

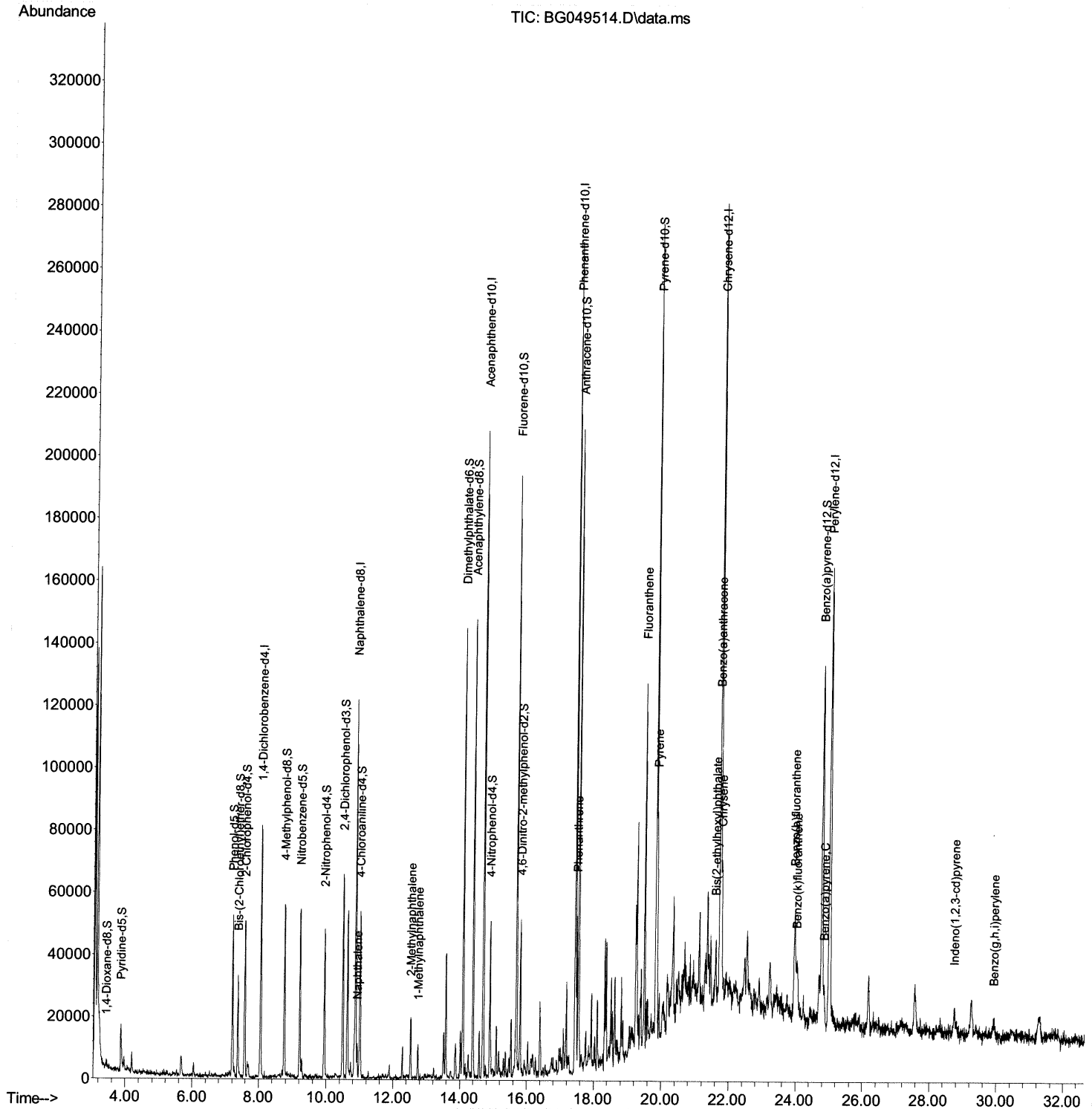
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0046

Manual Integrations
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mohammad
7/28/2021 11:29:55 AM

Quant Time: Jul 28 04:37:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

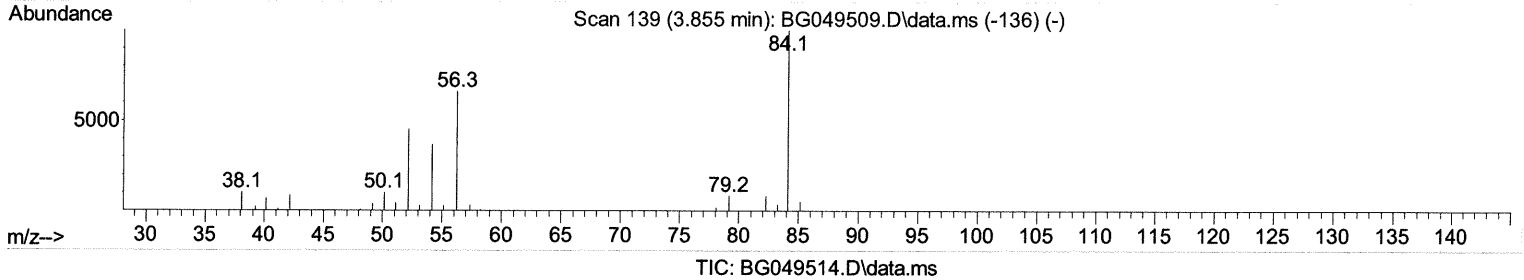
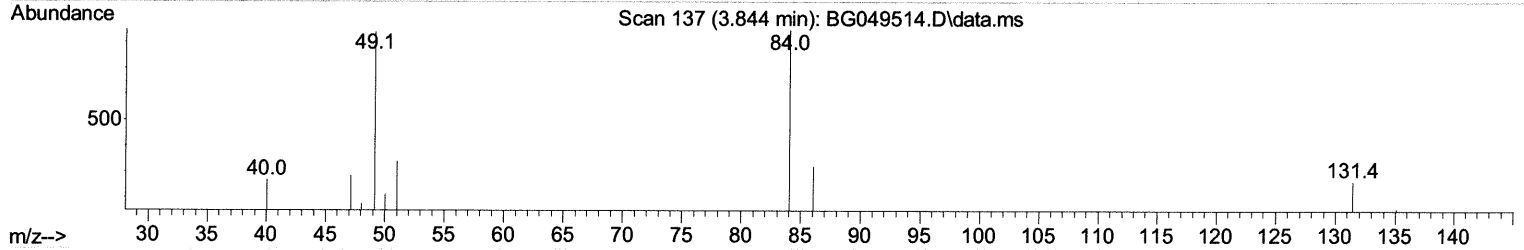
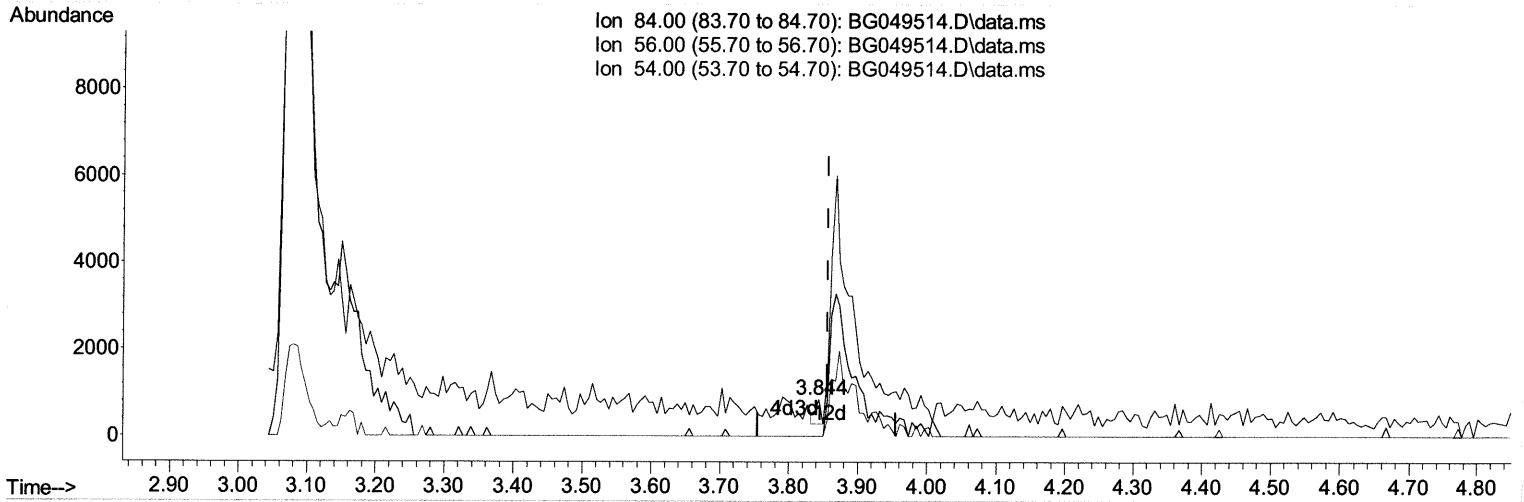
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049514.D
 Acq On : 27 Jul 2021 19:22
 Operator : CG/JU
 Sample : M3091-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

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 BNA_G
 ClientSampleId :
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Manual Integrations
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mohammad
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 QLast Update : Mon Jul 26 11:36:47 2021
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(4) Pyridine-d5 (S)

3.844min (-0.012) 0.22 ng/ul

response 305

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	0.00#
54.00	34.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

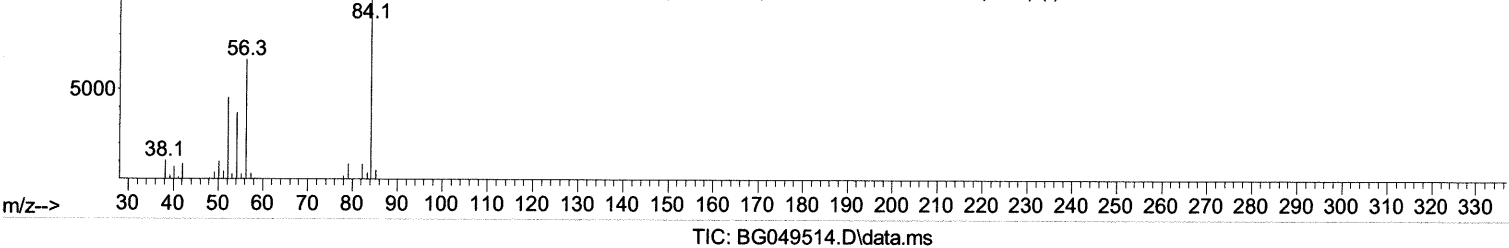
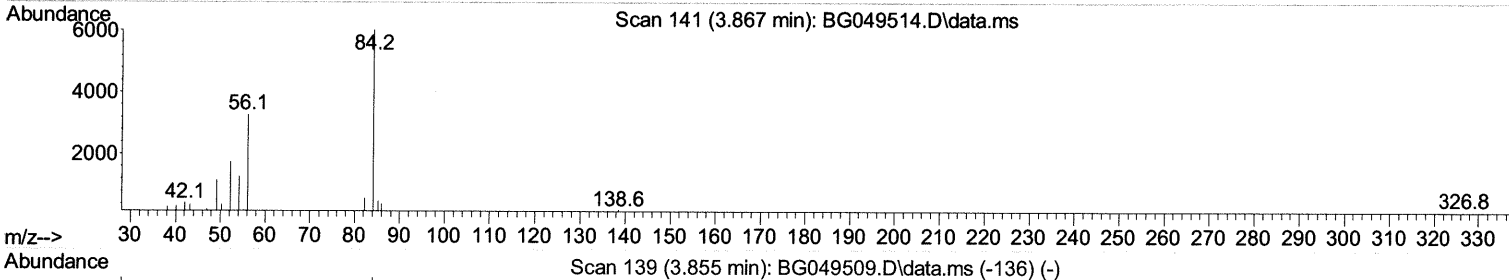
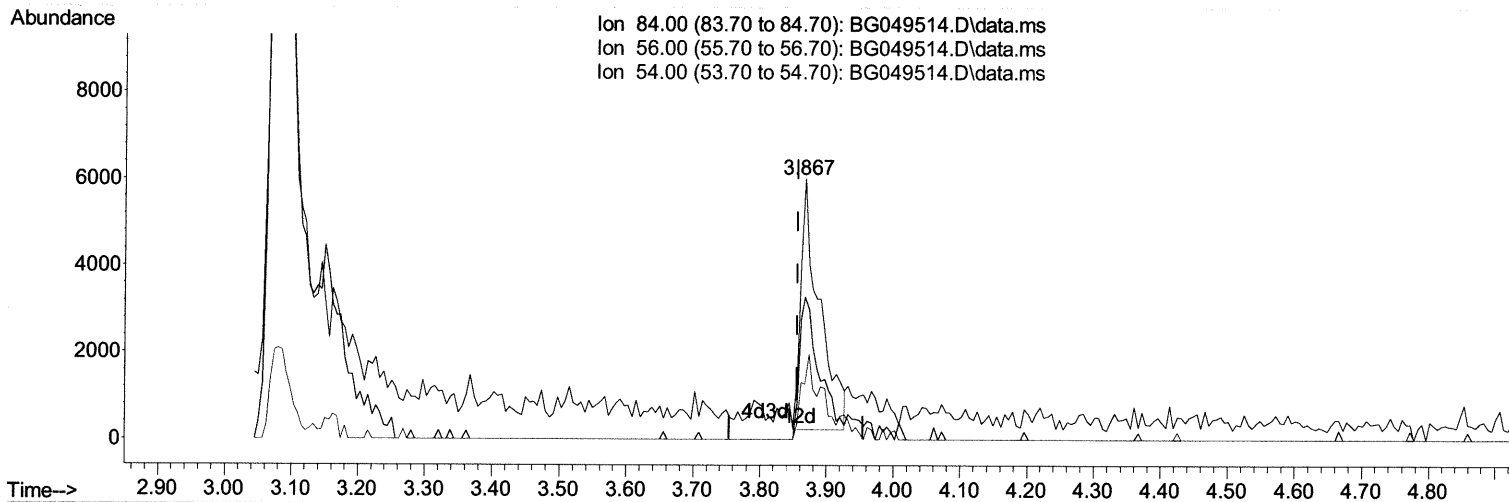
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049514.D
 Acq On : 27 Jul 2021 19:22
 Operator : CG/JU
 Sample : M3091-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration



(4) Pyridine-d5 (S)

3.867min (+ 0.012) 8.20 ng/ul m 07/29/21 JU

response 11328

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.50	54.48
54.00	34.10	21.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

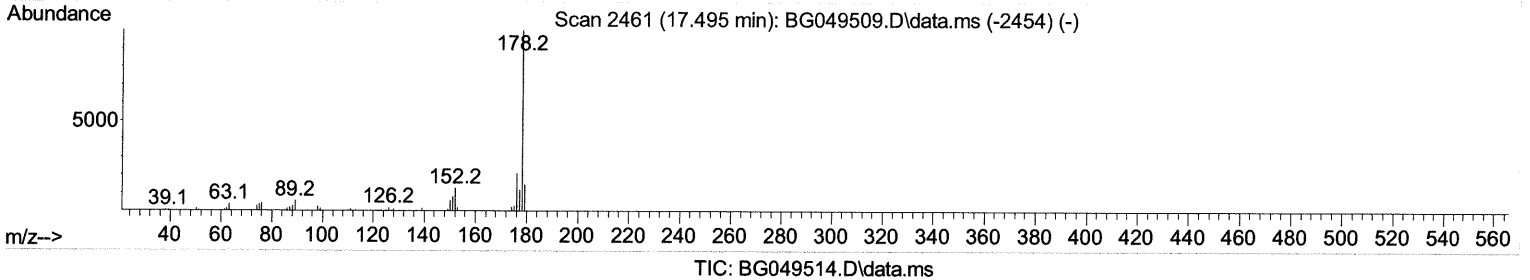
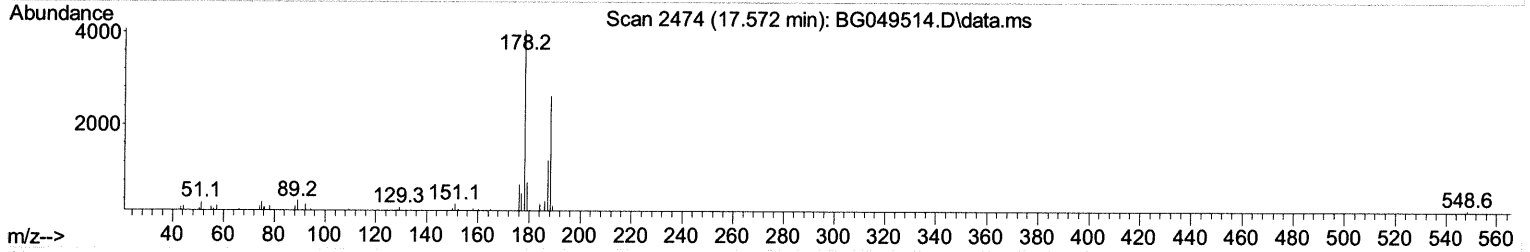
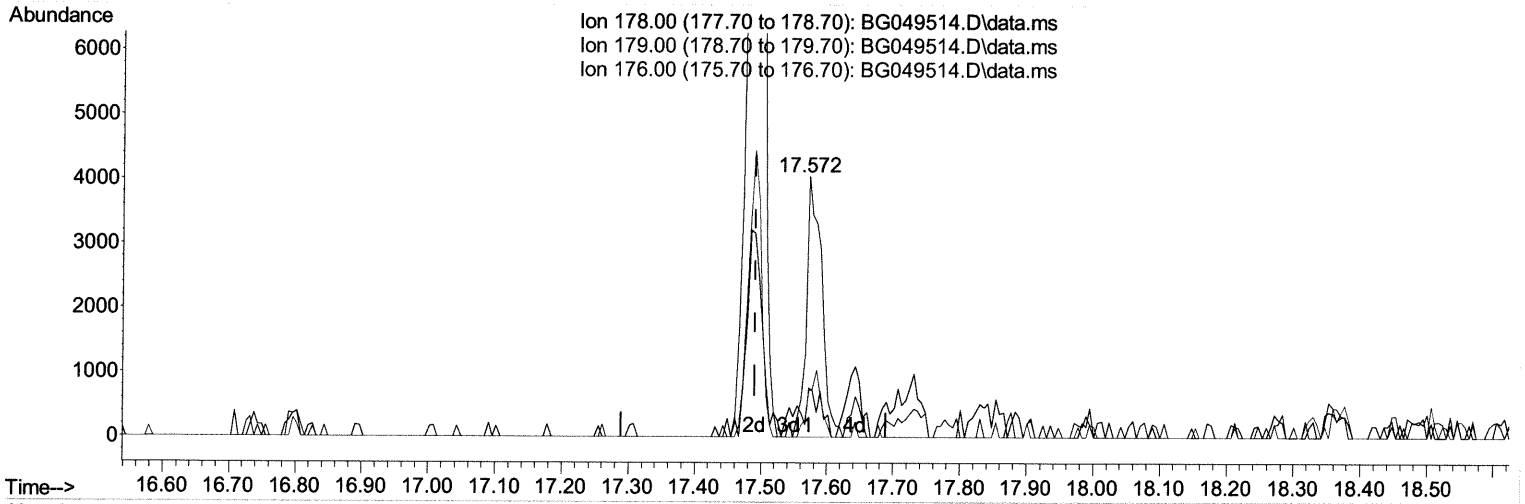
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049514.D
 Acq On : 27 Jul 2021 19:22
 Operator : CG/JU
 Sample : M3091-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BG049514.D\data.ms

(72) Phenanthrene

17.572min (+ 0.082) 0.77 ng/ul

response 6579

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	18.71
176.00	18.80	17.84
0.00	0.00	0.00

Quantitation Report (Qedit)

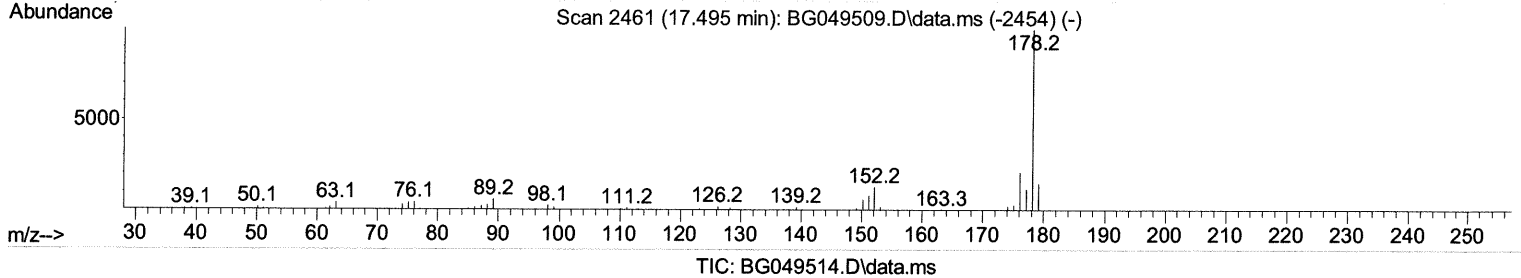
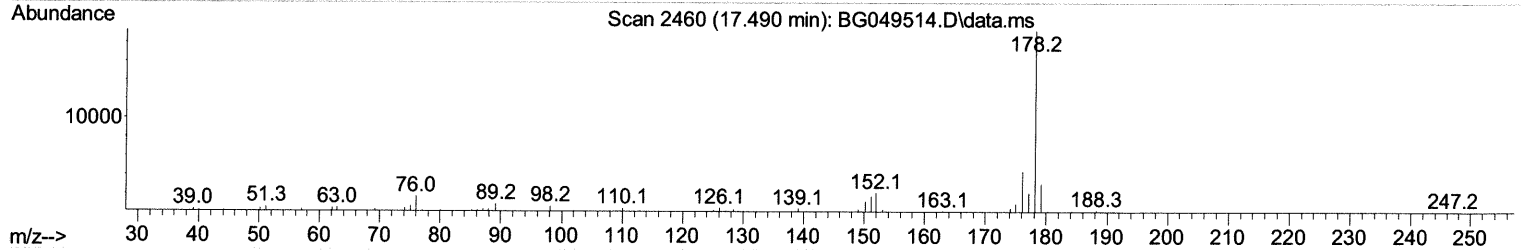
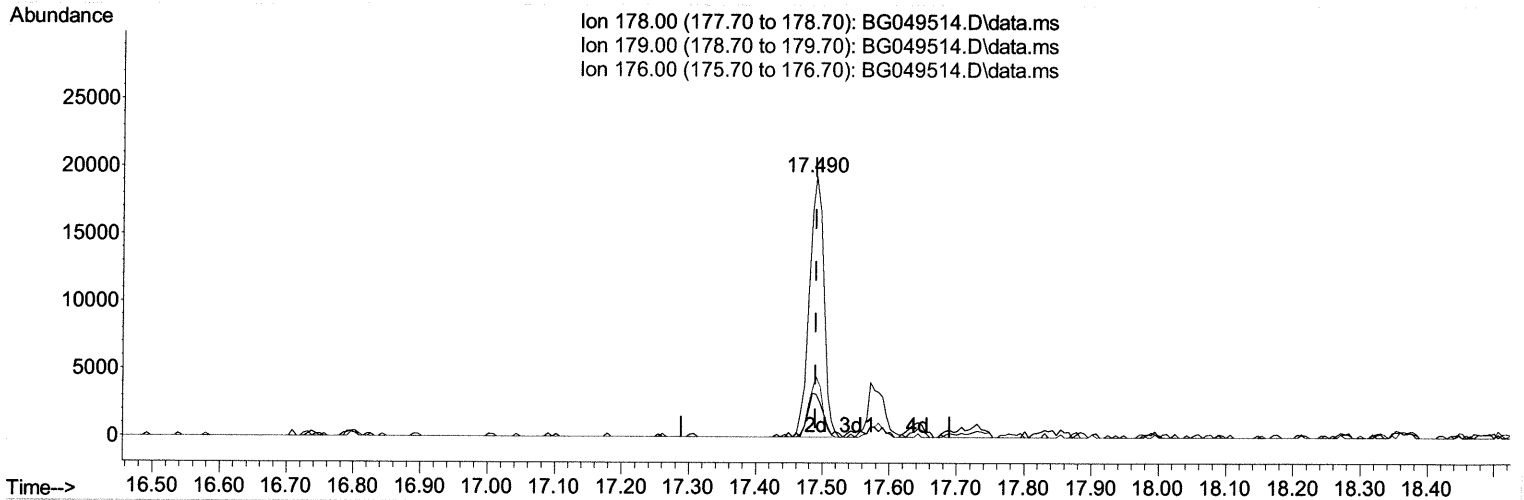
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049514.D
 Acq On : 27 Jul 2021 19:22
 Operator : CG/JU
 Sample : M3091-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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 Response via : Initial Calibration



(72) Phenanthrene

17.490min (+ 0.000) 3.45 ng/ul m 07/29/21 JU

response 29266

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	16.37
176.00	18.80	23.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

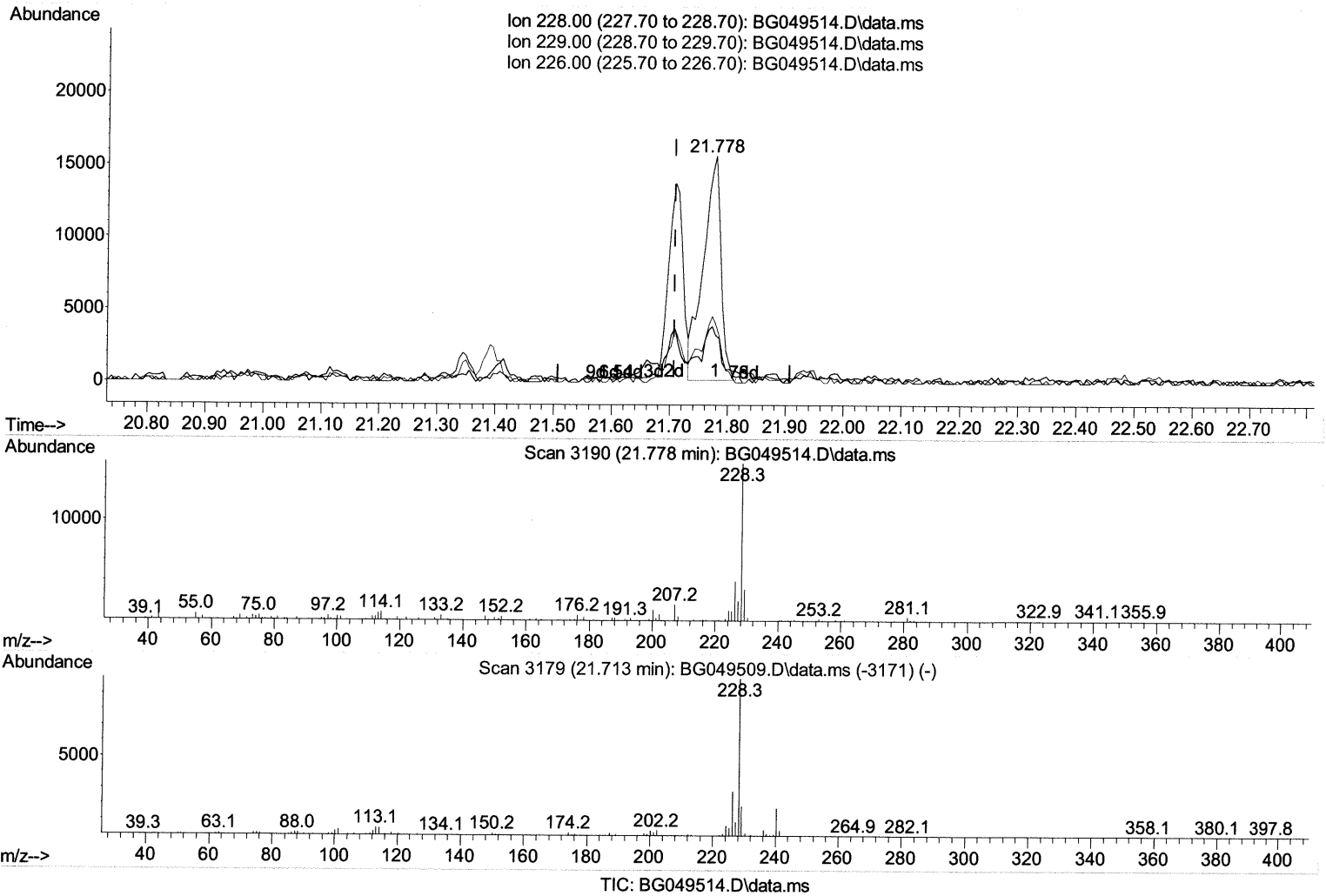
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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(85) Benzo(a)anthracene

21.778min (+ 0.071) 3.74 ng/ul

response 33068

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	20.83
226.00	26.40	25.79
0.00	0.00	0.00

Quantitation Report (Qedit)

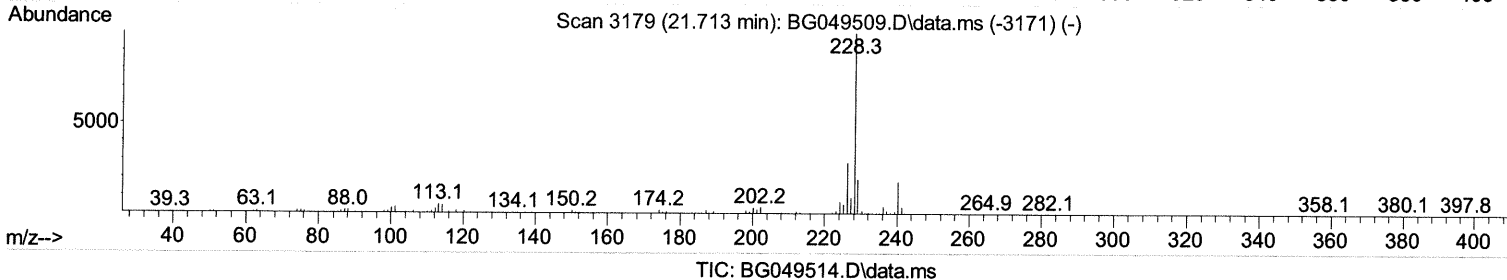
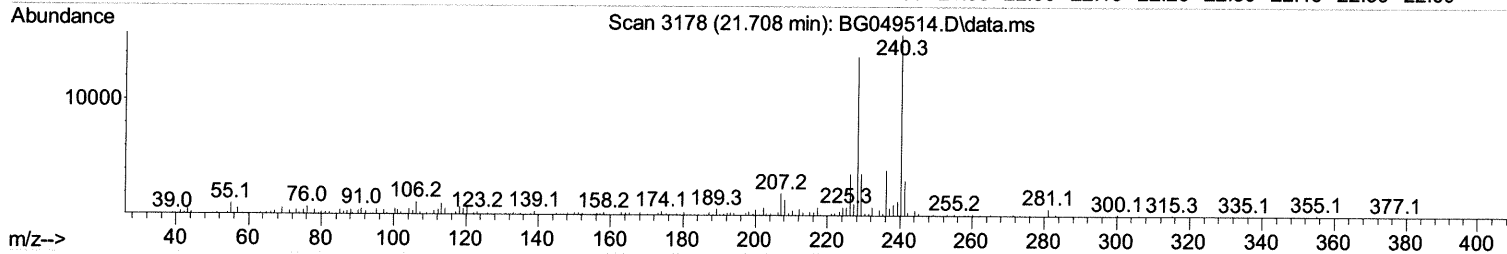
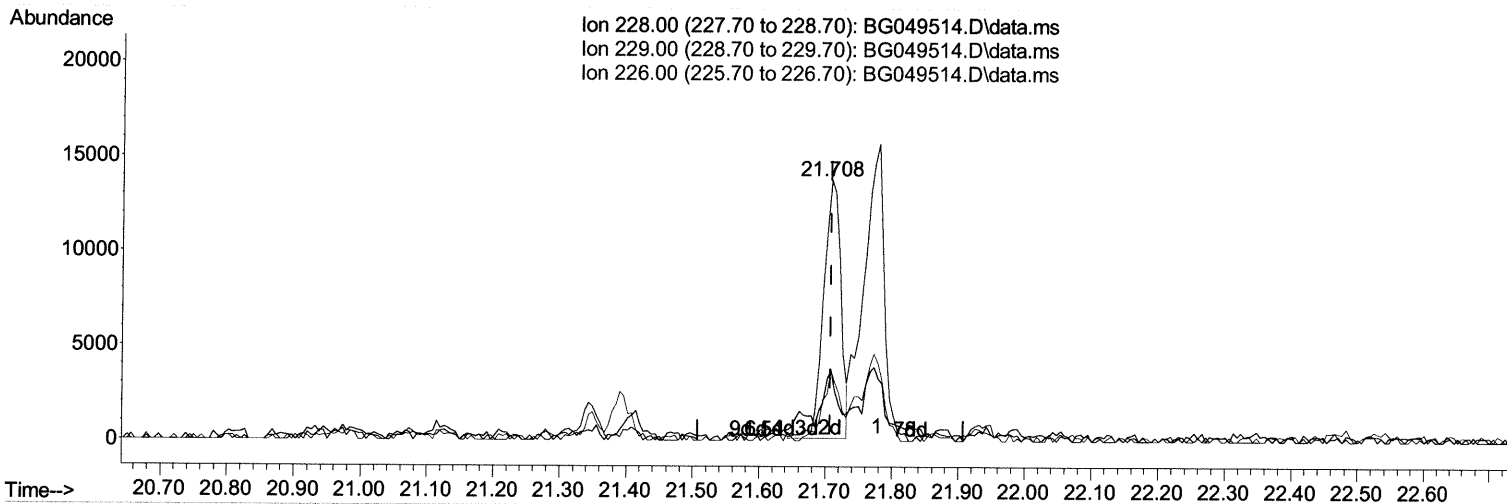
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049514.D
 Acq On : 27 Jul 2021 19:22
 Operator : CG/JU
 Sample : M3091-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0046

Manual Integrations
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 Response via : Initial Calibration



(85) Benzo(a)anthracene

21.708min (+ 0.000) 2.78 ng/ul m 07/29/21 JU

response 24640

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.30	27.14#
226.00	26.40	26.95
0.00	0.00	0.00

Quantitation Report (Qedit)

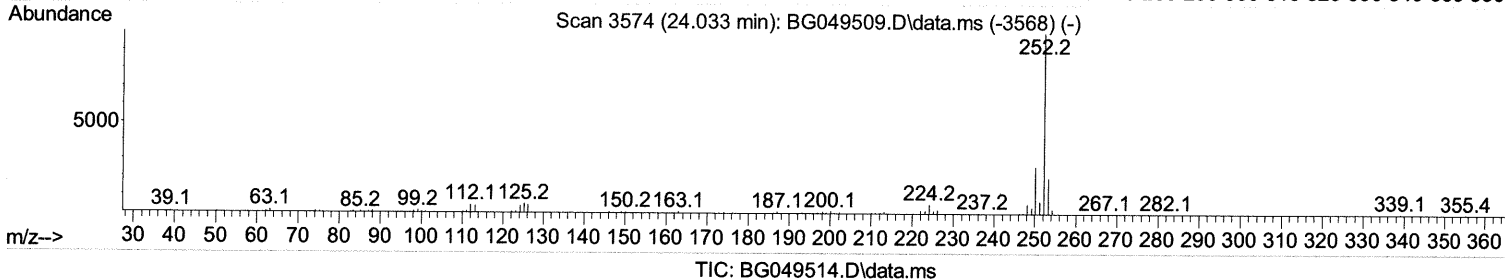
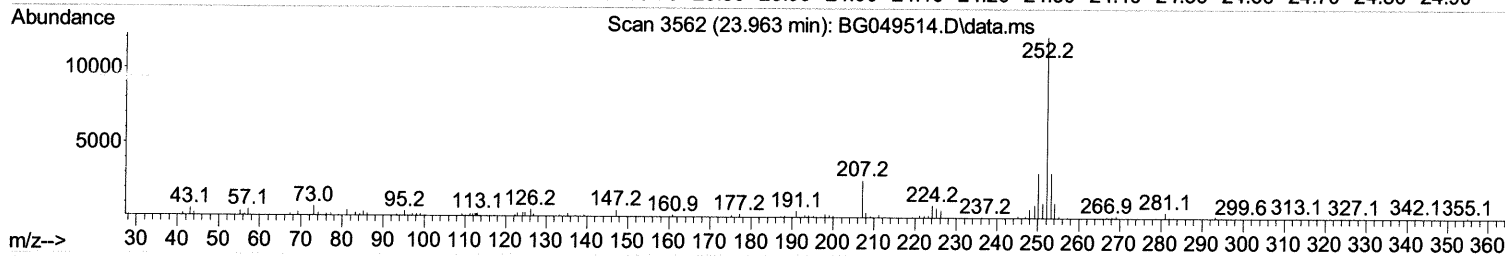
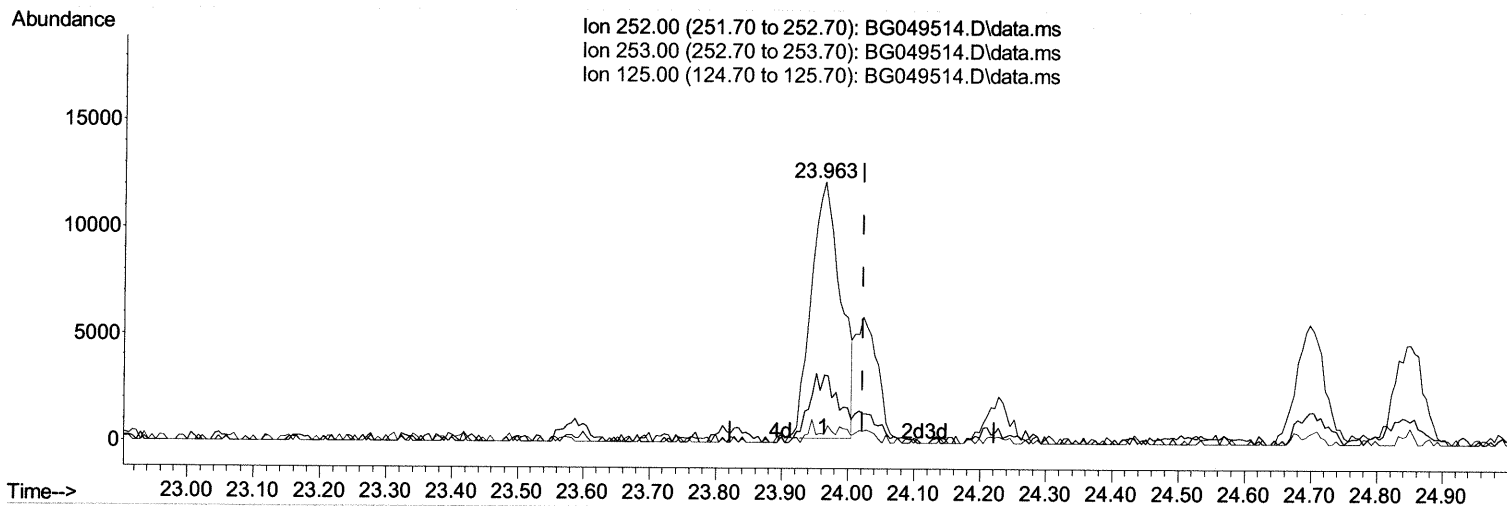
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0046

Manual Integrations
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QLast Update : Mon Jul 26 11:36:47 2021
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(91) Benzo(k)fluoranthene

23.963min (-0.059) 3.97 ng/ul

response 36872

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	25.76
125.00	5.80	3.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

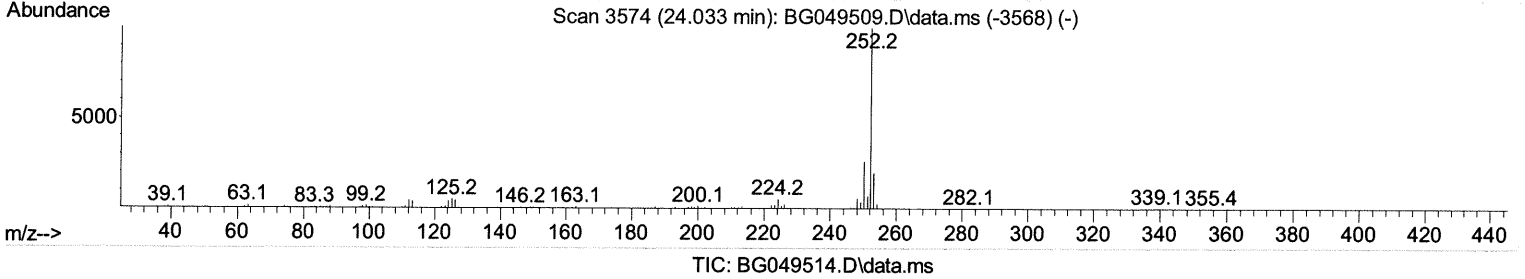
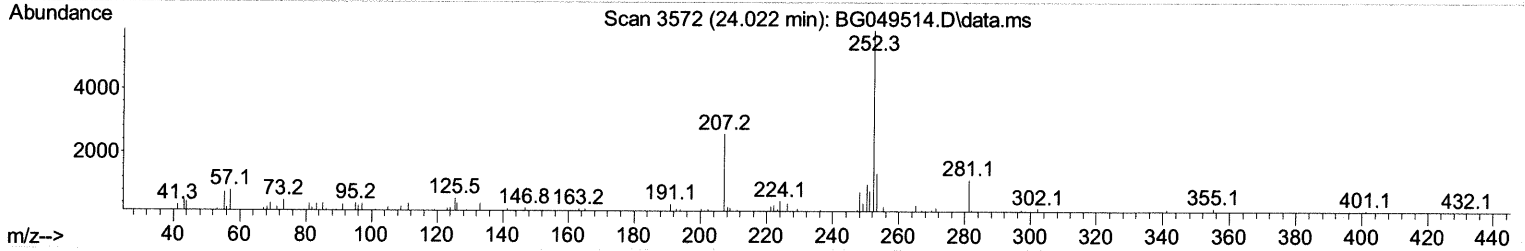
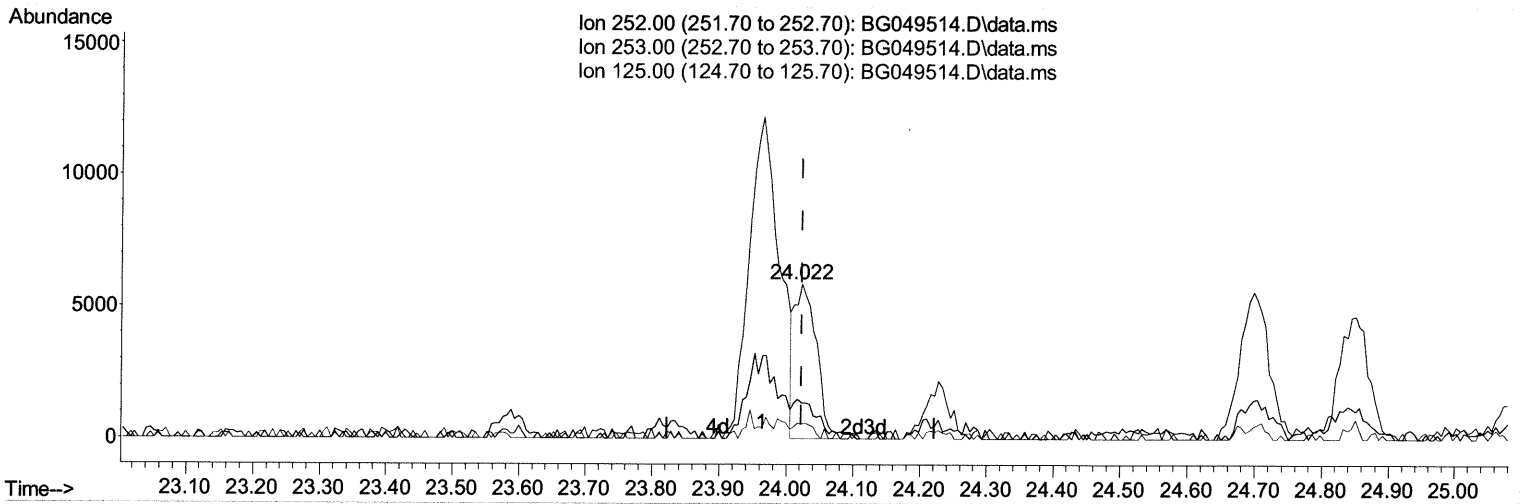
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049514.D
 Acq On : 27 Jul 2021 19:22
 Operator : CG/JU
 Sample : M3091-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0046

Manual Integrations
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Quant Time: Jul 28 04:37:27 2021
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(91) Benzo(k)fluoranthene

24.022min (+ 0.000) 1.45 ng/ul m 07/29/21 JU

response 13515

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	23.04
125.00	5.80	9.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

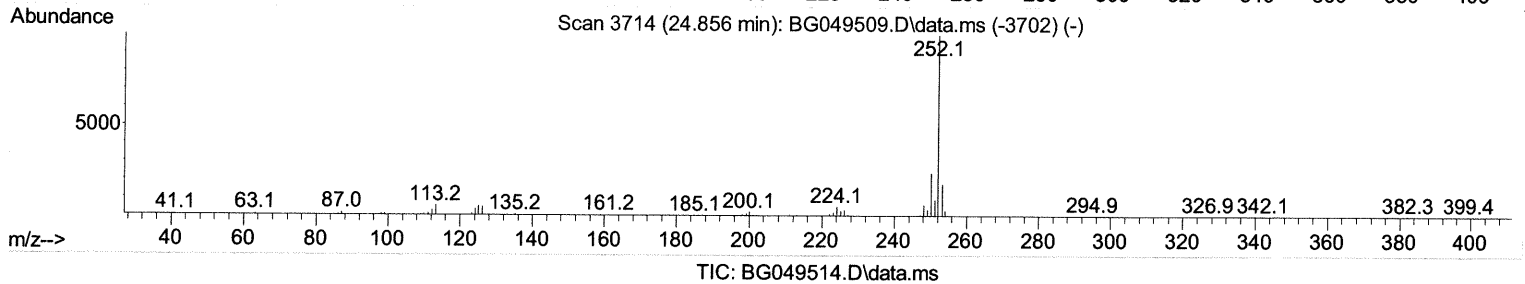
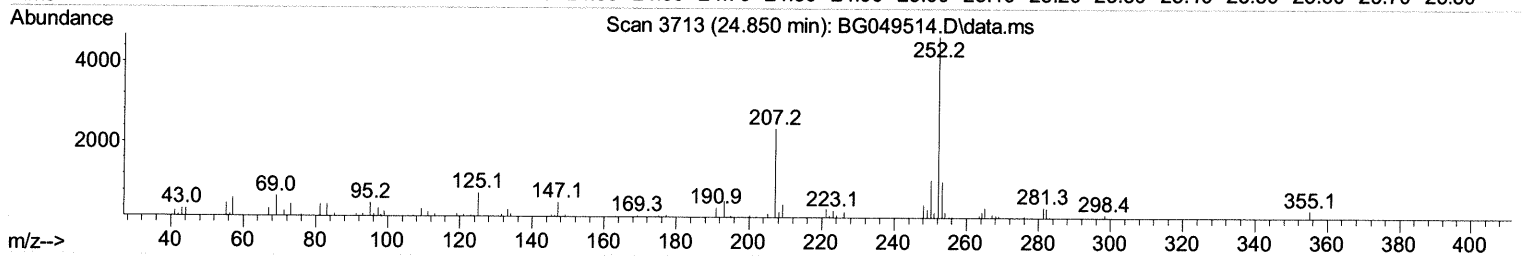
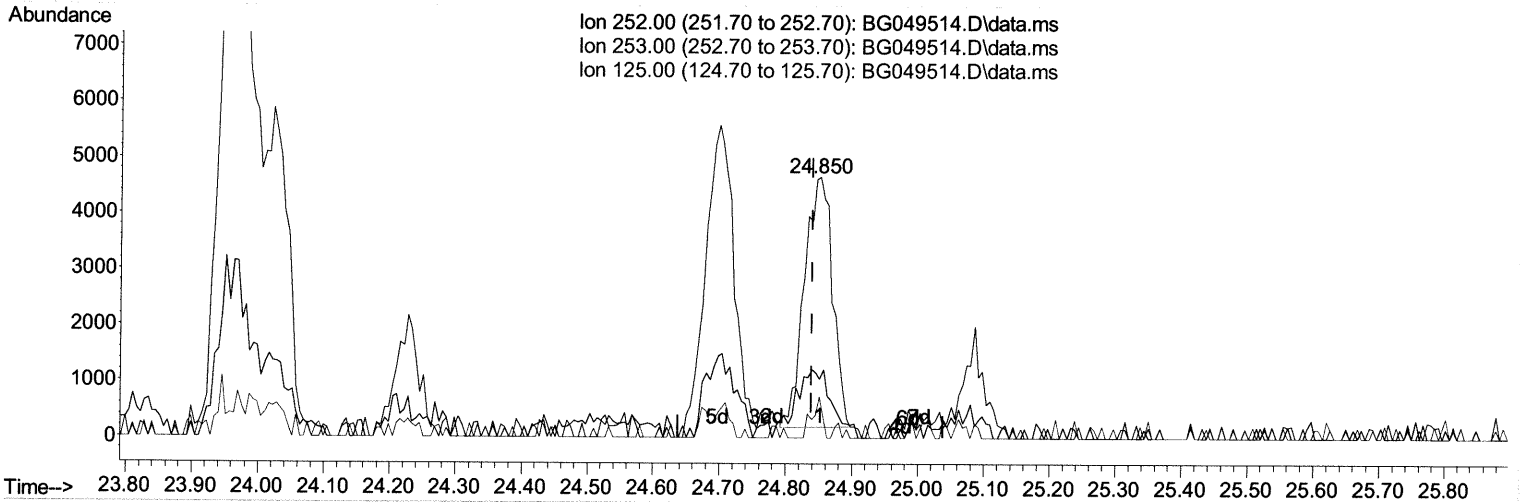
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049514.D
 Acq On : 27 Jul 2021 19:22
 Operator : CG/JU
 Sample : M3091-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(93) Benzo(a)pyrene (C)

24.850min (+ 0.012) 1.60 ng/ul

response 13160

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.50	22.53
125.00	5.70	15.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

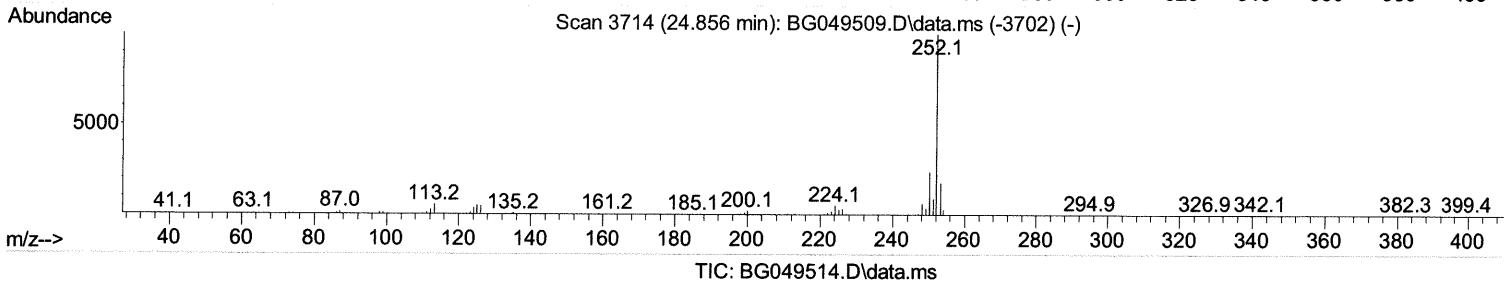
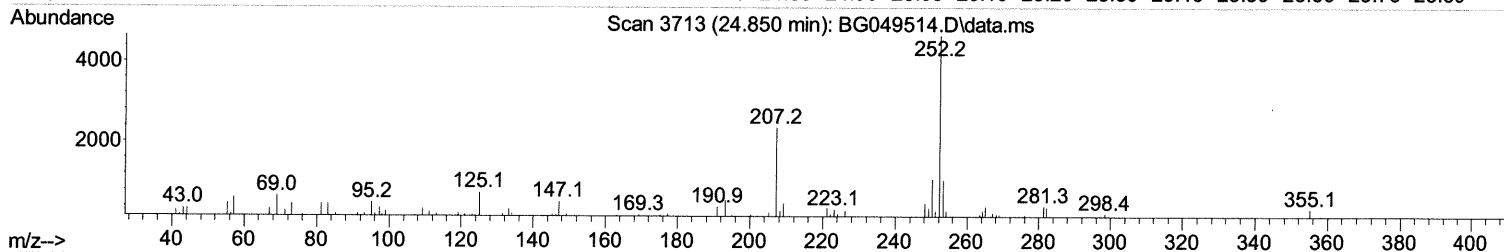
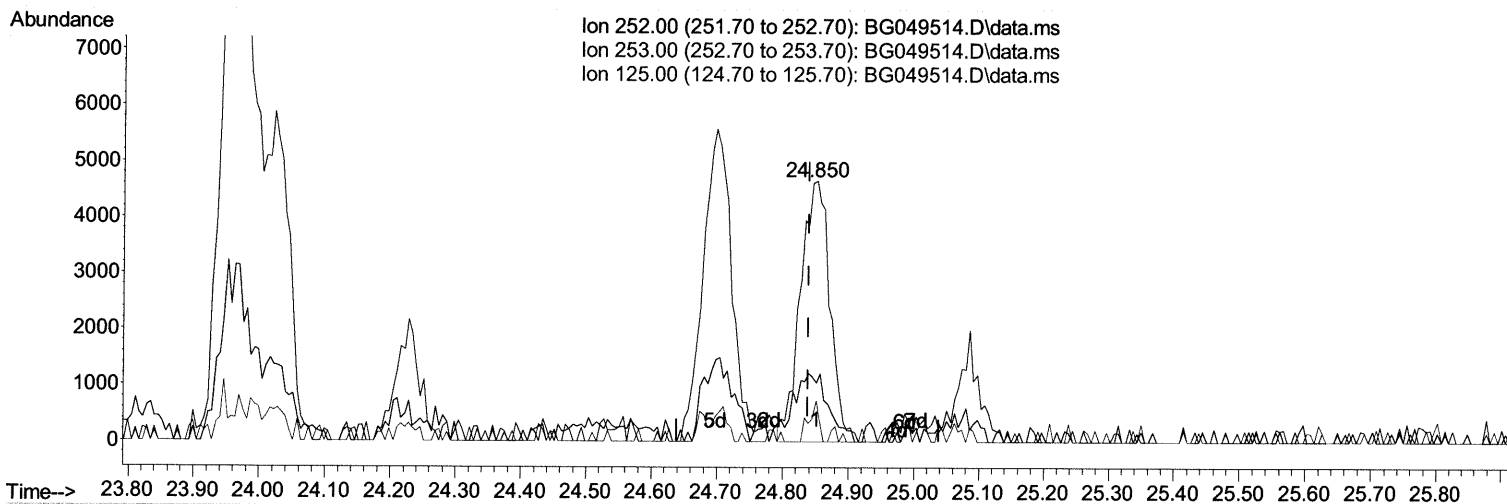
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0046

Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration



(93) Benzo(a)pyrene (C)

24.850min (+ 0.012) 1.76 ng/ul m 07/24/21 Ju

response 14481

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.50	22.53
125.00	5.70	15.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

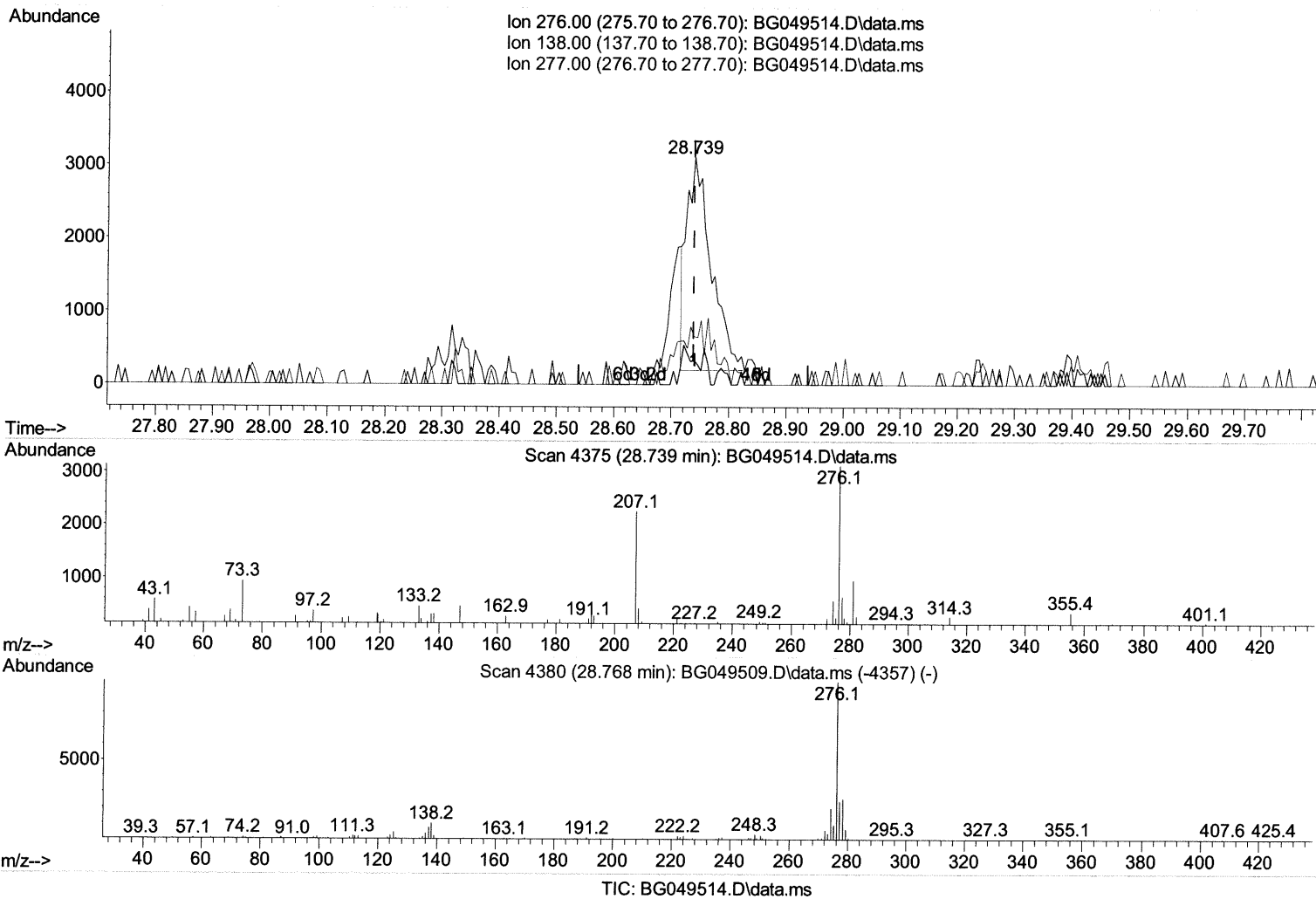
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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(94) Indeno(1,2,3-cd)pyrene

28.739min (+ 0.000) 0.82 ng/ul

response 8586

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	10.78
277.00	24.00	21.10
0.00	0.00	0.00

Quantitation Report (Qedit)

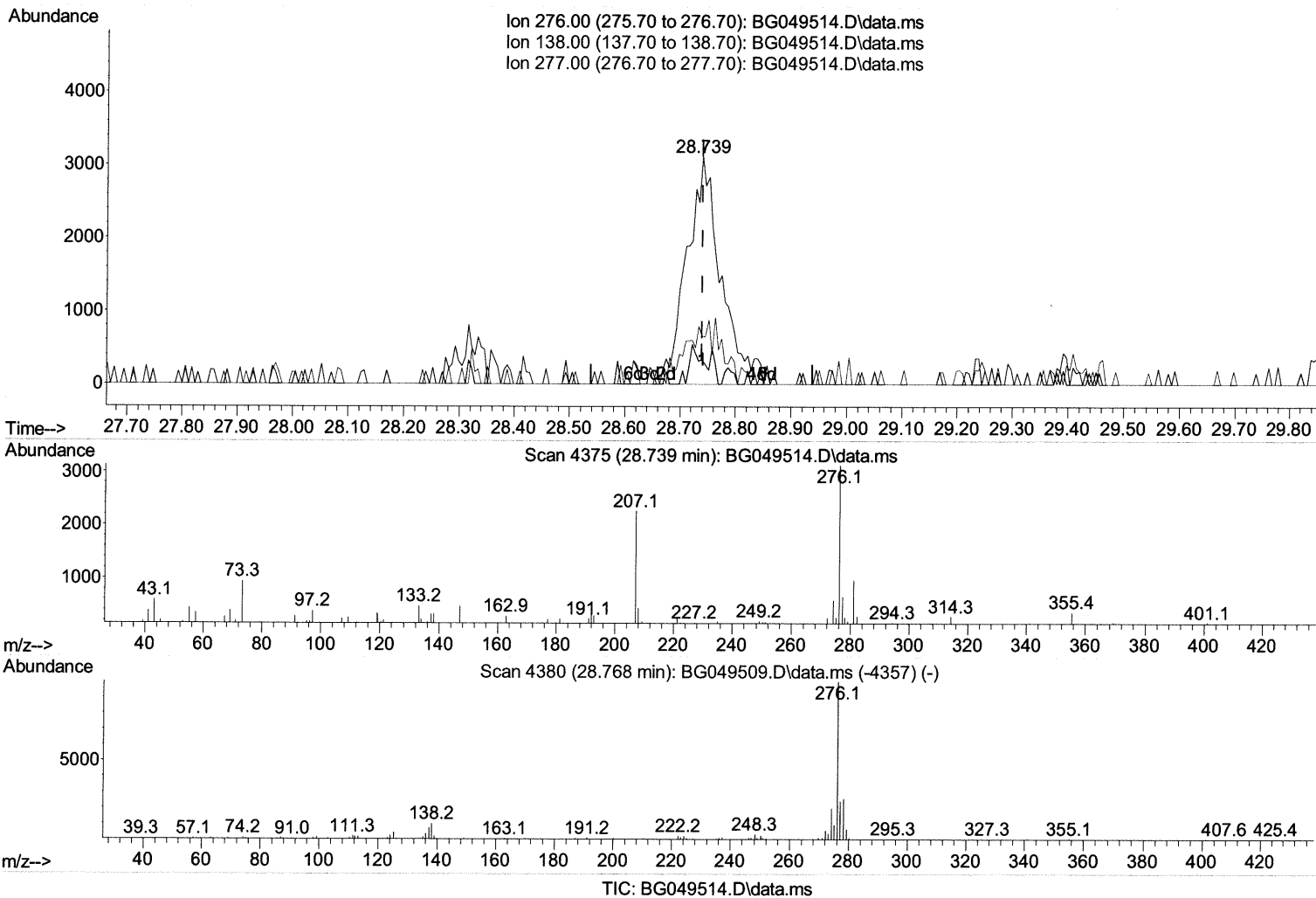
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049514.D
 Acq On : 27 Jul 2021 19:22
 Operator : CG/JU
 Sample : M3091-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0046

Manual Integrations
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 Response via : Initial Calibration



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

28.739min (+ 0.000) 1.26 ng/ul m 07/29/21 JU

response 13293

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.10	10.78
277.00	24.00	21.10
0.00	0.00	0.00

Quantitation Report (Qedit)

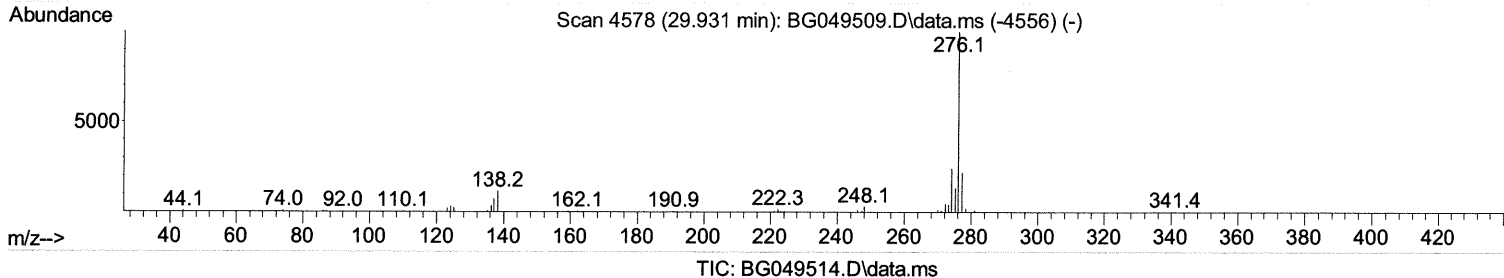
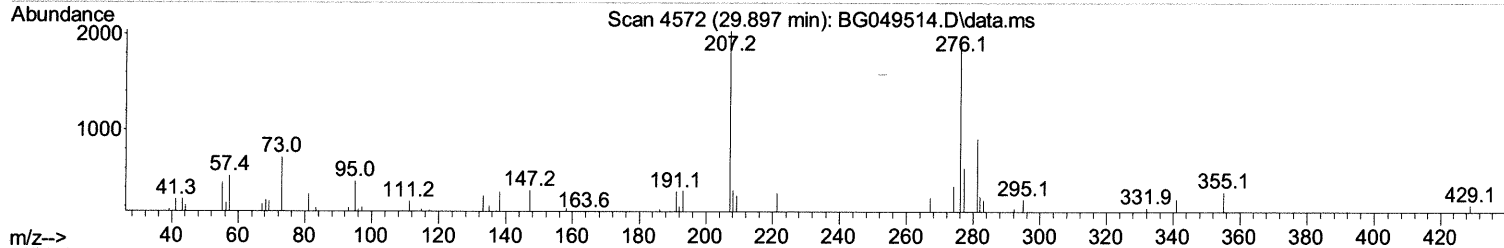
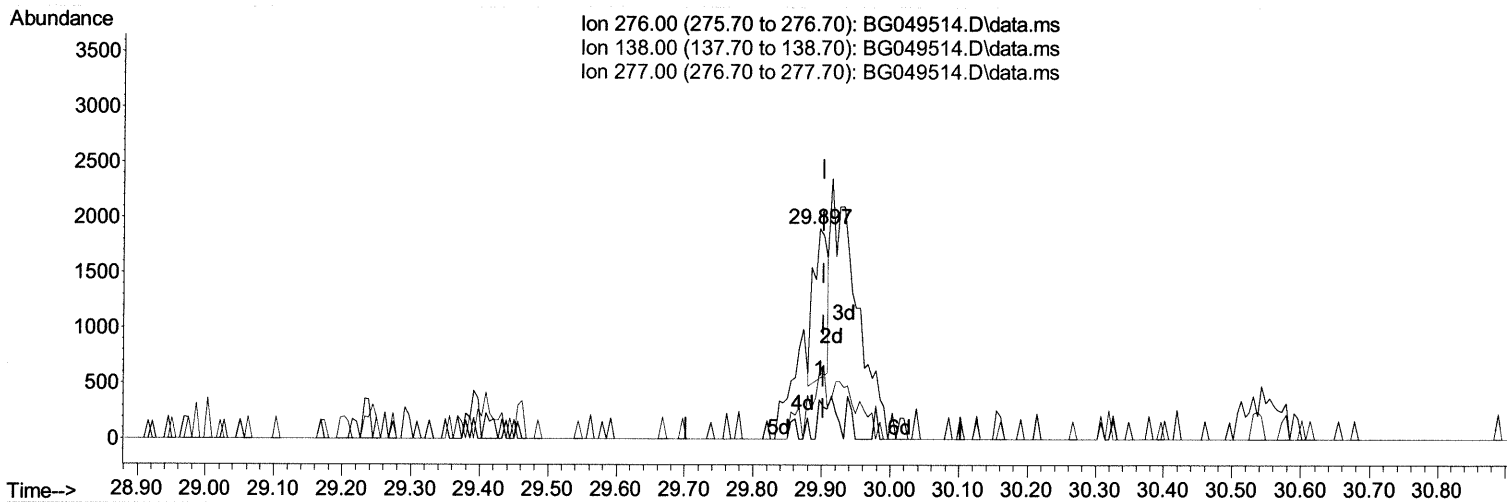
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049514.D
 Acq On : 27 Jul 2021 19:22
 Operator : CG/JU
 Sample : M3091-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0046

Manual Integrations
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



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

29.897min (-0.006) 0.23 ng/ul

response 2007

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.50	18.57#
277.00	25.80	31.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

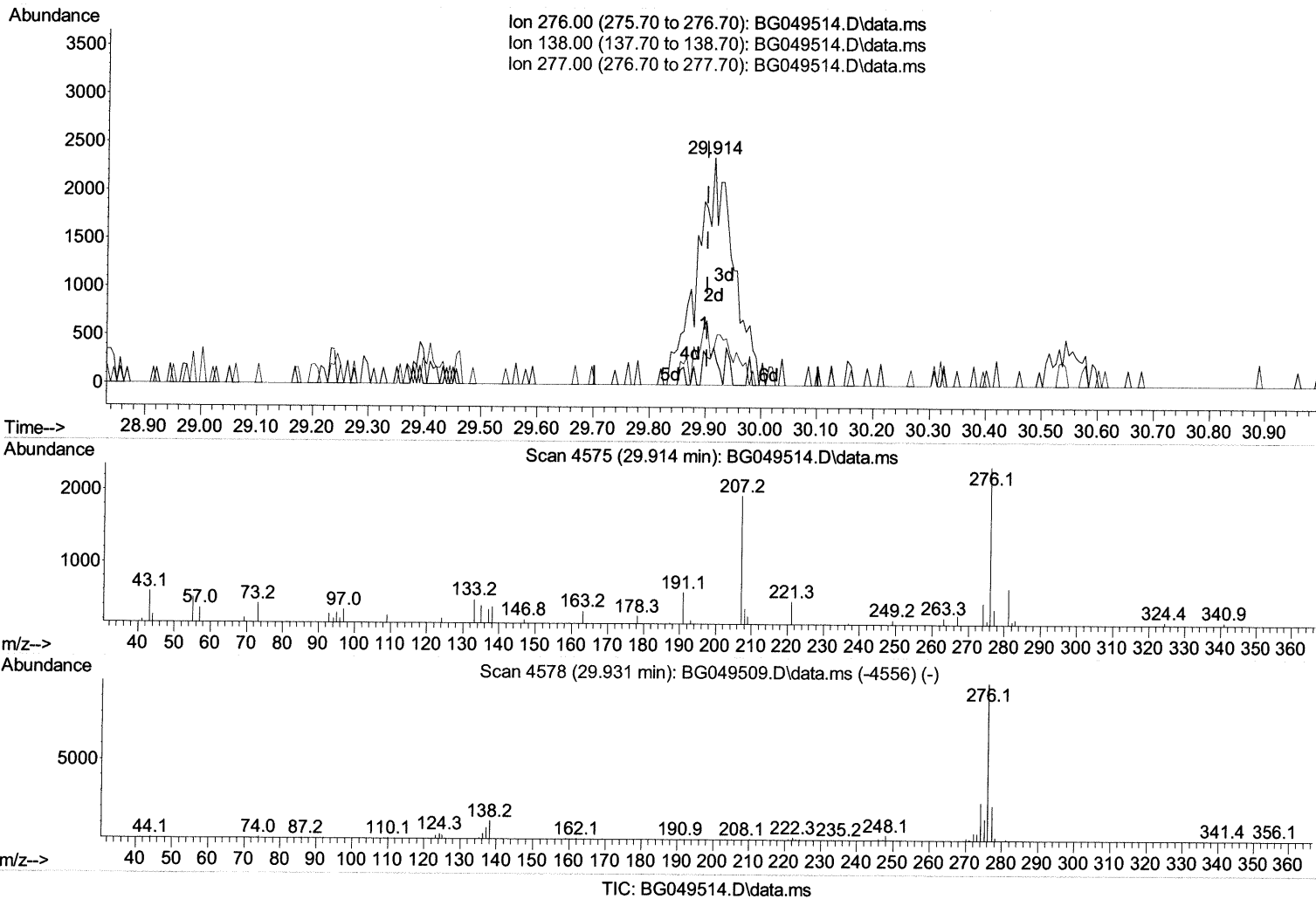
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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Response via : Initial Calibration



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

29.914min (+ 0.012) 1.20 ng/ul m 07/29/21 ju

response 10452

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.50	16.32#
277.00	25.80	15.64#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049514.D
 Acq On : 27 Jul 2021 19:22
 Operator : CG/JU
 Sample : M3091-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 C0046

Manual Integrations
 APPROVED

mohammad
 7/28/2021 11:29:55 AM

Quant Time: Jul 28 04:37:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.050	152	22016	20.000 ng/ul	0.00
20) Naphthalene-d8	10.869	136	98671	20.000 ng/ul	0.00
38) Acenaphthene-d10	14.699	164	72166	20.000 ng/ul	0.00
64) Phenanthrene-d10	17.449	188	163081	20.000 ng/ul	0.00
79) Chrysene-d12	21.725	240	144722	20.000 ng/ul	0.00
88) Perylene-d12	25.003	264	151519	20.000 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.432	96	1161	2.413 ng/ul	0.00
4) Pyridine-d5	3.867	84	11328m	8.196 ng/ul	0.01
7) Phenol-d5	7.204	99	29342	15.064 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	17006	15.415 ng/ul	0.00
11) 2-Chlorophenol-d4	7.580	132	22497	16.112 ng/ul	0.00
15) 4-Methylphenol-d8	8.755	113	21548	14.676 ng/ul	0.00
21) Nitrobenzene-d5	9.219	128	11748	15.486 ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	13446	15.125 ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	22828	14.119 ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	27586	12.242 ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	87112	15.758 ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	103014	16.044 ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	11494	12.626 ng/ul	0.00
60) Fluorene-d10	15.692	176	78551	16.494 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	11436	11.316 ng/ul	0.00
73) Anthracene-d10	17.549	188	119151	15.720 ng/ul	0.00
81) Pyrene-d10	19.834	212	130742	17.668 ng/ul	0.00
92) Benzo(a)pyrene-d12	24.774	264	124017	15.573 ng/ul	0.00
Target Compounds					
30) Naphthalene	10.922	128	8286	1.630 ng/ul	97
36) 2-Methylnaphthalene	12.526	142	10147	2.728 ng/ul	94
37) 1-Methylnaphthalene	12.749	142	5597	1.489 ng/ul#	86
72) Phenanthrene	17.490	178	29266m	3.447 ng/ul	97
80) Fluoranthene	19.499	202	62343	6.938 ng/ul	99
82) Pyrene	19.863	202	42715	4.788 ng/ul#	97
85) Benzo(a)anthracene	21.708	228	24640m	2.785 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.602	149	5899	1.144 ng/ul#	91
87) Chrysene	21.778	228	32264	3.810 ng/ul	92
90) Benzo(b)fluoranthene	23.963	252	36872	3.883 ng/ul#	91
91) Benzo(k)fluoranthene	24.022	252	13515m	1.454 ng/ul	97
93) Benzo(a)pyrene	24.850	252	14481m	1.758 ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.739	276	13293m	1.265 ng/ul	
96) Benzo(g,h,i)perylene	29.914	276	10452m	1.196 ng/ul	

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