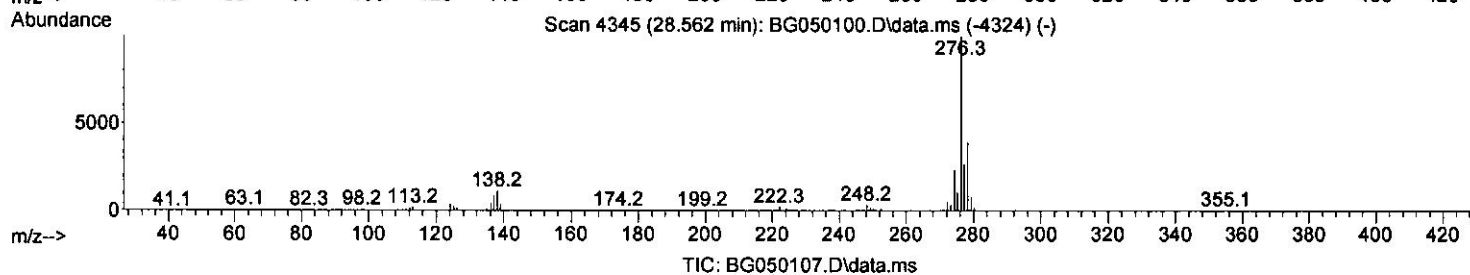
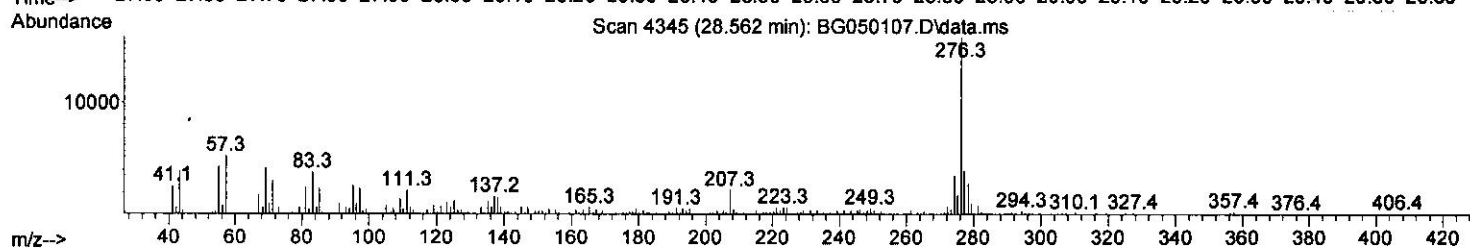
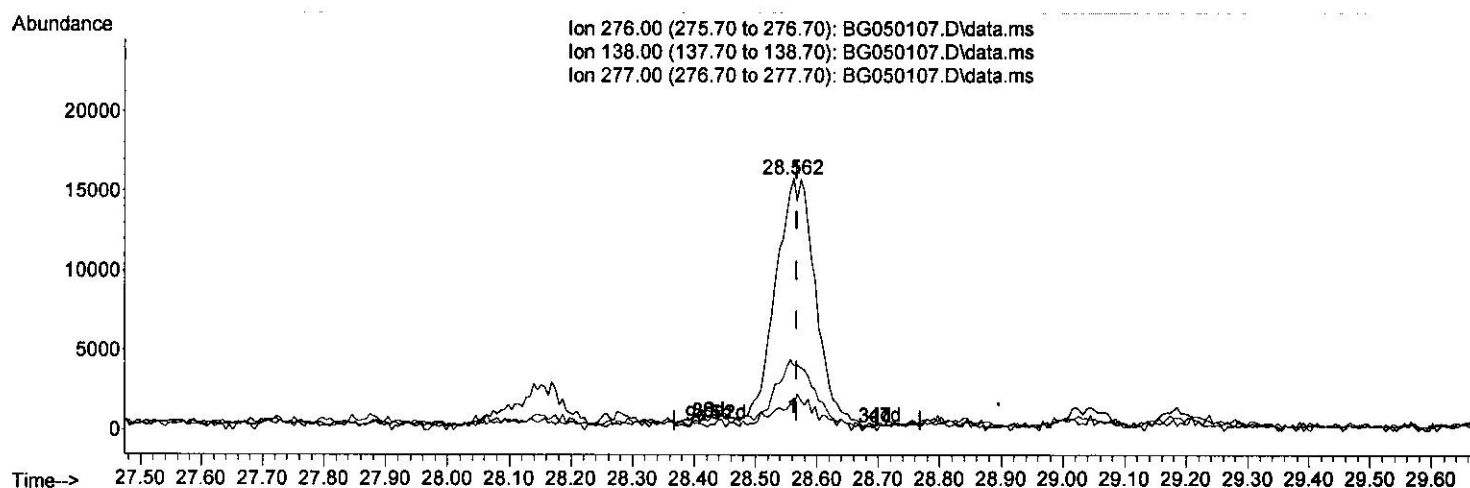
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050107.D
 Acq On : 2 Sep 2021 21:53
 Operator : CG/JU
 Sample : M3526-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7C4

Quant Time: Sep 03 00:58:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

28.562min (-0.006) 7.23 ng/ul m } 20 a 1821

response 73398

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	10.11#
277.00	23.20	25.59
0.00	0.00	0.00

Quantitation Report (Qedit)

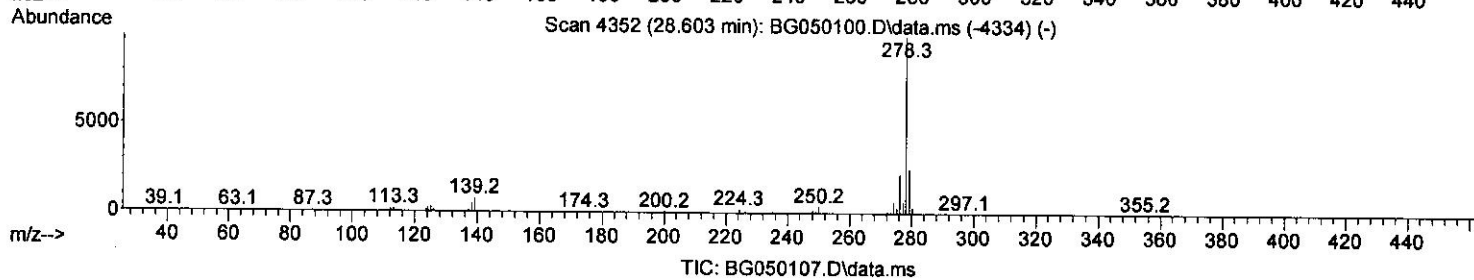
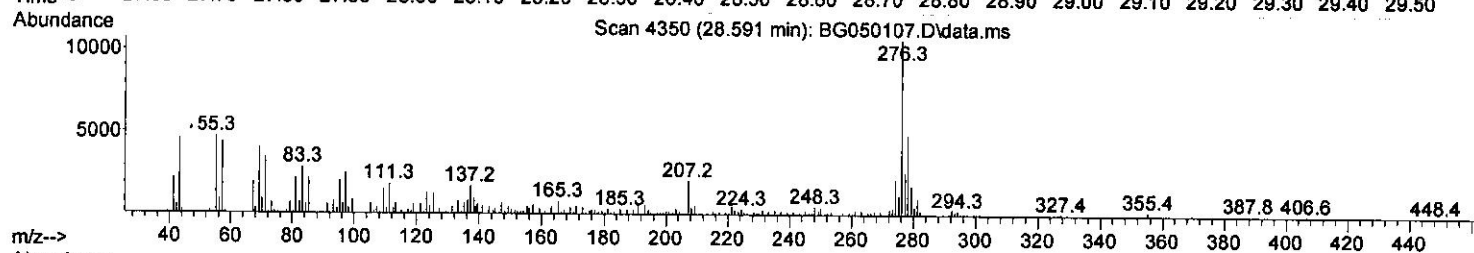
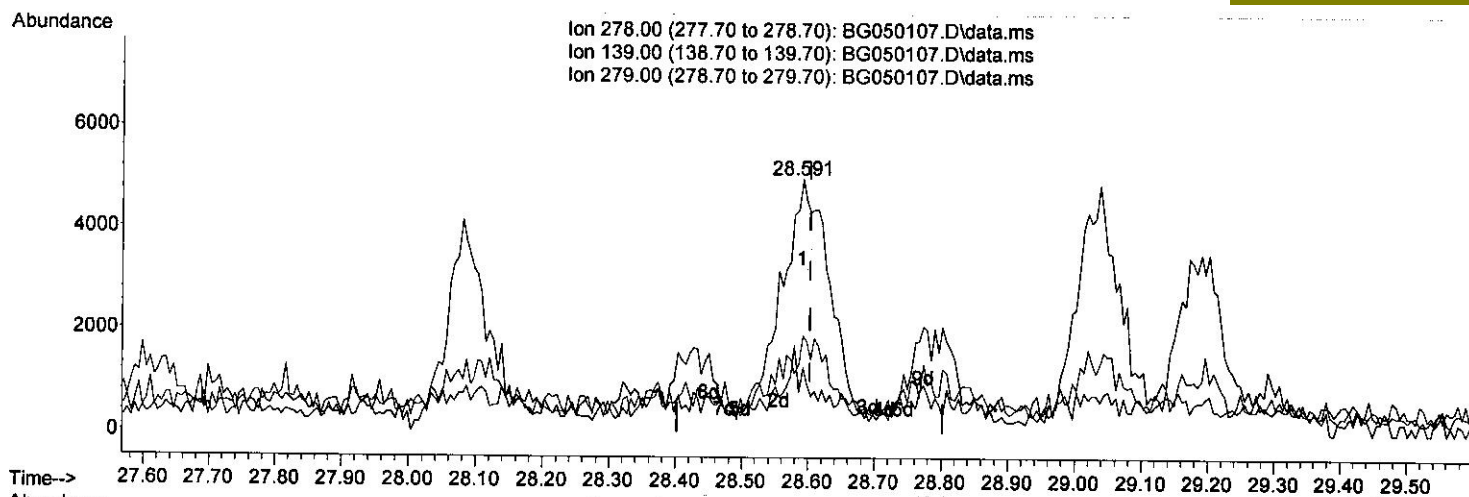
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050107.D
 Acq On : 2 Sep 2021 21:53
 Operator : CG/JU
 Sample : M3526-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7C4

Quant Time: Sep 03 00:58:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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(95) Dibenzo(a,h)anthracene

28.591min (-0.012) 0.28 ng/ul

response 2338

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	25.65#
279.00	23.70	37.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

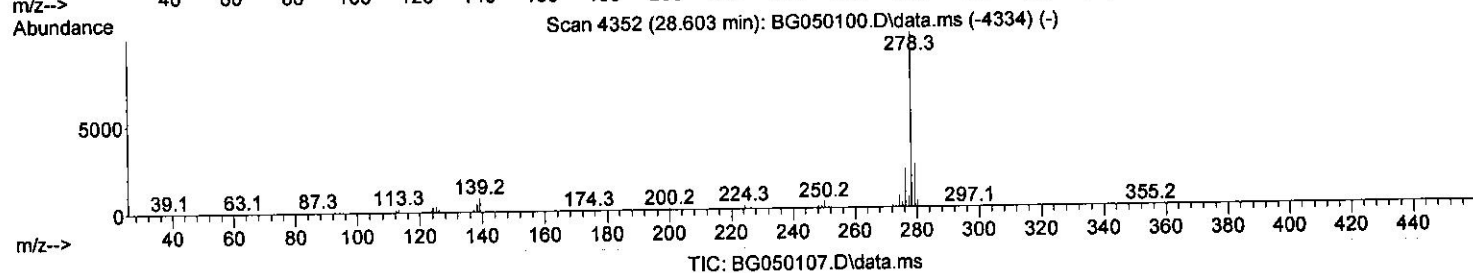
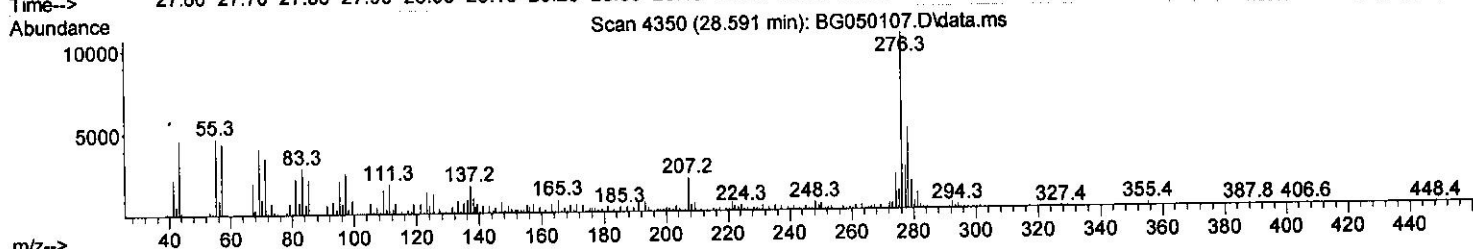
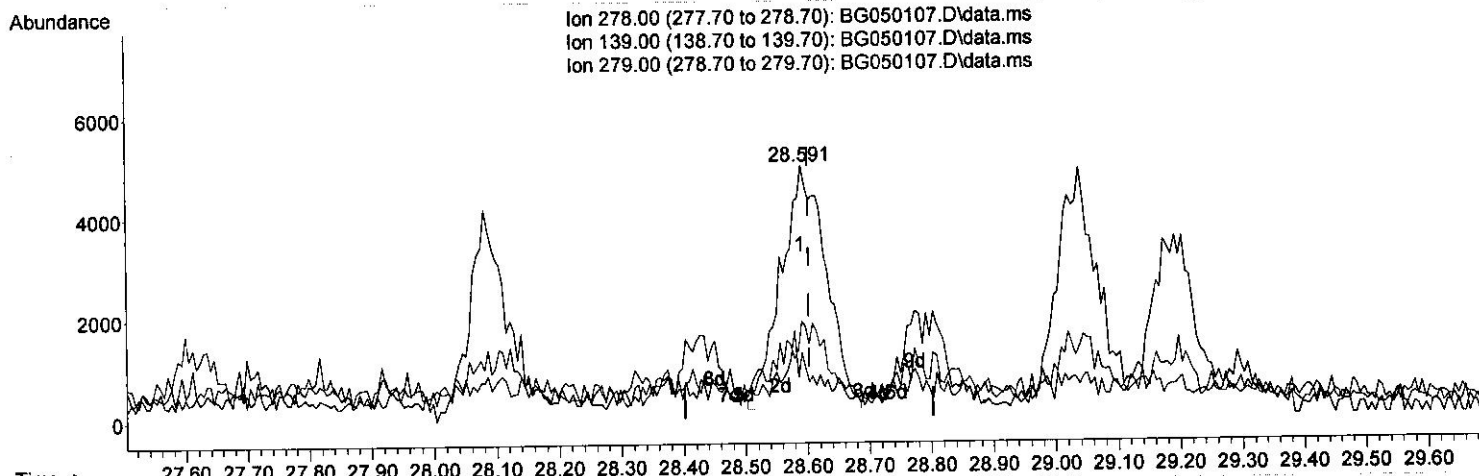
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050107.D
 Acq On : 2 Sep 2021 21:53
 Operator : CG/JU
 Sample : M3526-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7C4

Quant Time: Sep 03 00:58:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
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(95) Dibenzo (a,h)anthracene

28.591min (-0.012) 2.87 ng/ul m } 30 g/m2

response 24382

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	14.45#
279.00	23.70	37.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

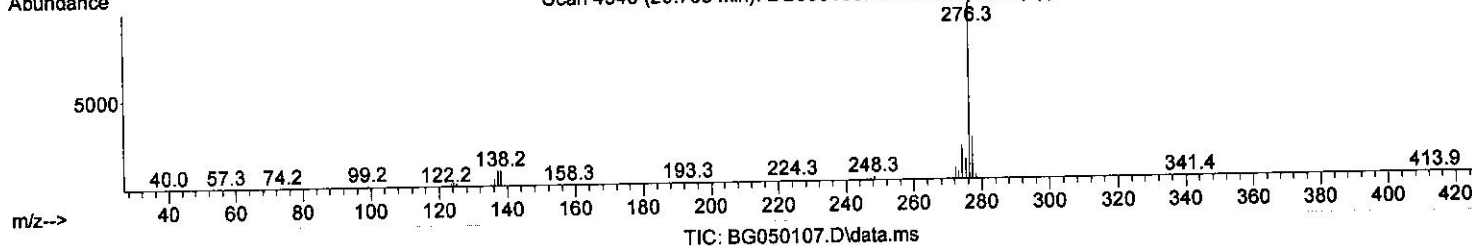
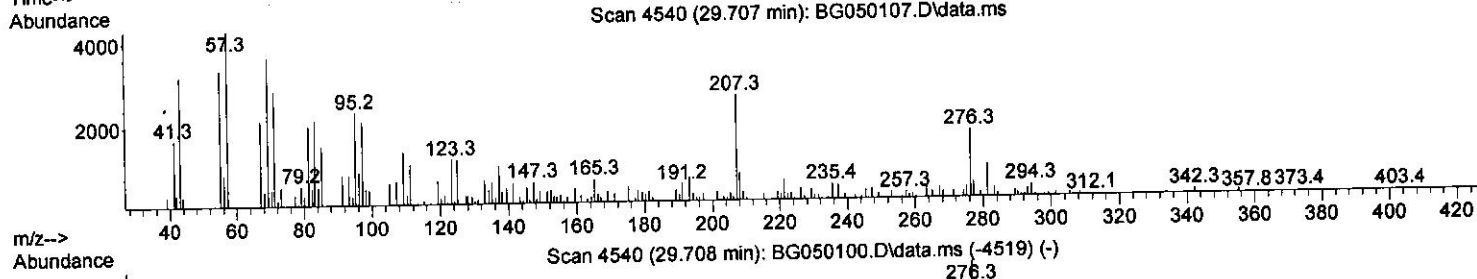
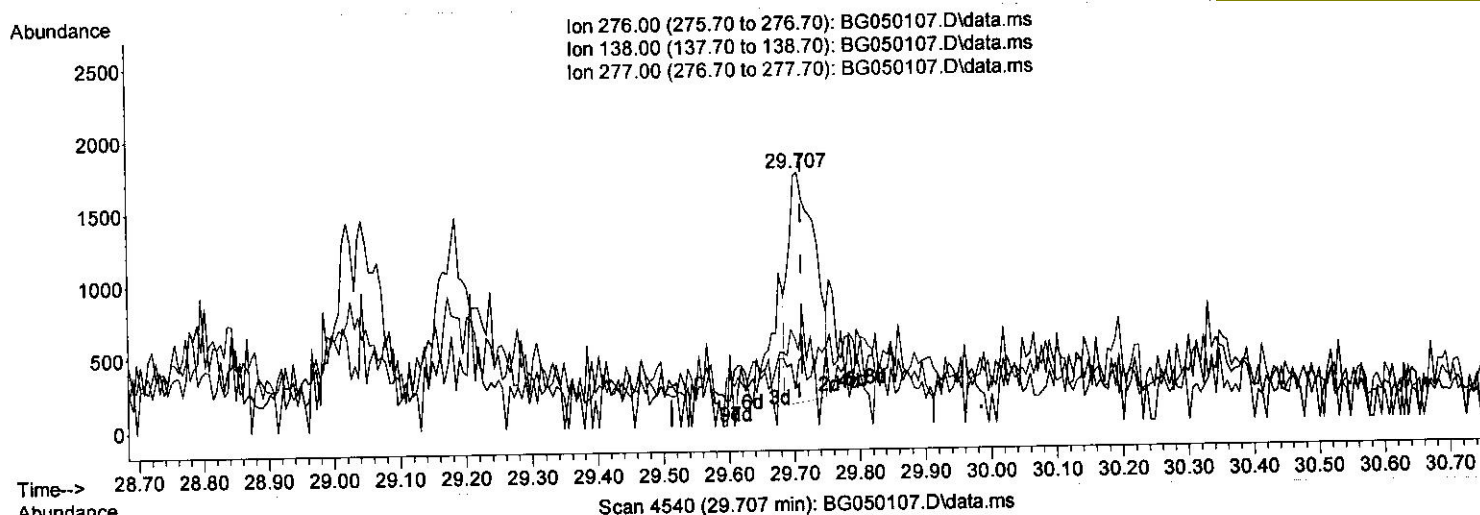
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050107.D
 Acq On : 2 Sep 2021 21:53
 Operator : CG/JU
 Sample : M3526-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7C4

Quant Time: Sep 03 00:58:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

29.707min (-0.006) 0.53 ng/ul

response 4514

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	24.81#
277.00	21.70	29.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

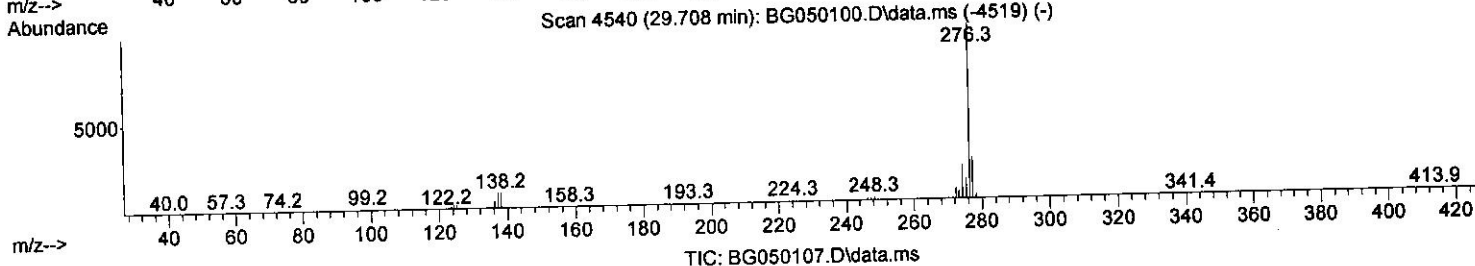
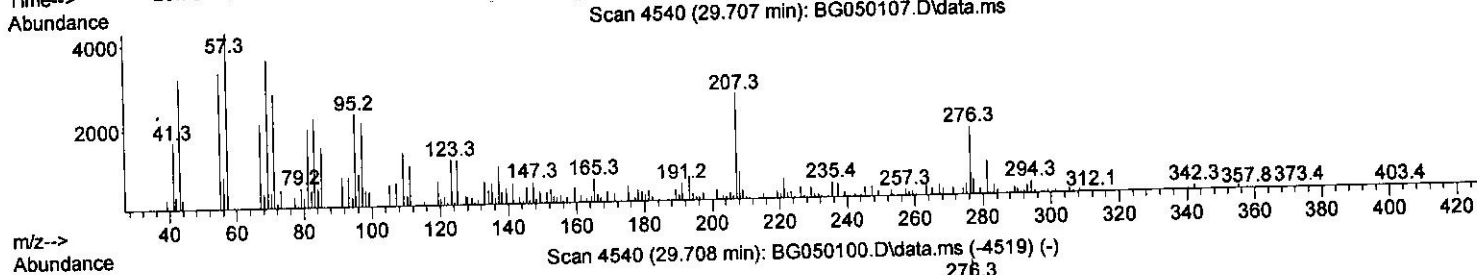
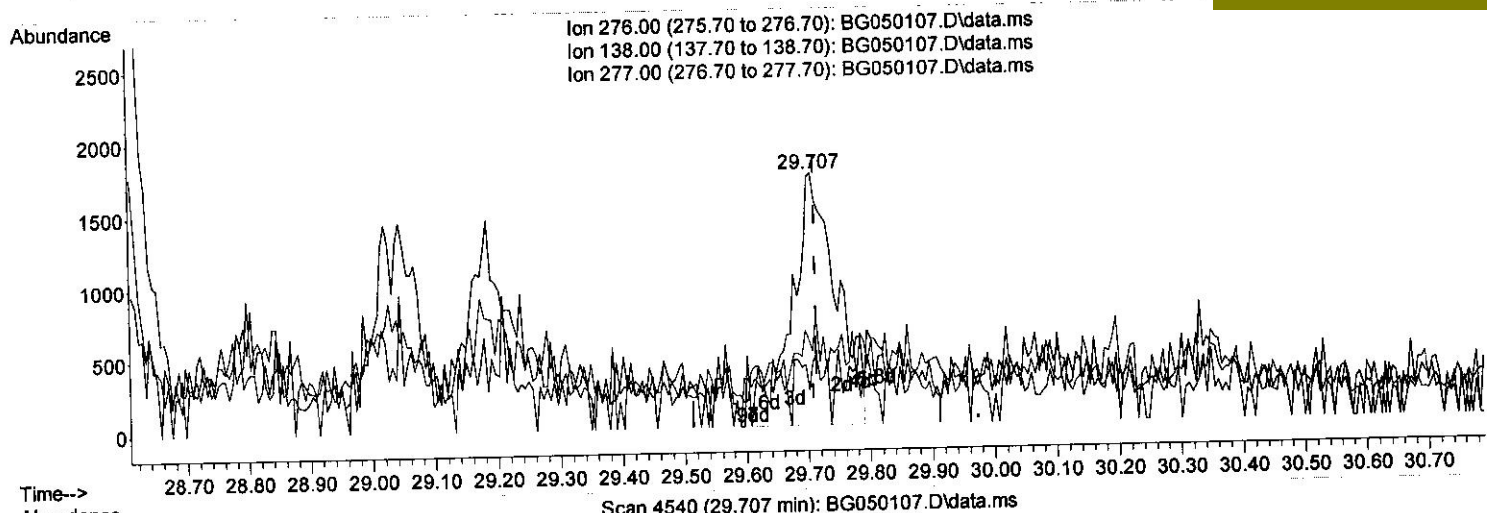
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050107.D
 Acq On : 2 Sep 2021 21:53
 Operator : CG/JU
 Sample : M3526-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7C4

Quant Time: Sep 03 00:58:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:31:58 PM



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

29.707min (-0.006) 1.04 ng/ul m } 20.91721

response 8841

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	24.81#
277.00	21.70	29.02#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050107.D
 Acq On : 2 Sep 2021 21:53
 Operator : CG/JU
 Sample : M3526-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7C4

Quant Time: Sep 03 00:58:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	29732	20.000	ng/ul	0.00
20) Naphthalene-d8	10.774	136	117115	20.000	ng/ul #	0.00
38) Acenaphthene-d10	14.622	164	68544	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.377	188	131755	20.000	ng/ul #	0.00
79) Chrysene-d12	21.654	240	133081	20.000	ng/ul	0.00
88) Perylene-d12	24.873	264	138457	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	1276m	2.213	ng/ul	0.00
4) Pyridine-d5	3.754	84	10829m	6.235	ng/ul	0.01
7) Phenol-d5	7.126	99	28442	11.265	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.273	67	16240	11.578	ng/ul	0.00
11) 2-Chlorophenol-d4	7.484	132	21024	11.129	ng/ul	0.00
15) 4-Methylphenol-d8	8.677	113	15287	7.688	ng/ul	0.00
21) Nitrobenzene-d5	9.123	128	11459	12.620	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	12969	11.996	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	21678	11.242	ng/ul	0.00
31) 4-Chloroaniline-d4	10.915	131	13206m	5.031	ng/ul	0.00
46) Dimethylphthalate-d6	14.011	166	68093	12.981	ng/ul	-0.01
49) Acenaphthylene-d8	14.310	160	83845	13.632	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	6838	9.010	ng/ul	0.01
60) Fluorene-d10	15.615	176	59675	13.417	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.750	200	10955	12.924	ng/ul	0.00
73) Anthracene-d10	17.477	188	84050	14.206	ng/ul	0.00
81) Pyrene-d10	19.768	212	98440	13.688	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.649	264	83498	11.367	ng/ul	0.00
Target Compounds						
25) 2-Nitrophenol	9.875	139	1389m	1.321	ng/ul	
30) Naphthalene	10.821	128	9374	1.601	ng/ul#	81
36) 2-Methylnaphthalene	12.437	142	7383	1.697	ng/ul	95
37) 1-Methylnaphthalene	12.660	142	6278m	1.429	ng/ul	
52) Acenaphthene	14.681	153	10033	2.460	ng/ul	89
56) Dibenzofuran	15.015	168	9250	1.638	ng/ul#	64
61) Fluorene	15.673	166	14130m	2.966	ng/ul	
72) Phenanthrene	17.418	178	152631	23.237	ng/ul#	94
74) Anthracene	17.512	178	55794	8.382	ng/ul#	86
77) Carbazole	17.782	167	10344	1.746	ng/ul#	18
80) Fluoranthene	19.439	202	308889	34.807	ng/ul	99
82) Pyrene	19.803	202	319566	36.340	ng/ul	99
85) Benzo(a)anthracene	21.636	228	167401m	20.187	ng/ul	
87) Chrysene	21.700	228	163337	20.837	ng/ul	96
90) Benzo(b)fluoranthene	23.851	252	165954	18.738	ng/ul#	91
91) Benzo(k)fluoranthene	23.915	252	67704m	8.042	ng/ul	
93) Benzo(a)pyrene	24.720	252	97786	12.713	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.562	276	73398m	7.234	ng/ul	
95) Dibenzo(a,h)anthracene	28.591	278	24382m	2.871	ng/ul	
96) Benzo(g,h,i)perylene	29.707	276	8841m	1.036	ng/ul	

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