

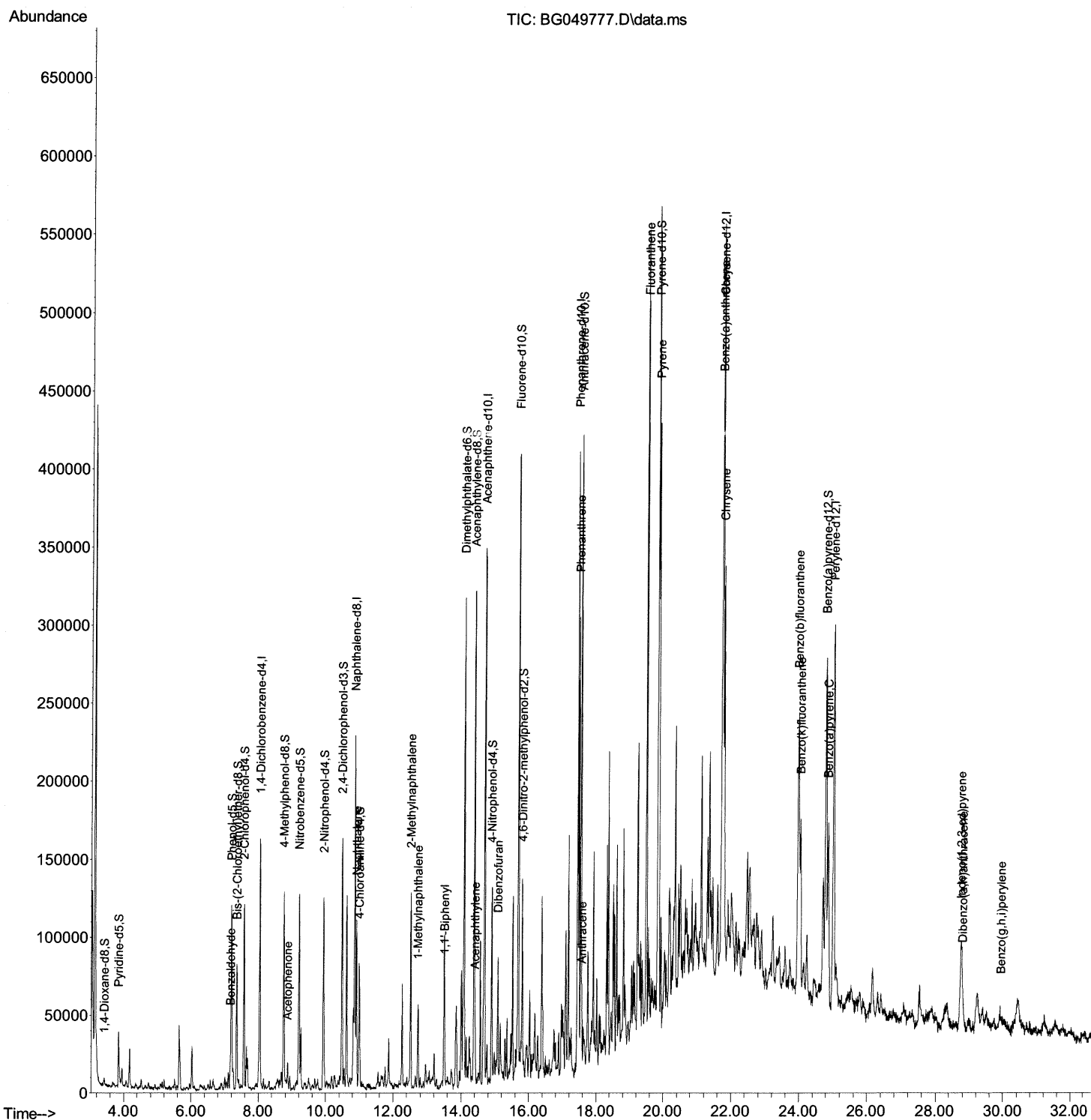
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049777.D
 Acq On : 11 Aug 2021 5:29
 Operator : CG/JU
 Sample : M3182-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00C9

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration



Quantitation Report (Qedit)

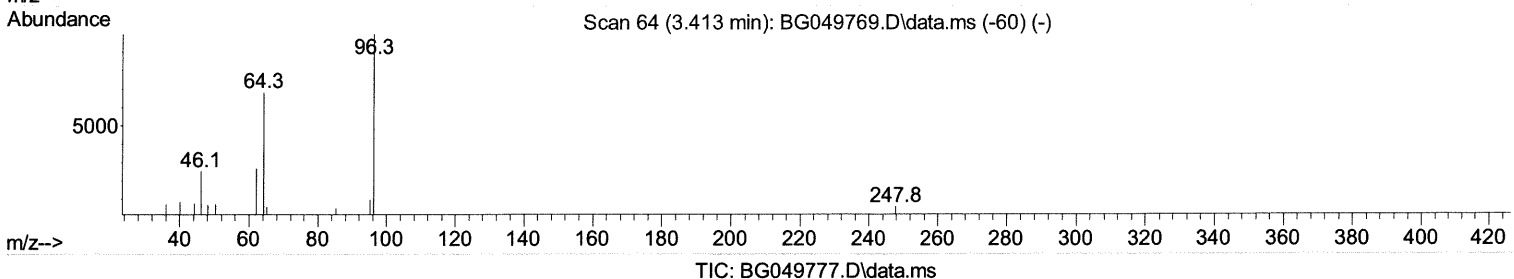
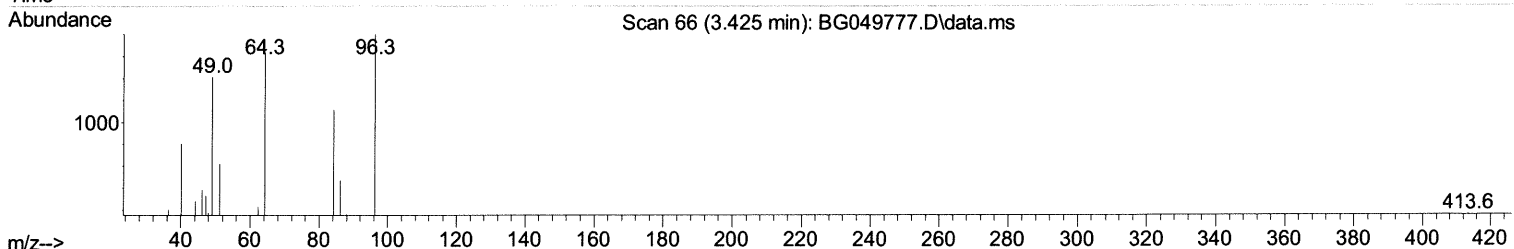
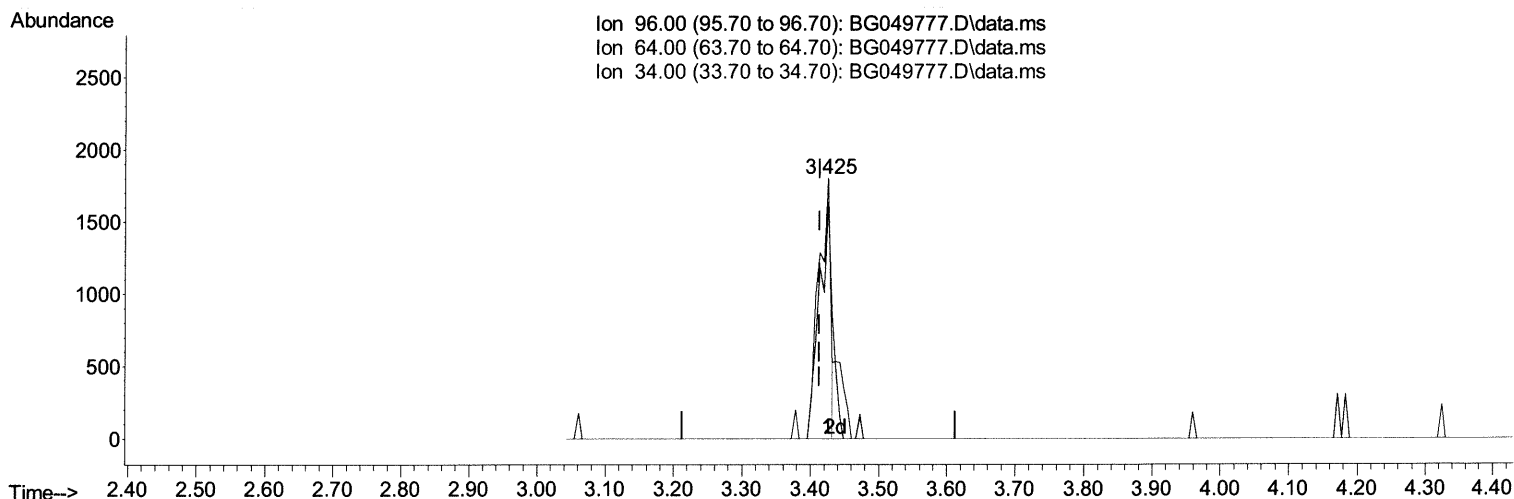
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049777.D
 Acq On : 11 Aug 2021 5:29
 Operator : CG/JU
 Sample : M3182-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00C9

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration



TIC: BG049777.D\data.ms

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

3.425min (+ 0.012) 2.35 ng/uL

response 2156

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	90.57#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

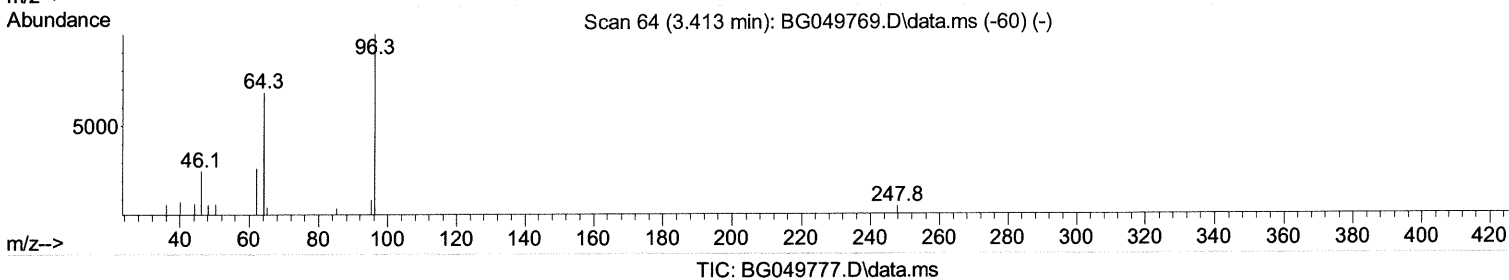
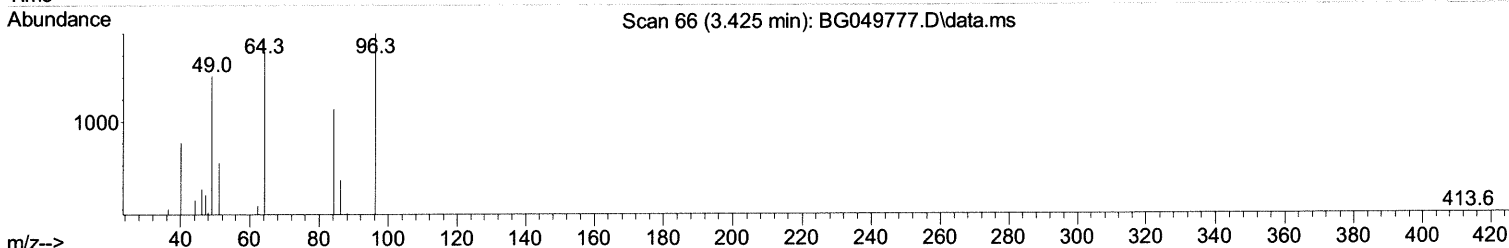
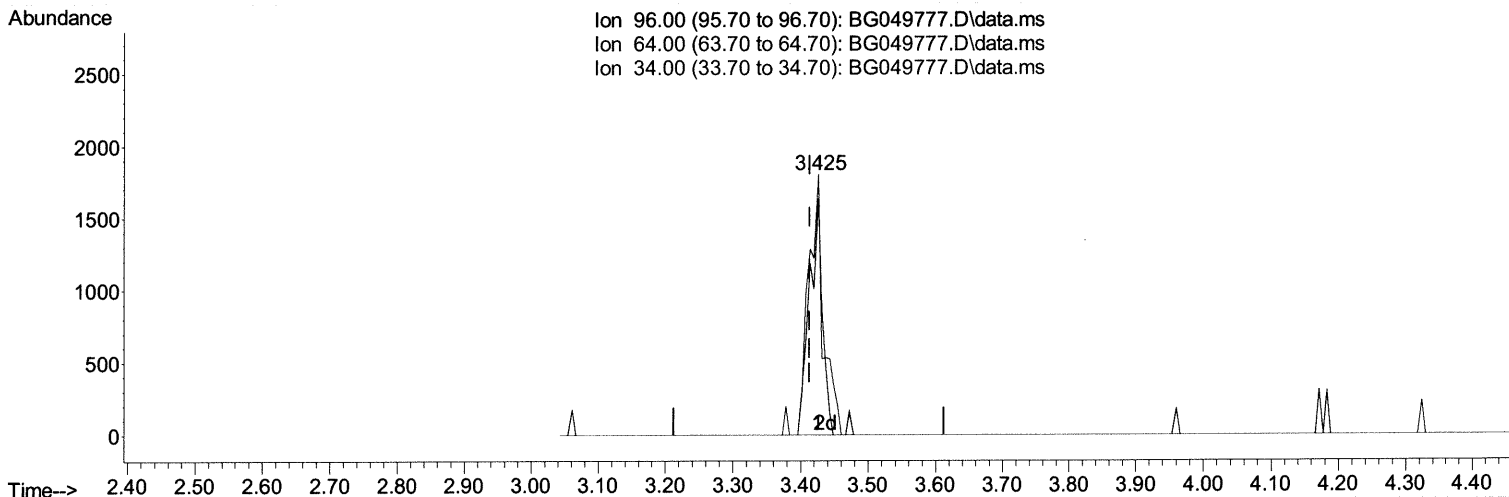
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049777.D
 Acq On : 11 Aug 2021 5:29
 Operator : CG/JU
 Sample : M3182-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00C9

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration



TIC: BG049777.D\data.ms

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

3.425min (+ 0.012) 2.98 ng/uL m 08/12/21ju

response 2725

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	90.57#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

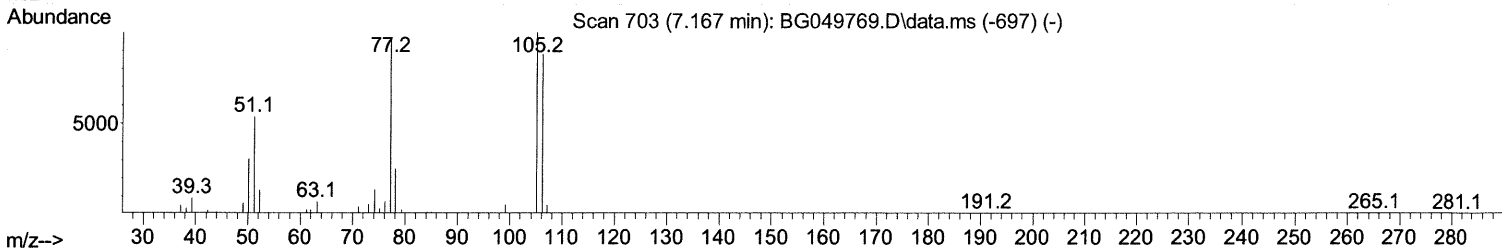
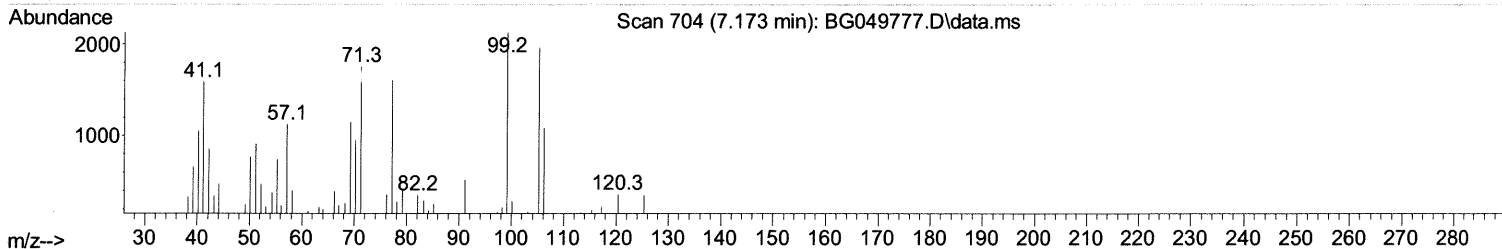
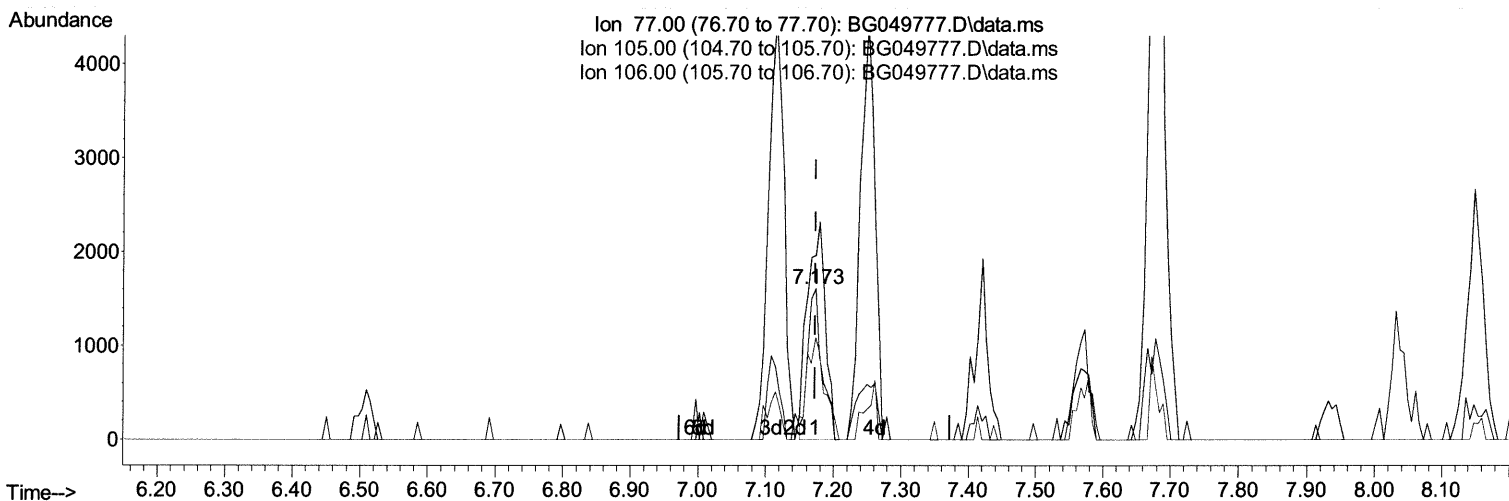
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049777.D
 Acq On : 11 Aug 2021 5:29
 Operator : CG/JU
 Sample : M3182-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00C9

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration



TIC: BG049777.D\data.ms

(6) Benzaldehyde

7.173min (+ 0.000) 1.13 ng/ul

response 2349

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	104.10	121.89
106.00	101.20	67.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

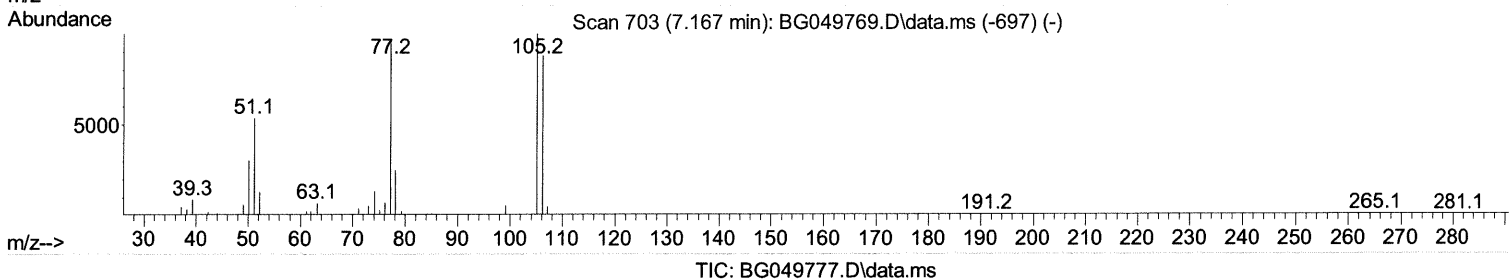
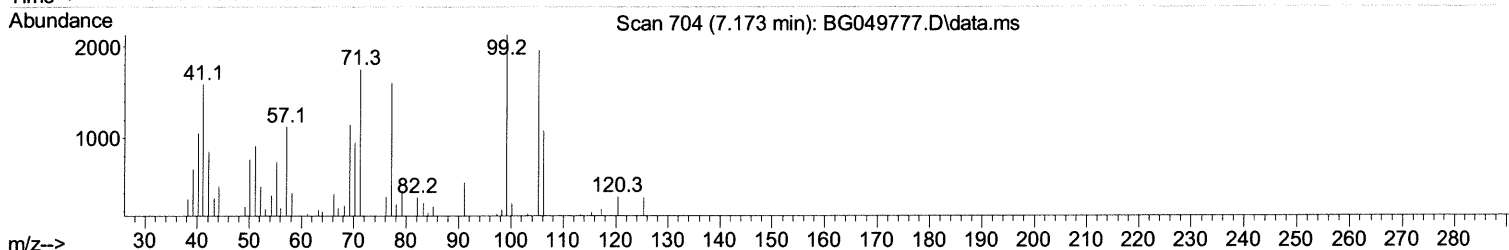
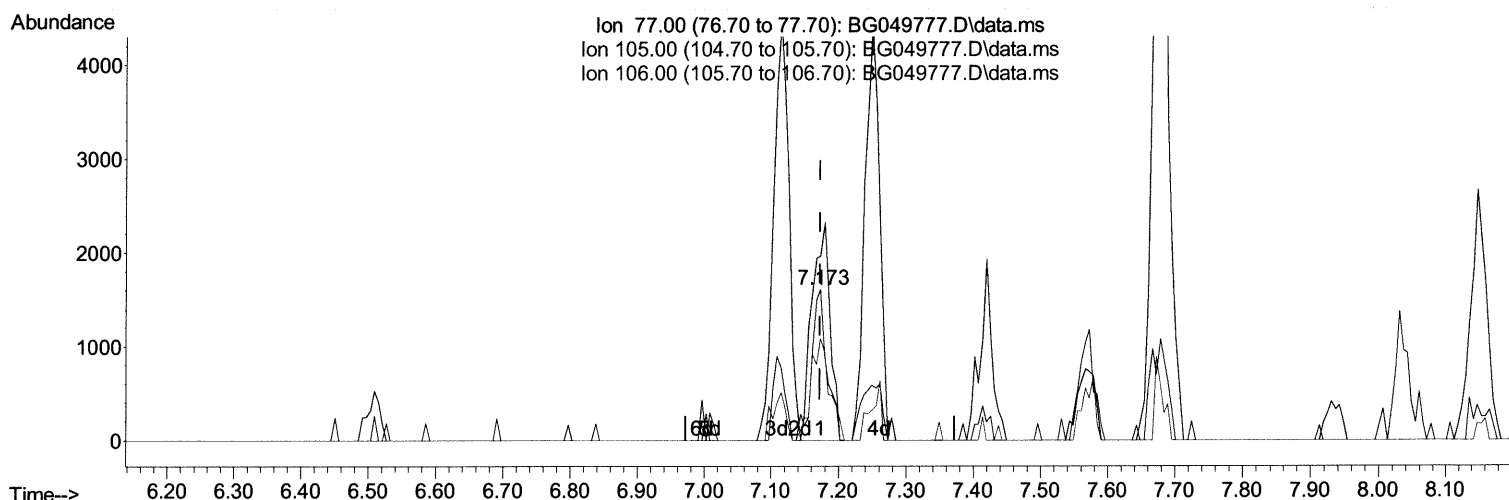
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00C9

Manual Integrations
APPROVED

mohammad
8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



TIC: BG049777.D\data.ms

(6) Benzaldehyde

7.173min (+ 0.000) 1.21 ng/ul m 08/12/21jd

response 2501

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	104.10	121.89
106.00	101.20	67.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

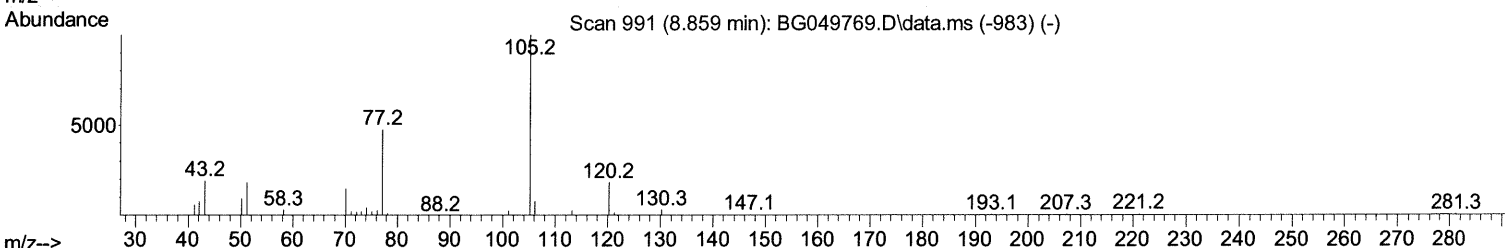
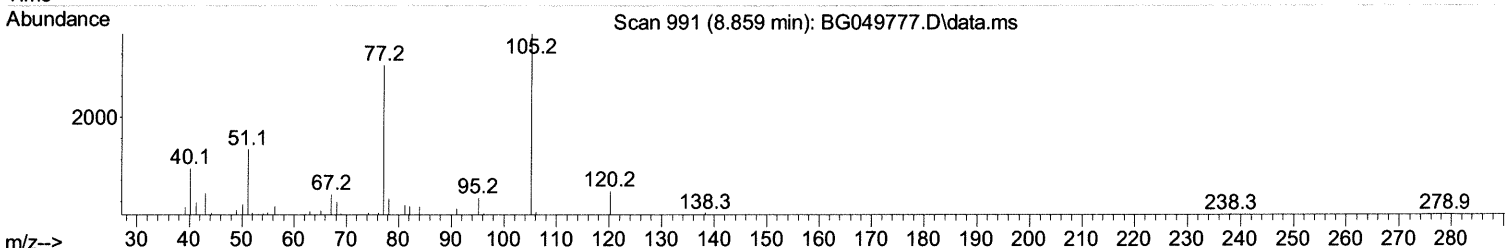
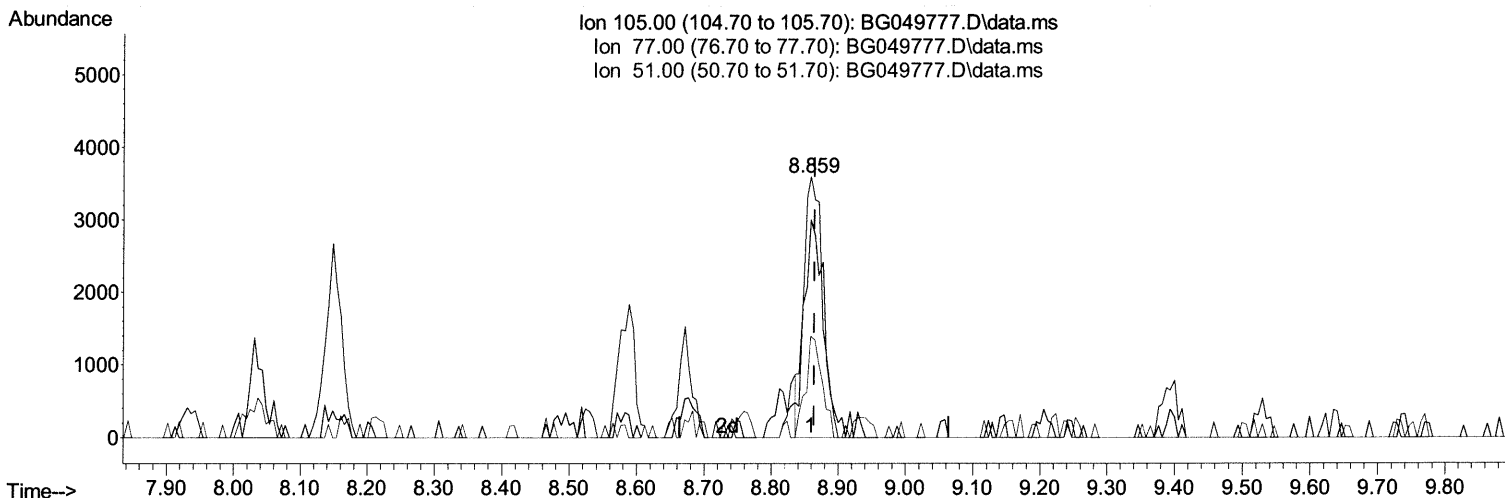
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049777.D
 Acq On : 11 Aug 2021 5:29
 Operator : CG/JU
 Sample : M3182-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00C9

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration



TIC: BG049777.D\data.ms

(16) Acetophenone

8.859min (-0.005) 1.41 ng/ul

response 6930

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	88.00	83.48
51.00	31.40	38.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

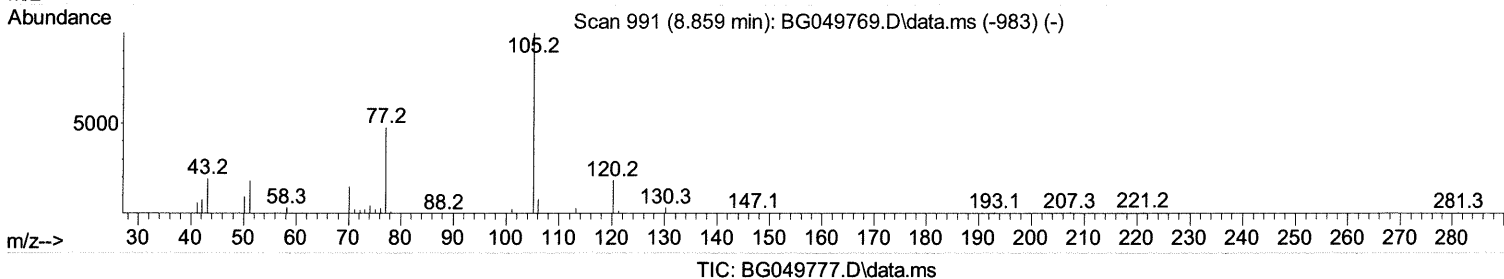
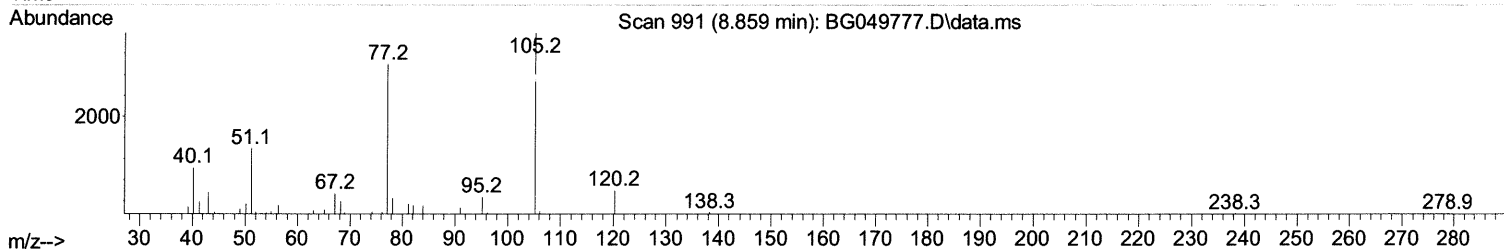
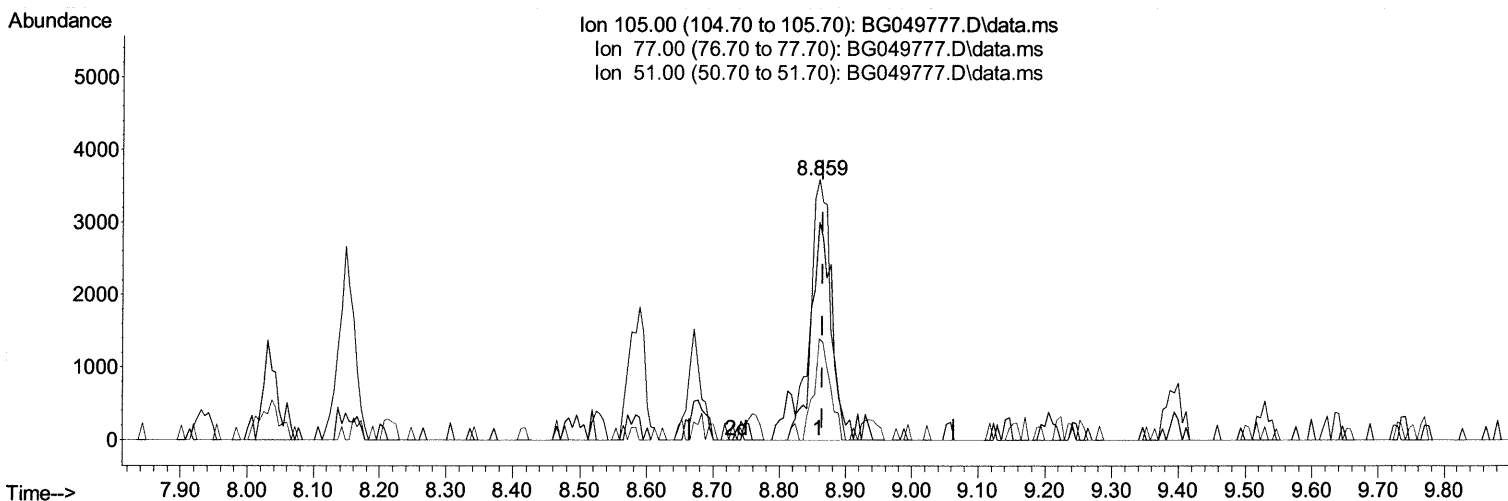
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00C9

Manual Integrations
APPROVED

mohammad
8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



TIC: BG049777.D\data.ms

(16) Acetophenone

8.859min (-0.005) 1.56 ng/ul m 08/12/21 JU

response 7661

Ion	Exp%	Act%
105.00	100.00	100.00
77.00	88.00	83.48
51.00	31.40	38.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

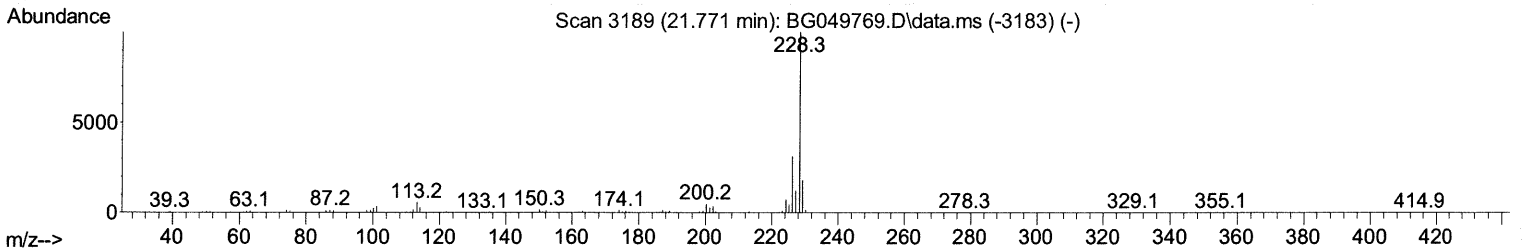
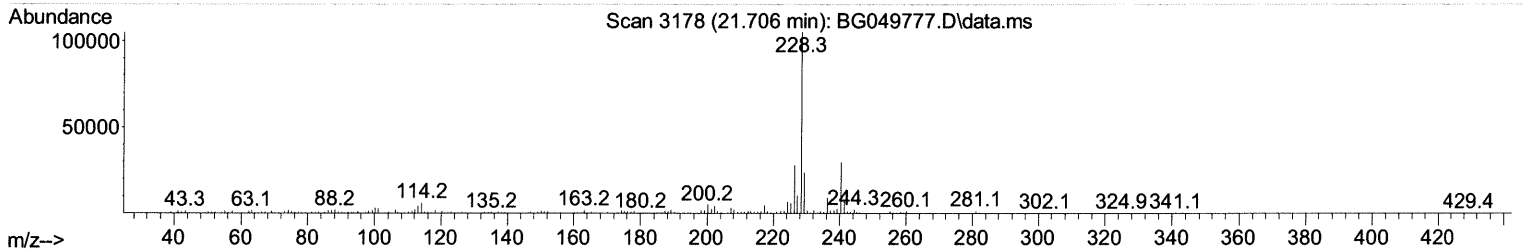
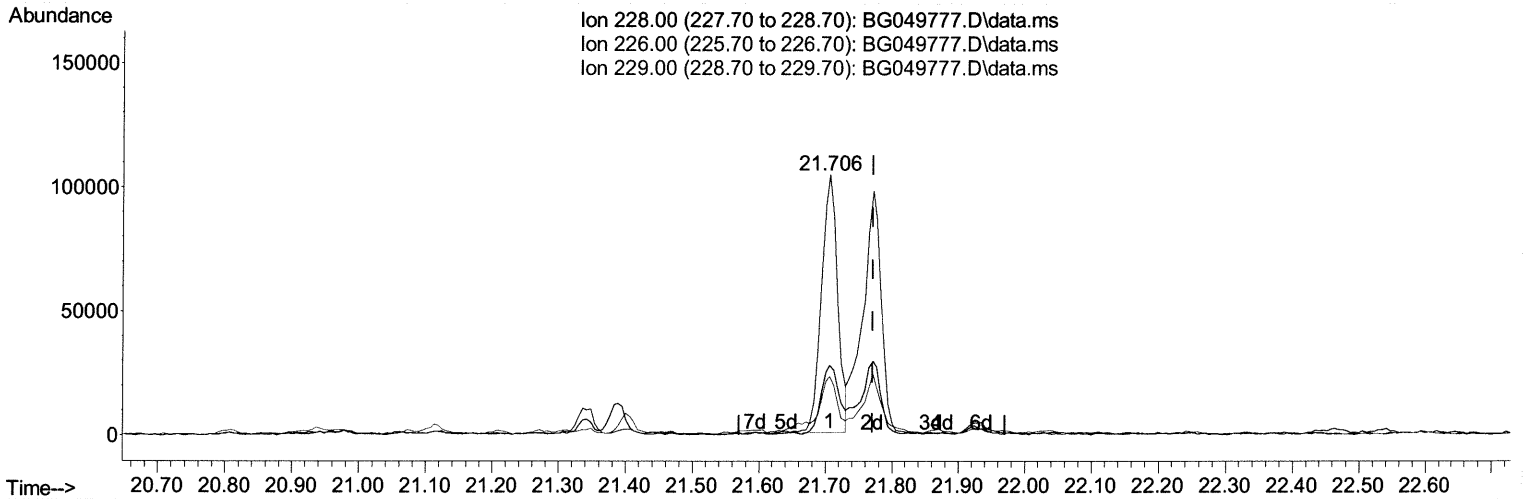
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049777.D
 Acq On : 11 Aug 2021 5:29
 Operator : CG/JU
 Sample : M3182-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00C9

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration



TIC: BG049777.D\data.ms

(87) Chrysene

21.706min (-0.064) 12.78 ng/ul

response 175221

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	26.68
229.00	19.30	22.64
0.00	0.00	0.00

Quantitation Report (Qedit)

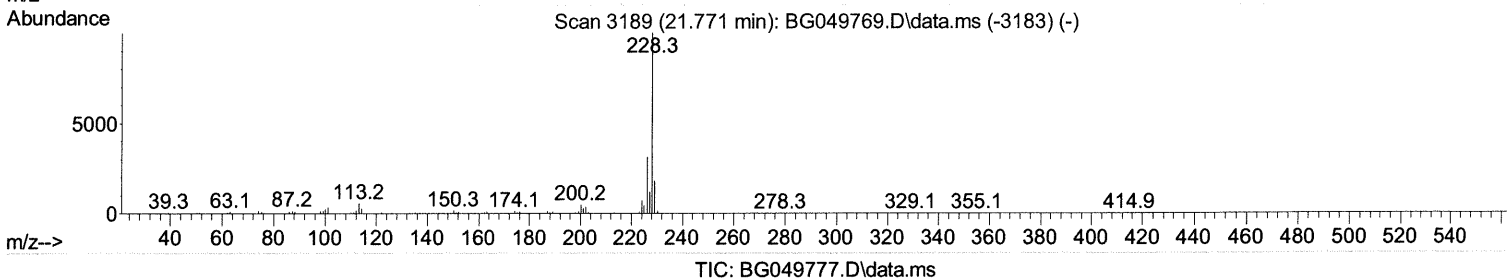
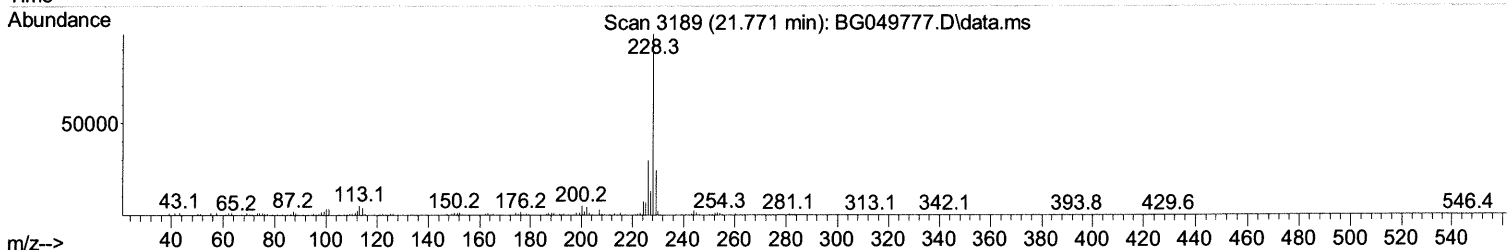
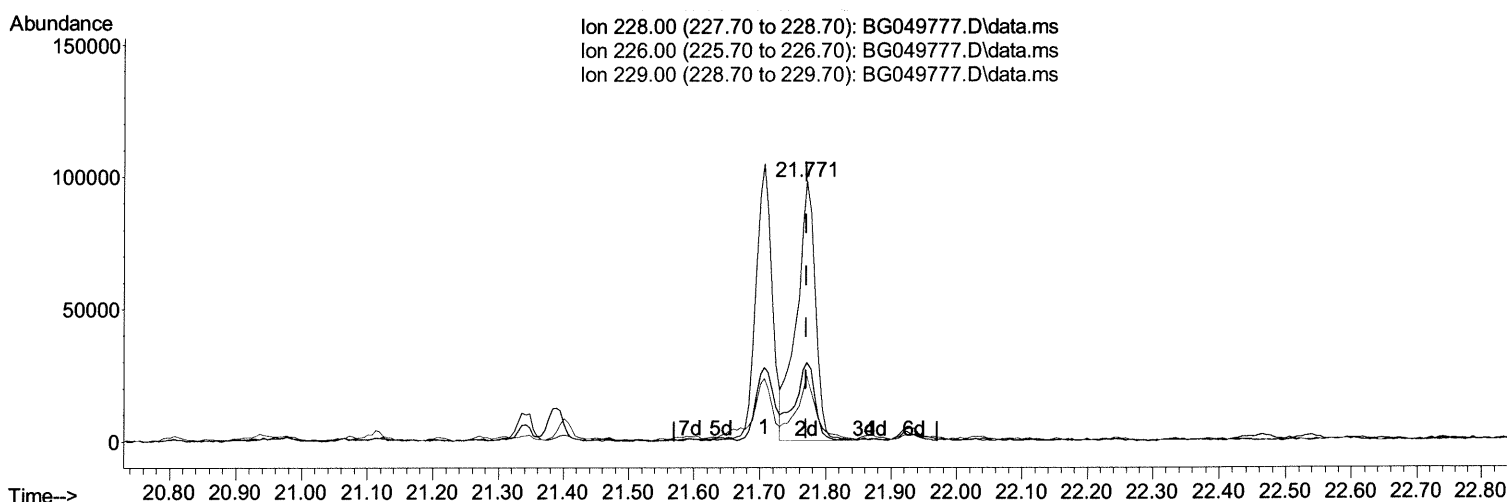
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00C9

Manual Integrations
APPROVED

mohammad
8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



(87) Chrysene

21.771min (+ 0.000) 14.32 ng/ul m 08/12/2021

response 196347

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	30.37
229.00	19.30	25.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

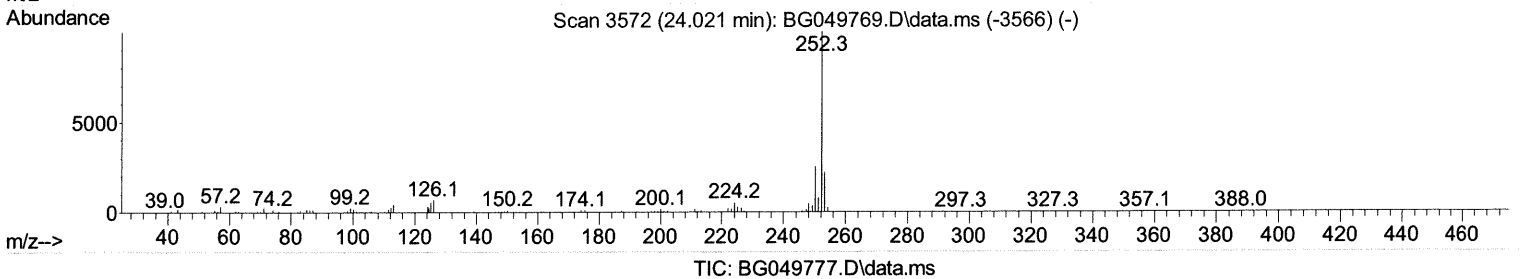
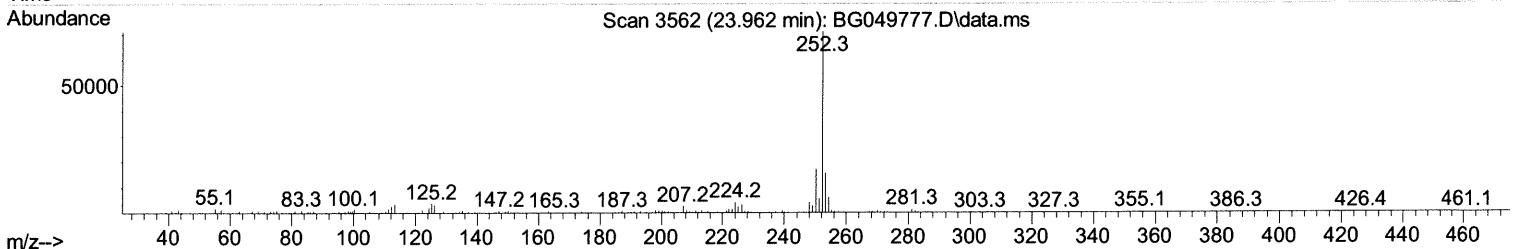
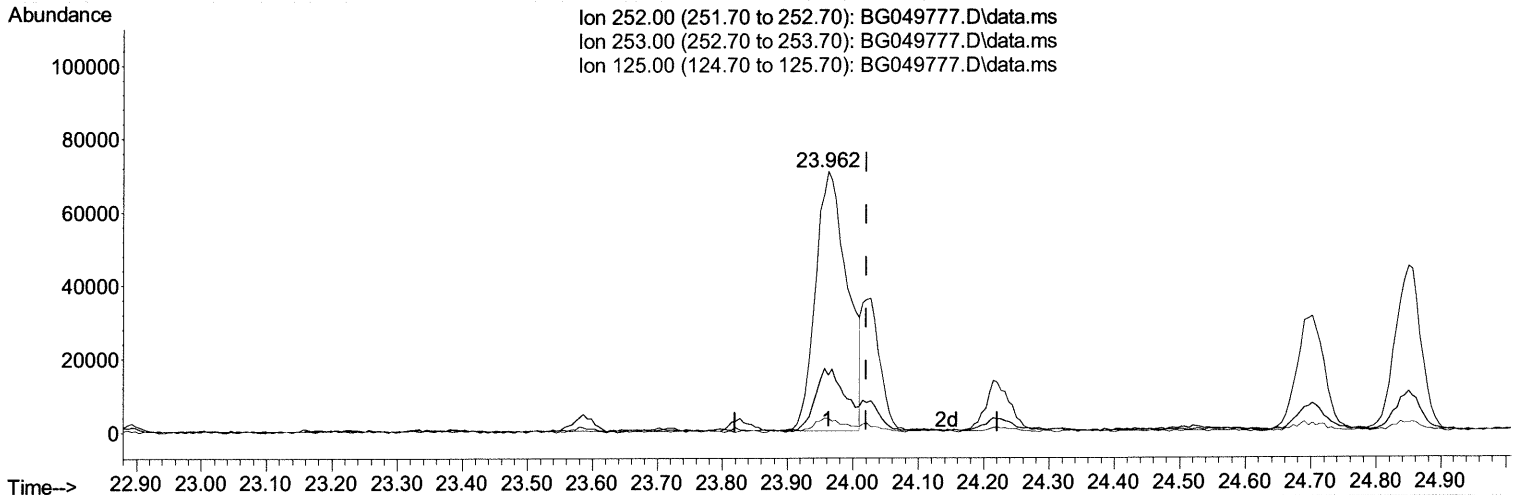
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049777.D
 Acq On : 11 Aug 2021 5:29
 Operator : CG/JU
 Sample : M3182-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00C9

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration



(91) Benzo(k)fluoranthene

23.962min (-0.058) 15.75 ng/u1

response 237460

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.81
125.00	4.80	5.36
0.00	0.00	0.00

Quantitation Report (Qedit)

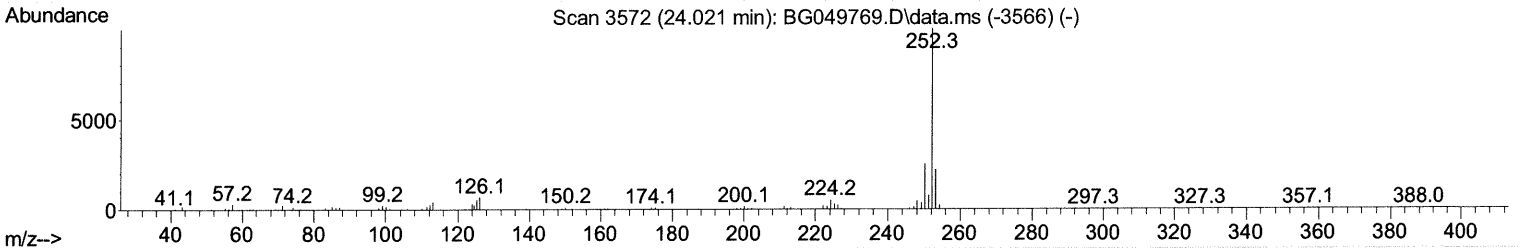
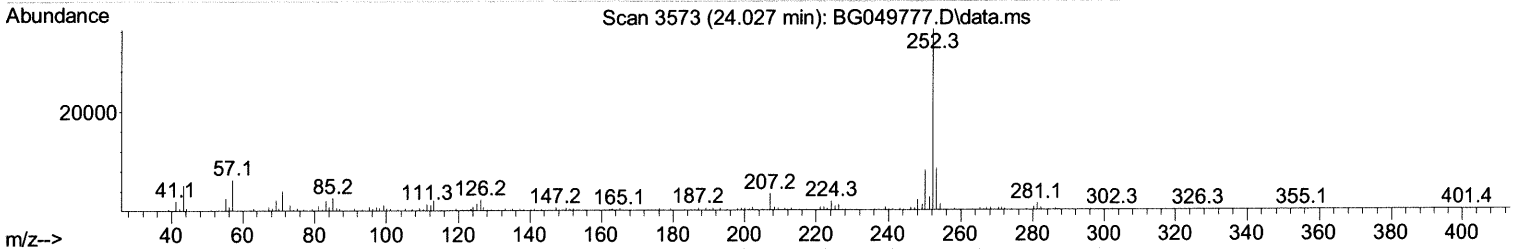
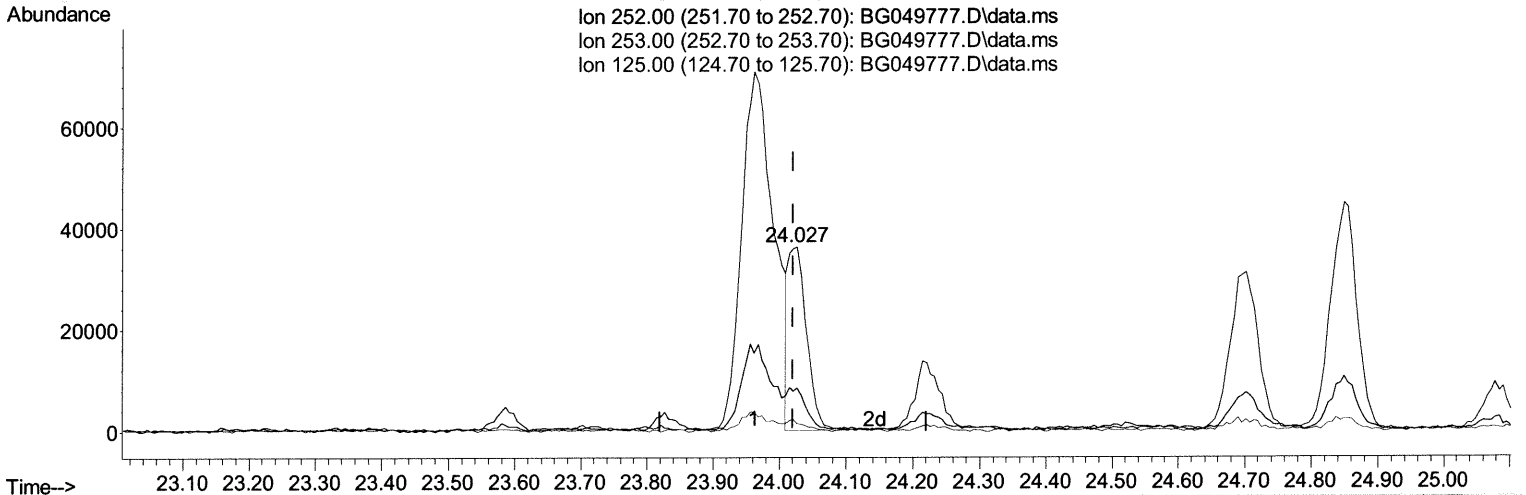
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049777.D
 Acq On : 11 Aug 2021 5:29
 Operator : CG/JU
 Sample : M3182-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00C9

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration



TIC: BG049777.D\data.ms

(91) Benzo(k)fluoranthene

24.027min (+ 0.006) 4.55 ng/ul m 08/12/21 JU

response 68643

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.40
125.00	4.80	4.12
0.00	0.00	0.00

Quantitation Report (Qedit)

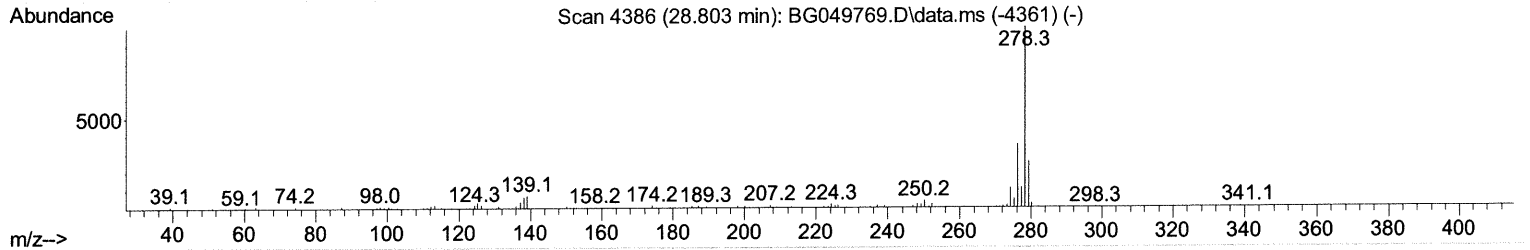
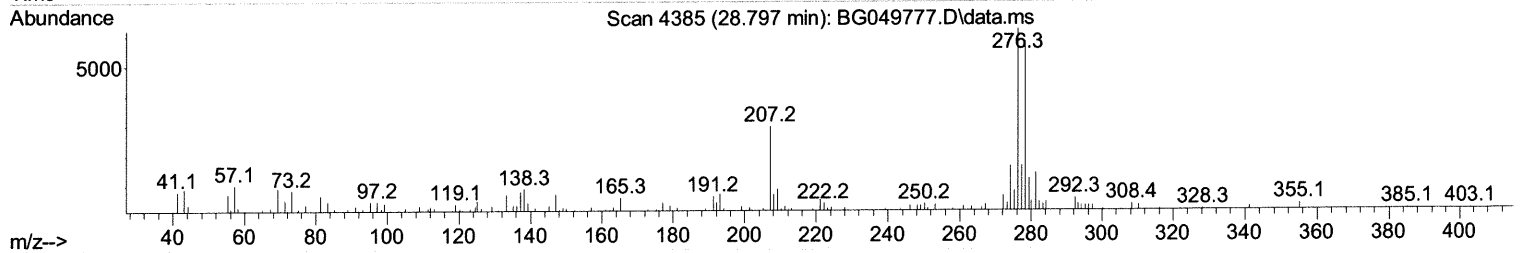
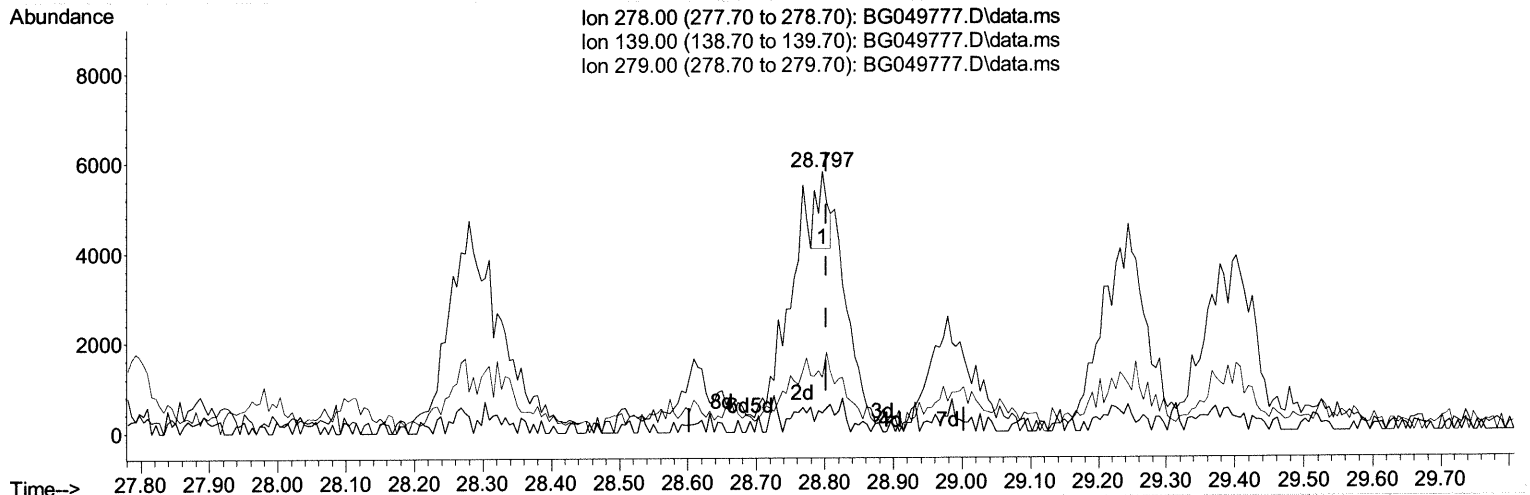
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049777.D
 Acq On : 11 Aug 2021 5:29
 Operator : CG/JU
 Sample : M3182-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00C9

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration



TIC: BG049777.D\data.ms

(95) Dibenzo(a,h)anthracene

28.797min (-0.005) 0.13 ng/ul

response 1964

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	7.14
279.00	23.60	20.95
0.00	0.00	0.00

Quantitation Report (Qedit)

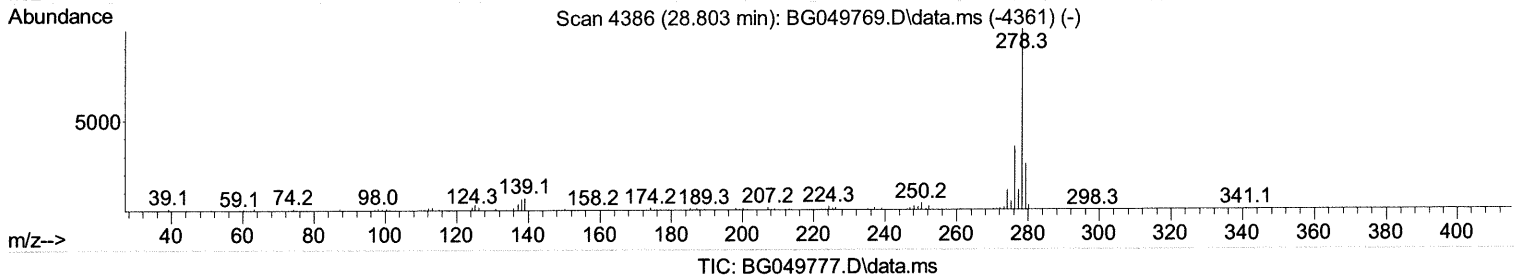
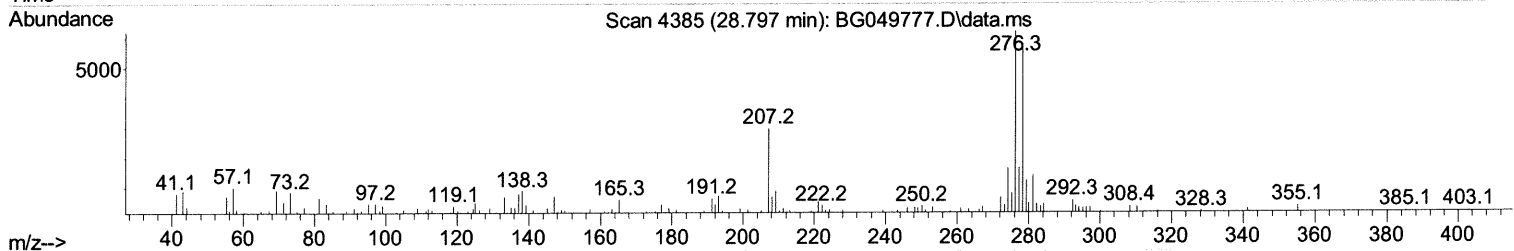
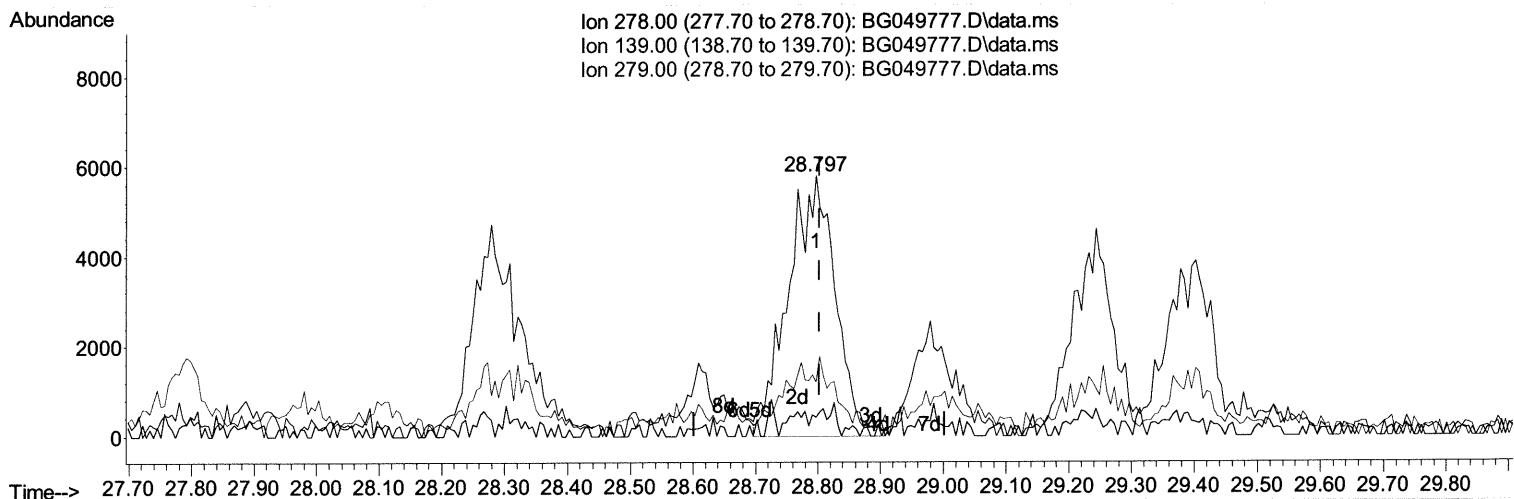
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049777.D
 Acq On : 11 Aug 2021 5:29
 Operator : CG/JU
 Sample : M3182-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00C9

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration



TIC: BG049777.D\data.ms

(95) Dibenzo(a,h)anthracene

28.797min (-0.005) 2.08 ng/ul m 08/12/21 JU

response 30434

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	7.14
279.00	23.60	20.95
0.00	0.00	0.00

Quantitation Report (Qedit)

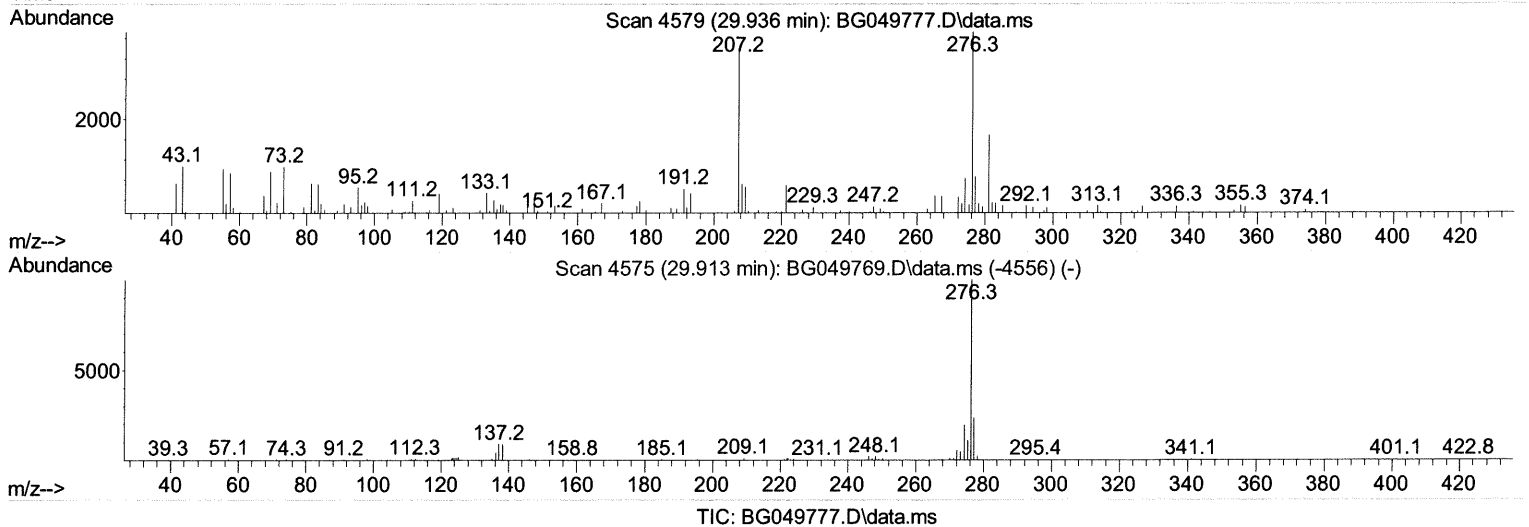
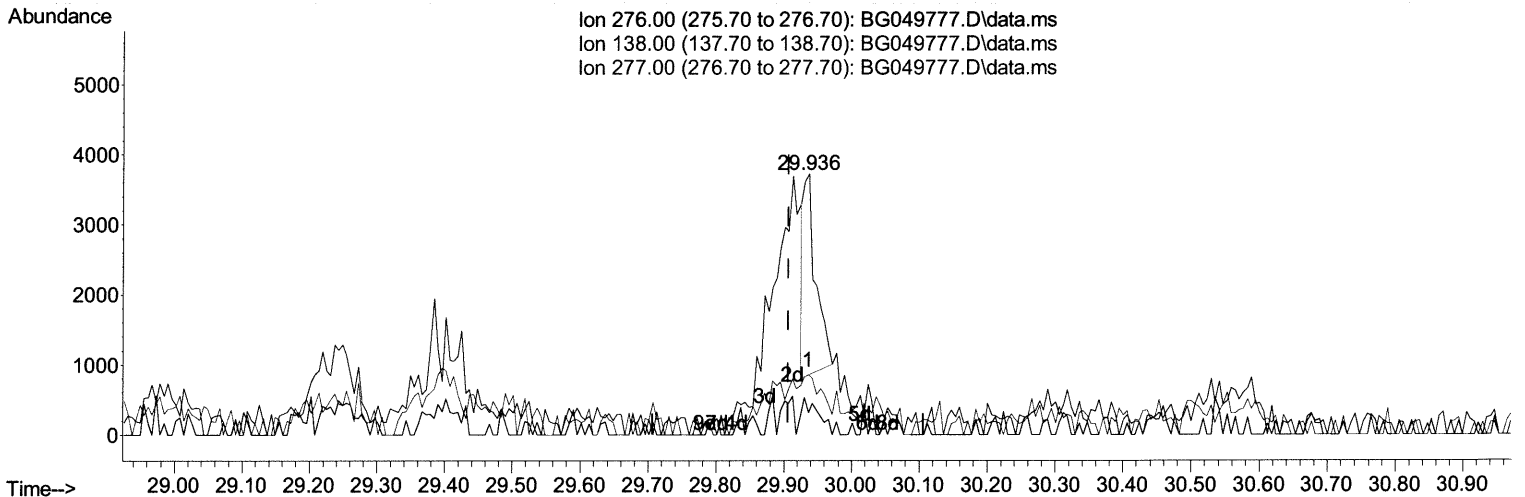
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00C9

Manual Integrations
APPROVED

mohammad
8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration



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

29.936min (+ 0.030) 0.24 ng/ul

response 3560

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	8.39
277.00	24.40	23.09
0.00	0.00	0.00

Quantitation Report (Qedit)

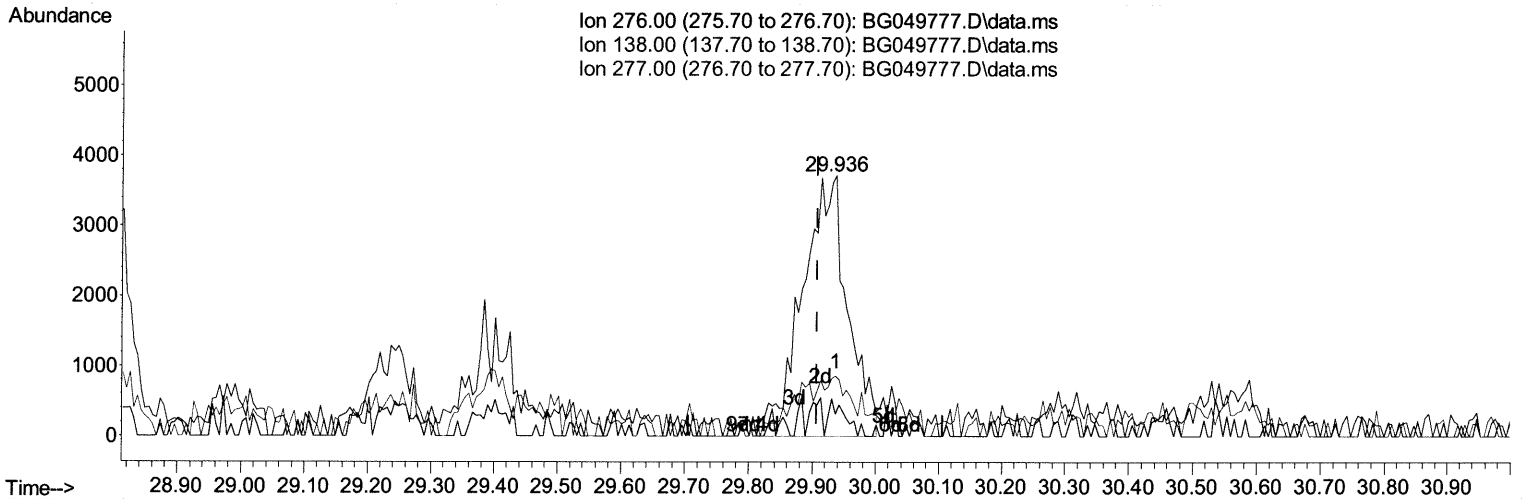
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049777.D
 Acq On : 11 Aug 2021 5:29
 Operator : CG/JU
 Sample : M3182-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00C9

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration



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

29.936min (+ 0.030) 1.26 ng/ul m 08/12/21 JU

response 18413

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	8.39
277.00	24.40	23.09
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049777.D
 Acq On : 11 Aug 2021 5:29
 Operator : CG/JU
 Sample : M3182-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00C9

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:34:13 PM

Quant Time: Aug 11 08:51:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	42811	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	181382	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	123275	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	242983	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	223566	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	232265	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	2725m	2.976	ng/ul	0.01
4) Pyridine-d5	3.848	84	23486	8.547	ng/ul	0.00
7) Phenol-d5	7.196	99	65216	16.785	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	37980	17.018	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	52094	18.733	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	45706	15.428	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	28821	20.172	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	33374	20.453	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	54960	17.863	ng/ul	0.00
31) 4-Chloroaniline-d4	10.991	131	36554	8.679	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	193895	20.043	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	223847	19.449	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	24746	15.821	ng/ul	0.00
60) Fluorene-d10	15.685	176	162962	19.597	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	27917	17.071	ng/ul	0.00
73) Anthracene-d10	17.541	188	227522	19.837	ng/ul	0.00
81) Pyrene-d10	19.826	212	253511	20.580	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.778	264	242186	19.030	ng/ul	0.01
Target Compounds						
6) Benzaldehyde	7.173	77	2501m	1.208	ng/ul	Qvalue
16) Acetophenone	8.859	105	7661m	1.558	ng/ul	Qvalue
30) Naphthalene	10.909	128	84144	8.883	ng/ul	99
36) 2-Methylnaphthalene	12.513	142	55727	7.683	ng/ul	91
37) 1-Methylnaphthalene	12.730	142	24578	3.482	ng/ul	98
43) 1,1'-Biphenyl	13.517	154	21886	2.383	ng/ul	89
50) Acenaphthylene	14.410	152	23206	2.137	ng/ul	96
56) Dibenzofuran	15.086	168	25853	2.403	ng/ul	100
72) Phenanthrene	17.482	178	171803	13.359	ng/ul	99
74) Anthracene	17.576	178	24617	1.914	ng/ul	96
80) Fluoranthene	19.497	202	303092	19.938	ng/ul#	97
82) Pyrene	19.856	202	242488	15.993	ng/ul#	98
85) Benzo(a)anthracene	21.706	228	177681	12.105	ng/ul	96
87) Chrysene	21.771	228	196347m	14.323	ng/ul	Qvalue
90) Benzo(b)fluoranthene	23.962	252	237460	15.642	ng/ul	100
91) Benzo(k)fluoranthene	24.027	252	68643m	4.554	ng/ul	Qvalue
93) Benzo(a)pyrene	24.849	252	121949	9.125	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.750	276	96264	5.489	ng/ul#	90
95) Dibenzo(a,h)anthracene	28.797	278	30434m	2.080	ng/ul	Qvalue
96) Benzo(g,h,i)perylene	29.936	276	18413m	1.263	ng/ul	Qvalue

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