

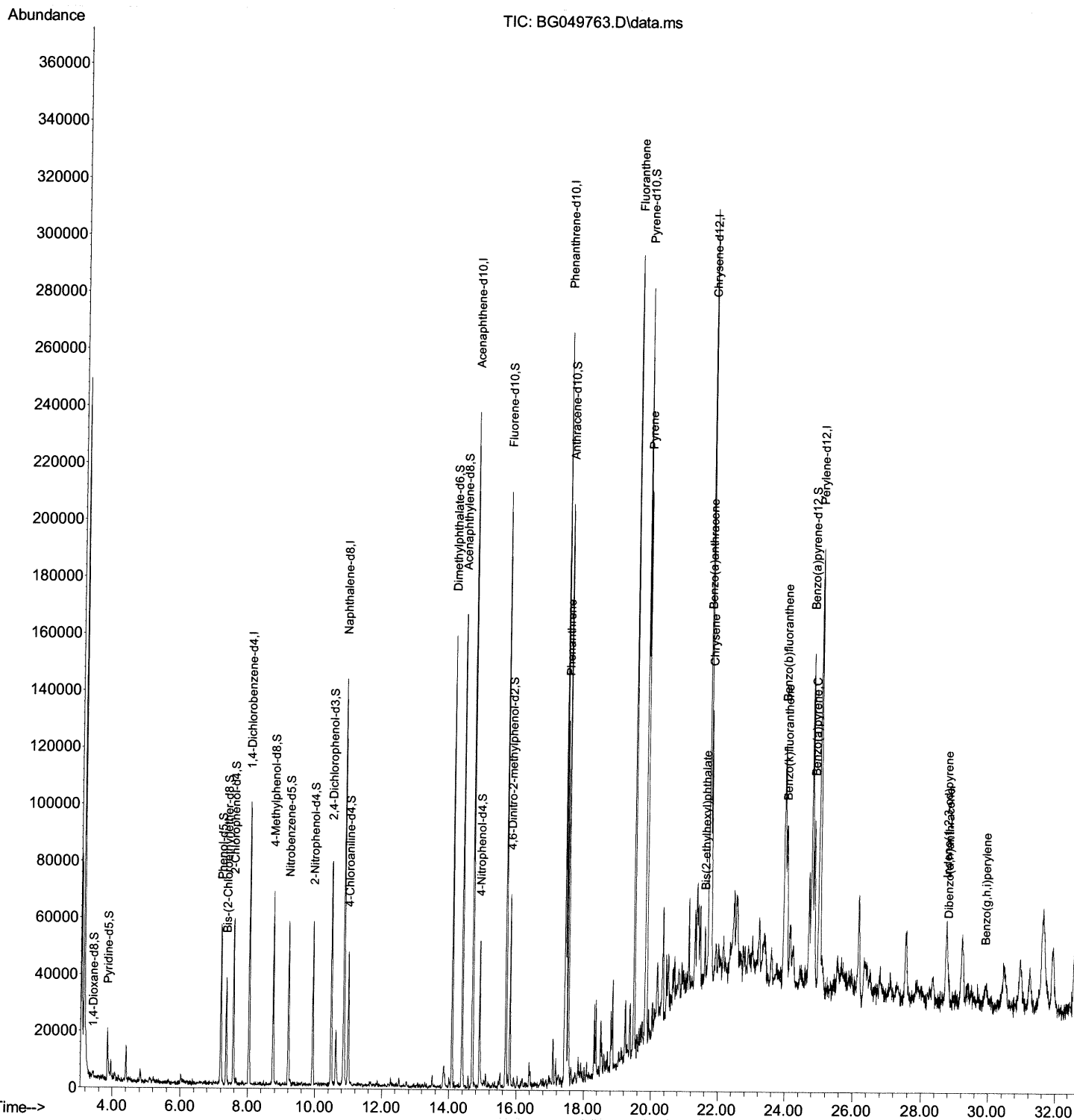
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049763.D
Acq On : 10 Aug 2021 19:10
Operator : CG/JU
Sample : M3182-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
C00D7

Manual Integrations
APPROVED

mohammad
8/11/2021 9:32:44 PM

Quant Time: Aug 11 03:05:19 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)

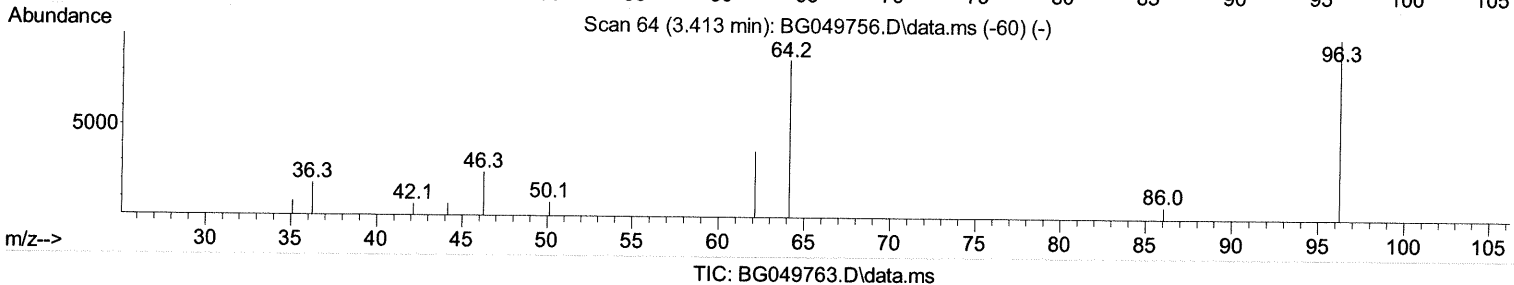
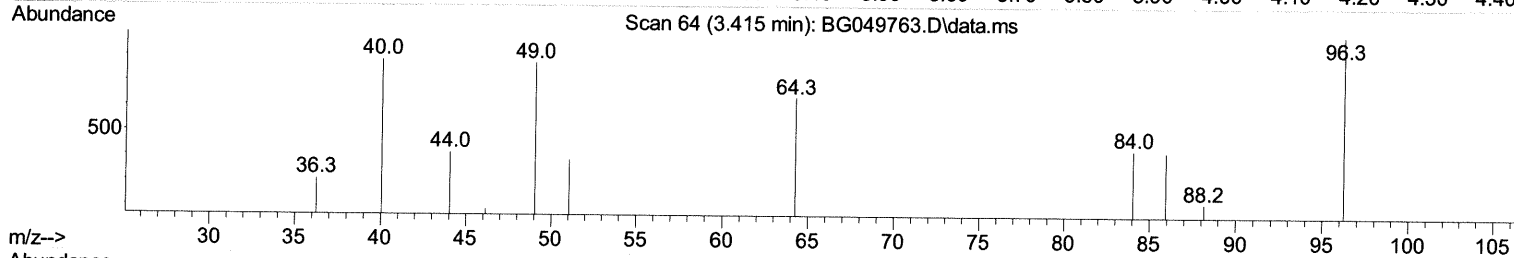
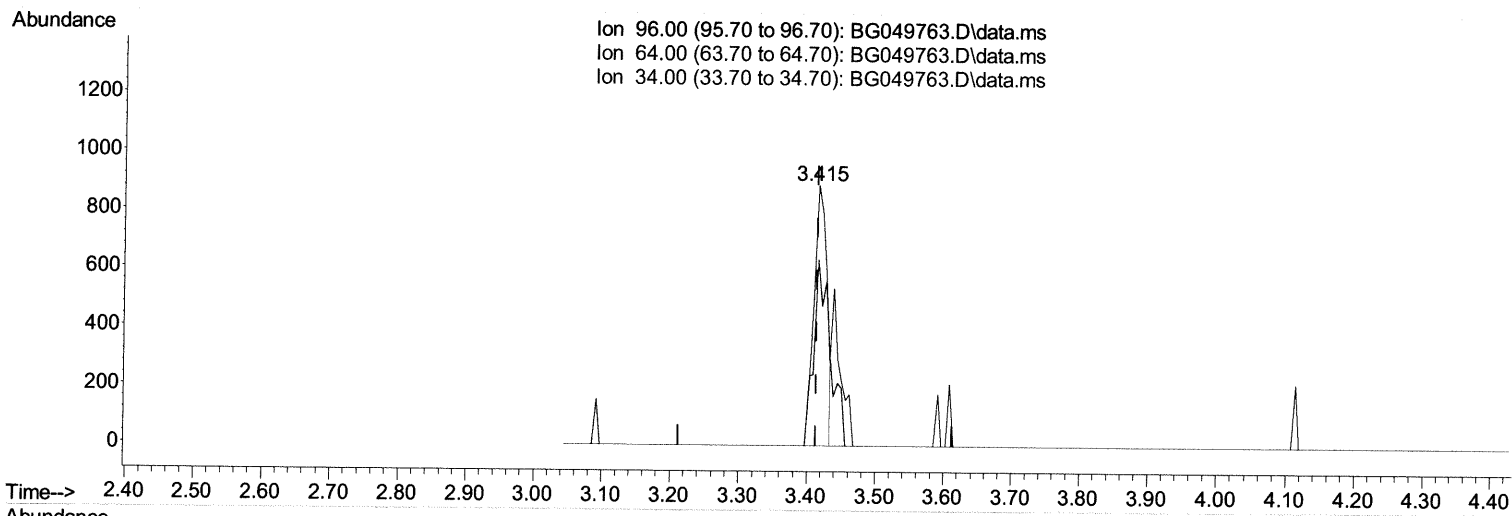
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(3) 1,4-Dioxane-d8 (S)

3.415min (+ 0.002) 2.00 ng/uL

response 1157

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	71.41
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

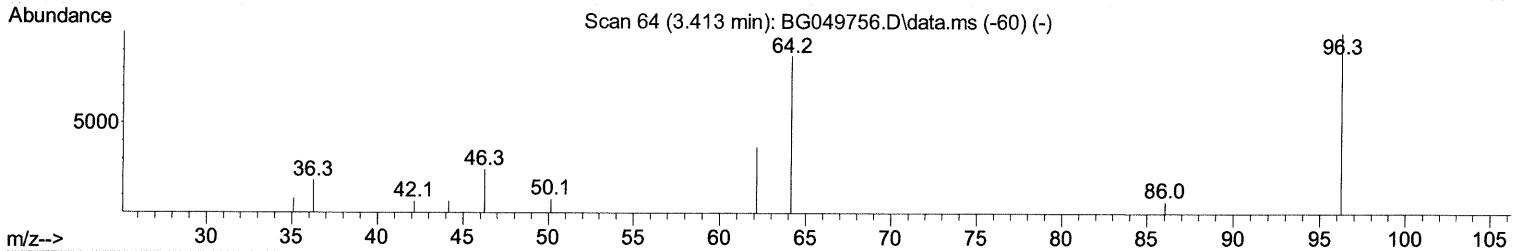
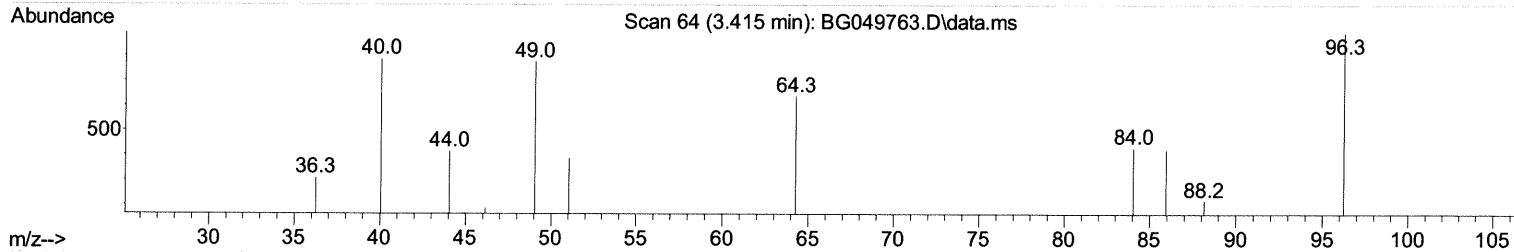
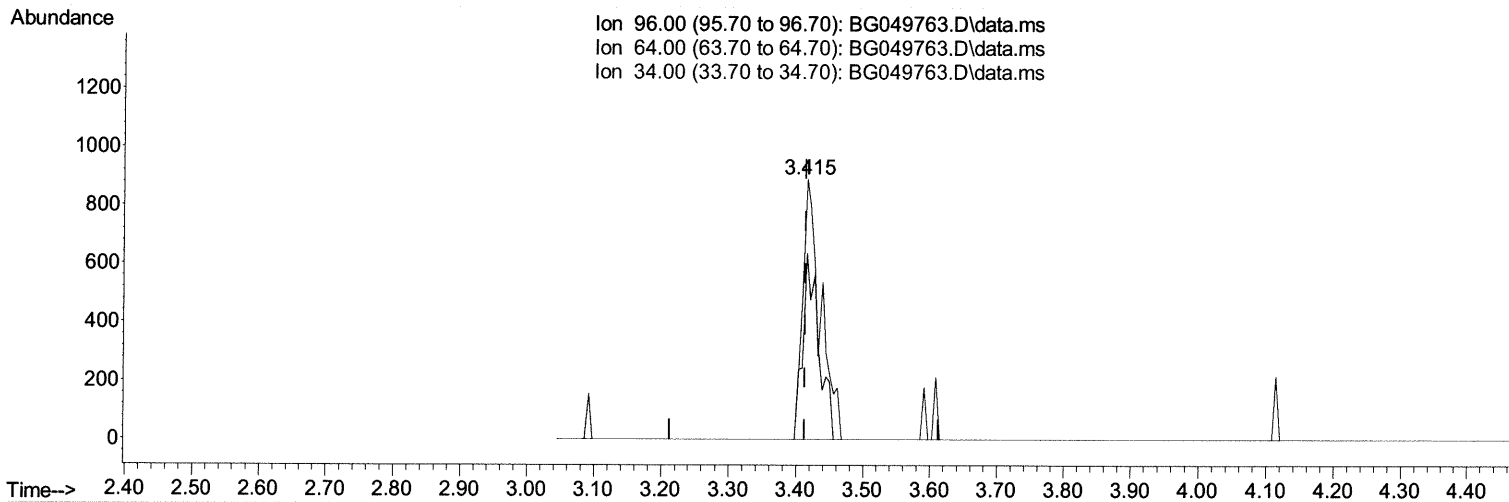
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TIC: BG049763.D\data.ms

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

3.415min (+ 0.002) 2.84 ng/uL m 08/12/21 JU

response 1645

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.10	71.41
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

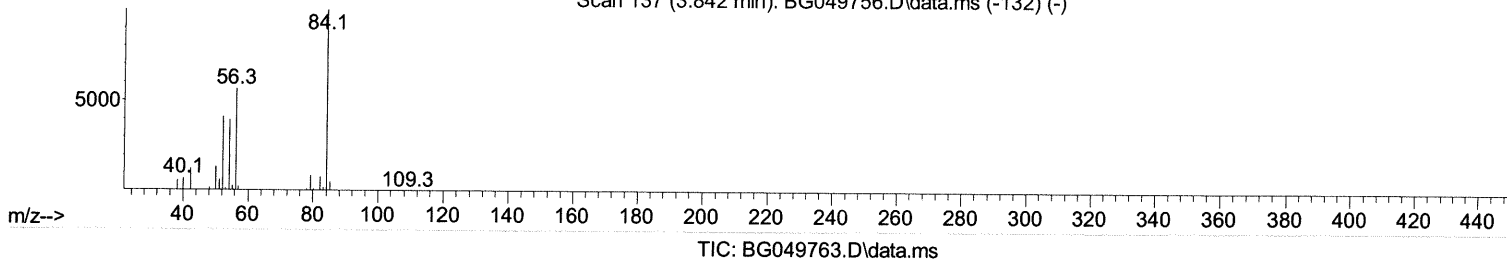
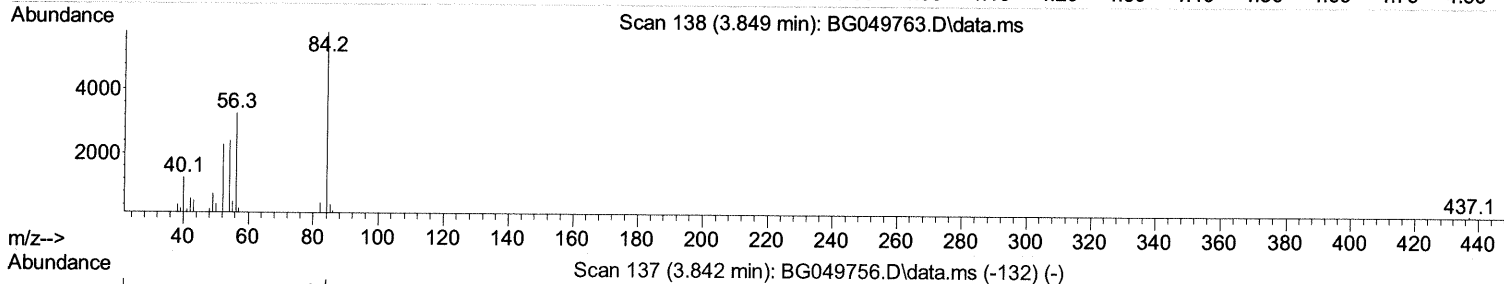
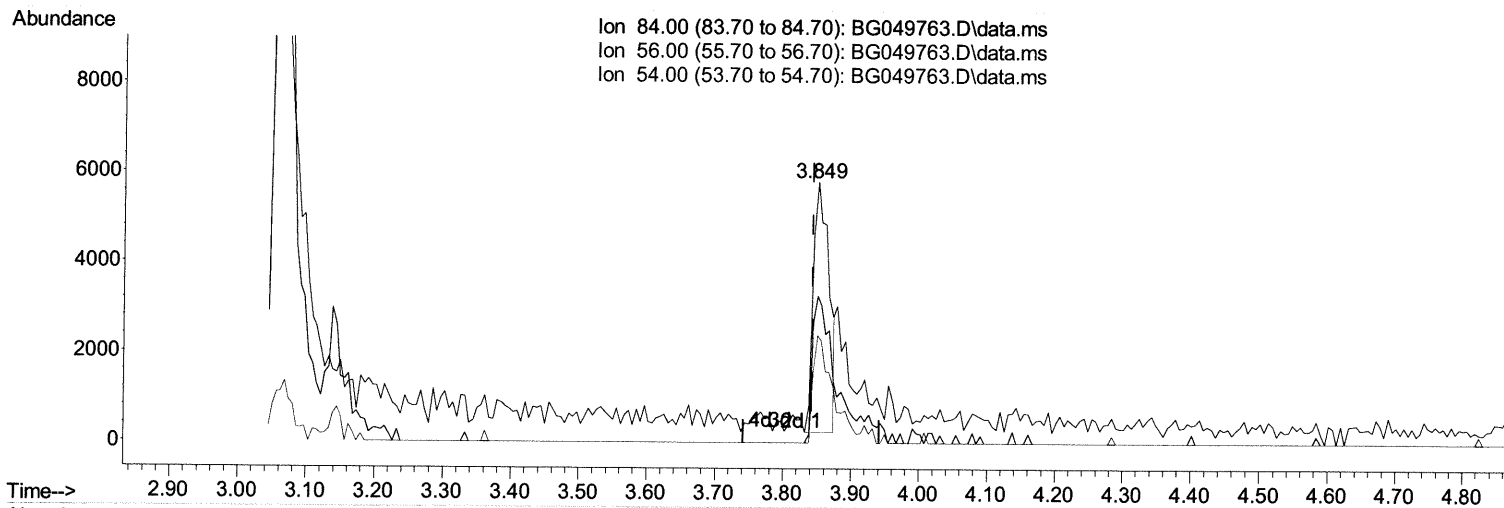
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(4) Pyridine-d5 (S)

3.849min (+ 0.008) 5.15 ng/ul

response 8941

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	56.14
54.00	36.30	41.26
0.00	0.00	0.00

Quantitation Report (Qedit)

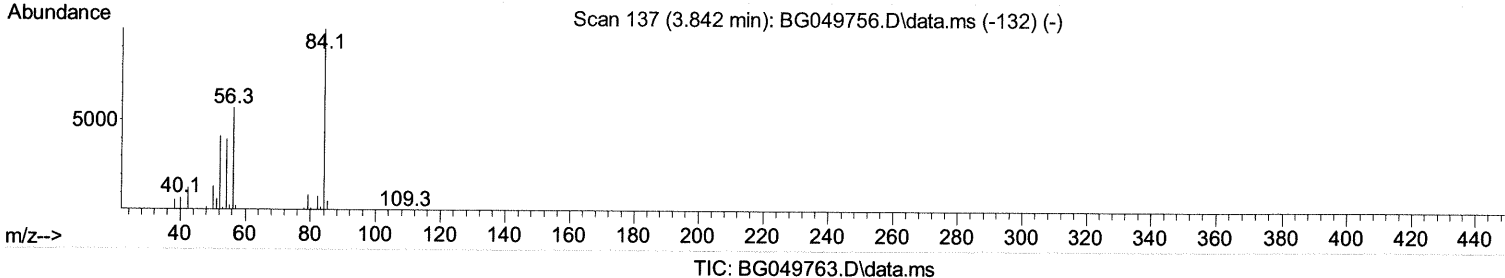
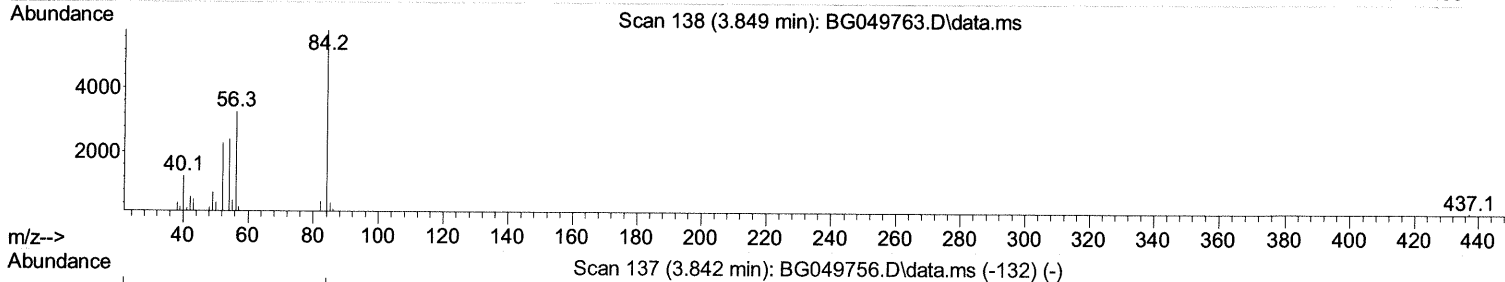
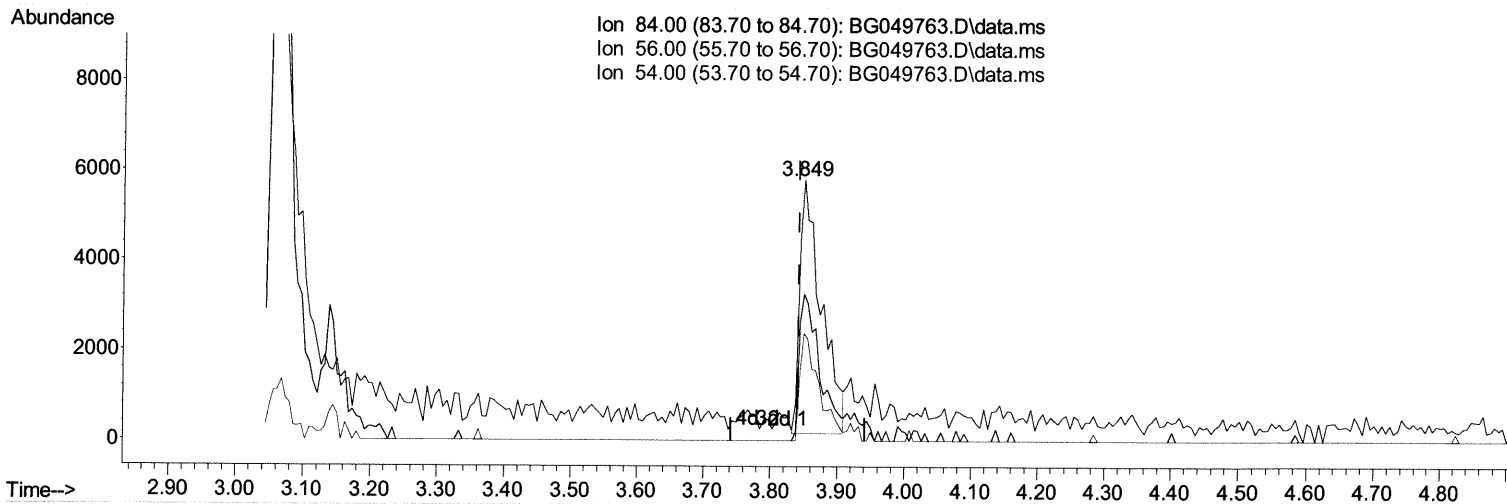
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049763.D
 Acq On : 10 Aug 2021 19:10
 Operator : CG/JU
 Sample : M3182-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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(4) Pyridine-d5 (S)

3.849min (+ 0.008) 7.28 ng/ul m 08/12/2021

response 12624

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	56.14
54.00	36.30	41.26
0.00	0.00	0.00

Quantitation Report (Qedit)

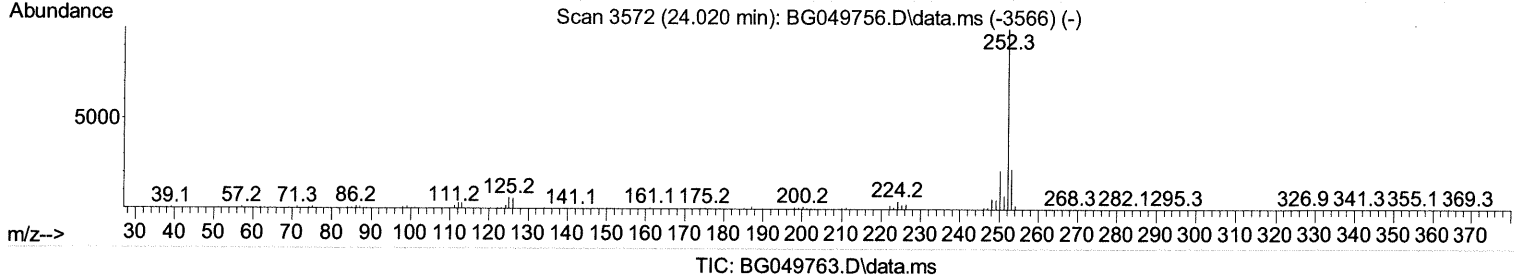
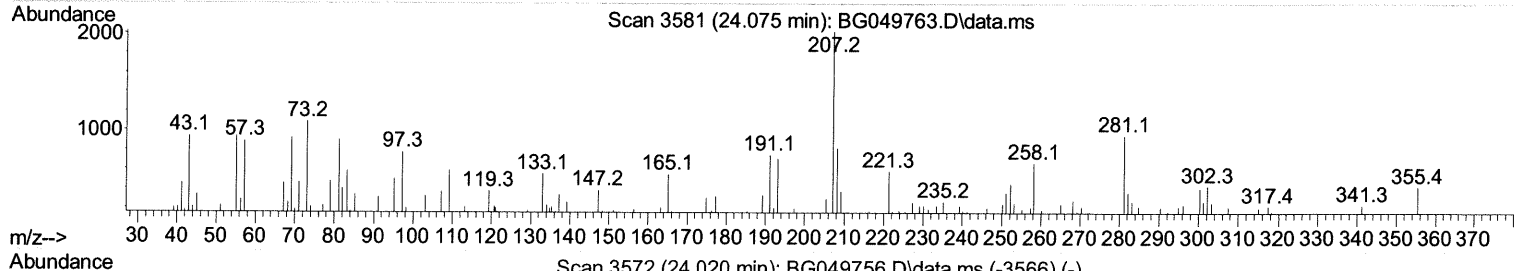
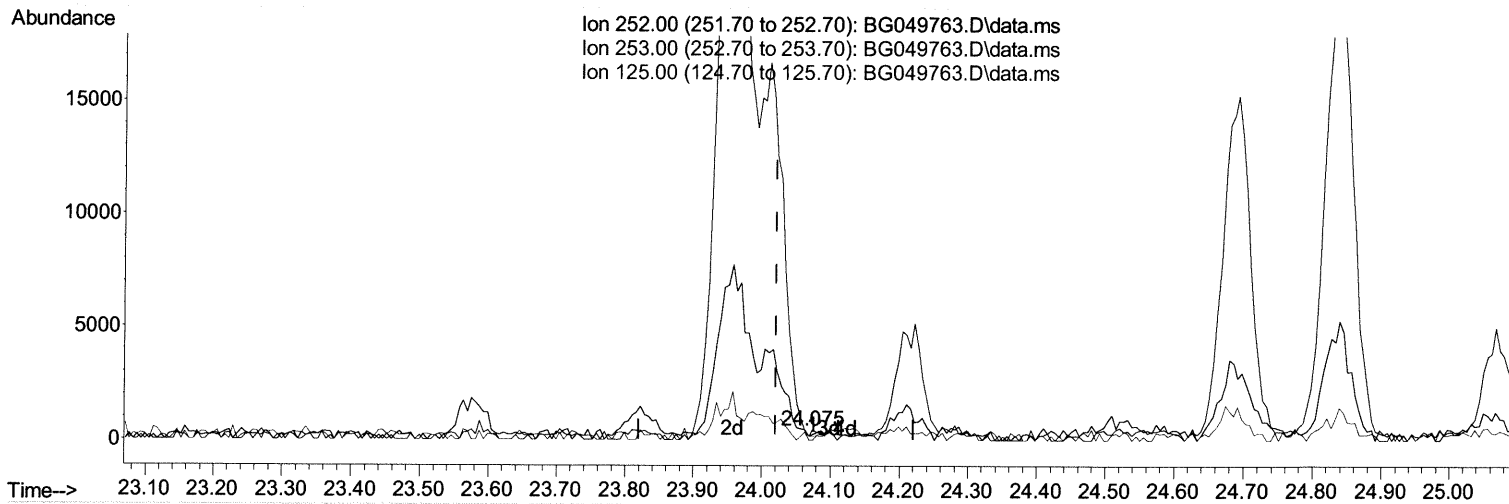
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049763.D
 Acq On : 10 Aug 2021 19:10
 Operator : CG/JU
 Sample : M3182-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00D7

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:32:44 PM

Quant Time: Aug 11 03:05:19 2021
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TIC: BG049763.D\data.ms

(91) Benzo(k)fluoranthene

24.075min (+ 0.055) 0.03 ng/ul

response 246

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	55.13#
125.00	4.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

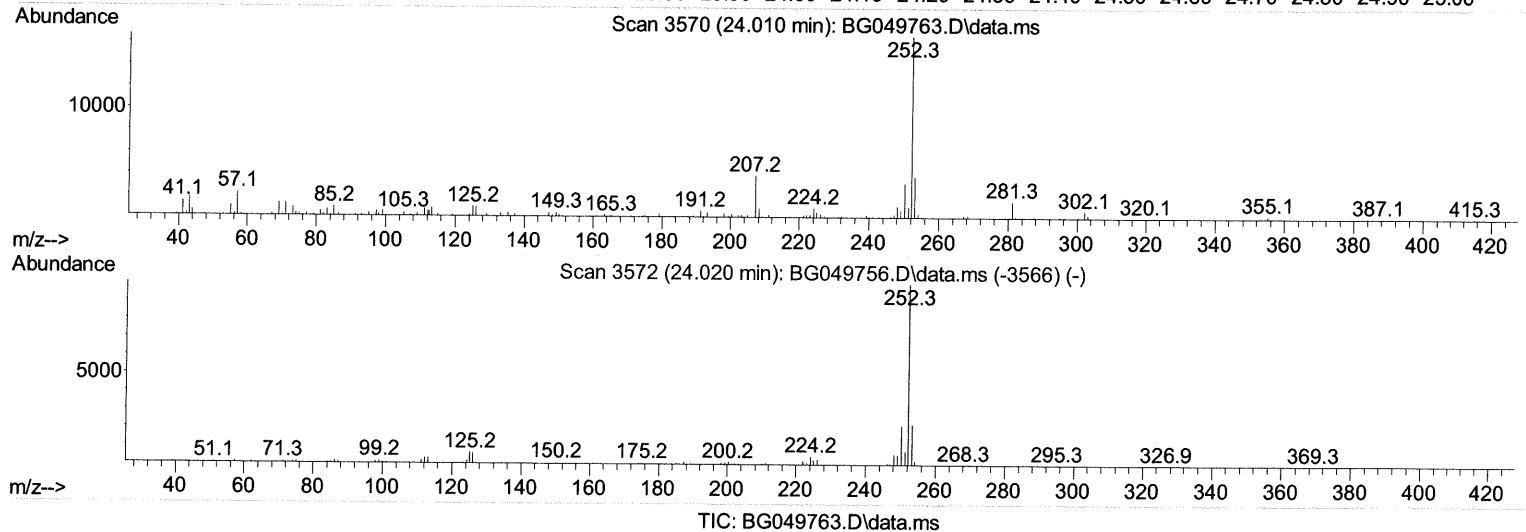
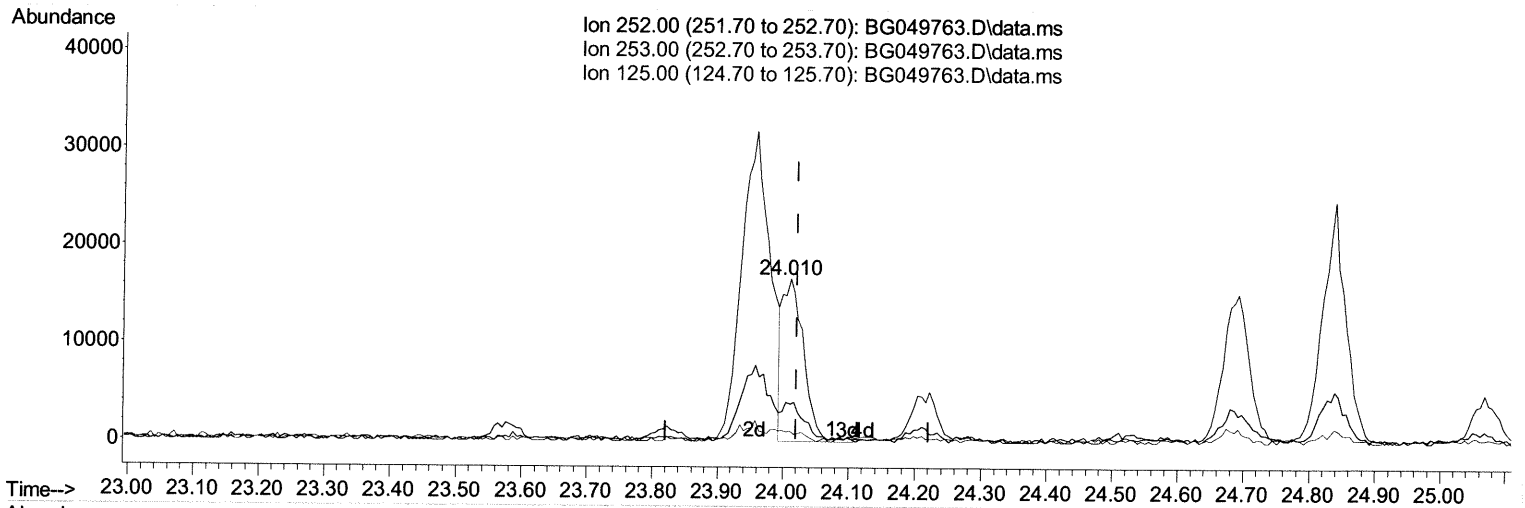
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049763.D
 Acq On : 10 Aug 2021 19:10
 Operator : CG/JU
 Sample : M3182-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C00D7

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:32:44 PM

Quant Time: Aug 11 03:05:19 2021
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 Response via : Initial Calibration



(91) Benzo(k) fluoranthene

24.010min (-0.010) 3.84 ng/ul m 08/12/21 JU

response 37614

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	23.09
125.00	4.80	6.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

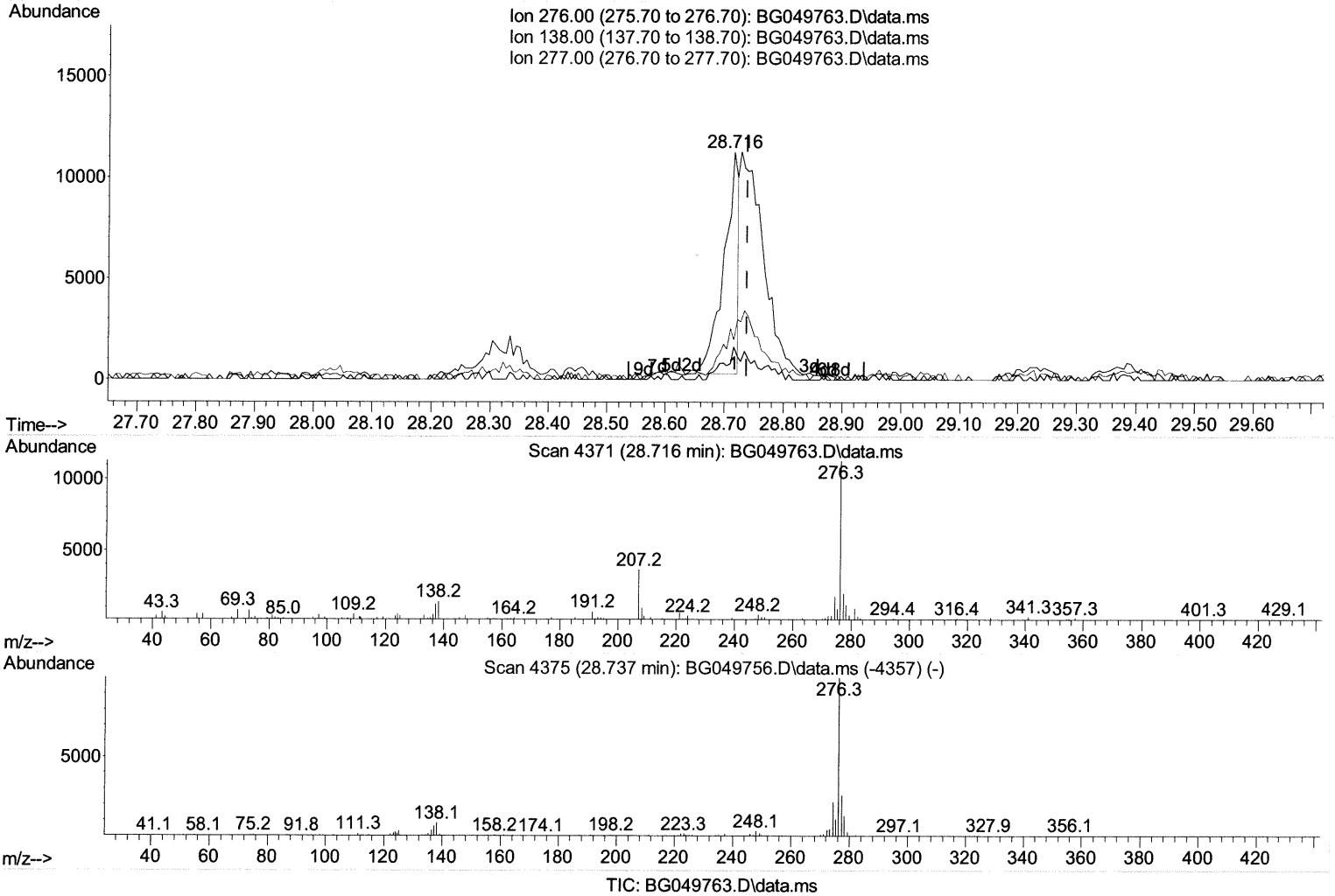
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
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 Operator : CG/JU
 Sample : M3182-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00D7

Manual Integrations
 APPROVED

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

28.716min (-0.022) 1.65 ng/ul

response 18835

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	14.19#
277.00	24.30	17.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

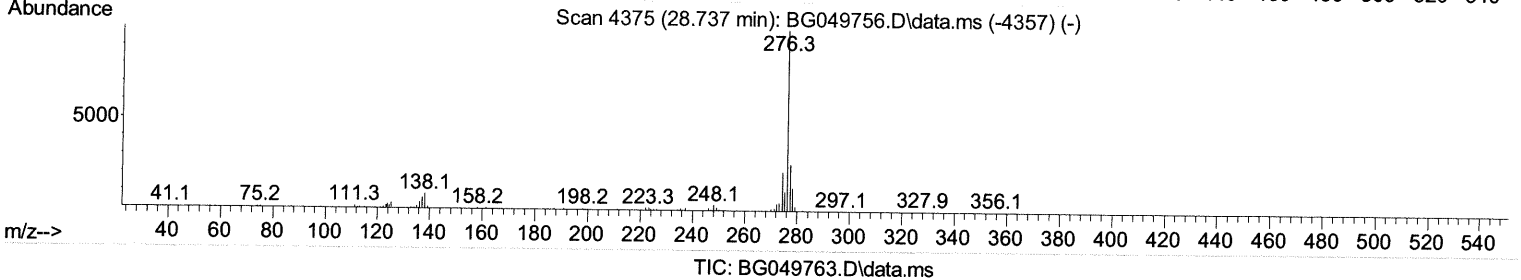
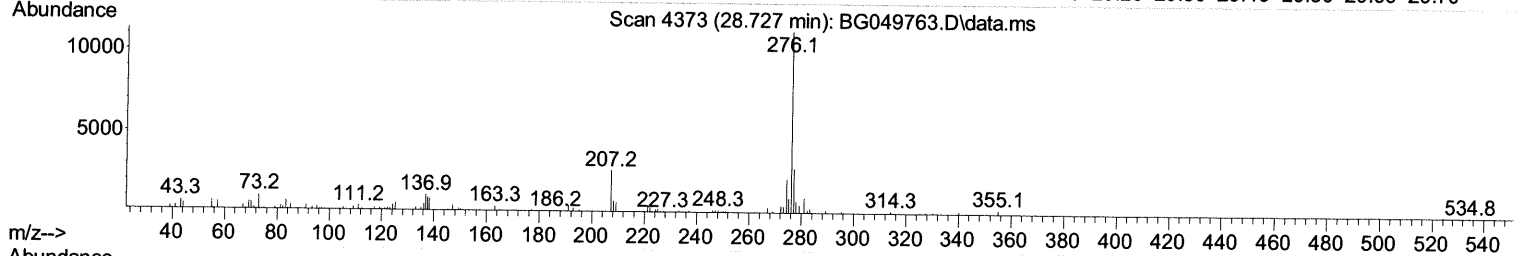
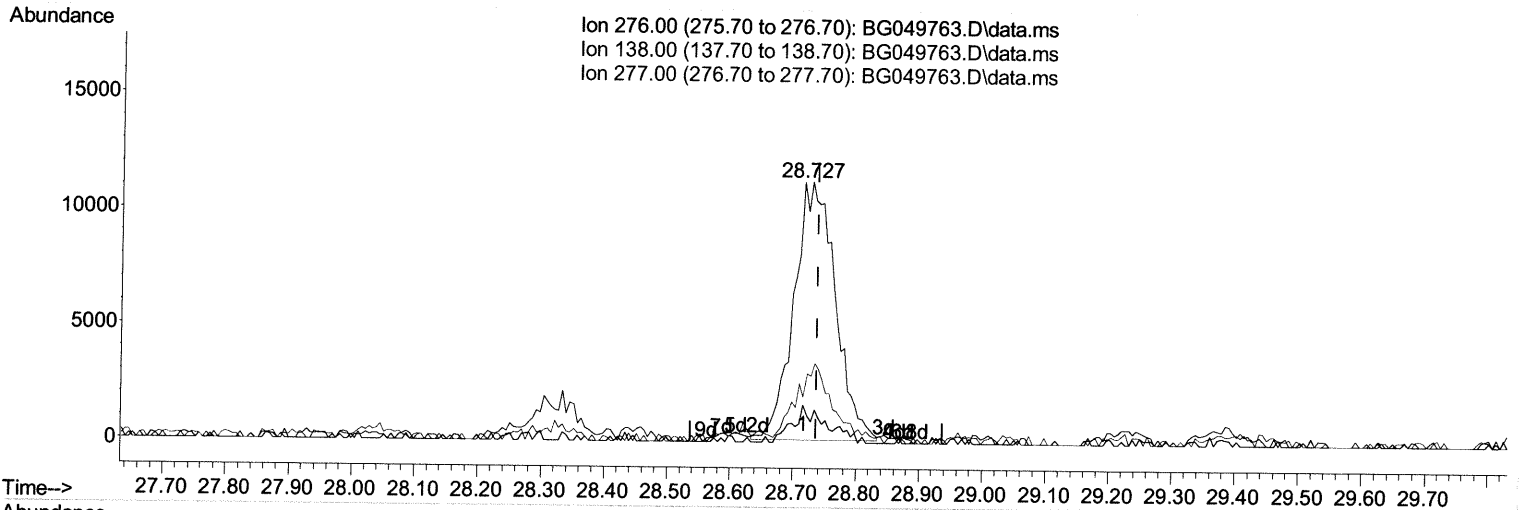
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049763.D
 Acq On : 10 Aug 2021 19:10
 Operator : CG/JU
 Sample : M3182-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00D7

Manual Integrations
 APPROVED

mohammad
 8/11/2021 9:32:44 PM

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 Response via : Initial Calibration



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

28.727min (-0.010) 4.45 ng/ul m 08/11/2021

response 50733

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	7.82
277.00	24.30	25.35
0.00	0.00	0.00

Quantitation Report (Qedit)

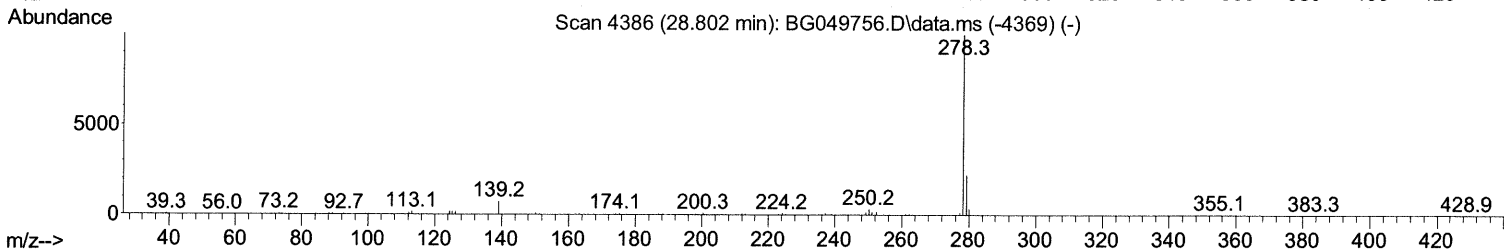
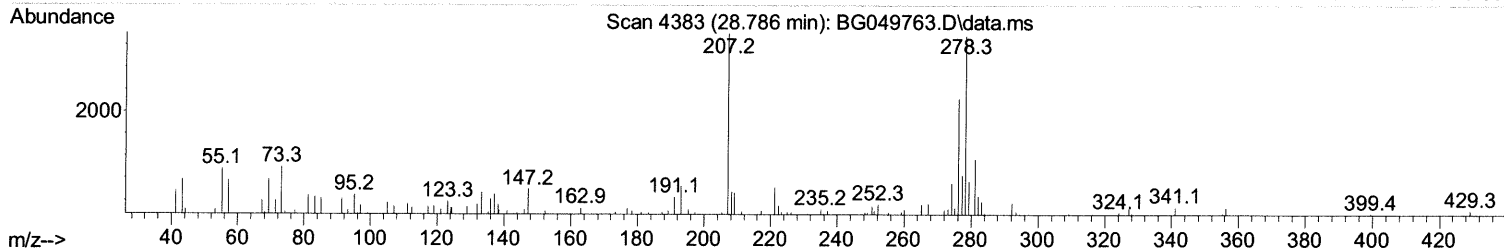
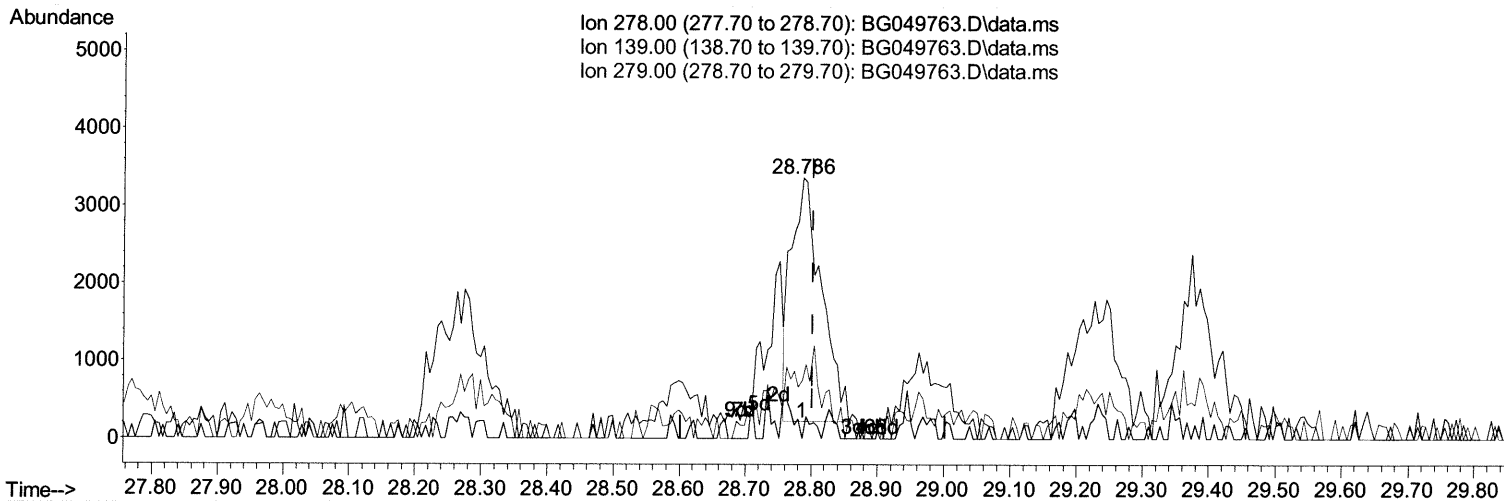
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
 Data File : BG049763.D
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 Sample : M3182-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00D7

Manual Integrations
 APPROVED

mohammad
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TIC: BG049763.D\data.ms

(95) Dibenzo(a,h)anthracene

28.786min (-0.016) 1.06 ng/ul

response 10091

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	0.00#
279.00	23.60	22.38
0.00	0.00	0.00

Quantitation Report (Qedit)

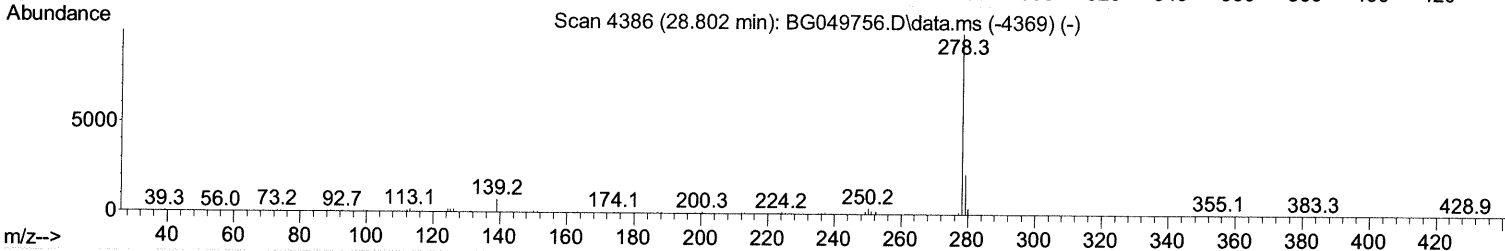
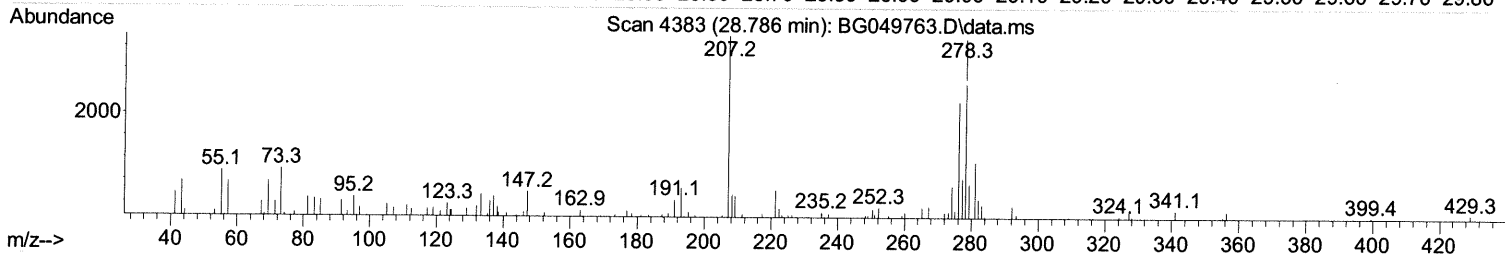
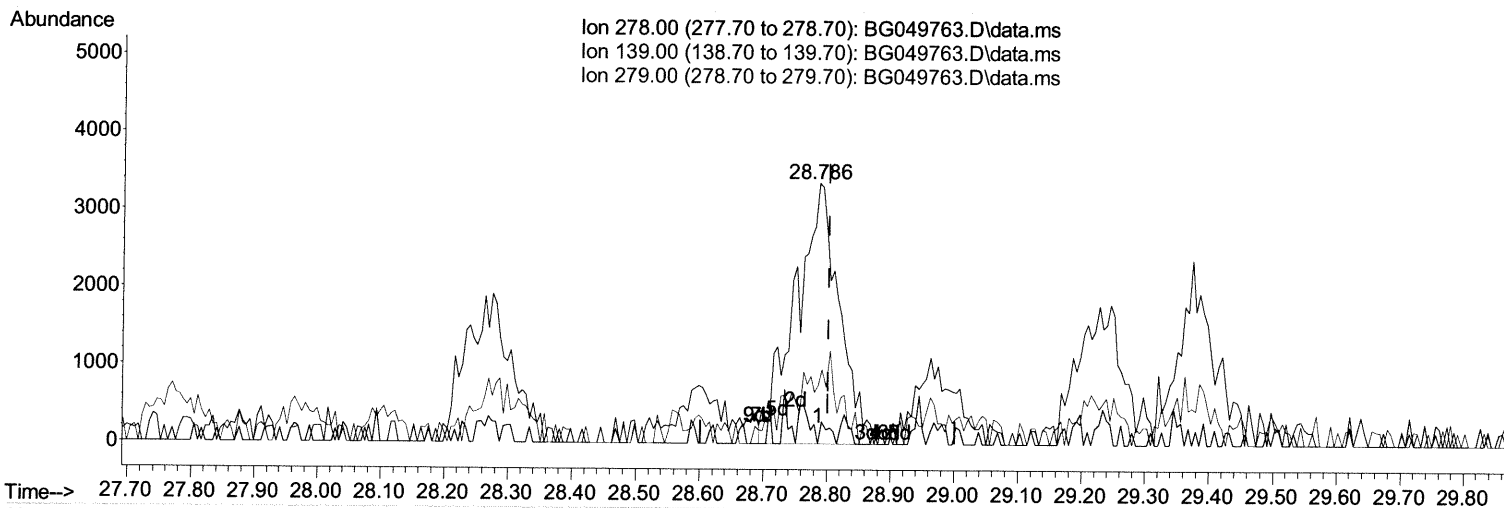
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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BG049763.D\data.ms

(95) Dibenzo(a,h)anthracene

28.786min (-0.016) 1.68 ng/ul m 08/12/21 JU

response 16019

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	0.00#
279.00	23.60	22.38
0.00	0.00	0.00

Quantitation Report (Qedit)

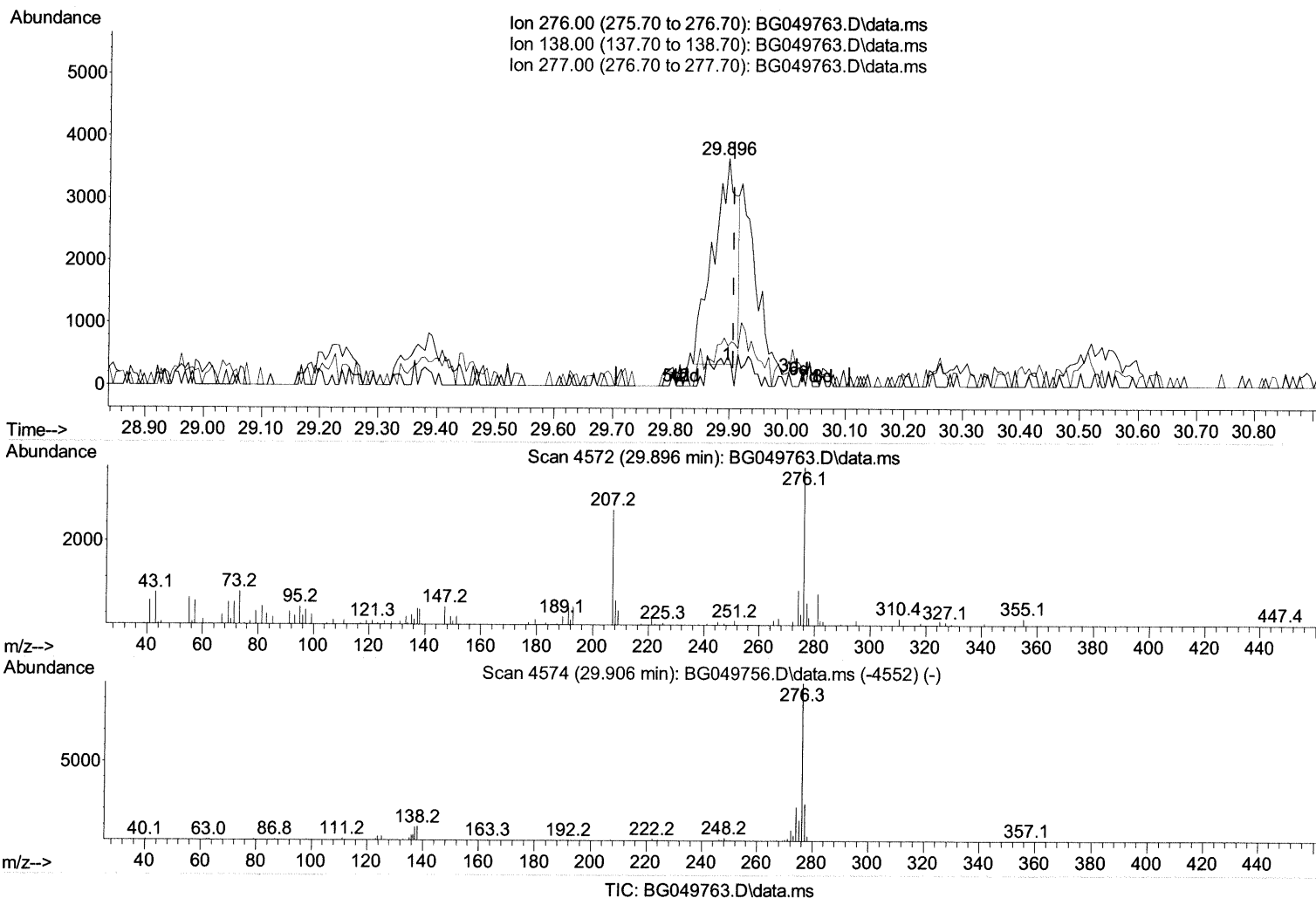
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(96) Benzo(g,h,i)perylene

29.896min (-0.010) 1.00 ng/ul

response 9461

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	13.28#
277.00	24.40	17.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

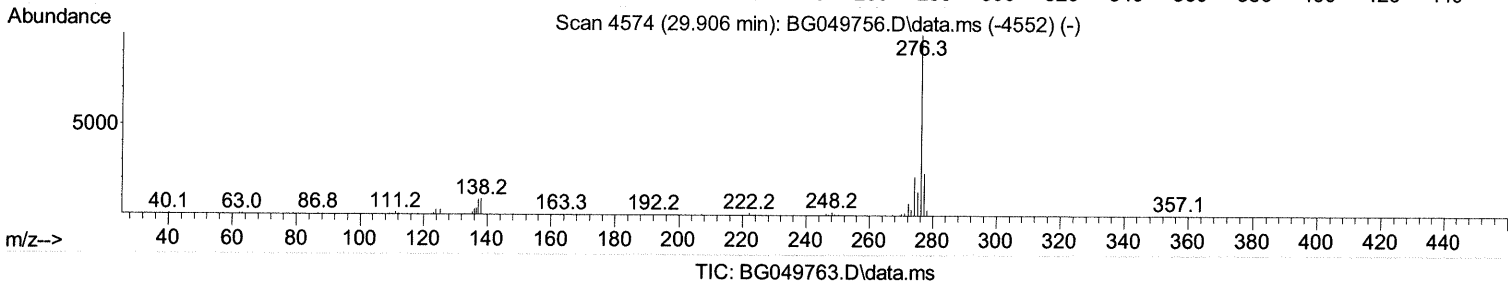
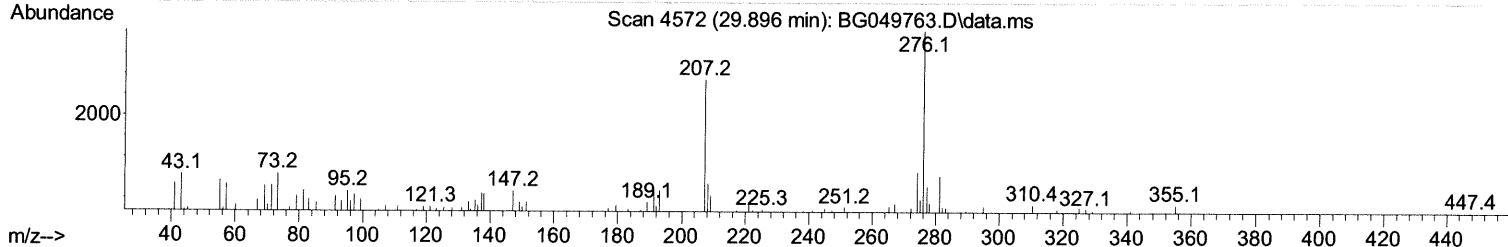
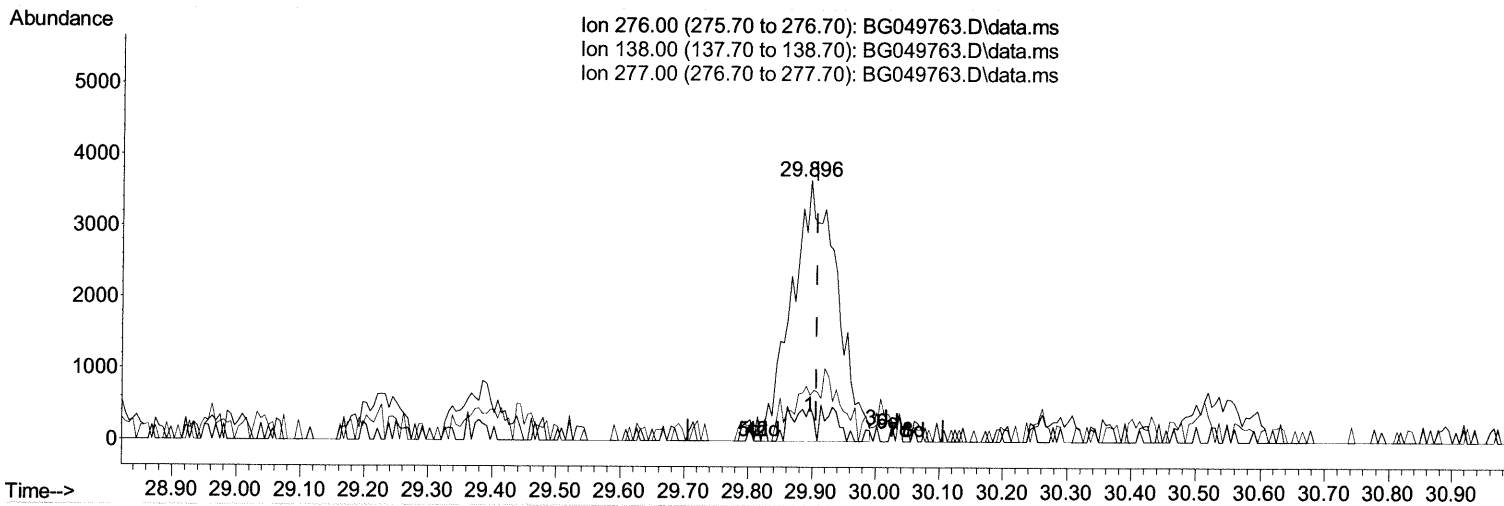
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(96) Benzo(g,h,i)perylene

29.896min (-0.010) 1.89 ng/ul m 08/11/2021

response 17912

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	13.28#
277.00	24.40	17.69#
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	8.032	152	27035	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	117654	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.688	164	83406	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.437	188	170524	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.719	240	144971	20.000	ng/ul	0.00
88) Perylene-d12	24.997	264	151041	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.415	96	1645m	2.845	ng/ul	0.00
4) Pyridine-d5	3.849	84	12624m	7.275	ng/ul	0.00
7) Phenol-d5	7.198	99	33270	13.560	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.356	67	19364	13.740	ng/ul	0.00
11) 2-Chlorophenol-d4	7.568	132	25388	14.457	ng/ul	0.00
15) 4-Methylphenol-d8	8.749	113	25790	13.786	ng/ul	0.00
21) Nitrobenzene-d5	9.201	128	13380	14.437	ng/ul	0.00
24) 2-Nitrophenol-d4	9.935	143	15967	15.086	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.476	165	29425	14.744	ng/ul	0.00
31) 4-Chloroaniline-d4	10.993	131	25374	9.287	ng/ul	0.00
46) Dimethylphthalate-d6	14.082	166	100072	15.289	ng/ul	0.00
49) Acenaphthylene-d8	14.382	160	117289	15.062	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	11136	10.523	ng/ul	0.00
60) Fluorene-d10	15.680	176	87001	15.463	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	14346	12.500	ng/ul	0.00
73) Anthracene-d10	17.537	188	119513	14.847	ng/ul	0.00
81) Pyrene-d10	19.822	212	133876	16.760	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.768	264	123373	14.907	ng/ul	0.00
Target Compounds						
72) Phenanthrene	17.484	178	81318	9.010	ng/ul	97
80) Fluoranthene	19.493	202	172171	17.466	ng/ul#	96
82) Pyrene	19.857	202	126306	12.846	ng/ul	98
85) Benzo(a)anthracene	21.696	228	58080	6.102	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.596	149	5745	1.047	ng/ul#	89
87) Chrysene	21.766	228	69654	7.836	ng/ul	97
90) Benzo(b)fluoranthene	23.957	252	96559	9.781	ng/ul#	94
91) Benzo(k)fluoranthene	24.010	252	37614m	3.837	ng/ul	99
93) Benzo(a)pyrene	24.839	252	59226	6.815	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.727	276	50733m	4.448	ng/ul	99
95) Dibenzo(a,h)anthracene	28.786	278	16019m	1.684	ng/ul	99
96) Benzo(g,h,i)perylene	29.896	276	17912m	1.889	ng/ul	99

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