

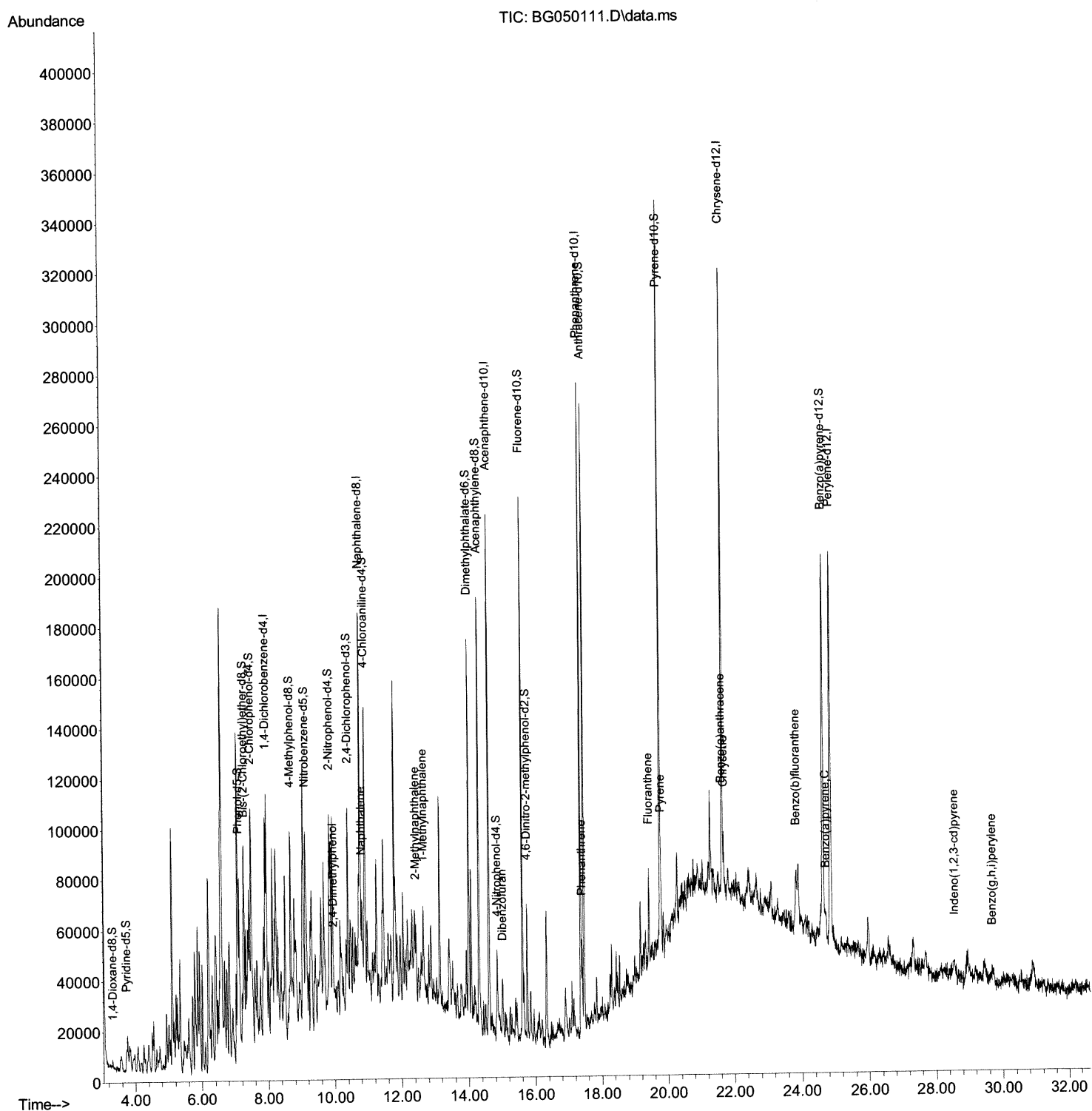
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050111.D
Acq On : 3 Sep 2021 00:37
Operator : CG/JU
Sample : M3526-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7B6

Manual Integrations
APPROVED

mohammad
9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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)

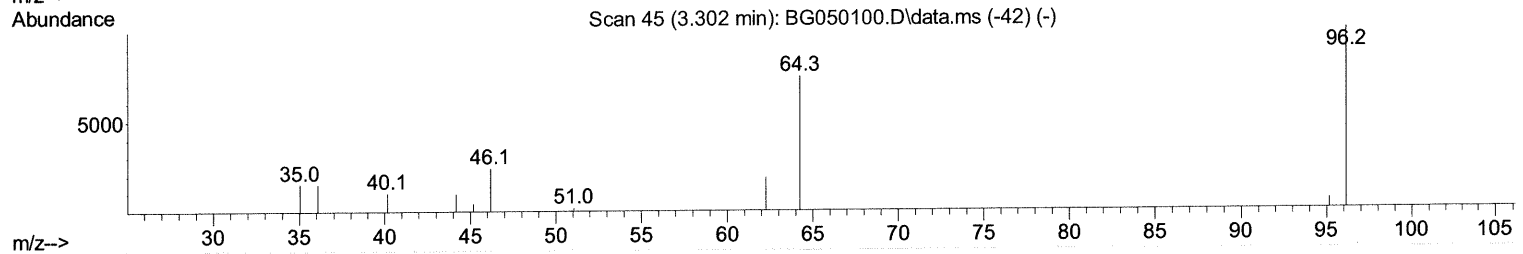
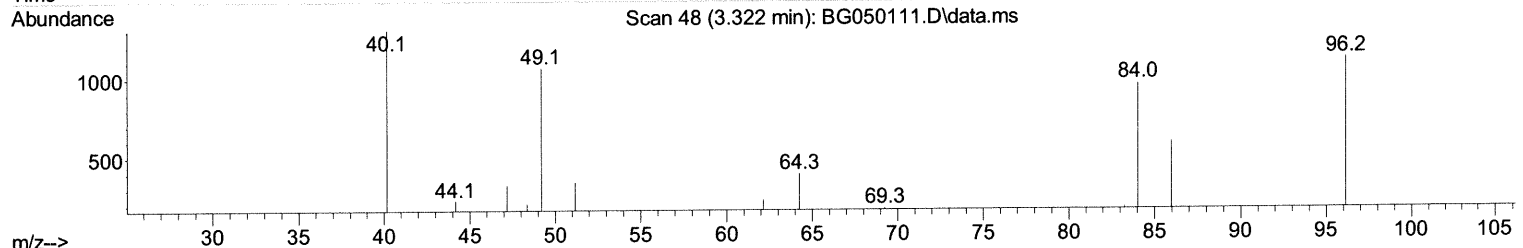
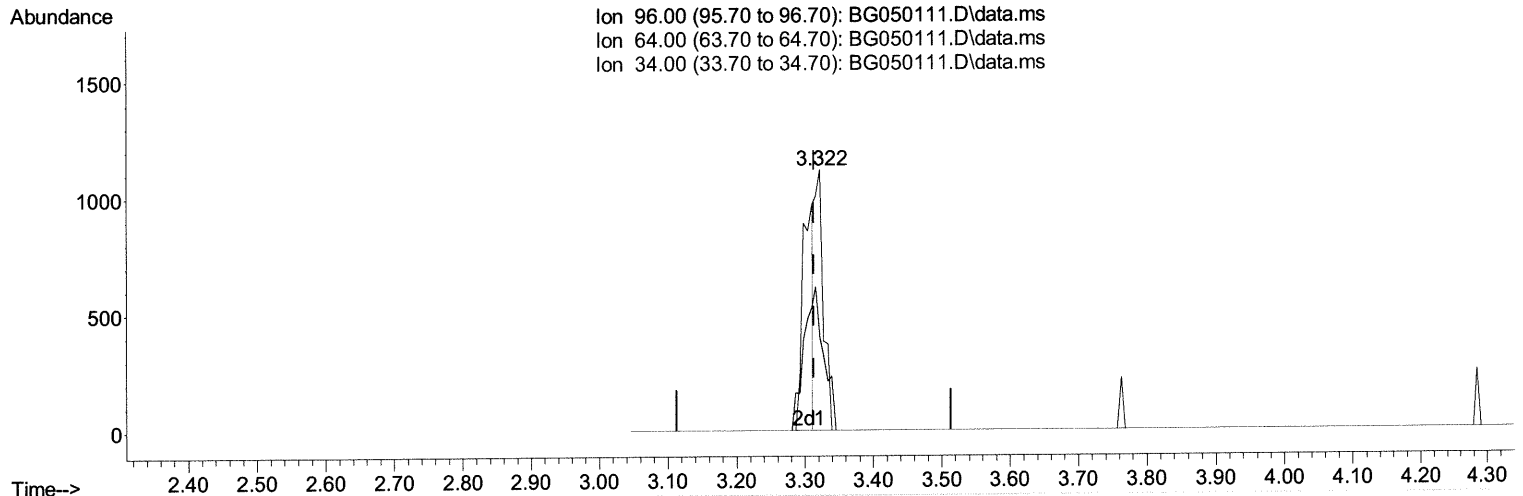
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



TIC: BG050111.D\data.ms

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

3.322min (+ 0.008) 1.98 ng/uL

response 1010

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	35.55#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

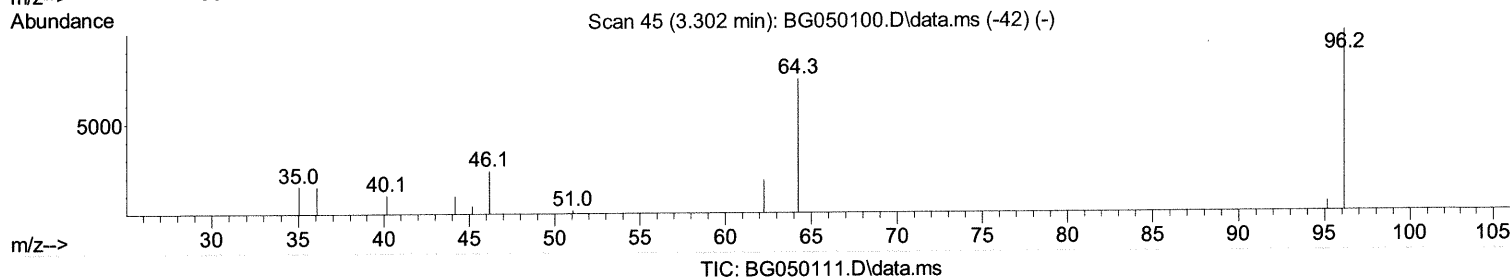
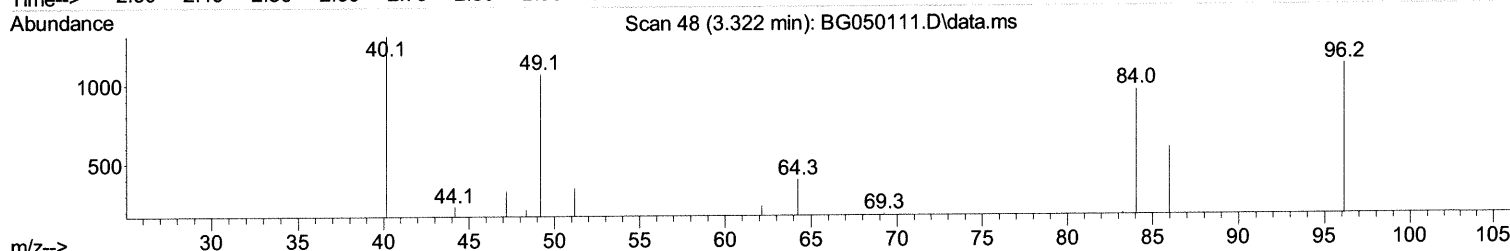
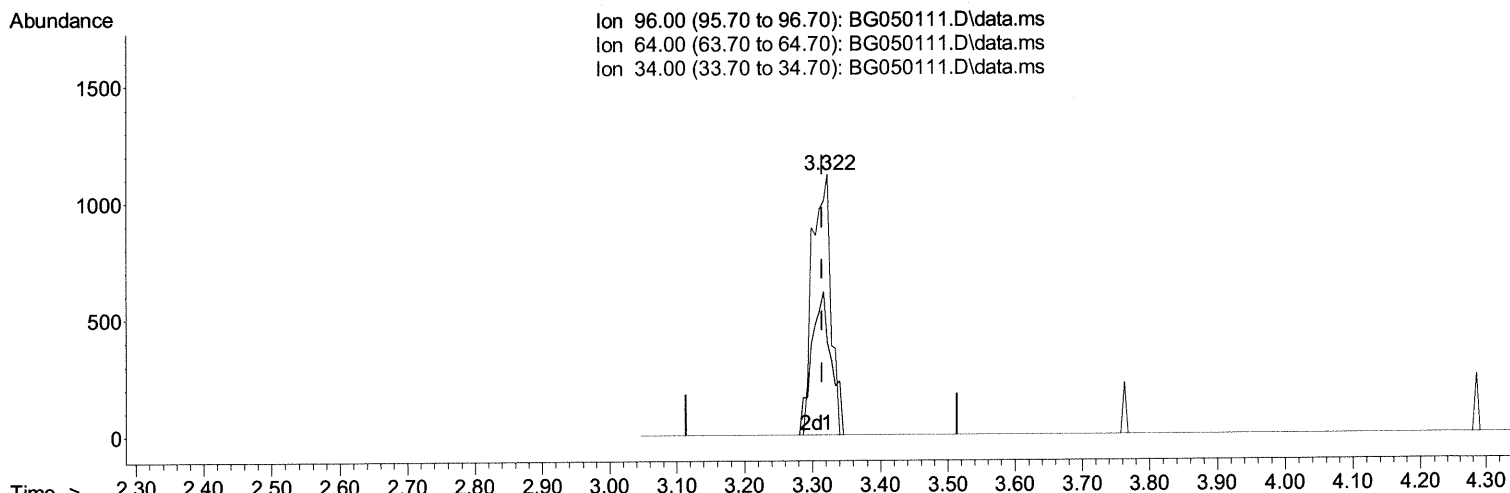
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



TIC: BG050111.D\data.ms

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

3.322min (+ 0.008) 4.01 ng/uL m

response 2043

349/8/21

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	35.55#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

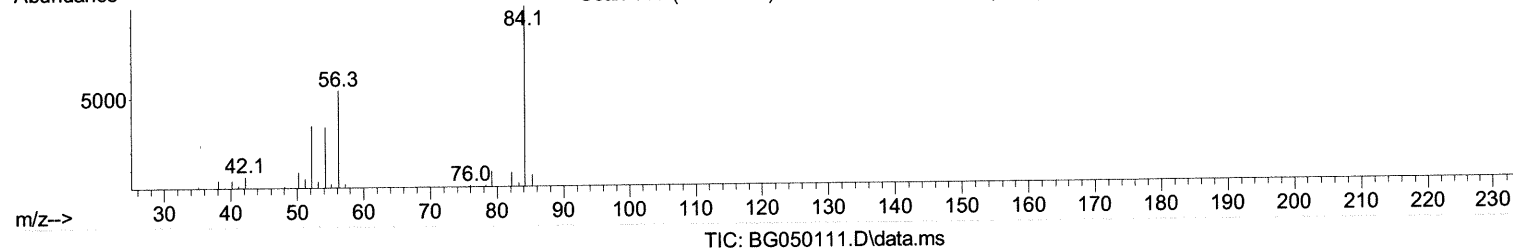
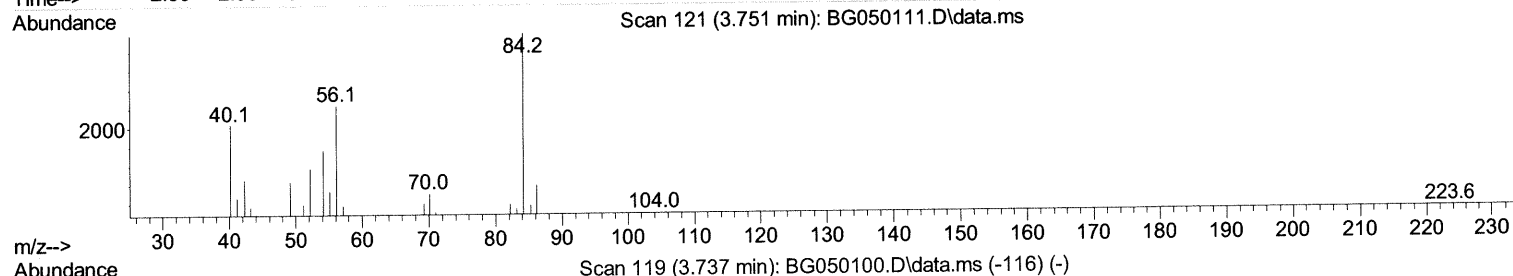
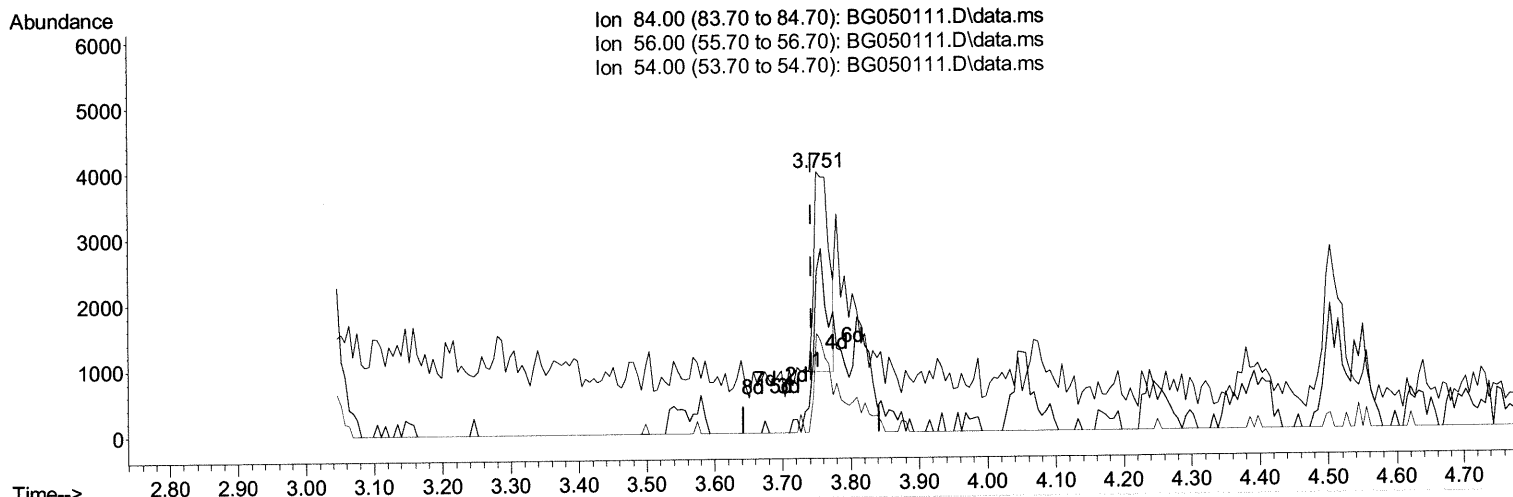
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



(4) Pyridine-d5 (S)

3.751min (+ 0.008) 3.03 ng/ul

response 4647

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	62.00
54.00	37.00	38.10
0.00	0.00	0.00

Quantitation Report (Qedit)

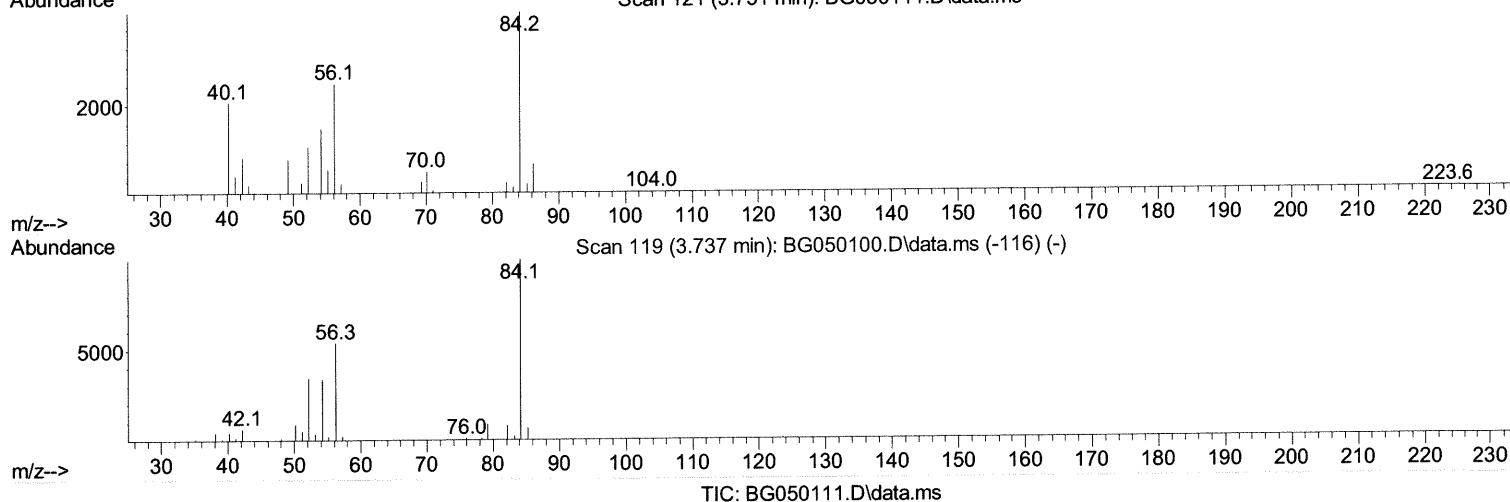
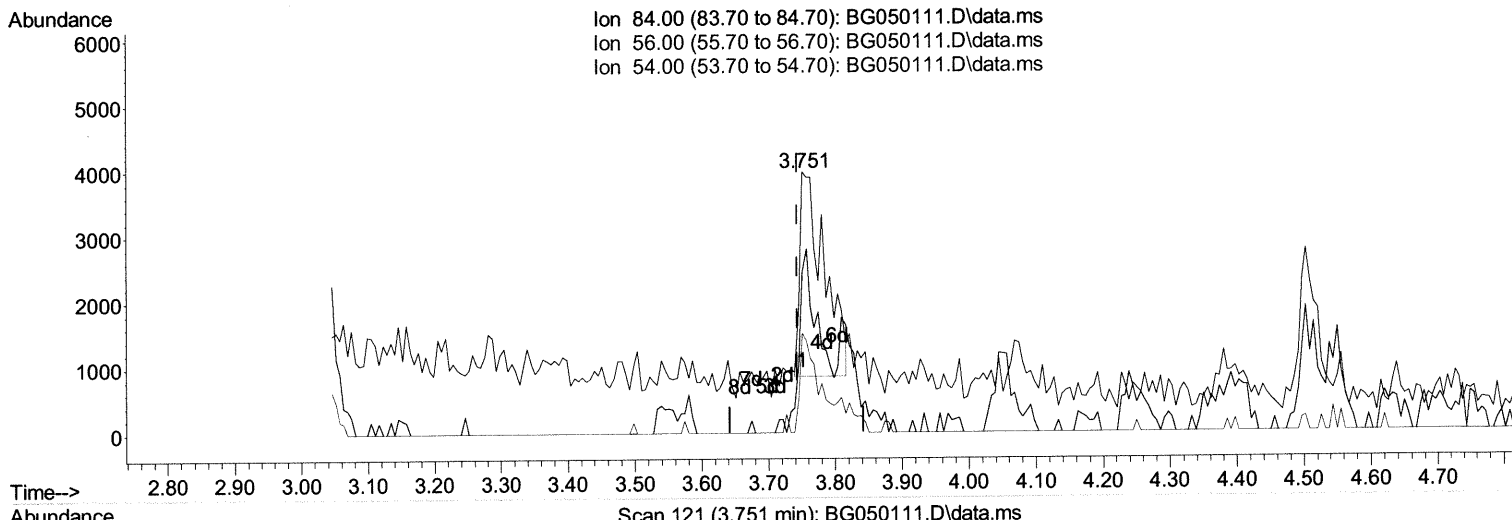
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



(4) Pyridine-d5 (S)

3.751min (+ 0.008) 5.15 ng/ul m

response 7903

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	62.00
54.00	37.00	38.10
0.00	0.00	0.00

Quantitation Report (Qedit)

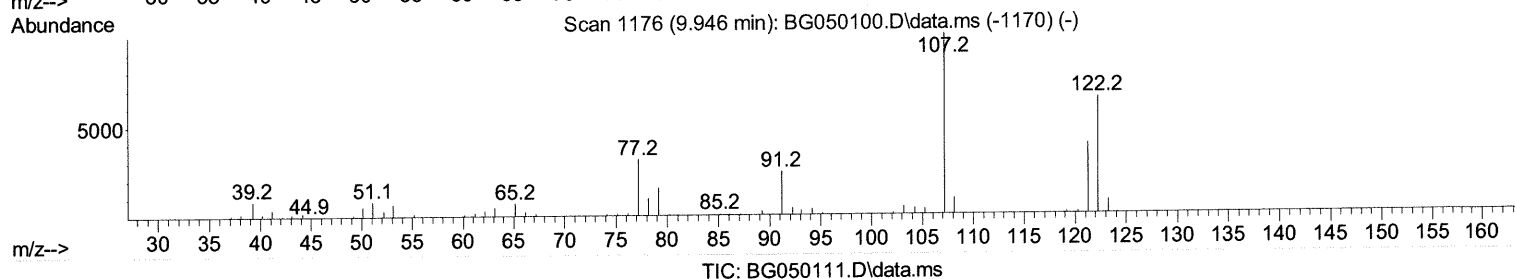
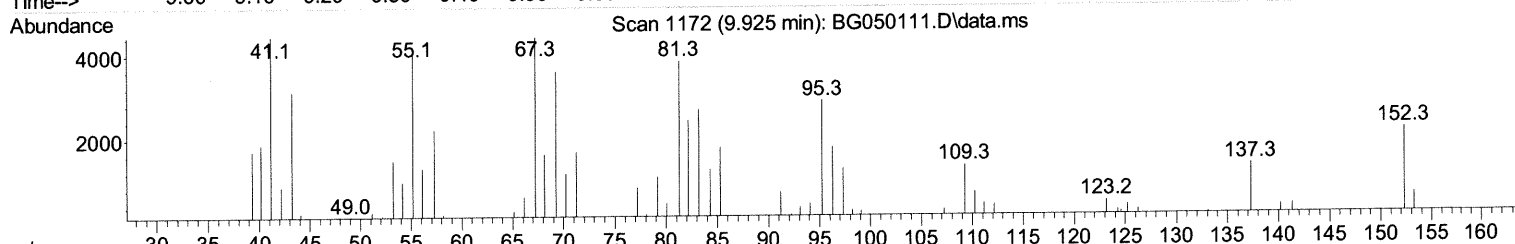
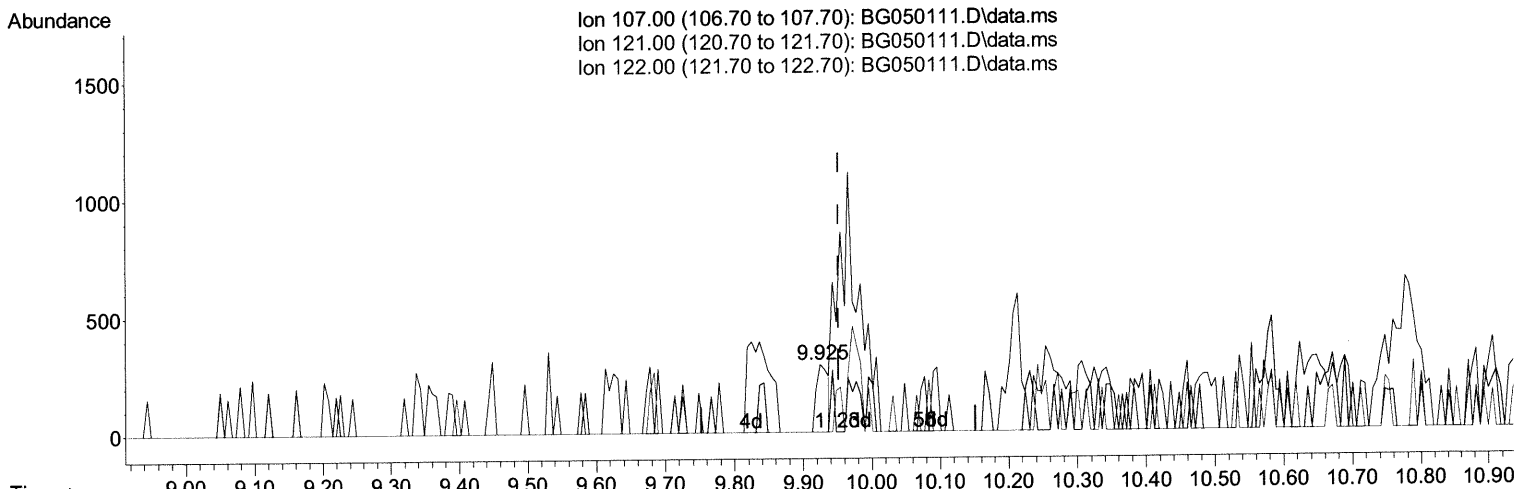
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



(26) 2,4-Dimethylphenol

9.925min (-0.027) 0.16 ng/ul

response 344

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	40.90	0.00#
122.00	65.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

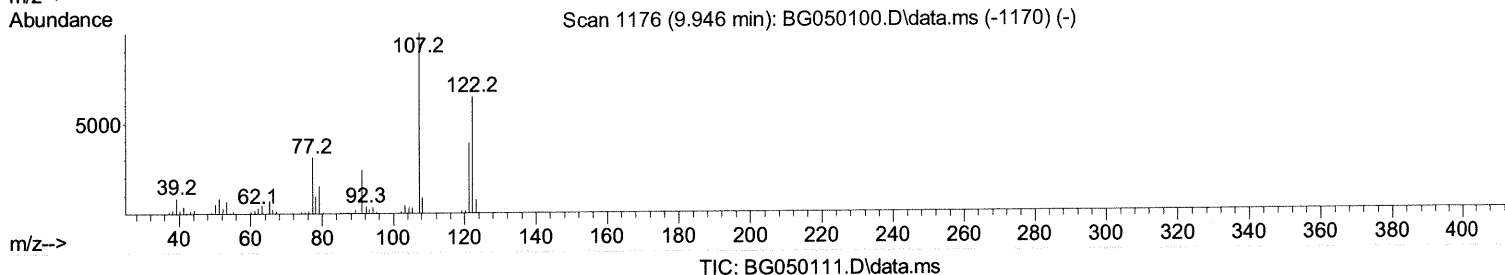
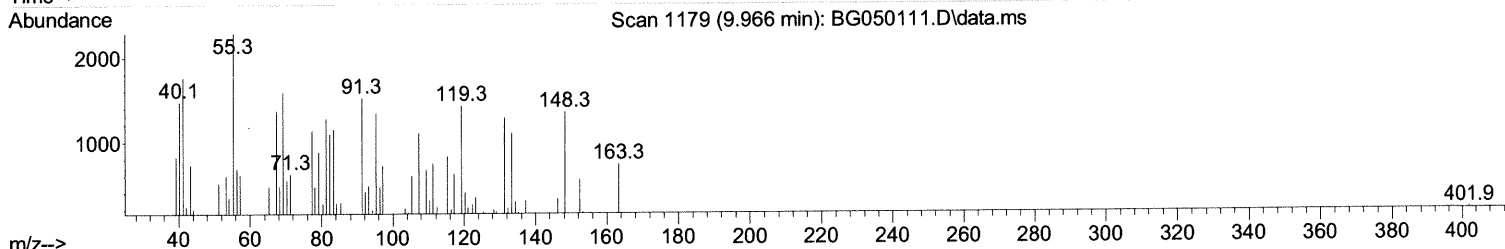
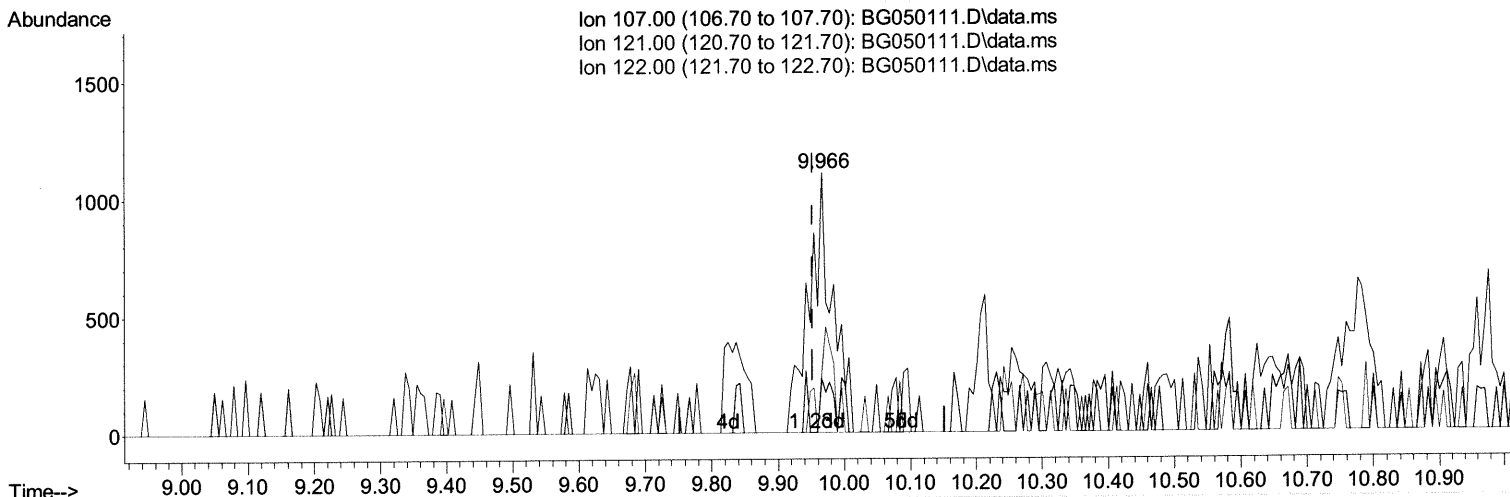
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050111.D
Acq On : 3 Sep 2021 00:37
Operator : CG/JU
Sample : M3526-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7B6

Manual Integrations
APPROVED

mohammad
9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



(26) 2,4-Dimethylphenol

9.966min (+ 0.014) 1.26 ng/ul m

response 2666

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	40.90	20.72#
122.00	65.80	23.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

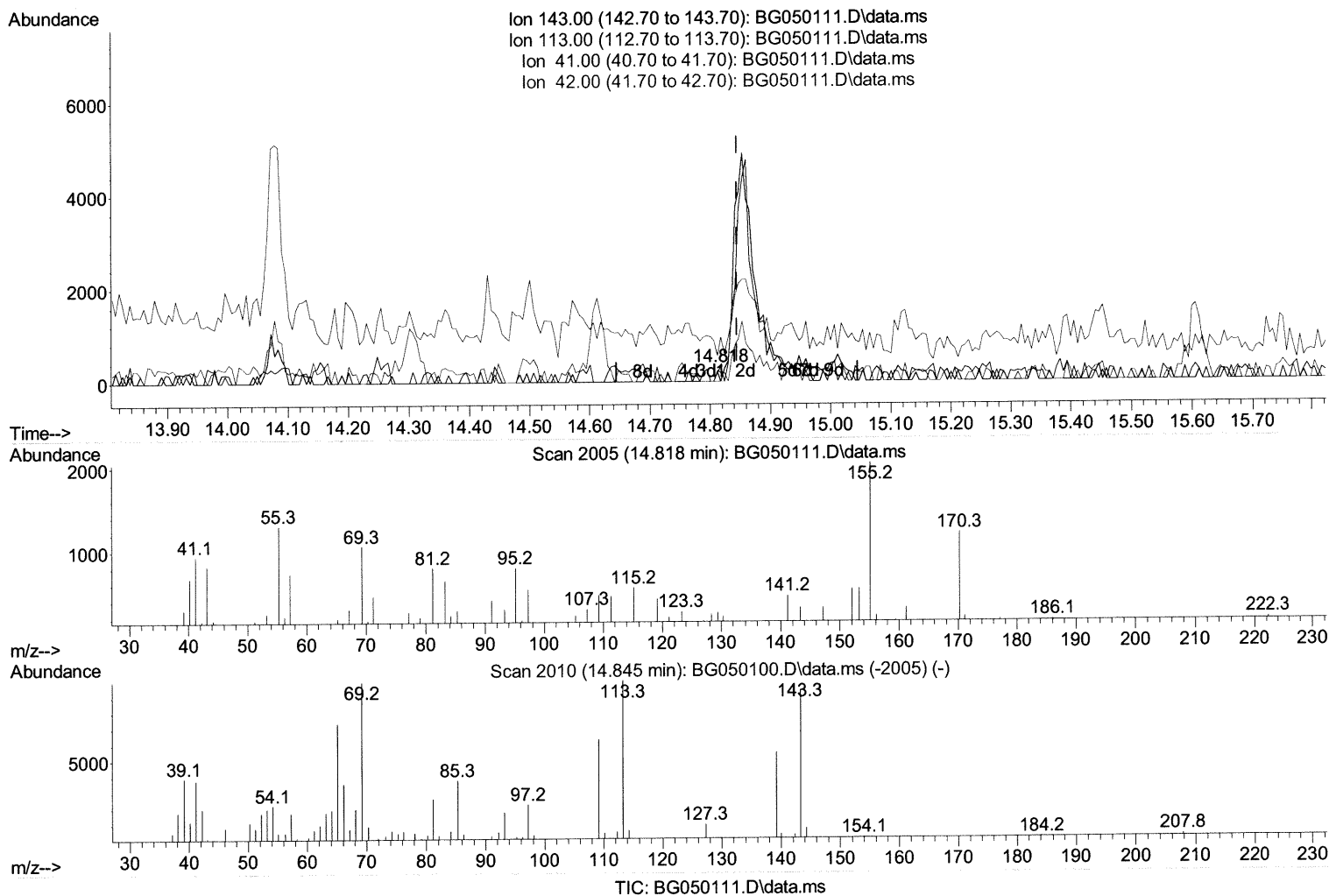
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050111.D
Acq On : 3 Sep 2021 00:37
Operator : CG/JU
Sample : M3526-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7B6

Manual Integrations
APPROVED

mohammad
9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



(54) 4-Nitrophenol-d4 (S)

14.818min (-0.027) 0.23 ng/ul

response 176

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	121.00	0.00#
41.00	45.30	294.98#
42.00	25.60	54.55#

Quantitation Report (Qedit)

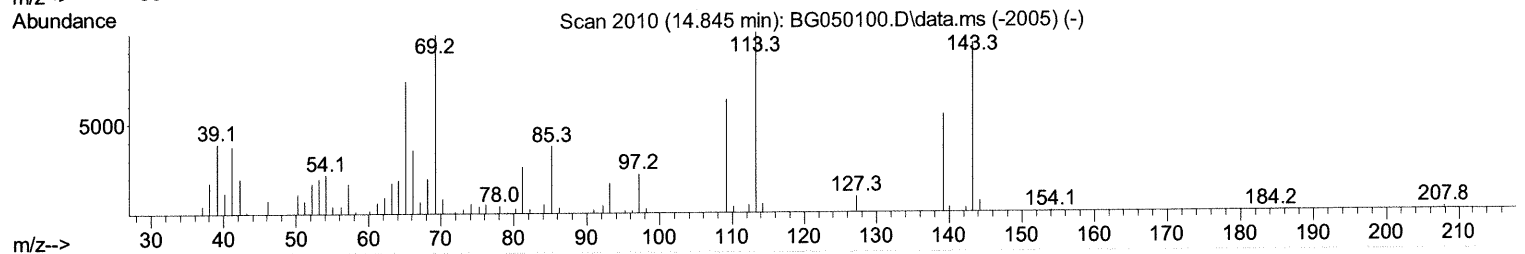
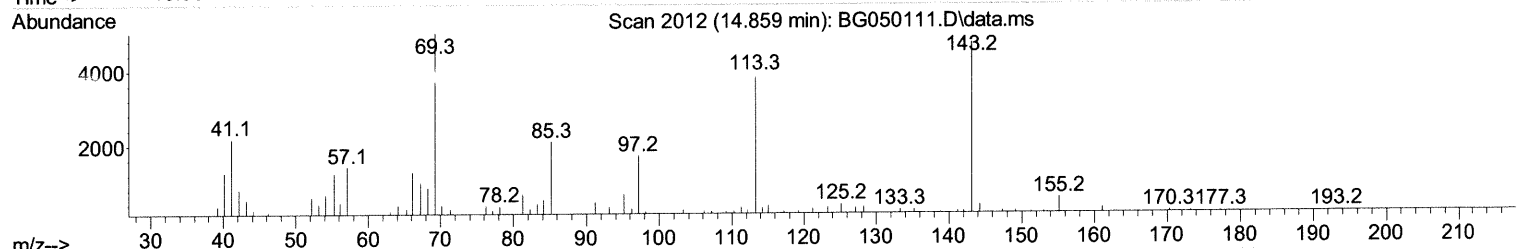
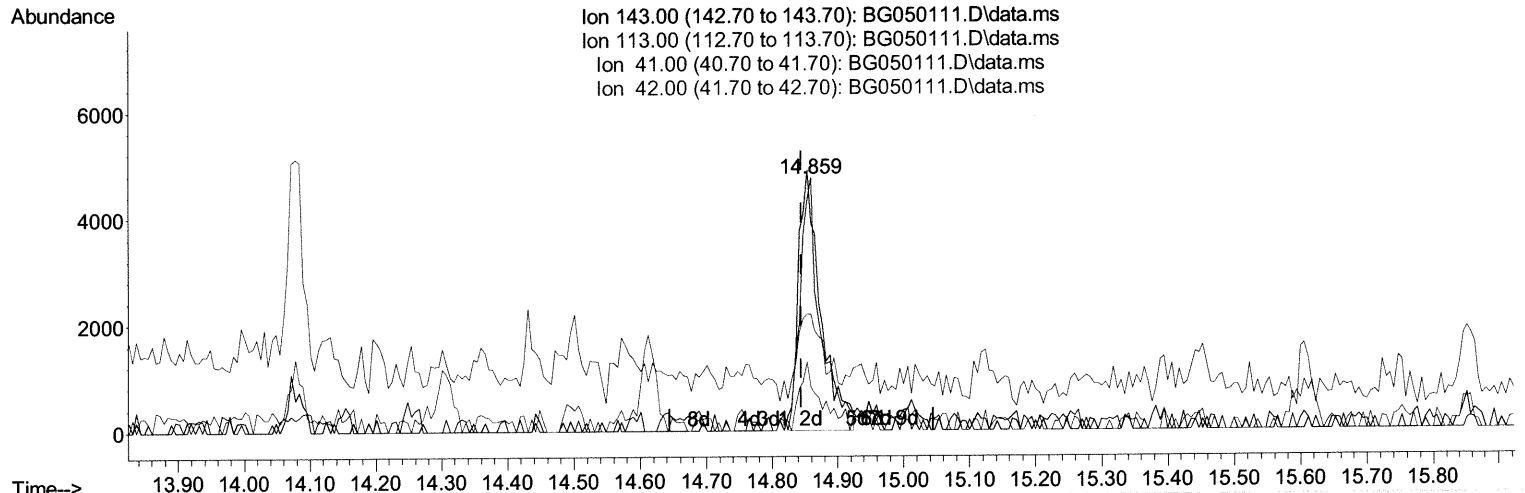
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



TIC: BG050111.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.859min (+ 0.014) 12.88 ng/ul m

JU 9/8/21

response 10078

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	121.00	82.01#
41.00	45.30	46.15
42.00	25.60	17.04#

Quantitation Report (Qedit)

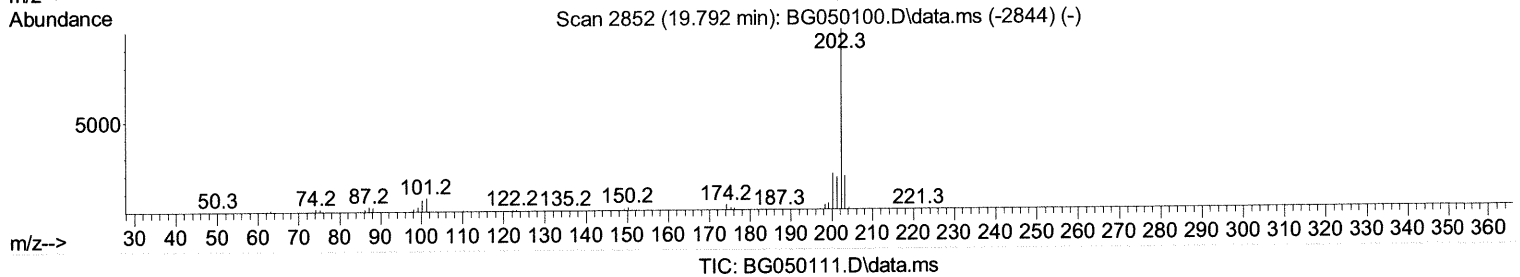
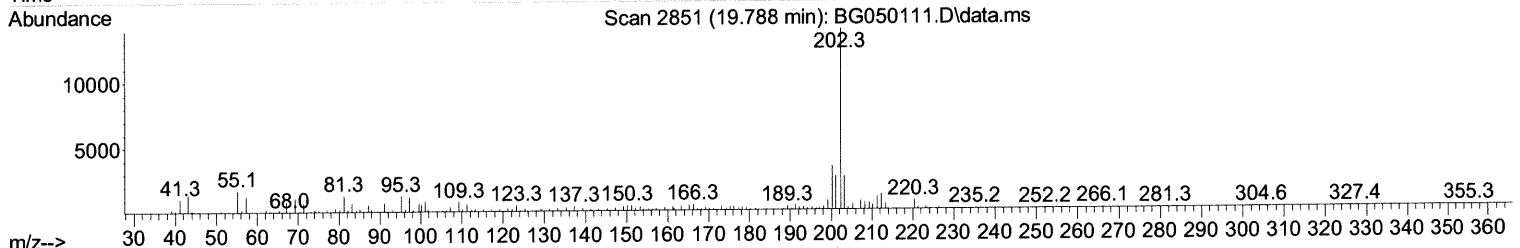
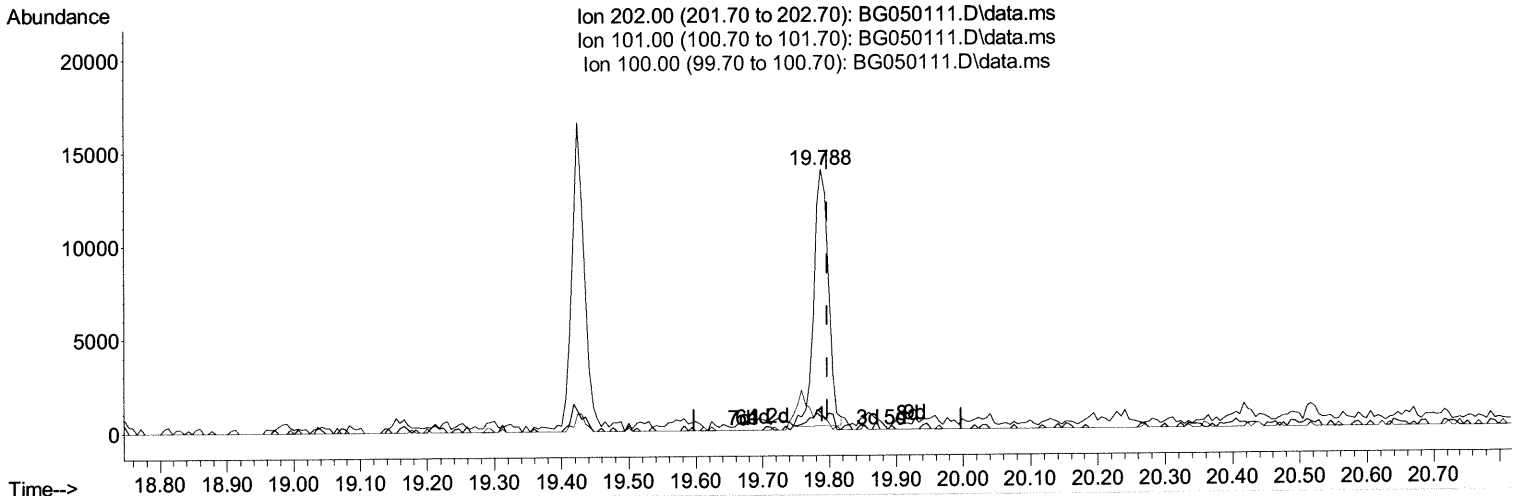
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



(82) Pyrene

19.788min (-0.009) 2.12 ng/ul

response 21048

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.70	6.53
100.00	6.30	4.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

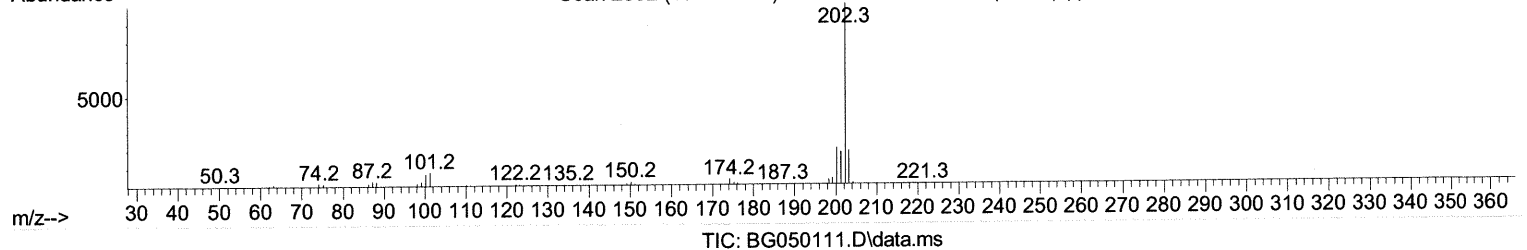
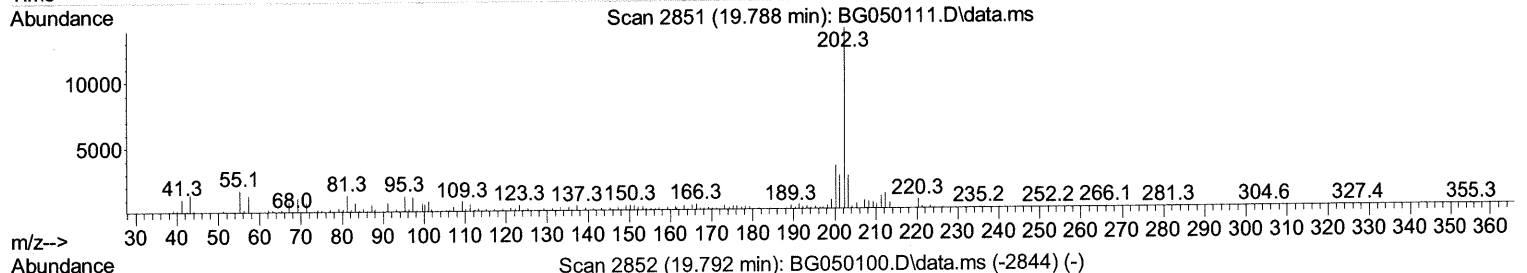
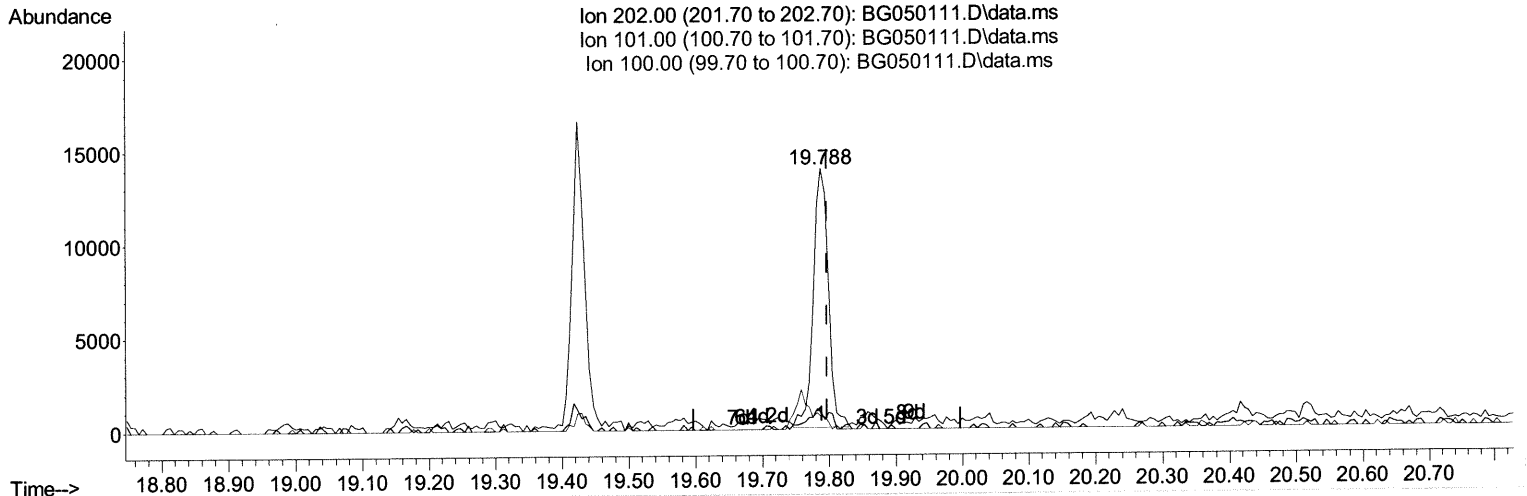
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



(82) Pyrene

19.788min (-0.009) 2.18 ng/ul m

response 21632

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.70	6.53
100.00	6.30	4.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

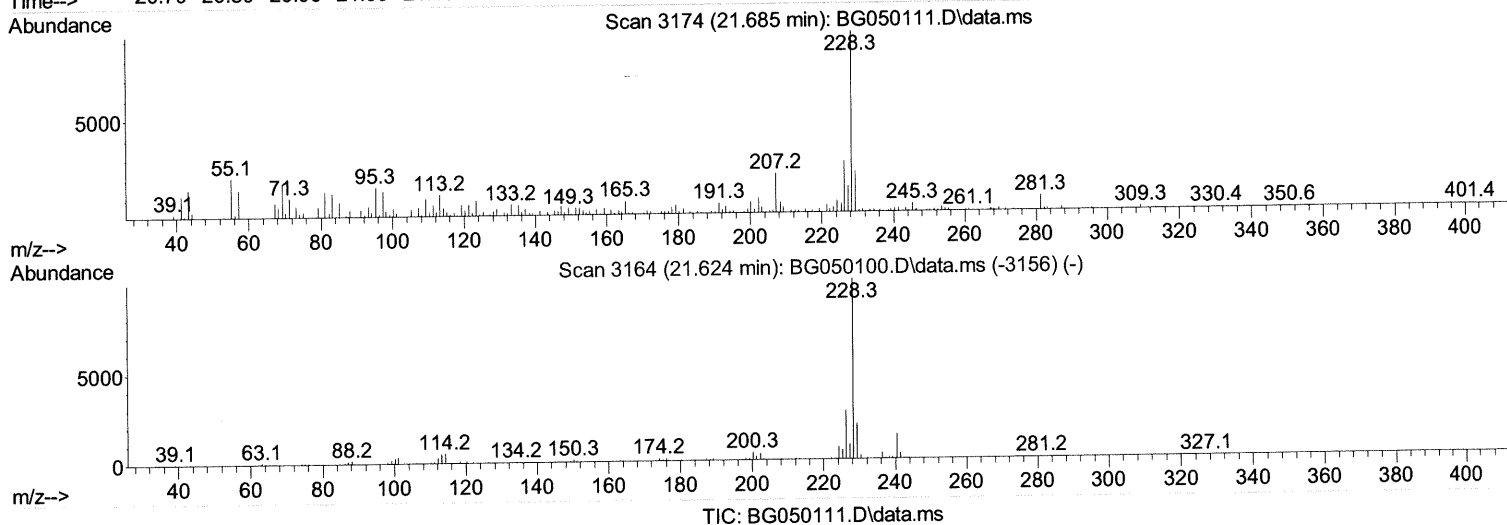
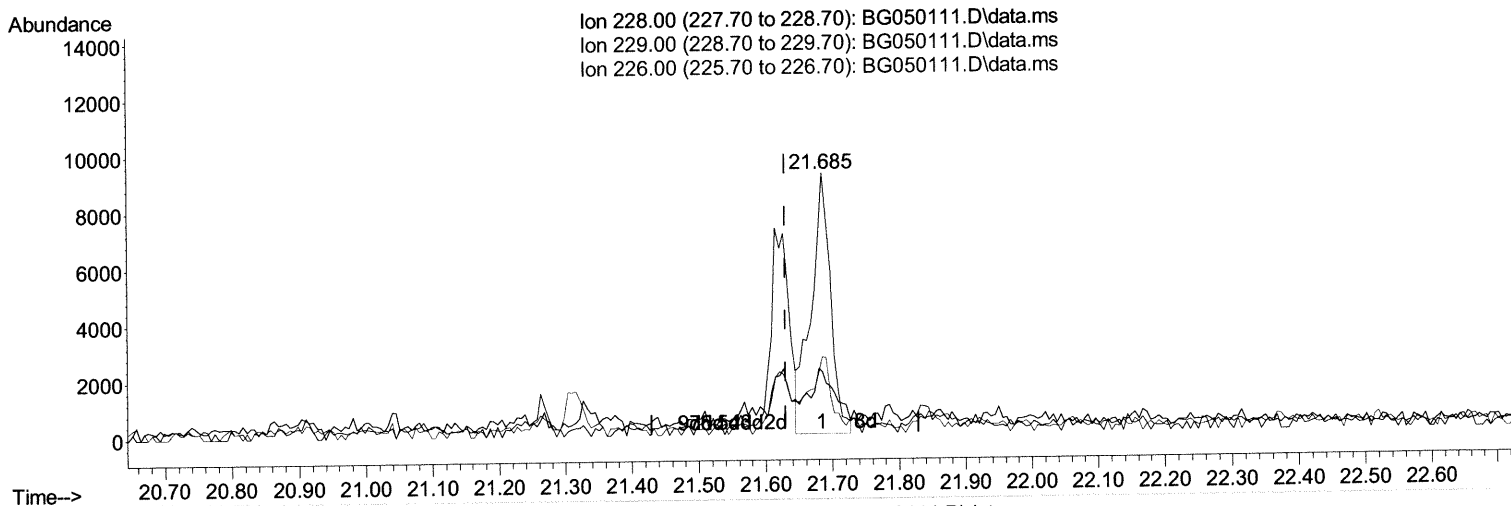
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



(85) Benzo(a)anthracene

21.685min (+ 0.055) 2.02 ng/ul

response 18893

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.30	23.64
226.00	26.20	29.37
0.00	0.00	0.00

Quantitation Report (Qedit)

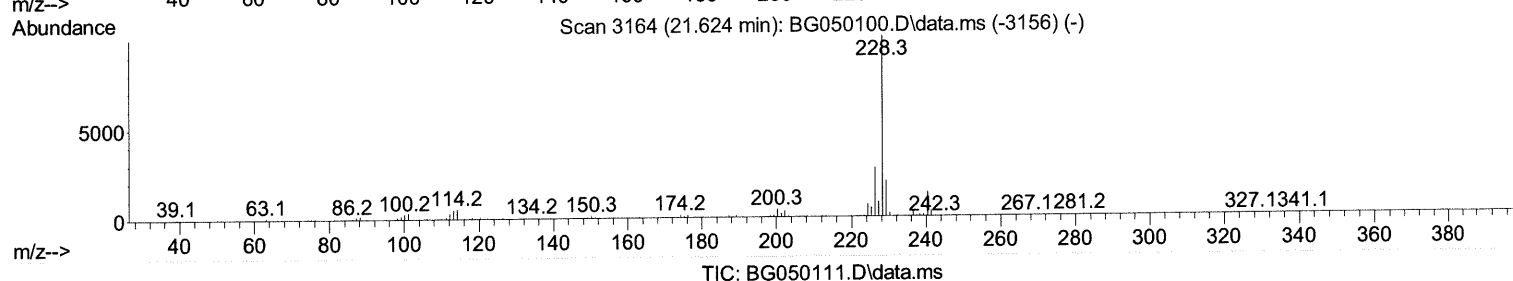
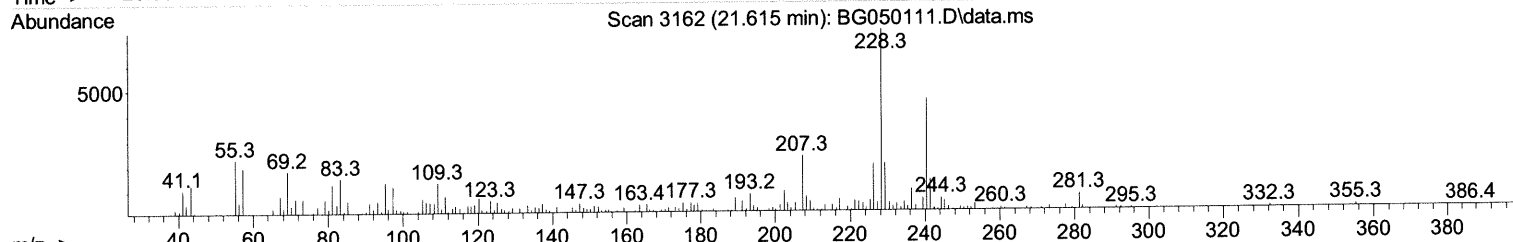
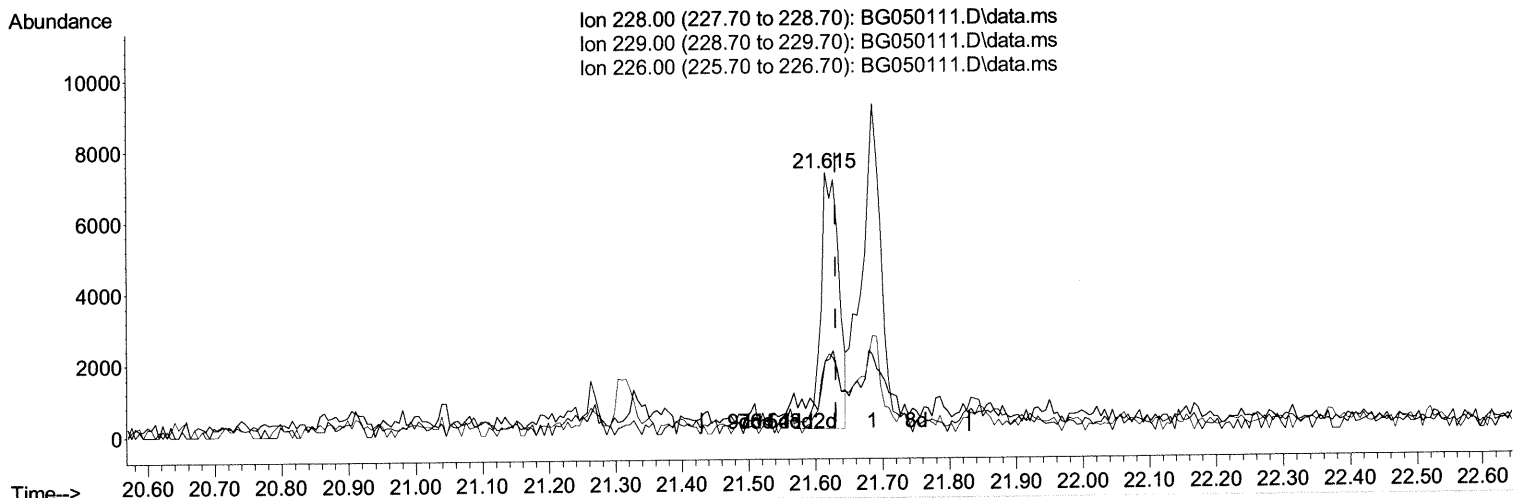
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050111.D
Acq On : 3 Sep 2021 00:37
Operator : CG/JU
Sample : M3526-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7B6

Manual Integrations
APPROVED

mohammad
9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



(85) Benzo(a)anthracene

21.615min (-0.015) 1.45 ng/ul m

response 13551

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.30	27.48#
226.00	26.20	27.38
0.00	0.00	0.00

Quantitation Report (Qedit)

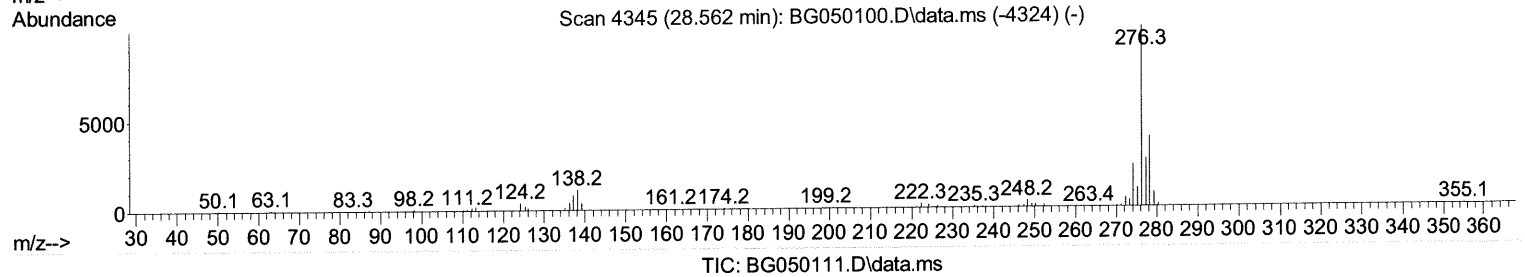
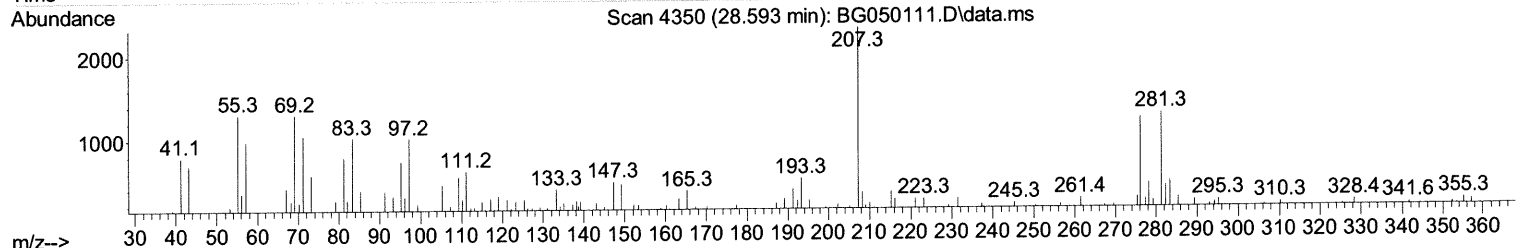
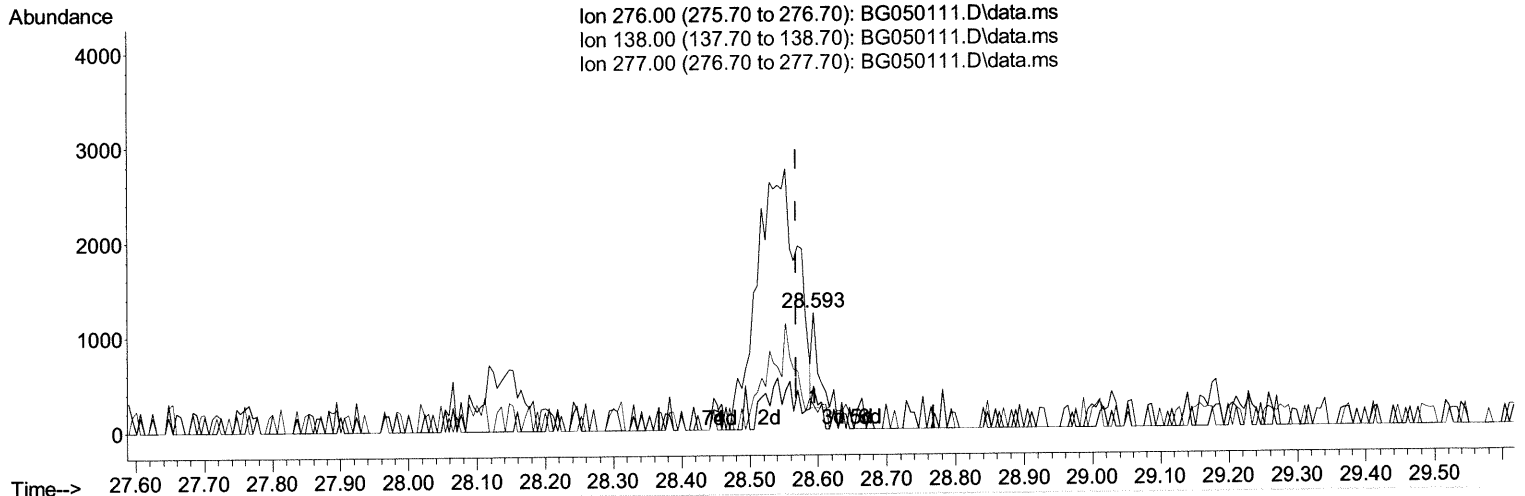
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



TIC: BG050111.D\data.ms

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

28.593min (+ 0.026) 0.06 ng/ul

response 638

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	6.90	36.73#
277.00	23.20	20.20
0.00	0.00	0.00

Quantitation Report (Qedit)

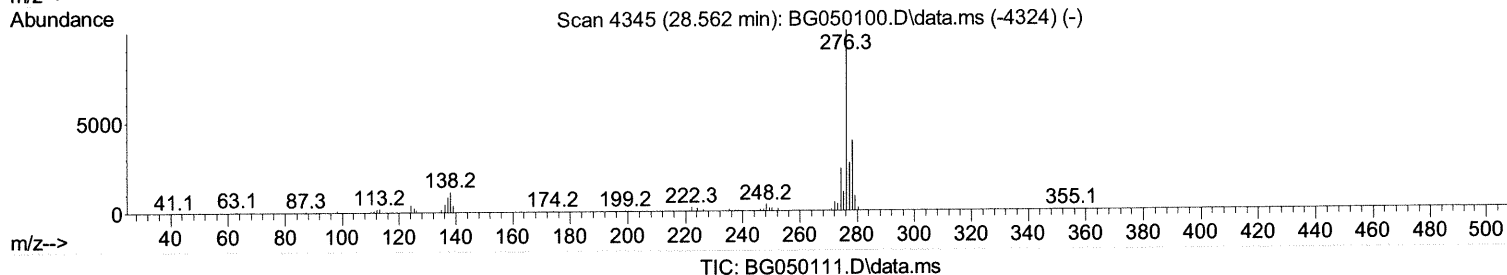
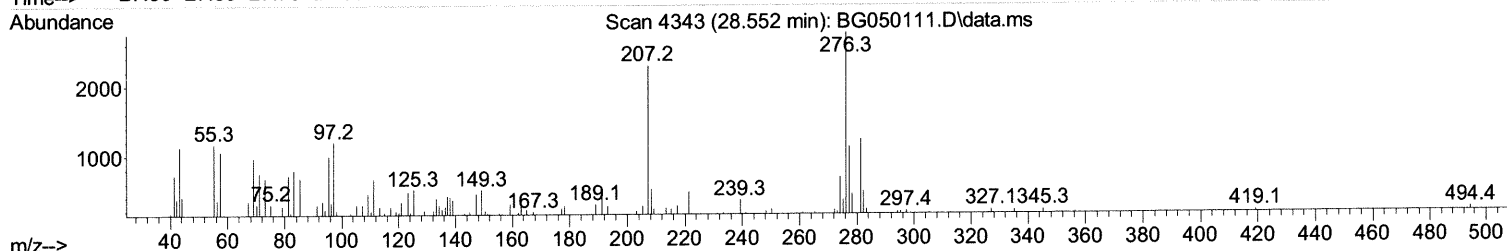
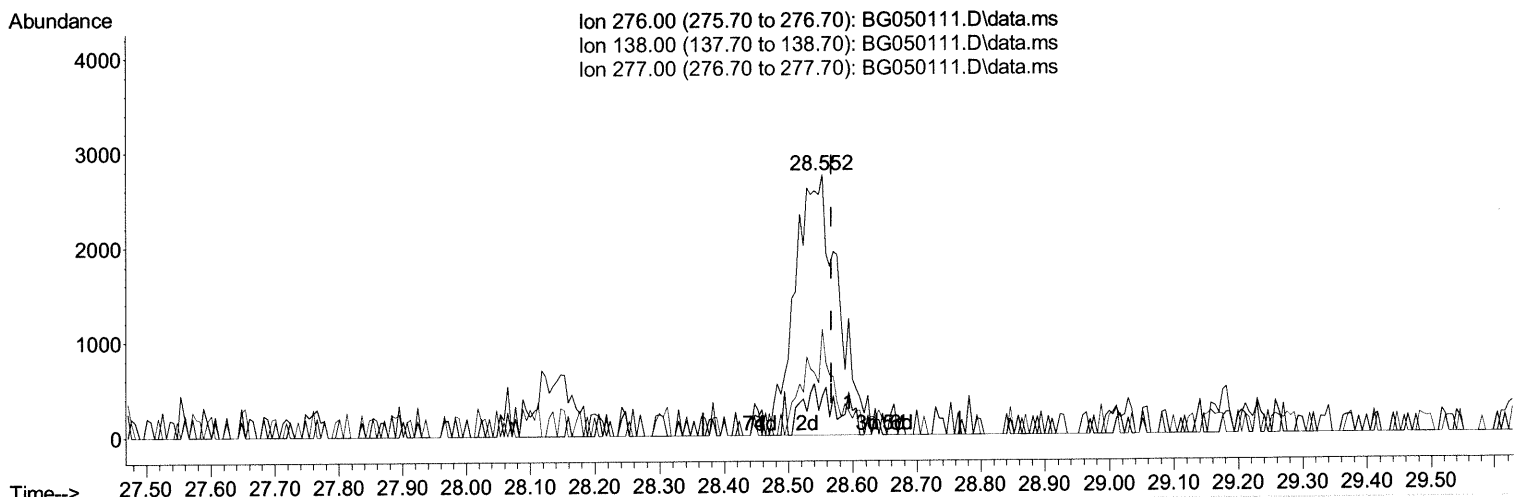
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



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

28.552min (-0.015) 1.11 ng/ul m

response 12592

Ion Exp% Act%

276.00 100.00 100.00

138.00 6.90 14.71#

277.00 23.20 40.63#

0.00 0.00 0.00

Quantitation Report (Qedit)

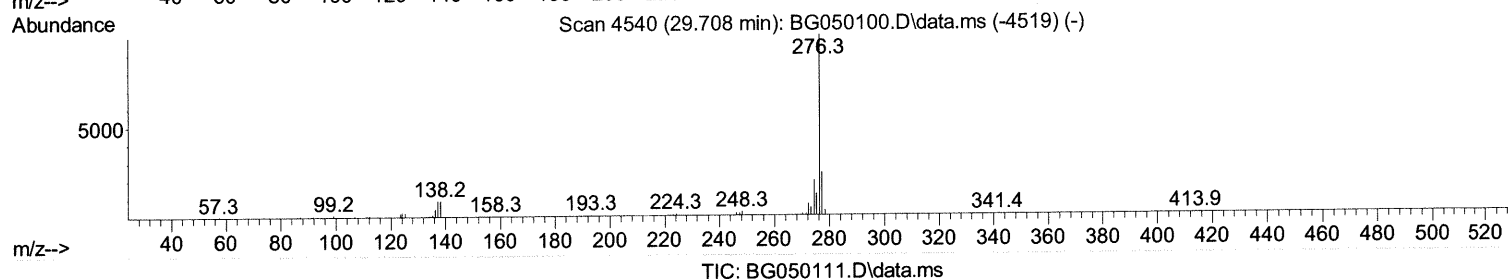
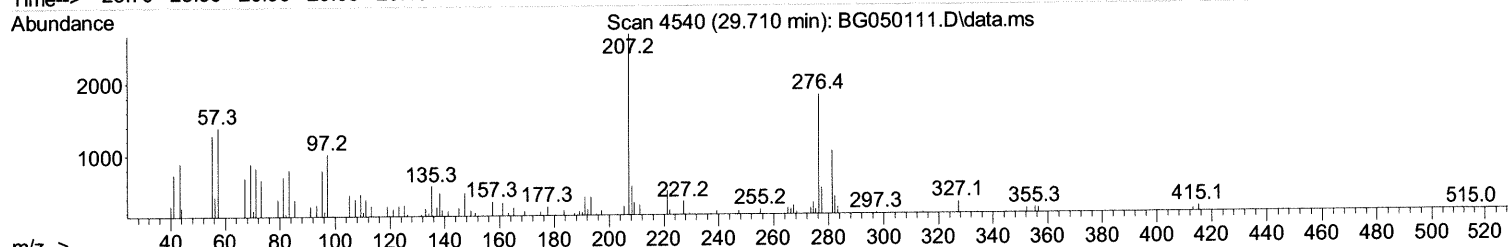
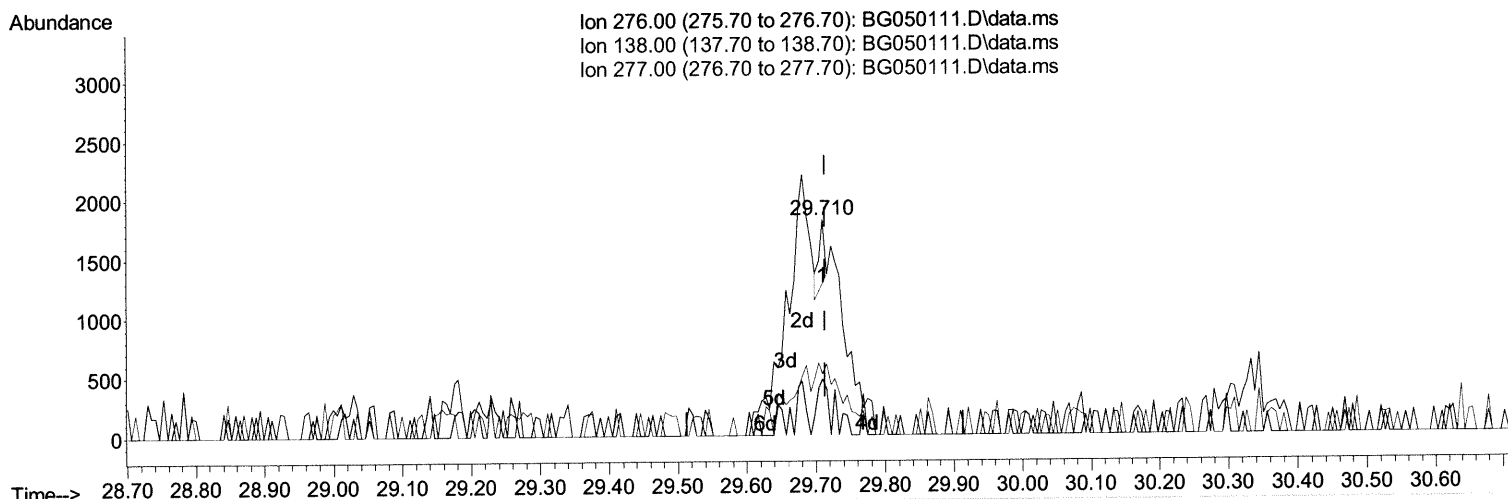
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



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

29.710min (-0.004) 0.03 ng/ul

response 317

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	25.72#
277.00	21.70	28.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

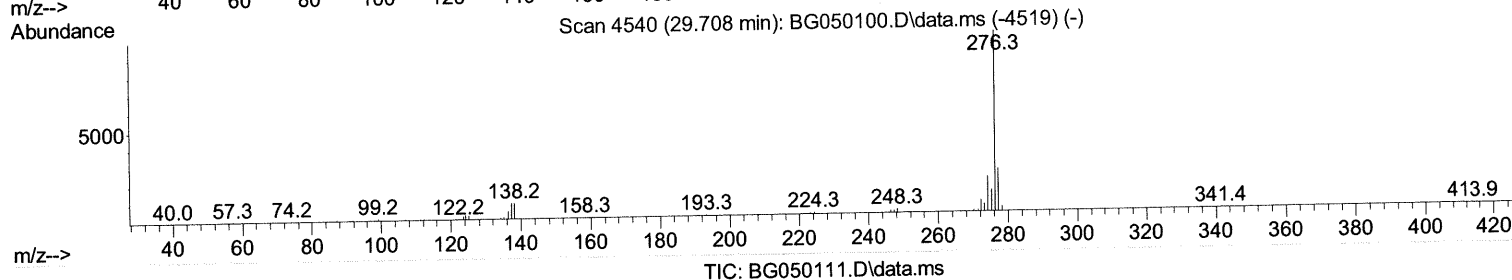
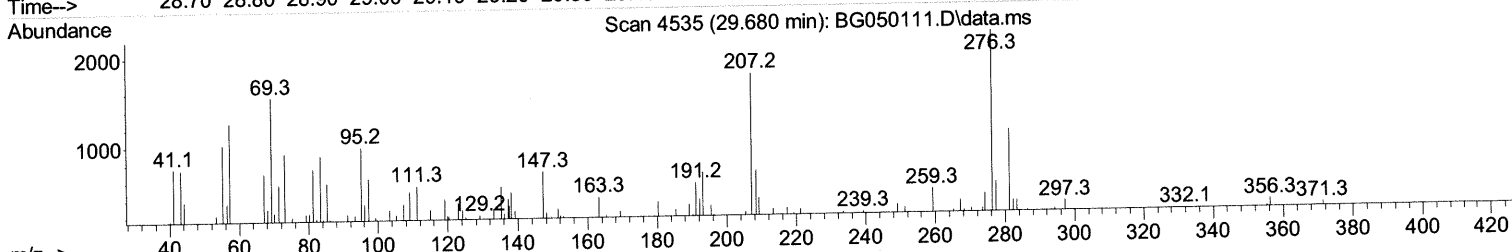
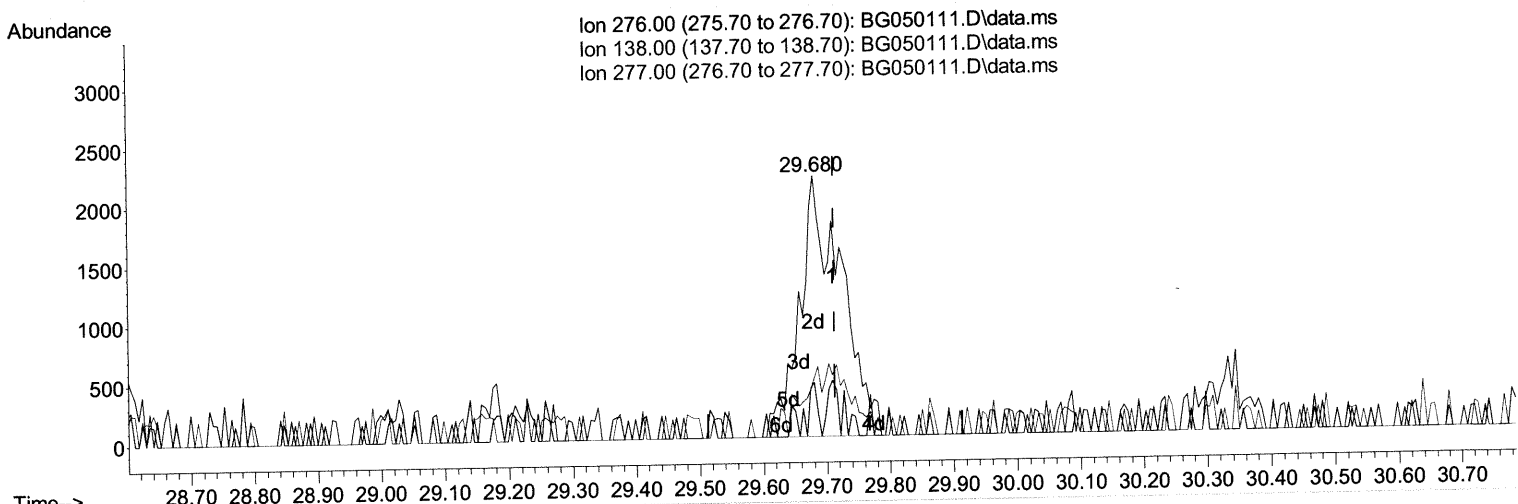
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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



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

29.680min (-0.033) 1.05 ng/ul m

response 10072

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	20.53#
277.00	21.70	22.53
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050111.D
 Acq On : 3 Sep 2021 00:37
 Operator : CG/JU
 Sample : M3526-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B6

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:11 PM

Quant Time: Sep 03 03:54:10 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	26288	20.000	ng/ul	0.00
20) Naphthalene-d8	10.771	136	106160	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.612	164	70640	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	148931	20.000	ng/ul	0.00
79) Chrysene-d12	21.638	240	150316	20.000	ng/ul	0.00
88) Perylene-d12	24.863	264	155118	20.000	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.322	96	2043m	4.008	ng/ul	0.00
4) Pyridine-d5	3.751	84	7903m	5.147	ng/ul	0.00
7) Phenol-d5	7.123	99	37294	16.707	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	23668	19.084	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	28745	17.210	ng/ul	0.00
15) 4-Methylphenol-d8	8.673	113	28770	16.365	ng/ul	0.00
21) Nitrobenzene-d5	9.126	128	15513	18.849	ng/ul	0.00
24) 2-Nitrophenol-d4	9.848	143	17208	17.559	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.406	165	27862	15.940	ng/ul	0.00
31) 4-Chloroaniline-d4	10.912	131	35785	15.041	ng/ul	0.00
46) Dimethylphthalate-d6	14.013	166	96478	17.846	ng/ul	0.00
49) Acenaphthylene-d8	14.307	160	120228	18.967	ng/ul	0.00
54) 4-Nitrophenol-d4	14.859	143	10078m	12.885	ng/ul	0.01
60) Fluorene-d10	15.605	176	85566	18.668	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.746	200	12094	12.622	ng/ul	0.00
73) Anthracene-d10	17.467	188	137694	20.589	ng/ul	0.00
81) Pyrene-d10	19.758	212	168742	20.773	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.640	264	158519	19.262	ng/ul	0.00

Target Compounds

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2,4-Dimethylphenol	9.966	107	2666m	1.259	ng/ul	92
30) Naphthalene	10.823	128	16026	3.020	ng/ul	92
36) 2-Methylnaphthalene	12.433	142	15008	3.805	ng/ul	90
37) 1-Methylnaphthalene	12.656	142	12225	3.071	ng/ul	94
56) Dibenzofuran	15.018	168	6991	1.201	ng/ul	93
72) Phenanthrene	17.415	178	21740	2.928	ng/ul	93
80) Fluoranthene	19.424	202	20495	2.045	ng/ul	96
82) Pyrene	19.788	202	21632m	2.178	ng/ul	92
85) Benzo(a)anthracene	21.615	228	13551m	1.447	ng/ul	98
87) Chrysene	21.685	228	17839	2.015	ng/ul	93
90) Benzo(b)fluoranthene	23.841	252	25097	2.529	ng/ul	92
93) Benzo(a)pyrene	24.716	252	13264	1.539	ng/ul	92
94) Indeno(1,2,3-cd)pyrene	28.552	276	12592m	1.108	ng/ul	92
96) Benzo(g,h,i)perylene	29.680	276	10072m	1.054	ng/ul	92

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