

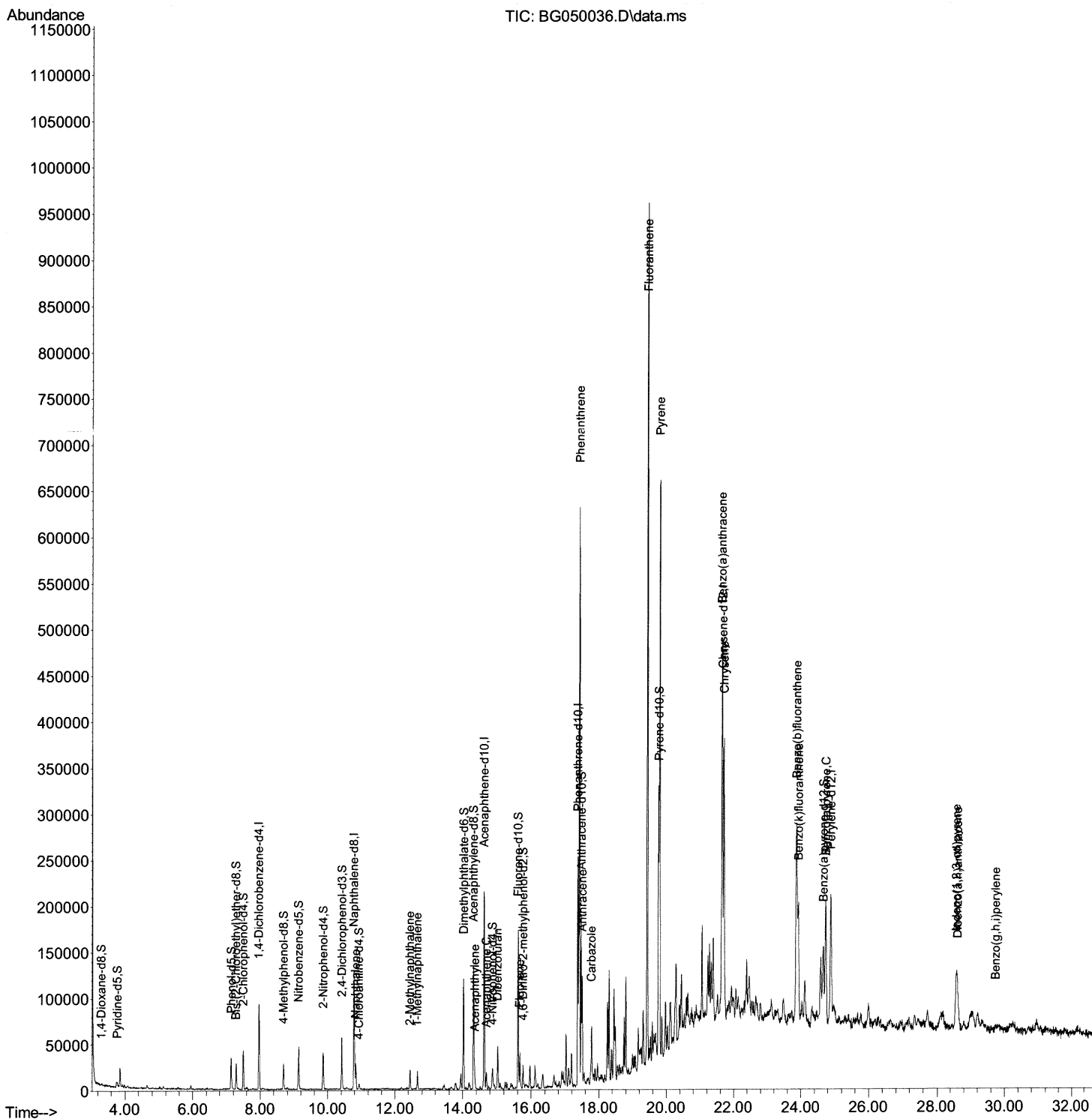
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050036.D
Acq On : 30 Aug 2021 17:46
Operator : CG/JU
Sample : M3458-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AR7

Manual Integrations
APPROVED

mohammad
8/31/2021 11:35:21 AM

Quant Time: Aug 31 01:00:43 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)

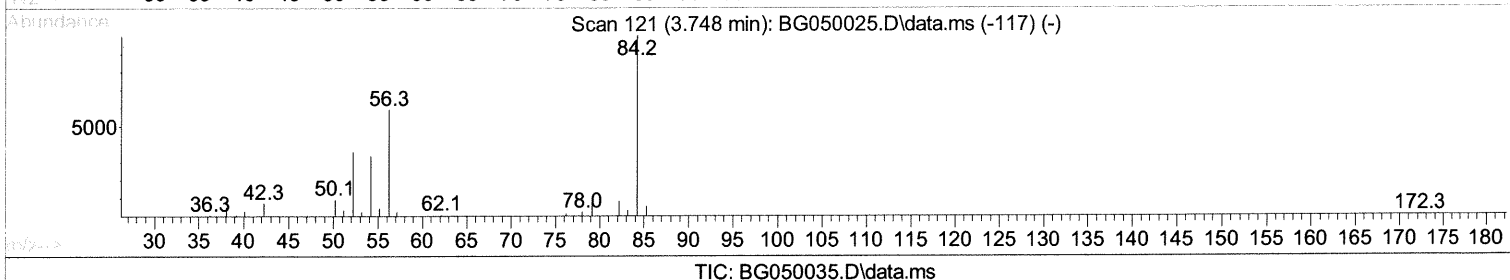
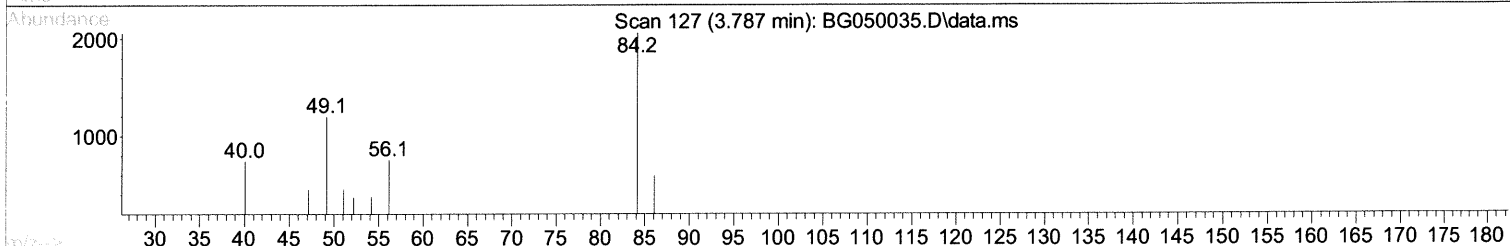
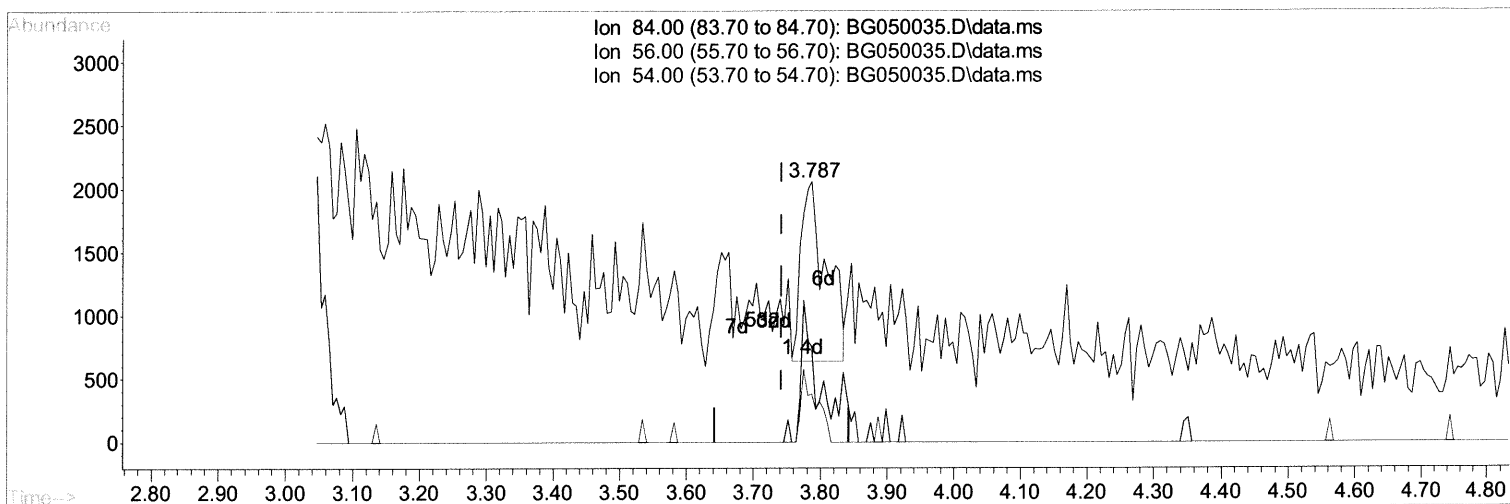
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050035.D
Acq On : 30 Aug 2021 17:04
Operator : CG/JU
Sample : M3458-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AR7

Manual Integrations
APPROVED

mohammad
8/31/2021 11:35:21 AM

Quant Time: Aug 30 17:43:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
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QLast Update : Mon Aug 30 14:59:55 2021
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(4) Pyridine-d5 (S)

3.787min (+ 0.044) 2.36 ng/ul m 09/01/21JU

response 3724

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	36.69#
54.00	37.00	18.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

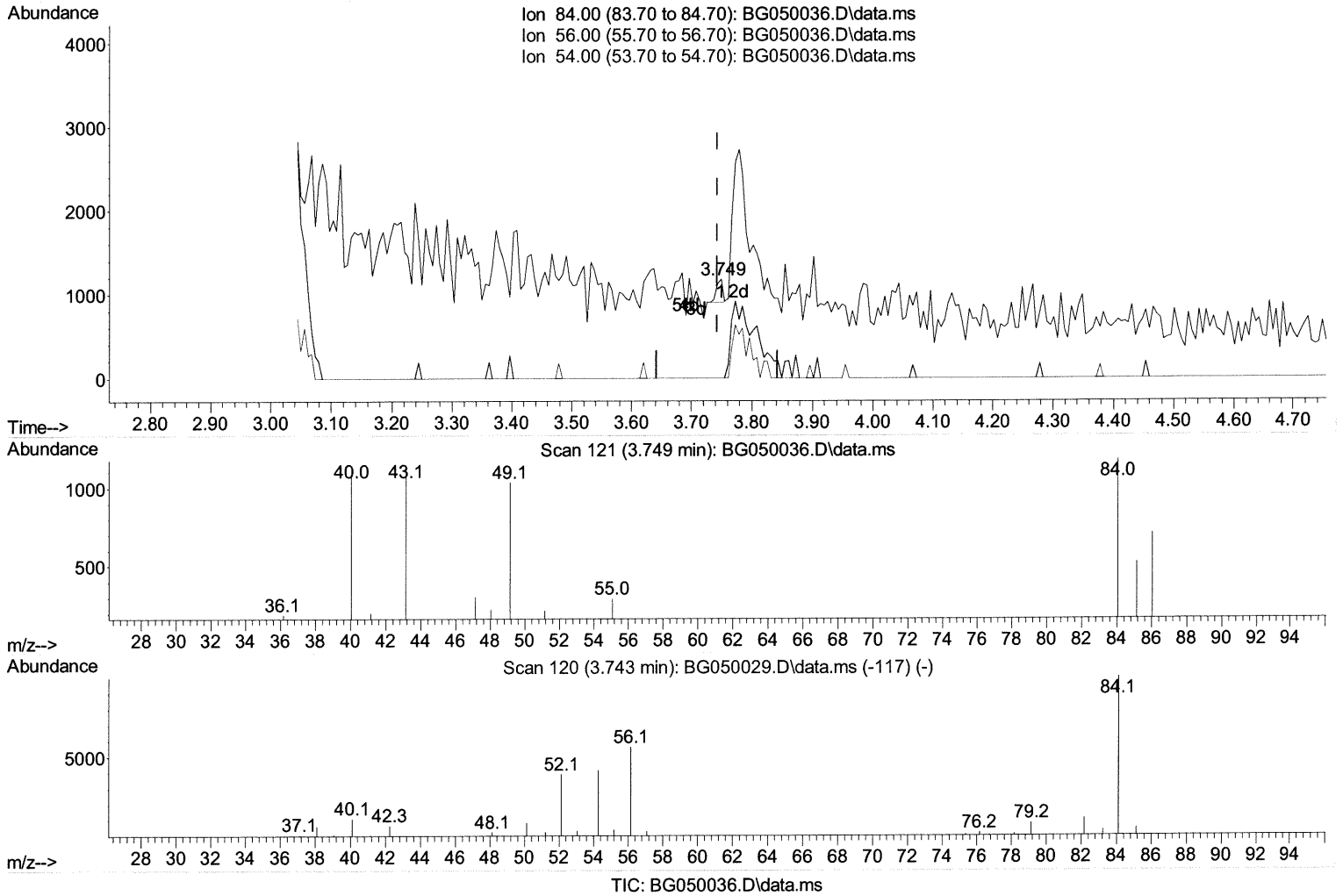
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050036.D
 Acq On : 30 Aug 2021 17:46
 Operator : CG/JU
 Sample : M3458-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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(4) Pyridine-d5 (S)

3.749min (+ 0.007) 0.13 ng/ul

response 187

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

Quantitation Report (Qedit)

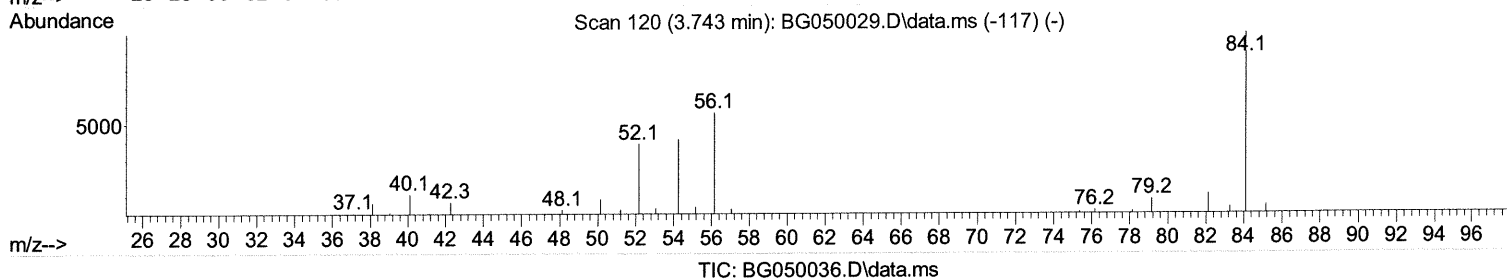
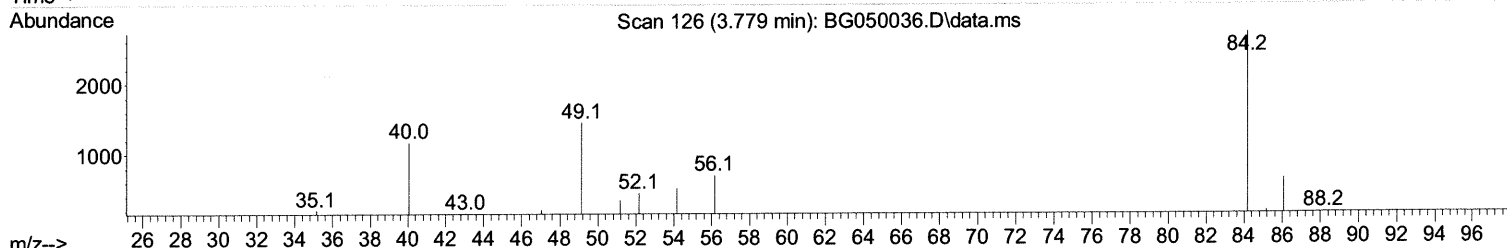
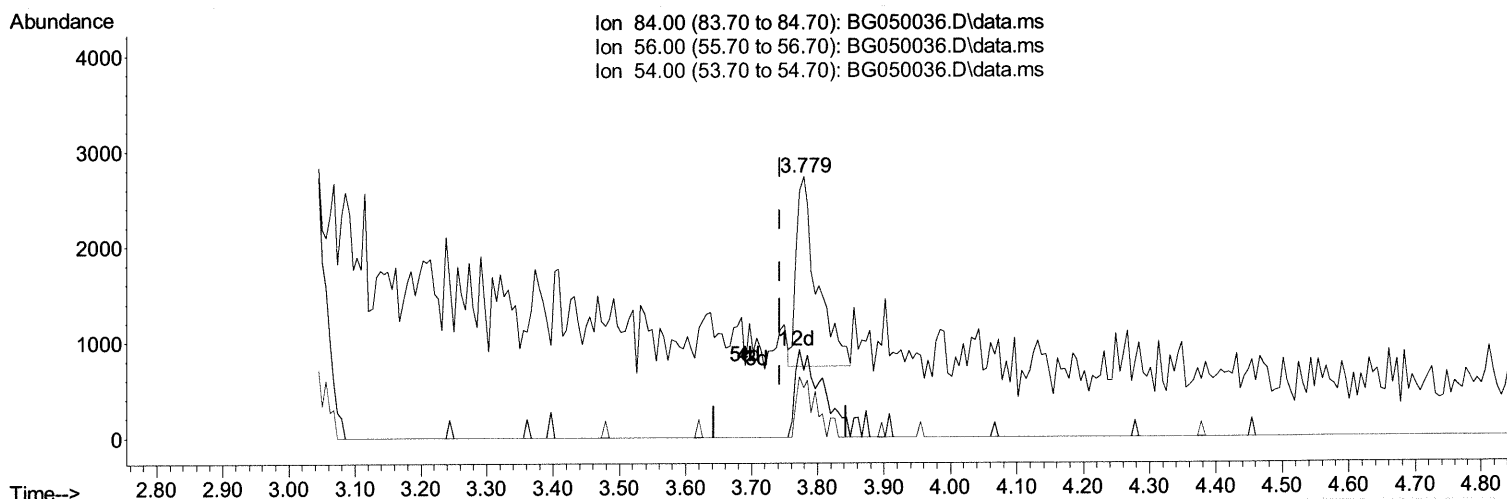
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050036.D
Acq On : 30 Aug 2021 17:46
Operator : CG/JU
Sample : M3458-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

3.779min (+ 0.036) 2.99 ng/ul m 09/01/21 JU

response 4305

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	25.54#
54.00	37.00	19.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

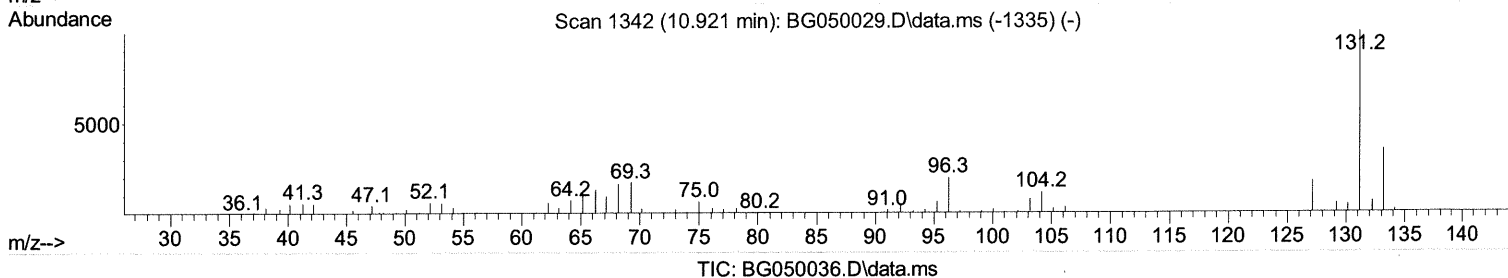
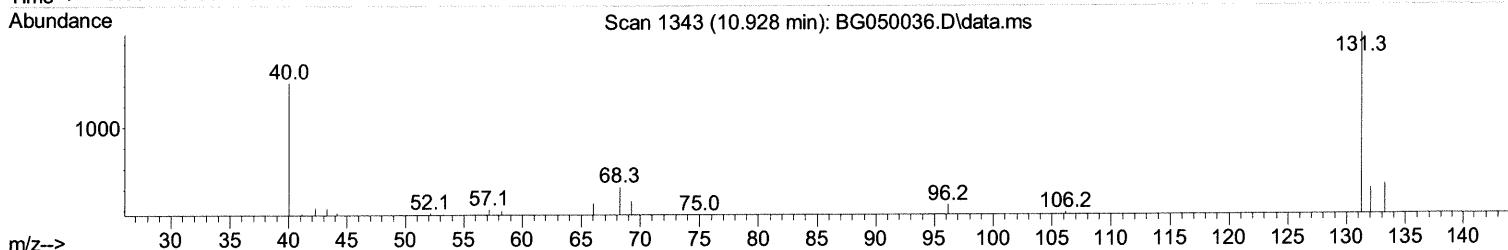
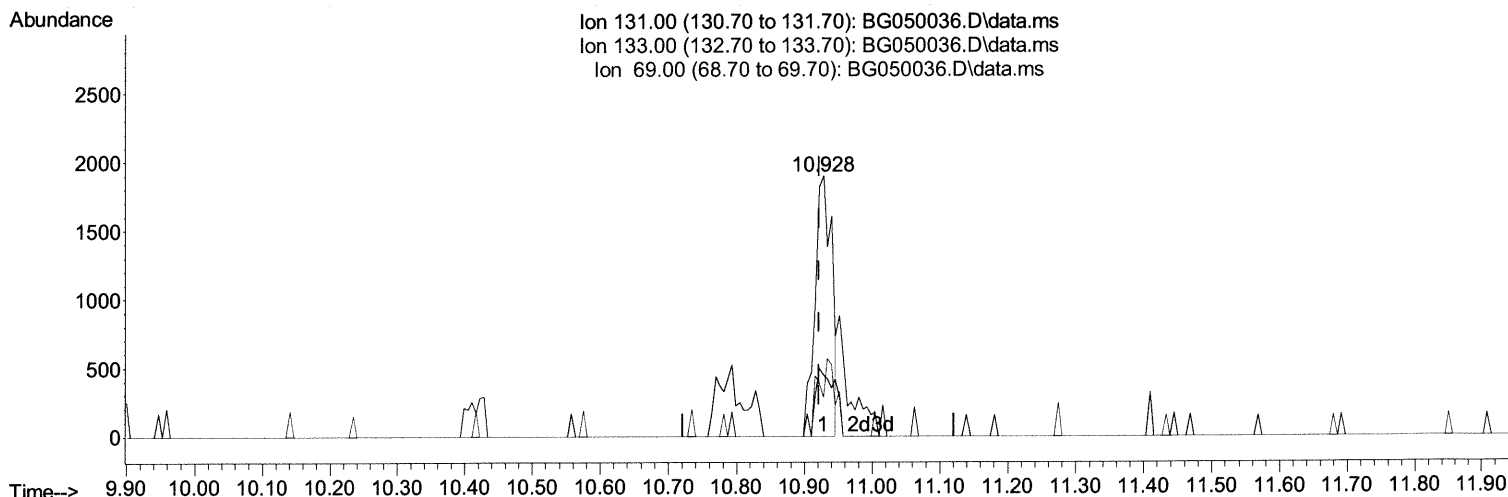
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050036.D
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 Sample : M3458-06
 Misc :
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(31) 4-Chloroaniline-d4 (S)

10.928min (+ 0.007) 1.33 ng/ul

response 3245

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	36.60	23.46#
69.00	21.10	15.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

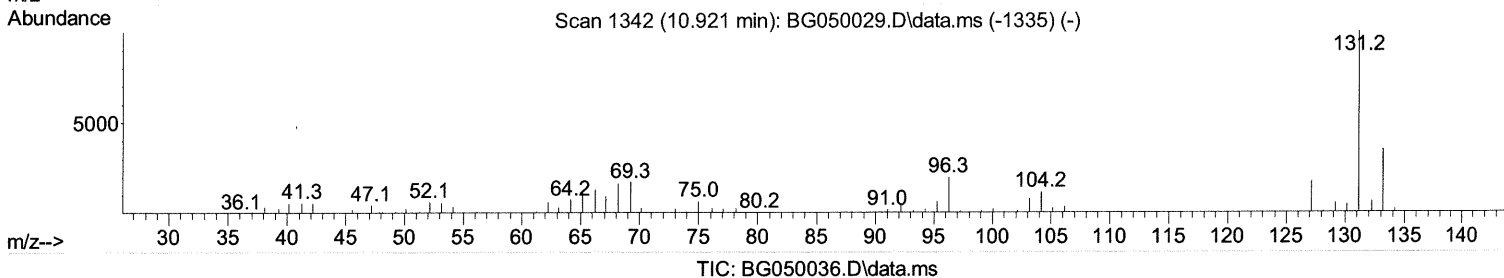
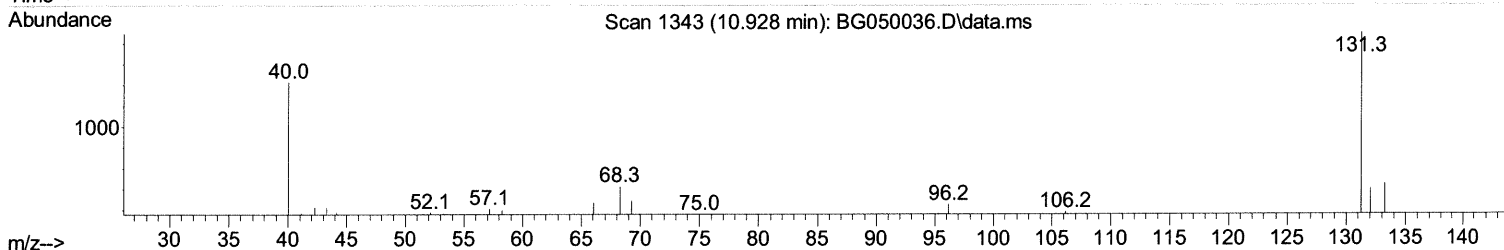
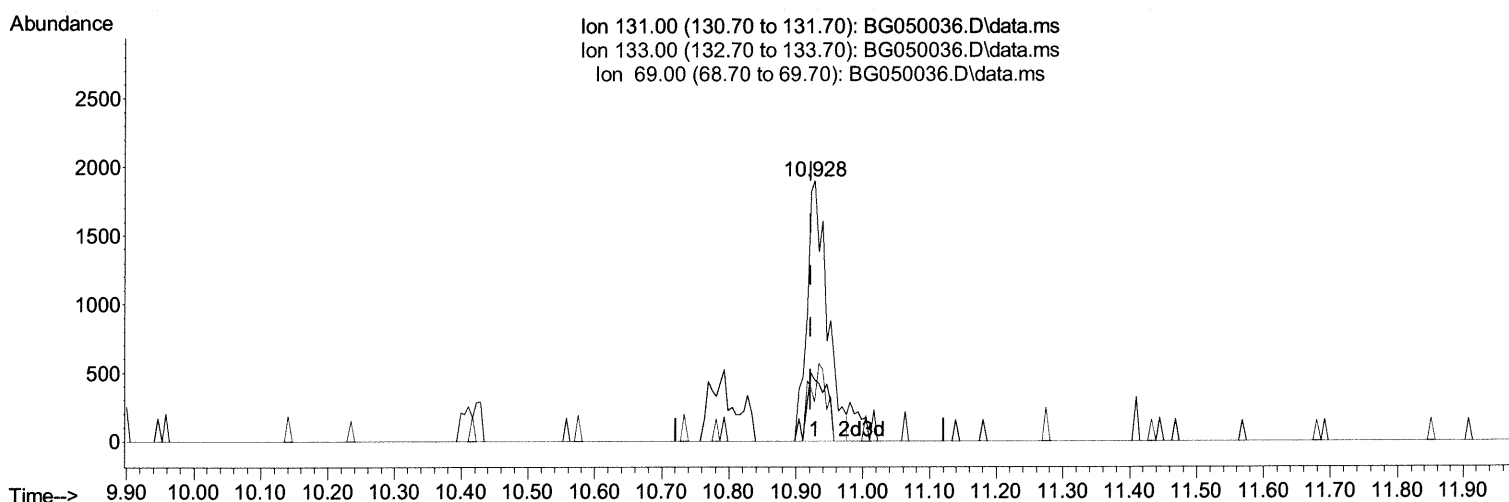
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050036.D
Acq On : 30 Aug 2021 17:46
Operator : CG/JU
Sample : M3458-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AR7

Manual Integrations
APPROVED

mohammad
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Response via : Initial Calibration



(31) 4-Chloroaniline-d4 (S)

10.928min (+ 0.007) 1.64 ng/ul m 09/01/20

response 3990

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	36.60	23.46#
69.00	21.10	15.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

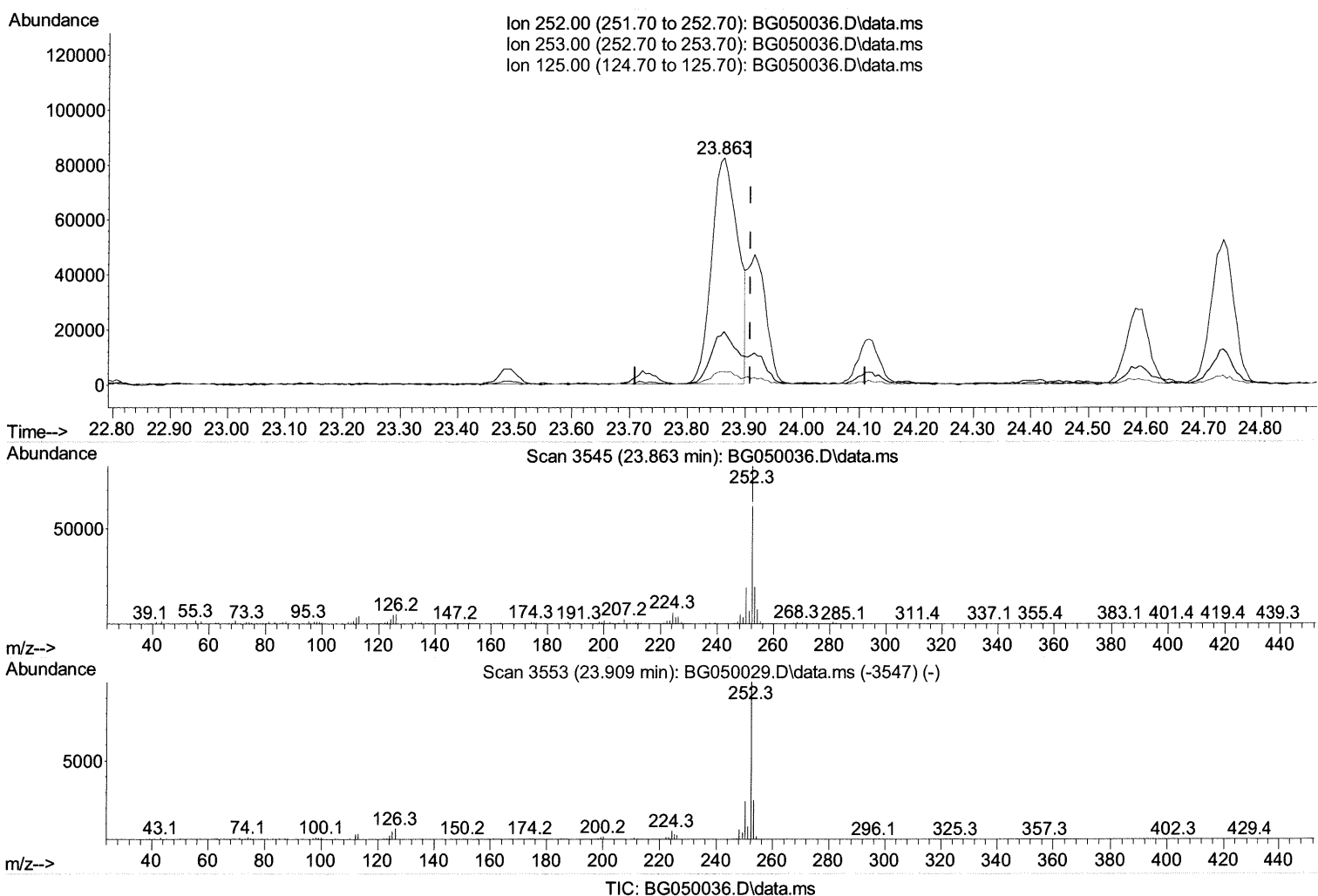
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050036.D
 Acq On : 30 Aug 2021 17:46
 Operator : CG/JU
 Sample : M3458-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AR7

Manual Integrations
 APPROVED

mohammad
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 Response via : Initial Calibration



(91) Benzo(k)fluoranthene

23.863min (-0.046) 30.98 ng/ul

response 262052

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	23.59
125.00	5.10	5.89
0.00	0.00	0.00

Quantitation Report (Qedit)

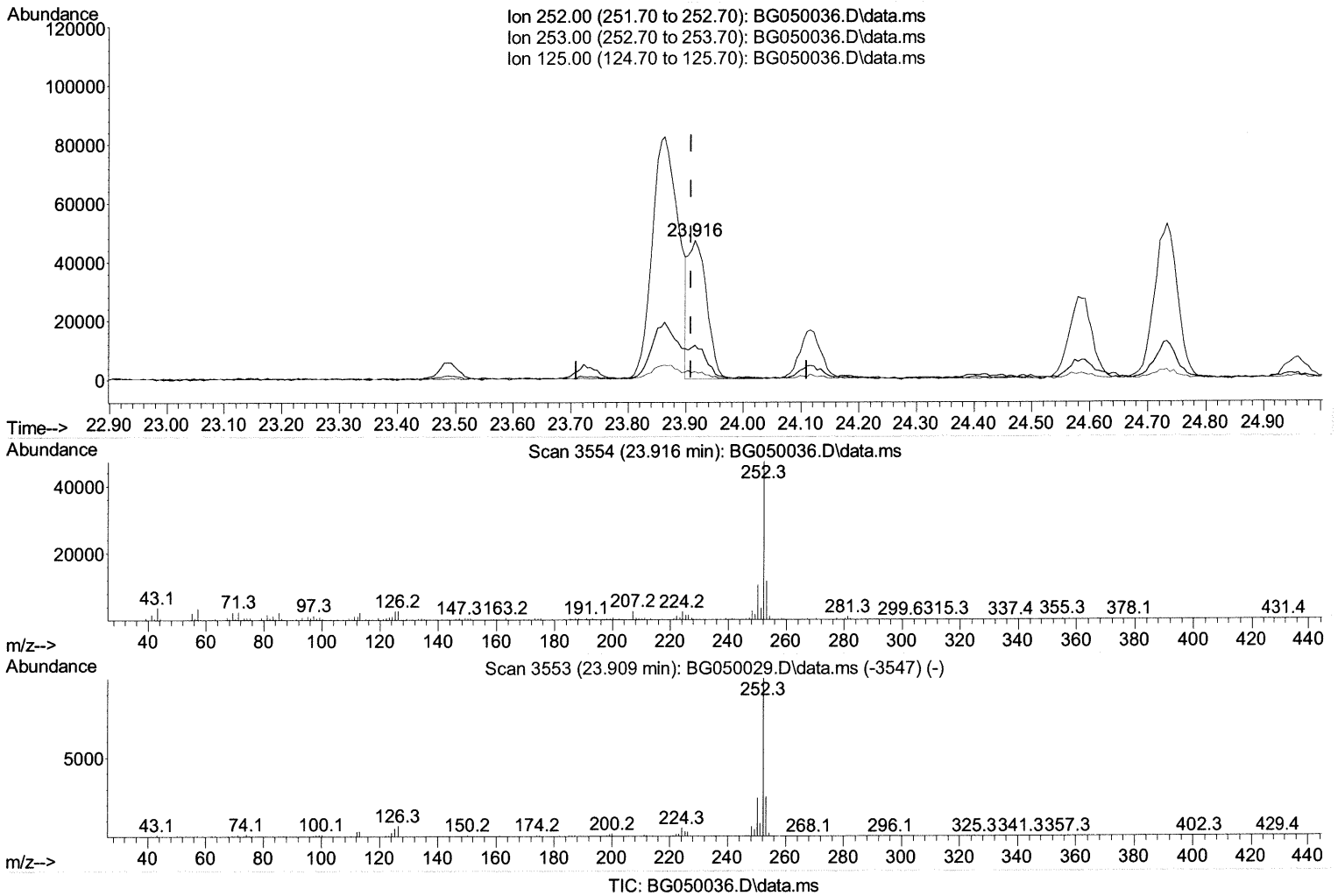
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050036.D
 Acq On : 30 Aug 2021 17:46
 Operator : CG/JU
 Sample : M3458-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(91) Benzo(k)fluoranthene

23.916min (+ 0.007) 12.41 ng/ul m 09/01/21 JU

response 104975

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.69
125.00	5.10	5.62
0.00	0.00	0.00

Quantitation Report (Qedit)

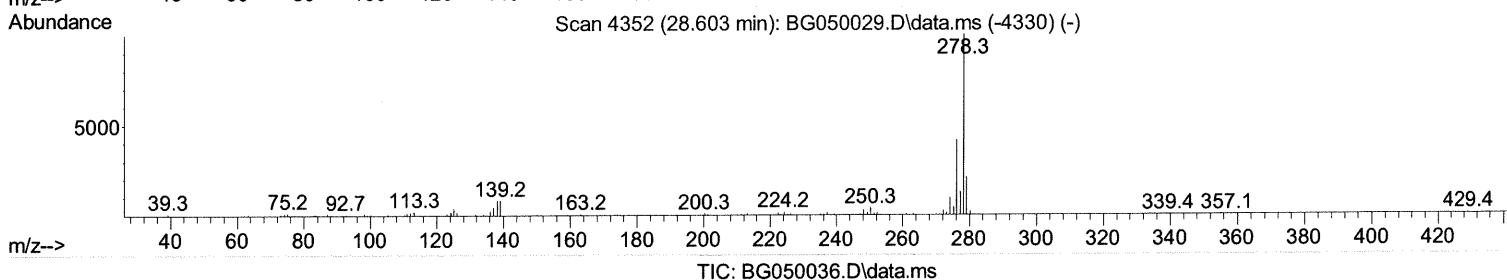
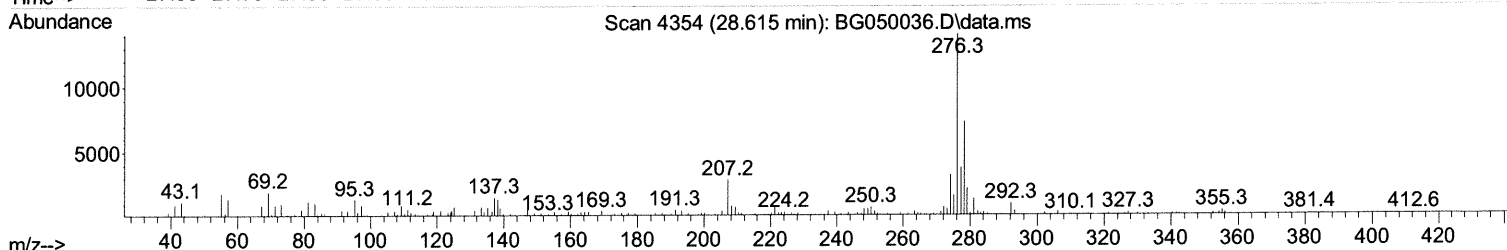
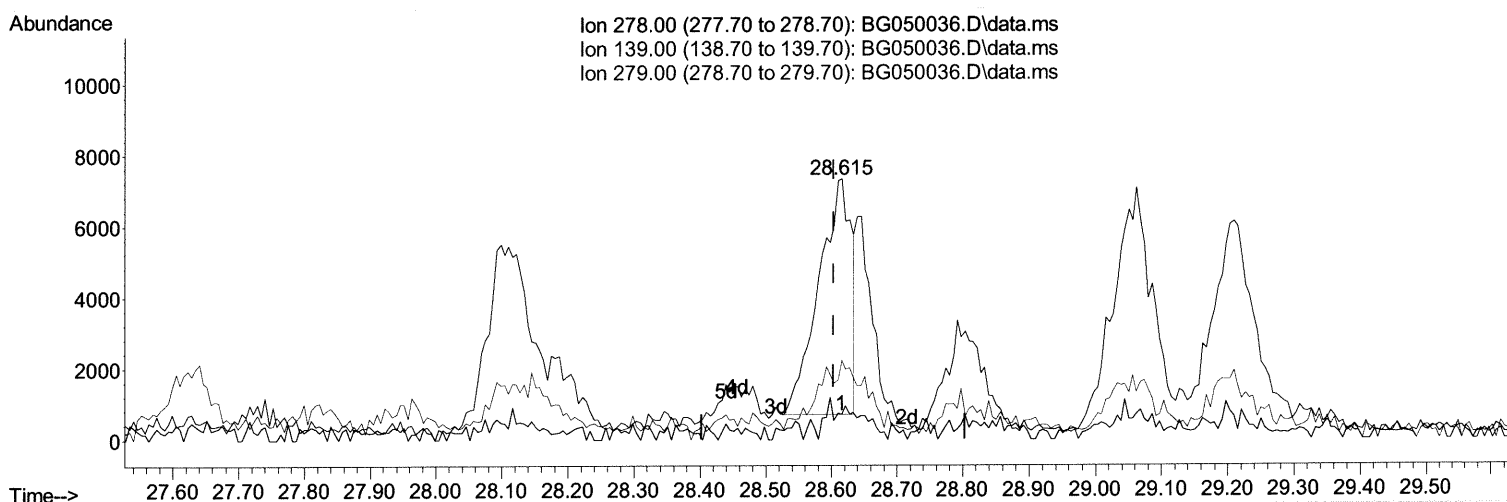
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050036.D
Acq On : 30 Aug 2021 17:46
Operator : CG/JU
Sample : M3458-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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TIC: BG050036.D\data.ms

(95) Dibenzo(a,h)anthracene

28.615min (+ 0.012) 2.65 ng/ul

response 22597

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	9.59#
279.00	23.70	30.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

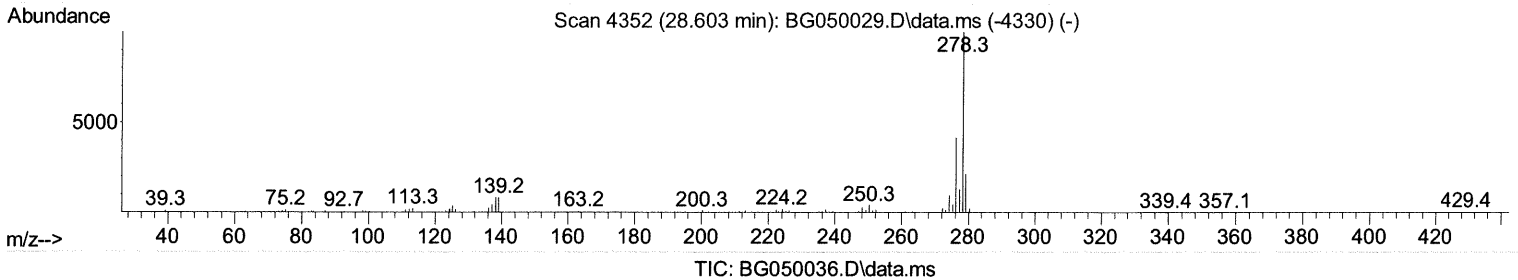
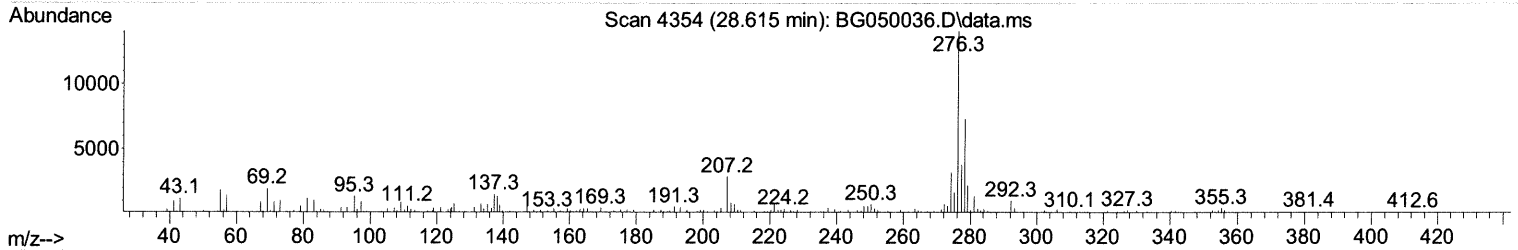
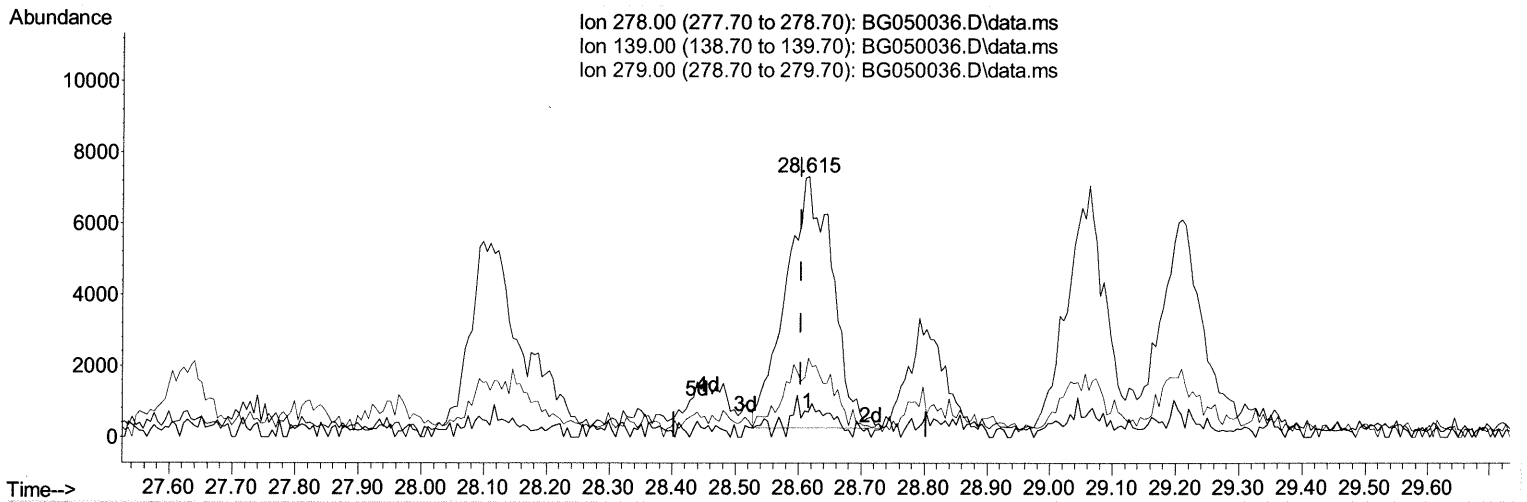
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050036.D
 Acq On : 30 Aug 2021 17:46
 Operator : CG/JU
 Sample : M3458-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AR7

Manual Integrations
 APPROVED

mohammad
 8/31/2021 11:35:21 AM

Quant Time: Aug 31 01:00:43 2021
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration



(95) Dibenzo(a,h)anthracene

28.615min (+ 0.012) 4.28 ng/ul m 09/01/21 JU

response 36484

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	9.59#
279.00	23.70	30.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

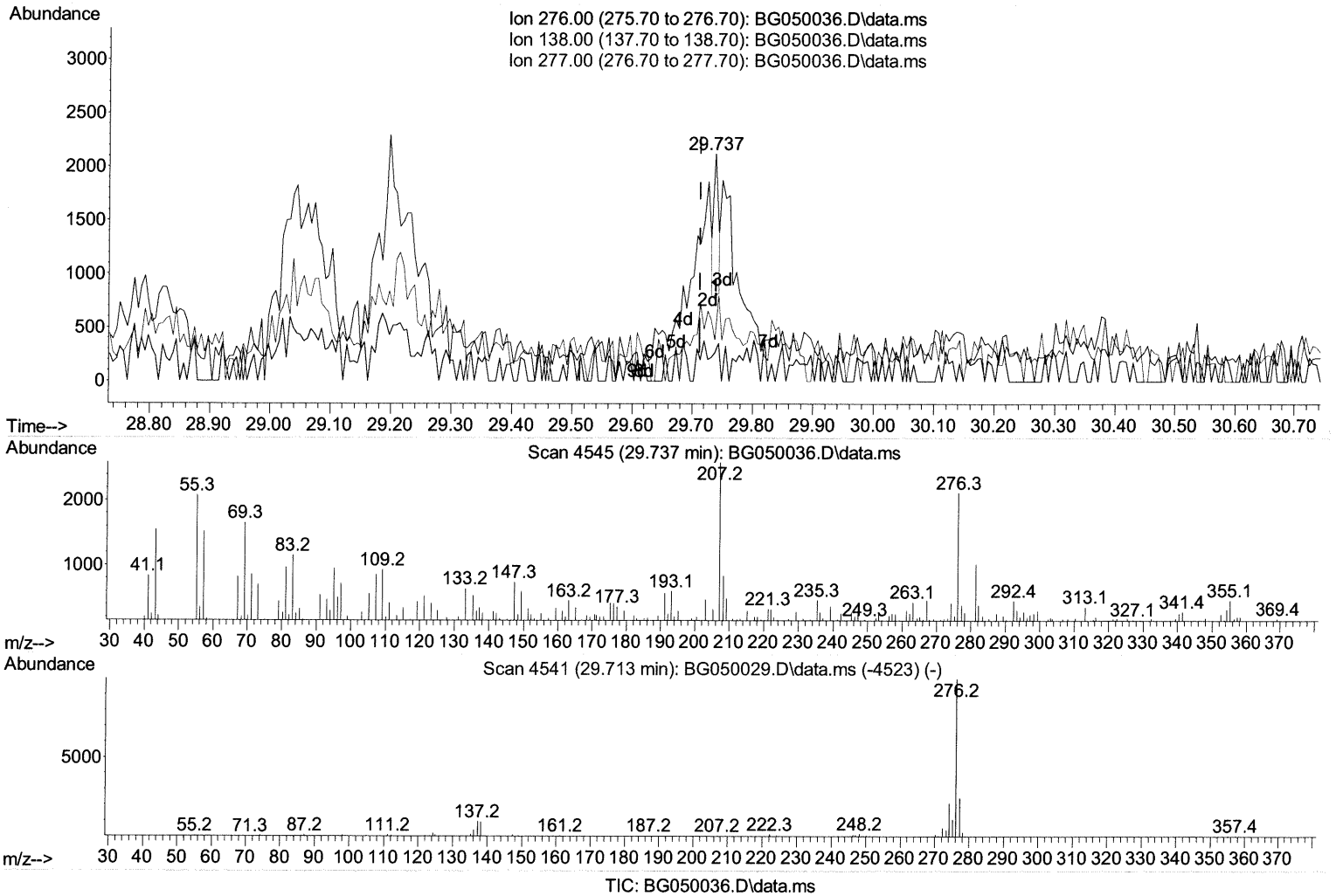
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Data File : BG050036.D
Acq On : 30 Aug 2021 17:46
Operator : CG/JU
Sample : M3458-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AR7

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

29.737min (+ 0.024) 0.08 ng/ul

response 673

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	12.38
277.00	21.70	18.22
0.00	0.00	0.00

Quantitation Report (Qedit)

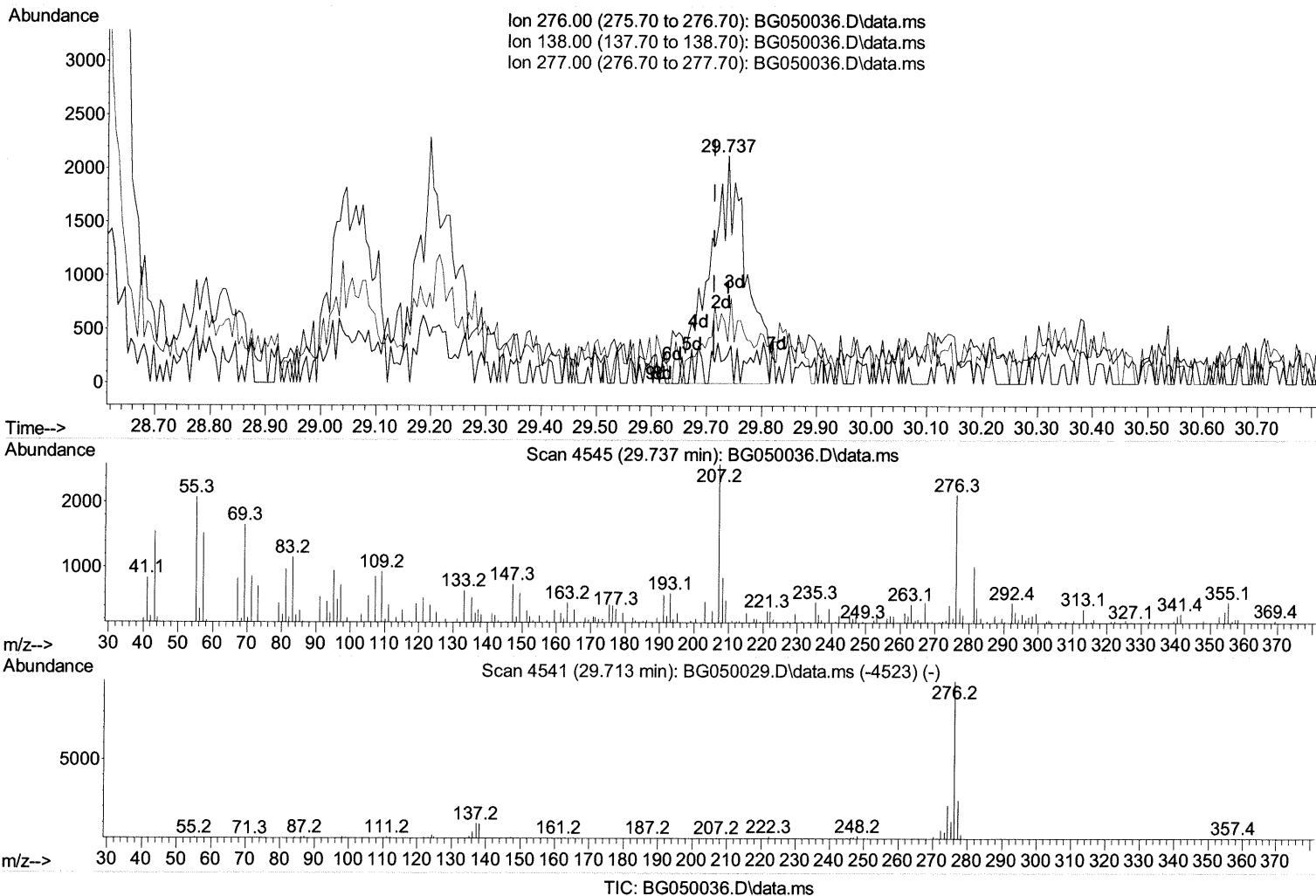
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050036.D
Acq On : 30 Aug 2021 17:46
Operator : CG/JU
Sample : M3458-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

29.737min (+ 0.024) 1.24 ng/ul m 09/01/21ju

response 10602

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.80	12.38
277.00	21.70	18.22
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	7.961	152	24662	20.000 ng/ul	0.00
20) Naphthalene-d8	10.781	136	108857	20.000 ng/ul	0.00
38) Acenaphthene-d10	14.623	164	74885	20.000 ng/ul	0.00
64) Phenanthrene-d10	17.378	188	147479	20.000 ng/ul	0.00
79) Chrysene-d12	21.654	240	128896	20.000 ng/ul	0.00
88) Perylene-d12	24.879	264	139103	20.000 ng/ul	0.01
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.314	96	724	1.514 ng/ul	0.00
4) Pyridine-d5	3.779	84	4305m	2.988 ng/ul	0.04 09/01/21 JU
7) Phenol-d5	7.139	99	20973	10.015 ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.286	67	14437	12.409 ng/ul	0.00
11) 2-Chlorophenol-d4	7.497	132	17936	11.446 ng/ul	0.00
15) 4-Methylphenol-d8	8.695	113	10817	6.559 ng/ul	0.01
21) Nitrobenzene-d5	9.136	128	10218	12.107 ng/ul	0.00
24) 2-Nitrophenol-d4	9.864	143	12952	12.889 ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.422	165	21361	11.918 ng/ul	0.02
31) 4-Chloroaniline-d4	10.928	131	3990m	1.635 ng/ul	0.00 09/01/21 JU
46) Dimethylphthalate-d6	14.023	166	77183	13.468 ng/ul	0.00
49) Acenaphthylene-d8	14.317	160	96370	14.341 ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	6096	7.352 ng/ul	0.02
60) Fluorene-d10	15.615	176	67868	13.967 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	5886	6.204 ng/ul	0.00
73) Anthracene-d10	17.478	188	99949	15.092 ng/ul	0.00
81) Pyrene-d10	19.775	212	108586	15.589 ng/ul	0.00
92) Benzo(a)pyrene-d12	24.662	264	89672	12.151 ng/ul	0.01
Target Compounds					
				Qvalue	
30) Naphthalene	10.834	128	21745	3.997 ng/ul	95
36) 2-Methylnaphthalene	12.443	142	10372	2.564 ng/ul	94
37) 1-Methylnaphthalene	12.666	142	9644	2.362 ng/ul	87
50) Acenaphthylene	14.352	152	10571	1.721 ng/ul#	91
52) Acenaphthene	14.687	153	7978	1.791 ng/ul	97
56) Dibenzofuran	15.022	168	25065	4.063 ng/ul	93
61) Fluorene	15.674	166	15458	2.970 ng/ul	93
72) Phenanthrene	17.425	178	384002	52.229 ng/ul	98
74) Anthracene	17.513	178	76803	10.308 ng/ul#	91
77) Carbazole	17.783	167	37593	5.670 ng/ul	96
80) Fluoranthene	19.440	202	587809	68.387 ng/ul	99
82) Pyrene	19.804	202	405772	47.641 ng/ul	99
85) Benzo(a)anthracene	21.637	228	227862	28.371 ng/ul	100
87) Chrysene	21.701	228	222206	29.268 ng/ul	96
90) Benzo(b)fluoranthene	23.863	252	262052	29.451 ng/ul#	97
91) Benzo(k)fluoranthene	23.916	252	104975m	12.412 ng/ul	09/01/21 JU
93) Benzo(a)pyrene	24.733	252	144510	18.701 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.574	276	111116	10.901 ng/ul#	95
95) Dibenz(a,h)anthracene	28.615	278	36484m	4.276 ng/ul	09/01/21 JU
96) Benzo(g,h,i)perylene	29.737	276	10602m	1.237 ng/ul	09/01/21 JU

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