

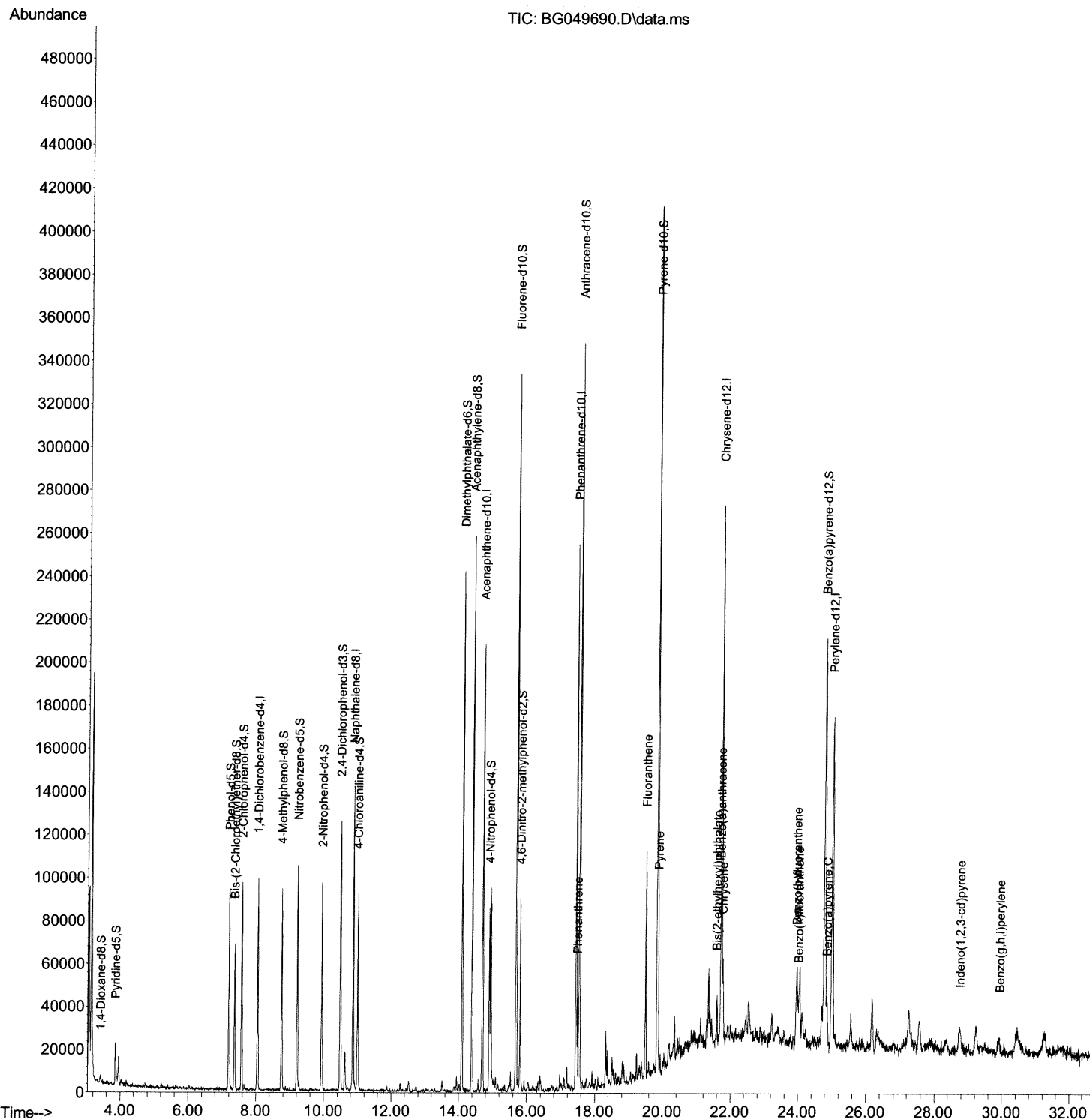
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049690.D
Acq On : 7 Aug 2021 00:39
Operator : CG/JU
Sample : M3124-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0091

Manual Integrations
APPROVED

mohammad
8/9/2021 12:10:06 PM

Quant Time: Aug 07 01:49:49 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



Quantitation Report (Qedit)

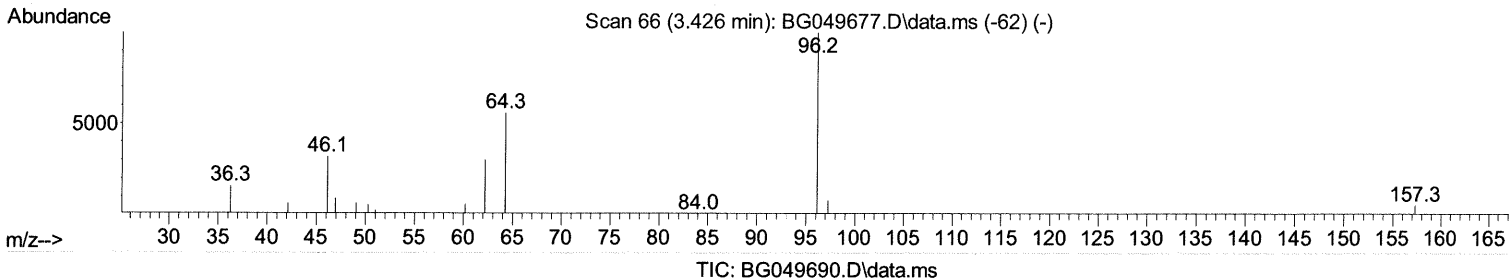
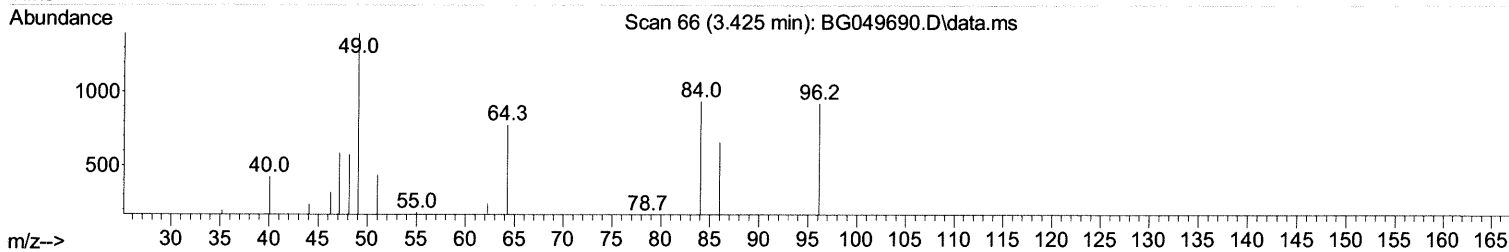
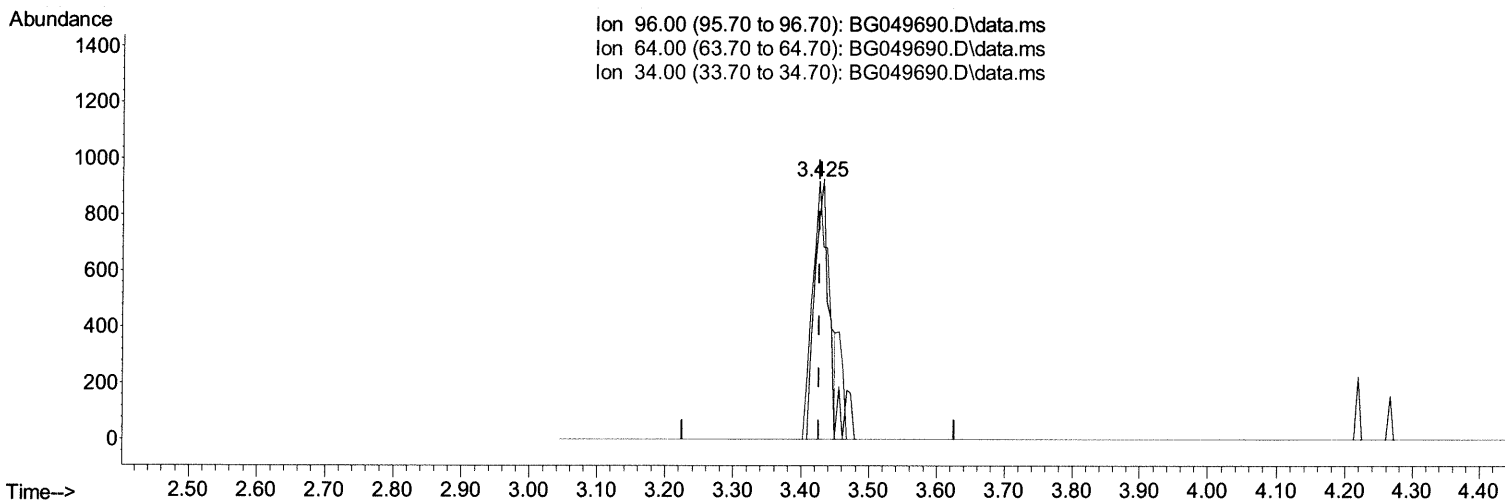
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
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TIC: BG049690.D\data.ms

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

3.425min (-0.001) 2.67 ng/uL

response 1571

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	84.46
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

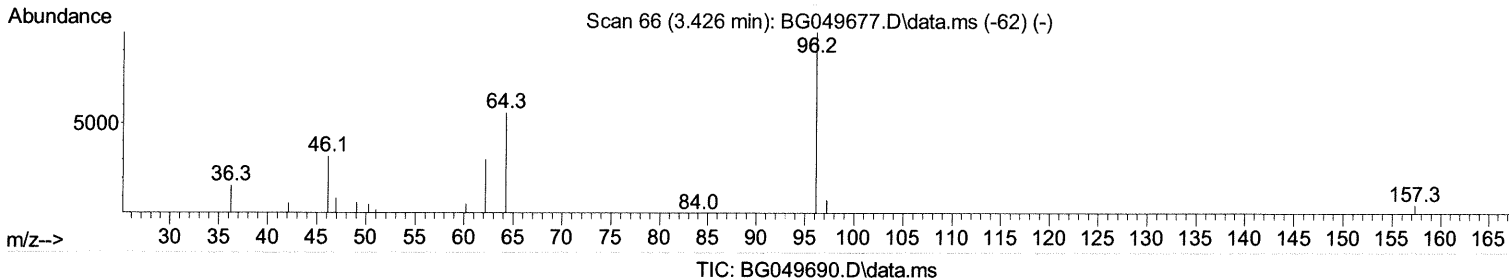
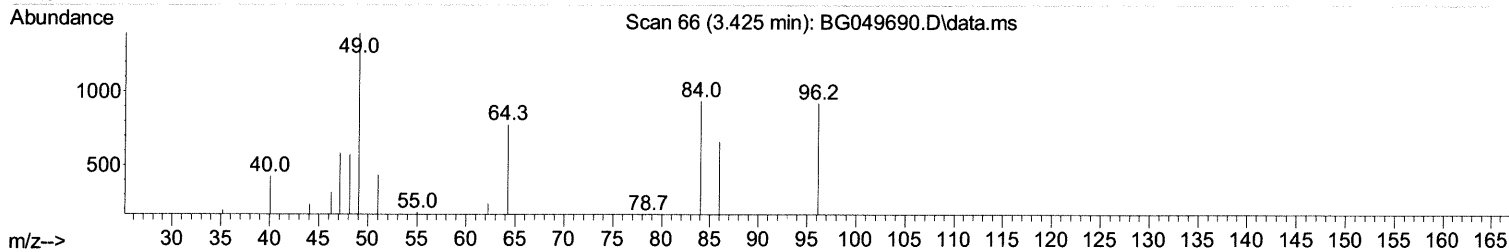
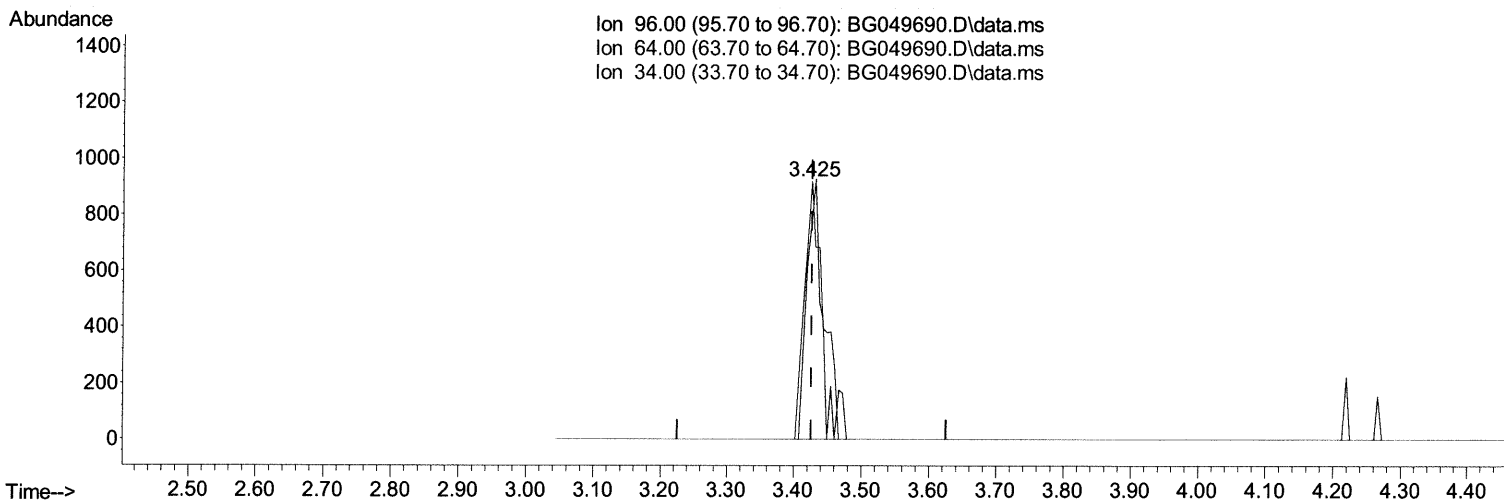
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049690.D
 Acq On : 7 Aug 2021 00:39
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 Response via : Initial Calibration



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

3.425min (-0.001) 3.06 ng/uL m 08/11/21 JU

response 1798

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	84.46
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

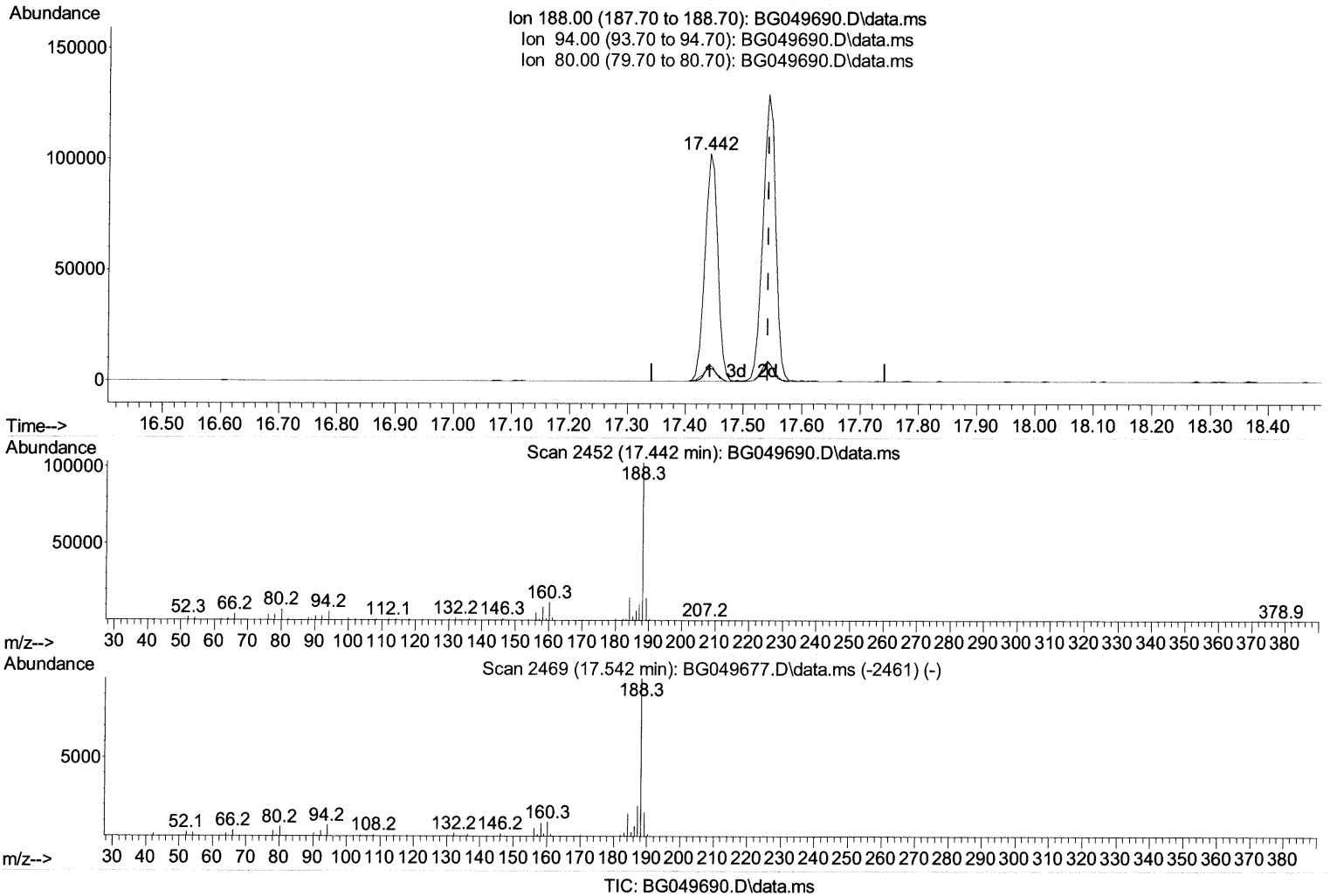
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049690.D
 Acq On : 7 Aug 2021 00:39
 Operator : CG/JU
 Sample : M3124-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
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(73) Anthracene-d10 (S)

17.442min (-0.100) 21.18 ng/ul

response 156907

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	5.65
80.00	6.00	6.98
0.00	0.00	0.00

Quantitation Report (Qedit)

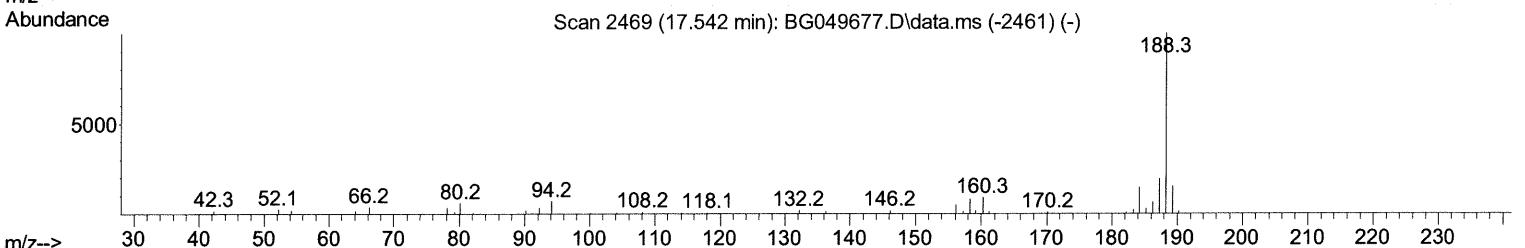
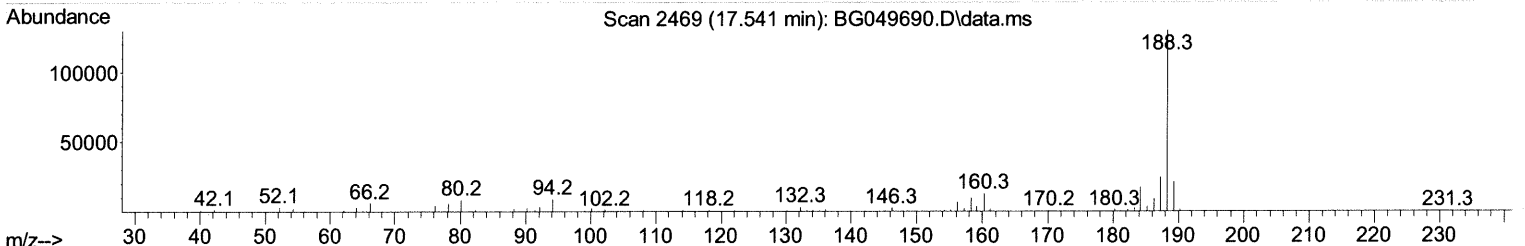
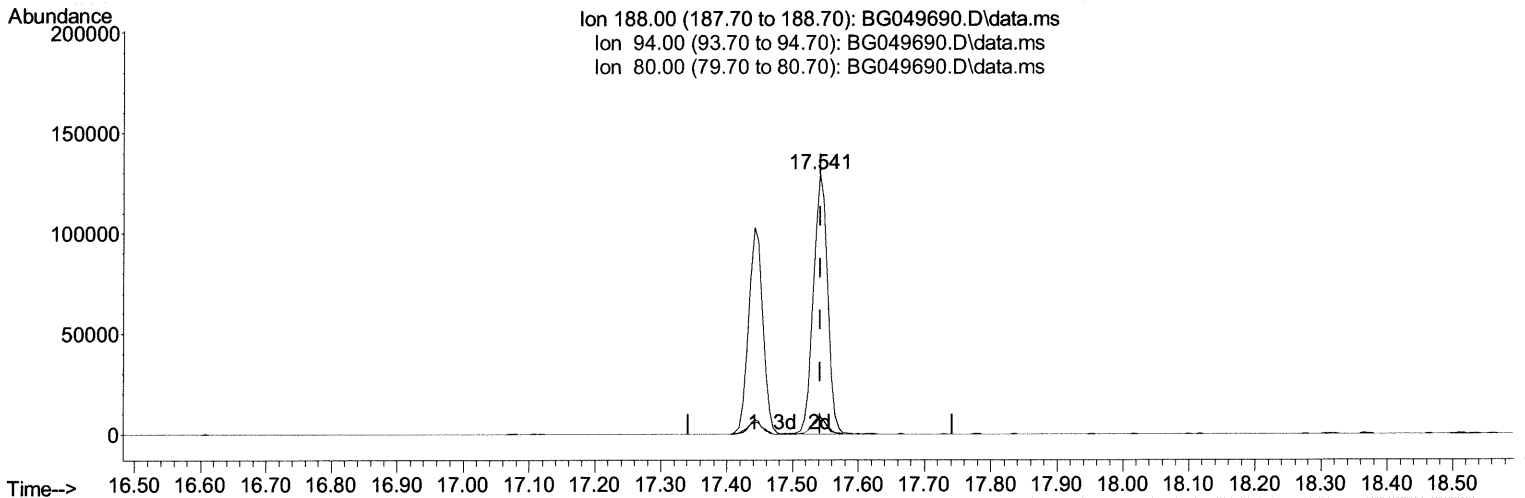
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049690.D
 Acq On : 7 Aug 2021 00:39
 Operator : CG/JU
 Sample : M3124-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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mohammad
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Quant Time: Aug 07 01:49:49 2021
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BG049690.D\data.ms

(73) Anthracene-d10 (S)

17.541min (-0.000) 26.38 ng/ul m 08/11/21 JU

response 195362

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	7.02#
80.00	6.00	6.62
0.00	0.00	0.00

Quantitation Report (Qedit)

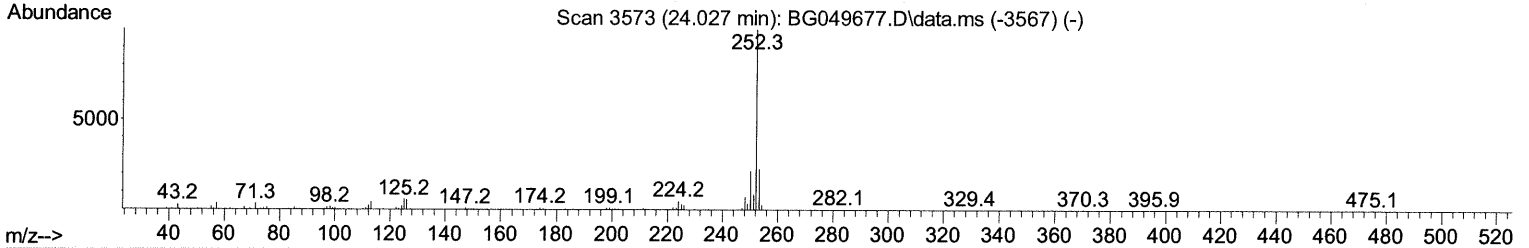
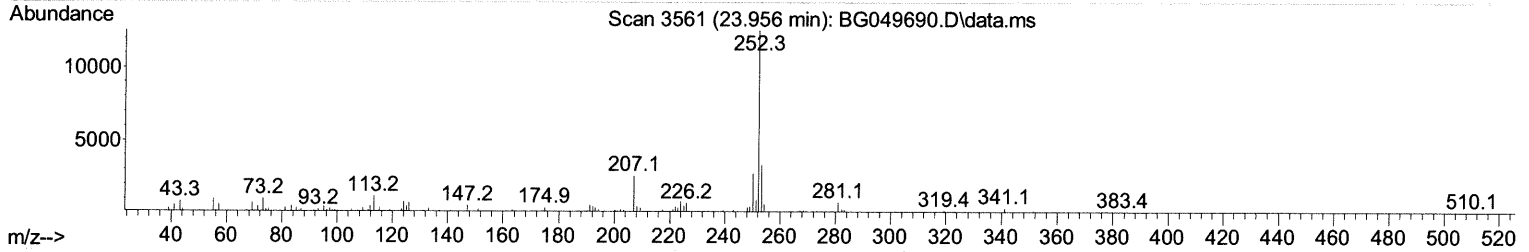
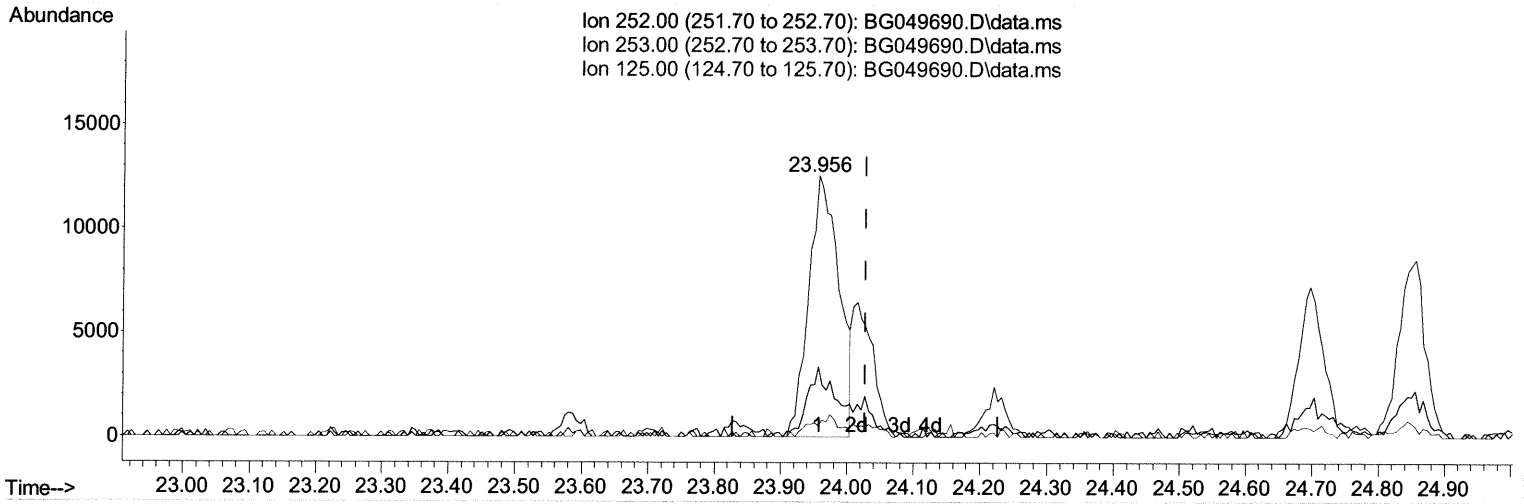
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049690.D
 Acq On : 7 Aug 2021 00:39
 Operator : CG/JU
 Sample : M3124-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
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TIC: BG049690.D\data.ms

(91) Benzo(k)fluoranthene

23.956min (-0.071) 4.08 ng/ul

response 39724

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	26.68
125.00	4.80	4.25
0.00	0.00	0.00

Quantitation Report (Qedit)

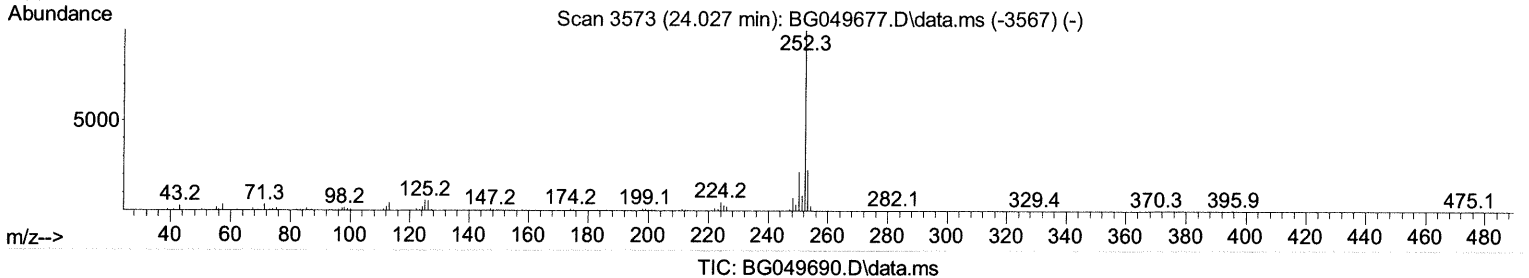
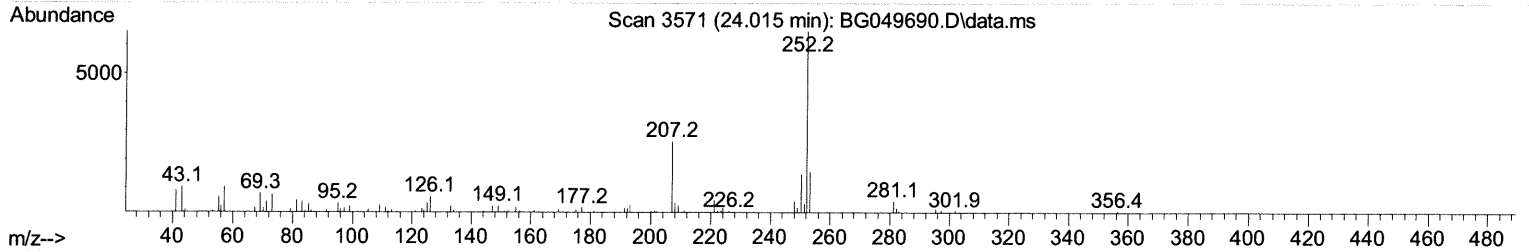
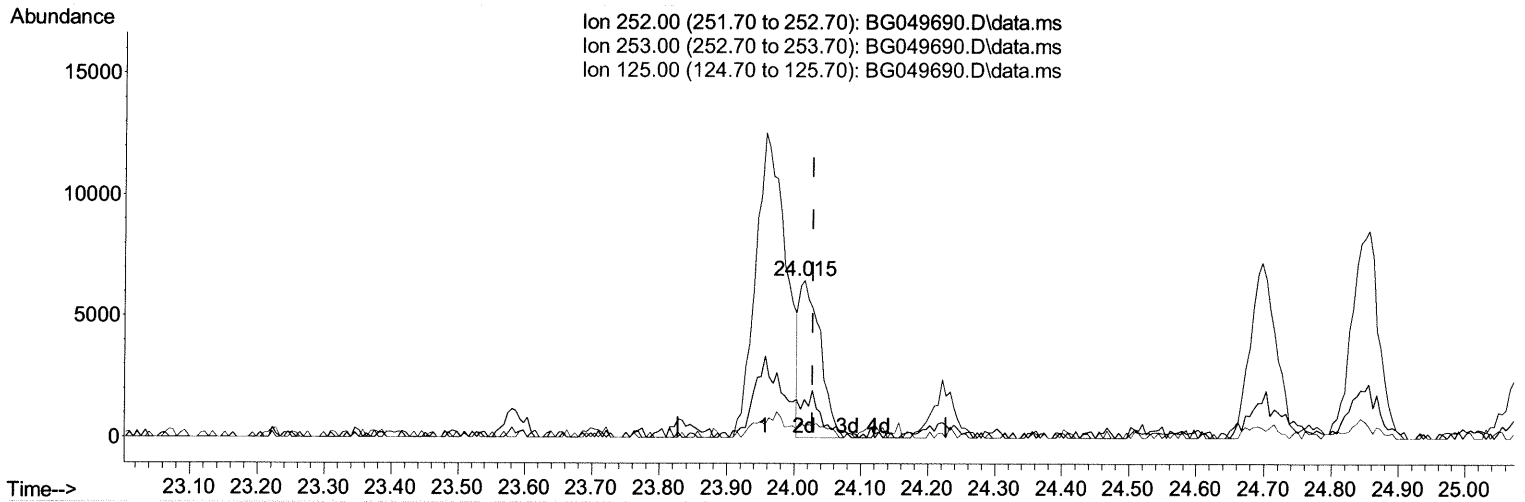
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 Data File : BG049690.D
 Acq On : 7 Aug 2021 00:39
 Operator : CG/JU
 Sample : M3124-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0091

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:10:06 PM

Quant Time: Aug 07 01:49:49 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



(91) Benzo(k)fluoranthene

24.015min (-0.012) 1.41 ng/ul m 08/11/21 JU

response 13724

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	24.10
125.00	4.80	7.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

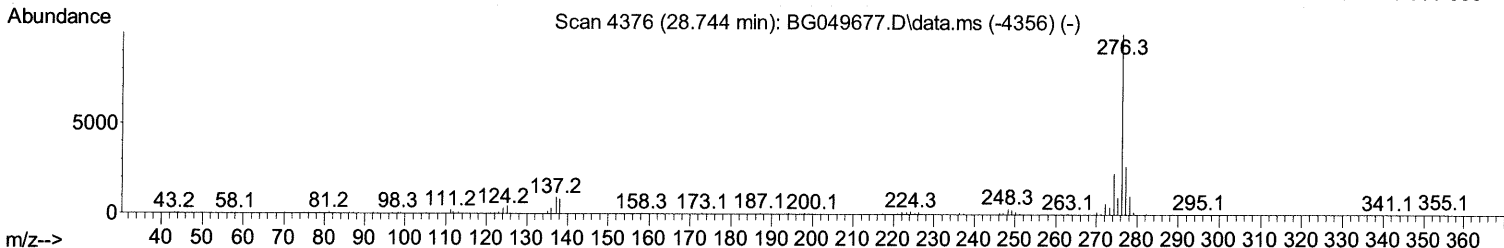
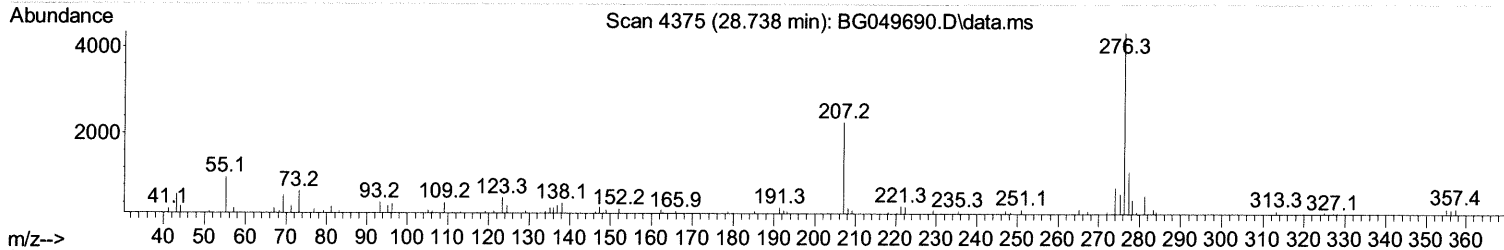
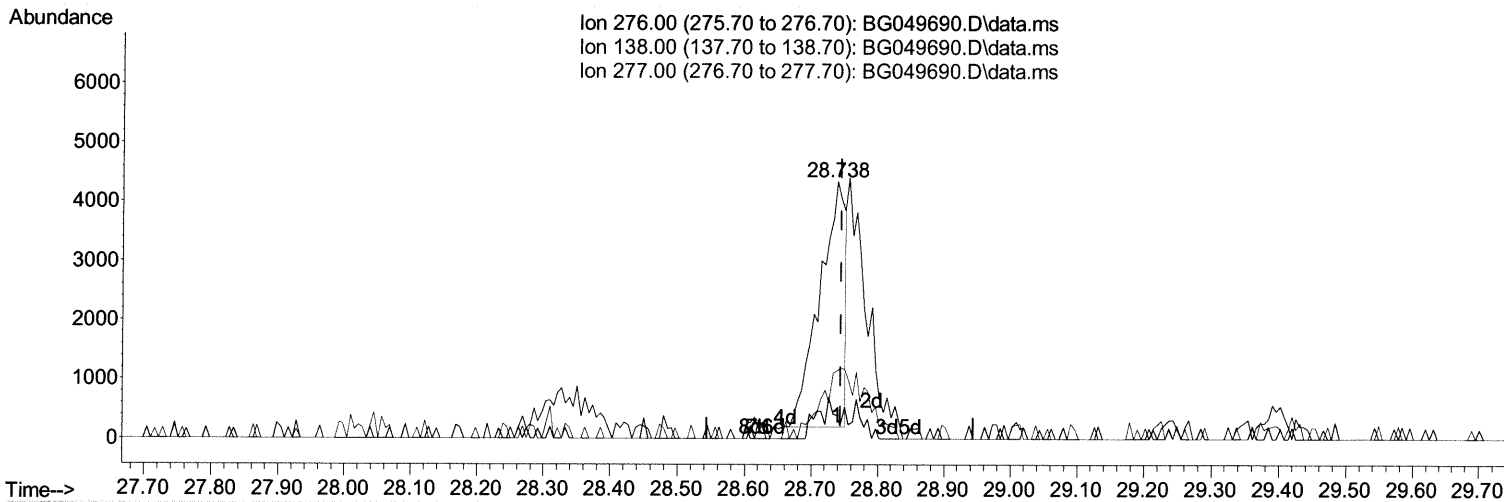
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 Data File : BG049690.D
 Acq On : 7 Aug 2021 00:39
 Operator : CG/JU
 Sample : M3124-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BG049690.D\data.ms

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

28.738min (-0.006) 0.98 ng/ul

response 11050

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	8.95
277.00	24.30	26.12
0.00	0.00	0.00

Quantitation Report (Qedit)

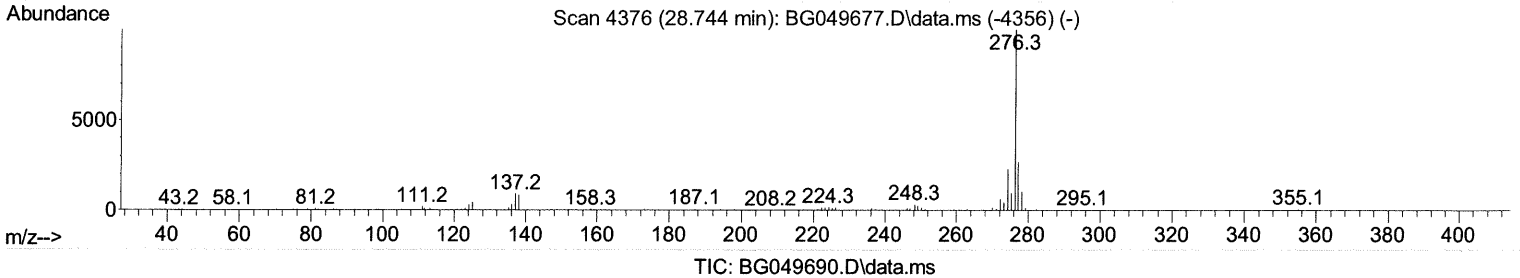
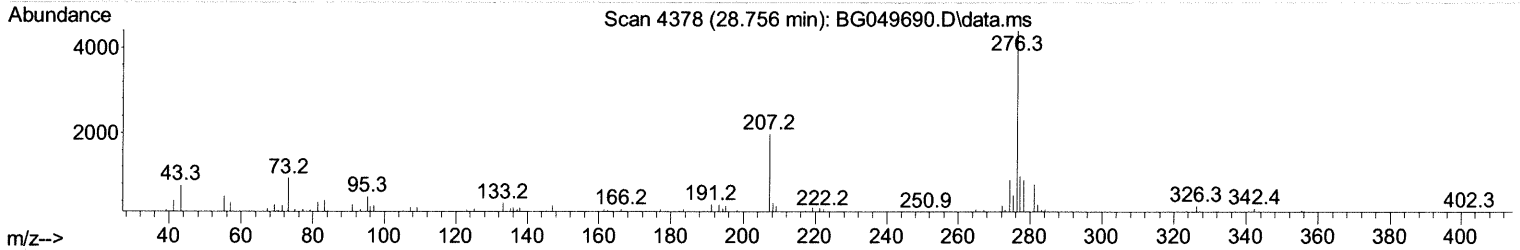
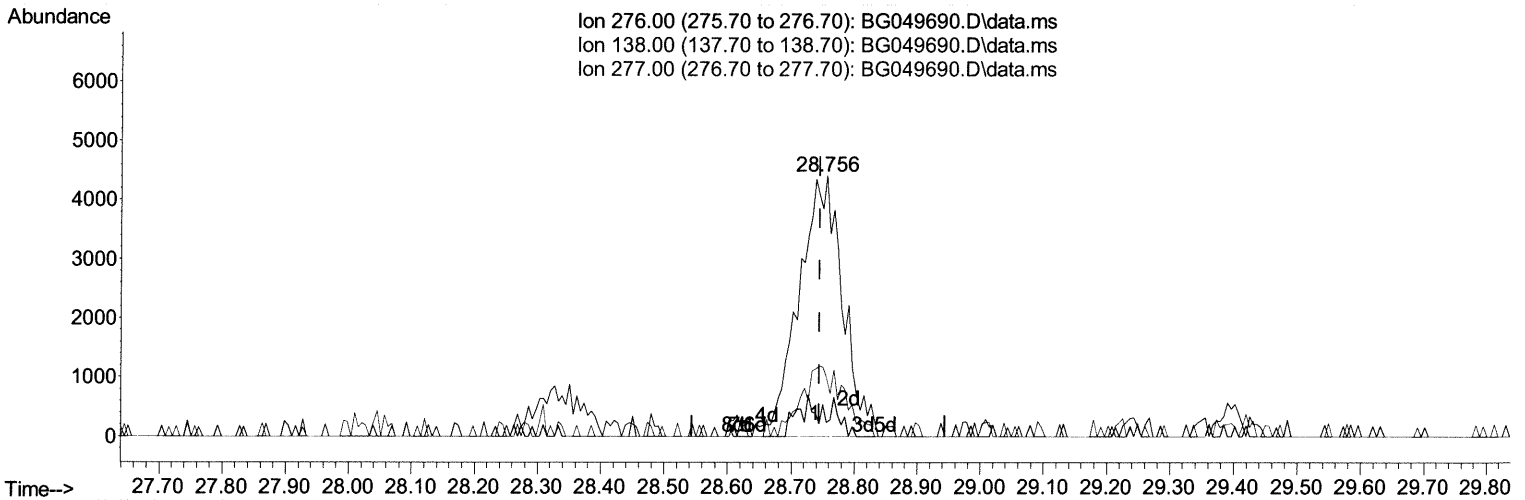
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049690.D
 Acq On : 7 Aug 2021 00:39
 Operator : CG/JU
 Sample : M3124-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0091

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:10:06 PM

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 QLast Update : Wed Aug 04 16:17:29 2021
 Response via : Initial Calibration



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

28.756min (+ 0.011) 1.87 ng/ul m 08/11/21 JU

response 21192

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	5.31#
277.00	24.30	22.58
0.00	0.00	0.00

Quantitation Report (Qedit)

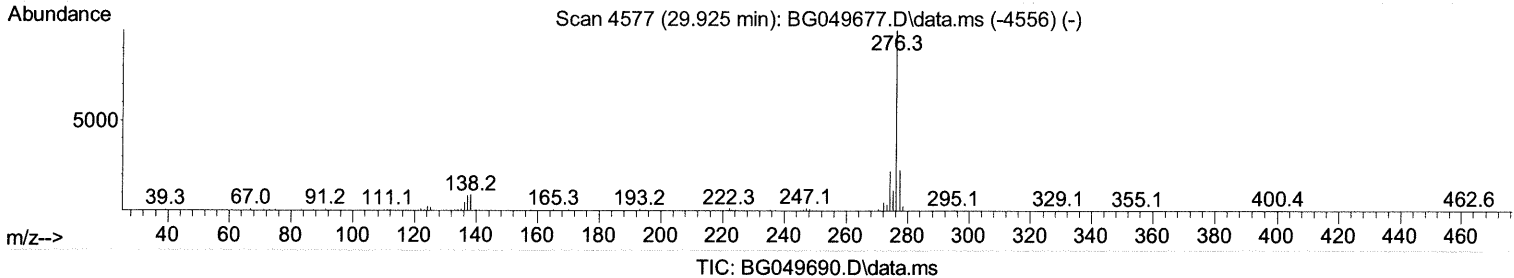
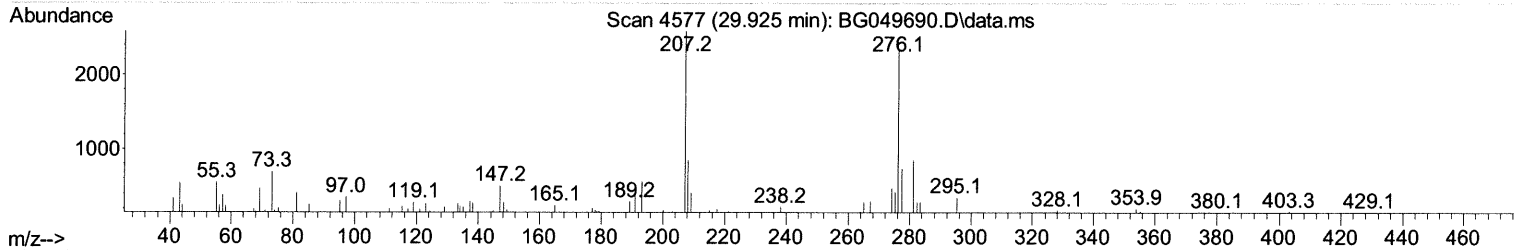
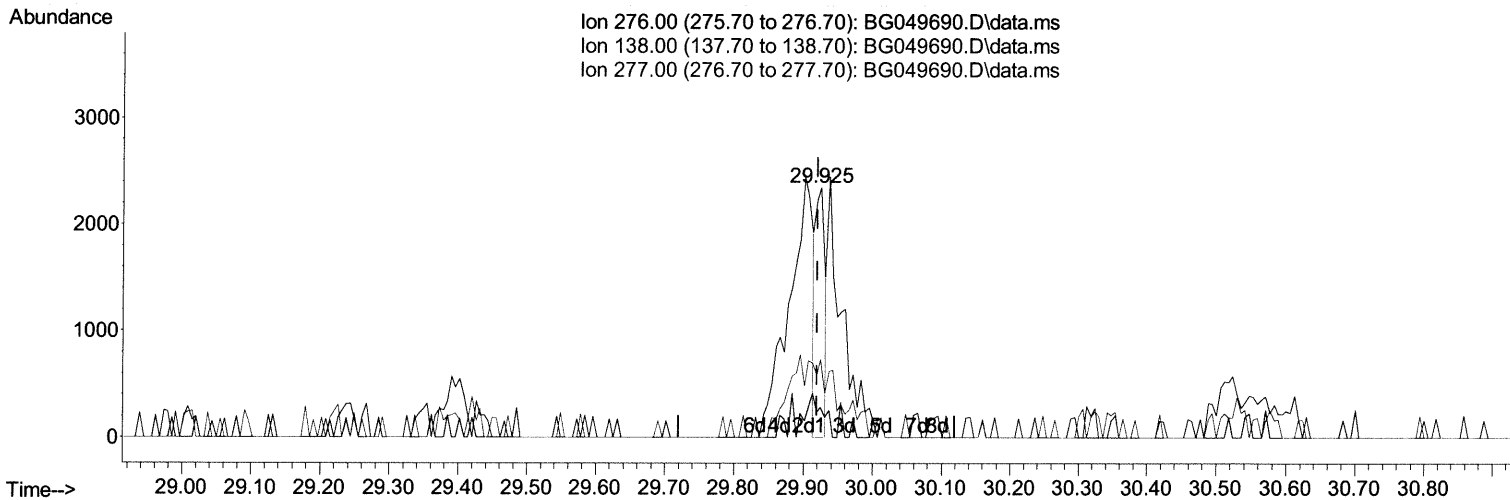
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049690.D
 Acq On : 7 Aug 2021 00:39
 Operator : CG/JU
 Sample : M3124-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0091

Manual Integrations
 APPROVED

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

29.925min (+ 0.005) 0.23 ng/u1

response 2140

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	11.85#
277.00	24.40	31.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

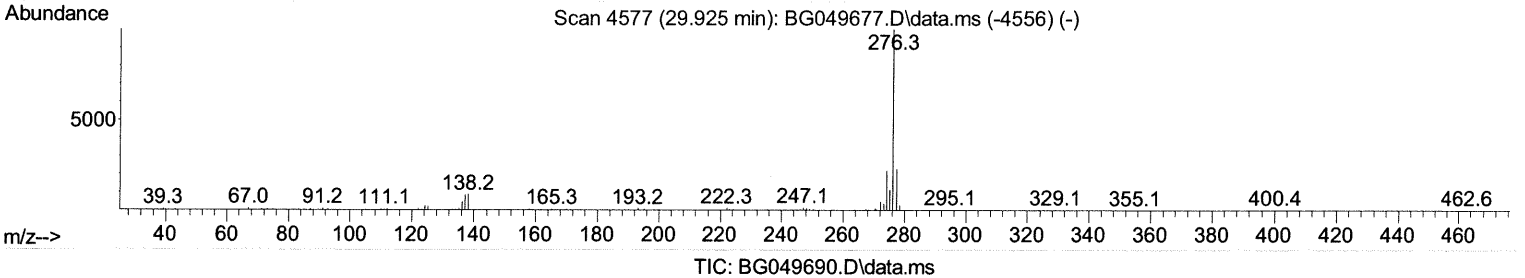
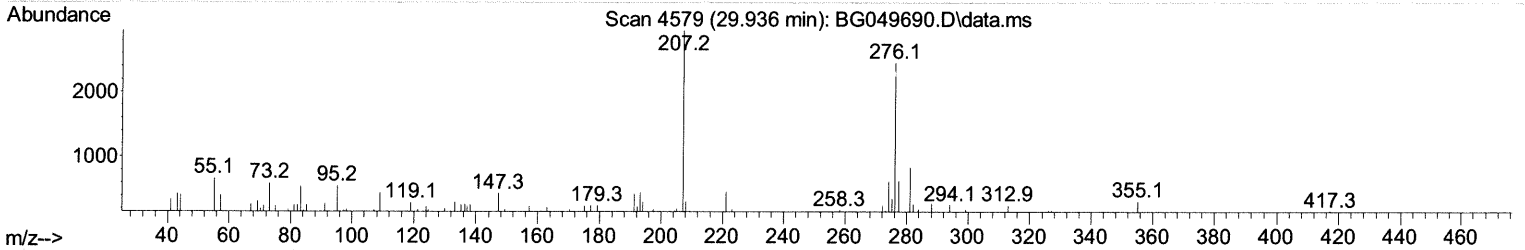
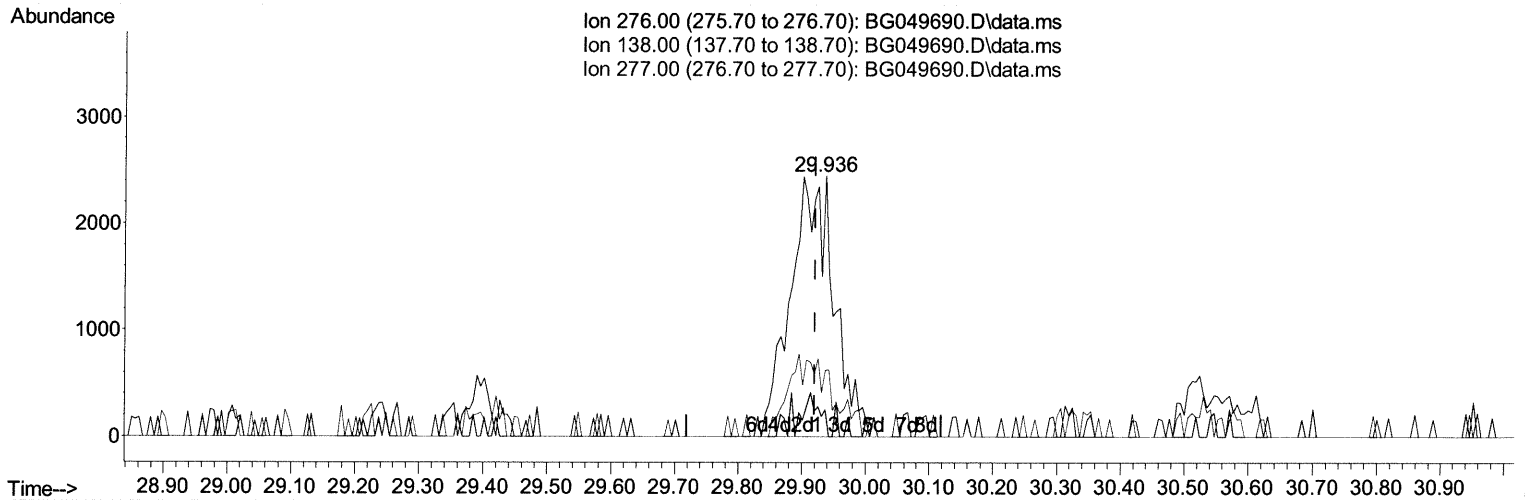
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 Data File : BG049690.D
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 Operator : CG/JU
 Sample : M3124-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(96) Benzo(g,h,i)perylene

29.936min (+ 0.017) 1.23 ng/ul m 08/11/21 JU

response 11556

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	10.33
277.00	24.40	25.37
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	27482	20.000	ng/ul	0.00
20) Naphthalene-d8	10.862	136	108626	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.692	164	75126	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	156907	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	144074	20.000	ng/ul	# 0.00
88) Perylene-d12	25.008	264	150051	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	1798m	3.059	ng/ul	0.00 08/11/21 JU
4) Pyridine-d5	3.860	84	13118	7.437	ng/ul	0.01
7) Phenol-d5	7.197	99	53381	21.402	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	33078	23.089	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	41547	23.274	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	32194	16.929	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	22445	26.231	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	27527	28.169	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	46183	25.064	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	45647	18.096	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	152333	25.839	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	177642	25.327	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	19926	20.904	ng/ul	0.00
60) Fluorene-d10	15.685	176	129231	25.501	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	18610	17.622	ng/ul	0.00
73) Anthracene-d10	17.541	188	195362m	26.377	ng/ul	0.00 08/11/21 JU
81) Pyrene-d10	19.827	212	224328	28.259	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	214525	26.092	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.483	178	25777	3.104	ng/ul	98
80) Fluoranthene	19.498	202	63526	6.484	ng/ul#	97
82) Pyrene	19.862	202	49835	5.100	ng/ul#	94
85) Benzo(a)anthracene	21.701	228	24499	2.590	ng/ul#	91
86) Bis(2-ethylhexyl)phtha...	21.595	149	6455	1.183	ng/ul#	87
87) Chrysene	21.771	228	28787	3.258	ng/ul#	89
90) Benzo(b)fluoranthene	23.956	252	39724	4.050	ng/ul#	91
91) Benzo(k)fluoranthene	24.015	252	13724m	1.409	ng/ul	08/11/21 JU
93) Benzo(a)pyrene	24.855	252	23638	2.738	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.756	276	21192m	1.870	ng/ul	08/11/21 JU
96) Benzo(g,h,i)perylene	29.936	276	11556m	1.226	ng/ul	08/11/21 JU

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