

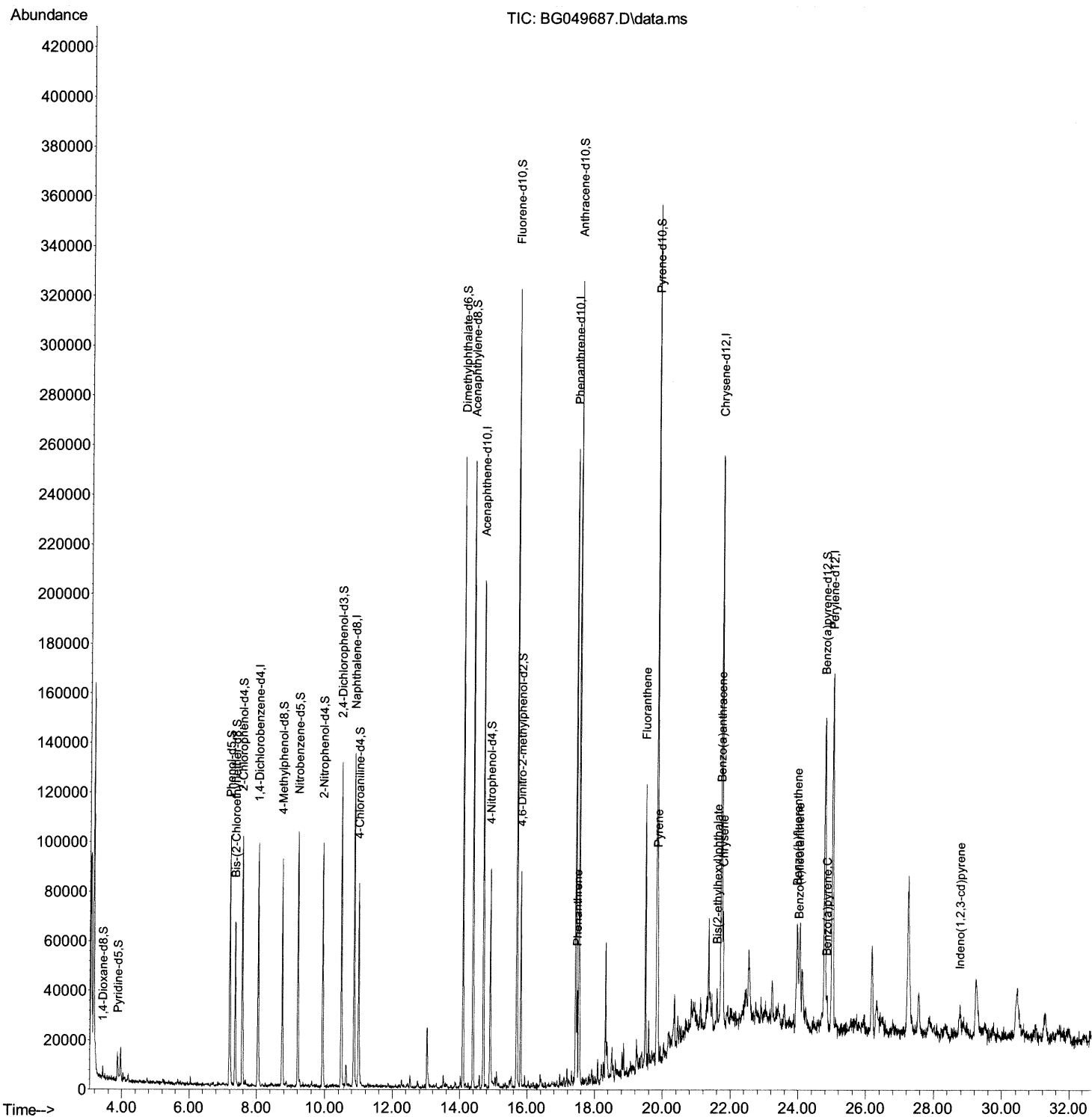
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049687.D
Acq On : 6 Aug 2021 22:35
Operator : CG/JU
Sample : M3124-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0084

Manual Integrations
APPROVED

mohammad
8/9/2021 12:09:42 PM

Quant Time: Aug 06 23:36:46 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)

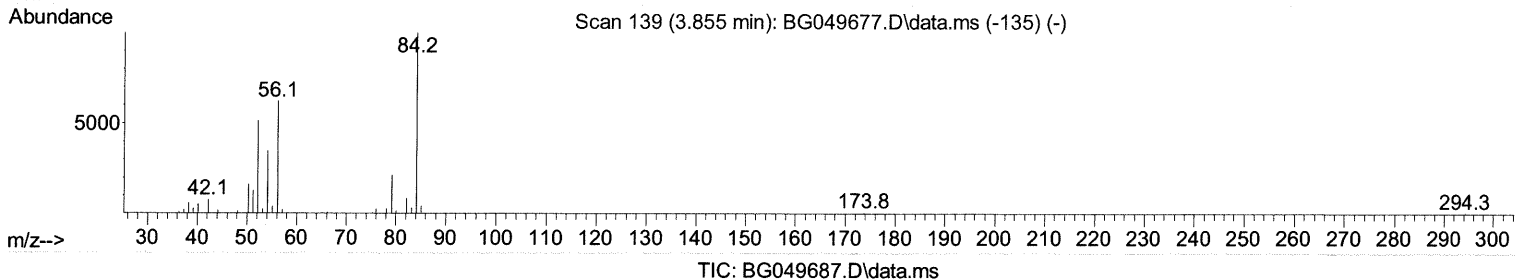
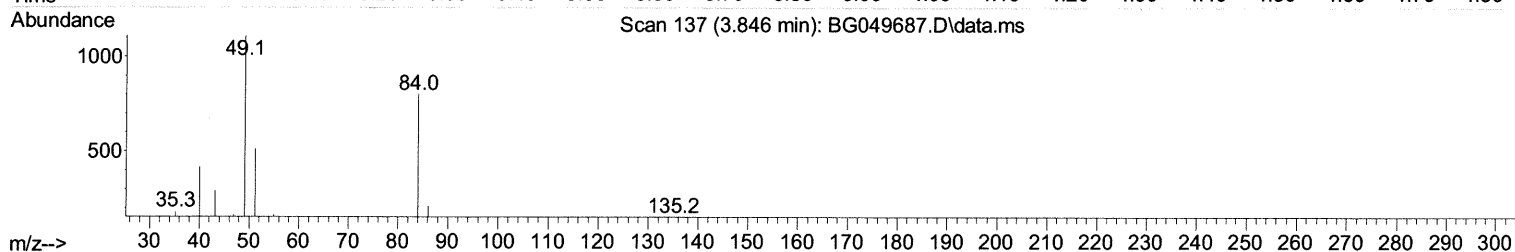
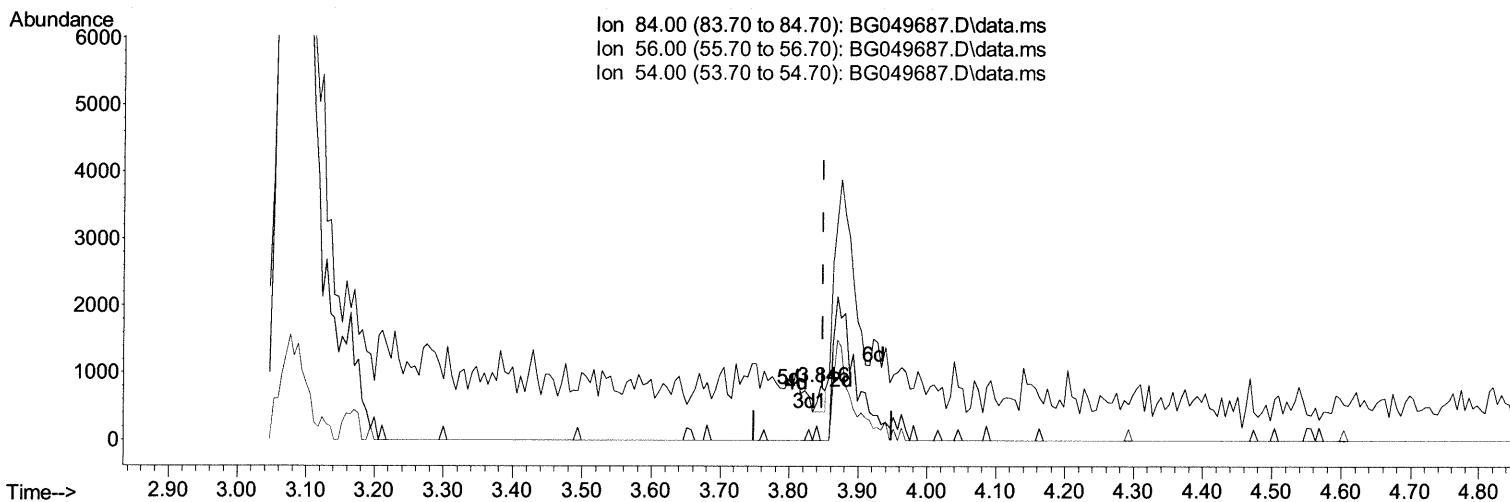
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(4) Pyridine-d5 (S)

3.846min (-0.003) 0.17 ng/ul

response 300

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	0.00#
54.00	36.30	0.00#
0.00	0.00	0.00

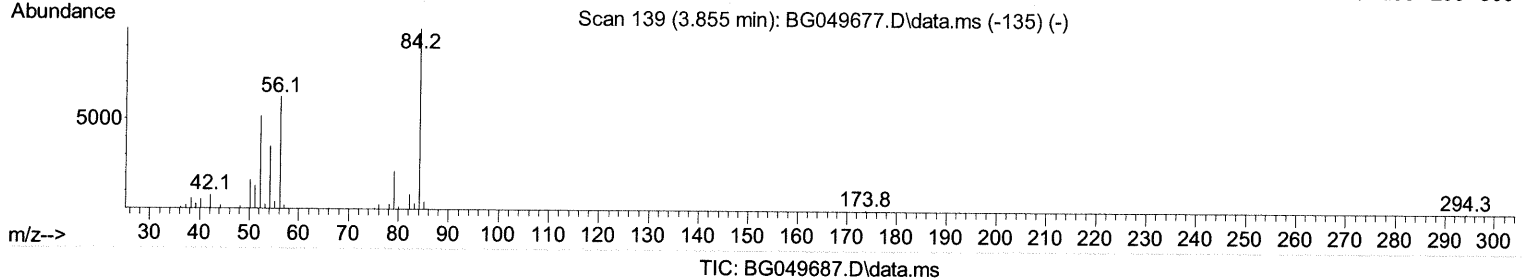
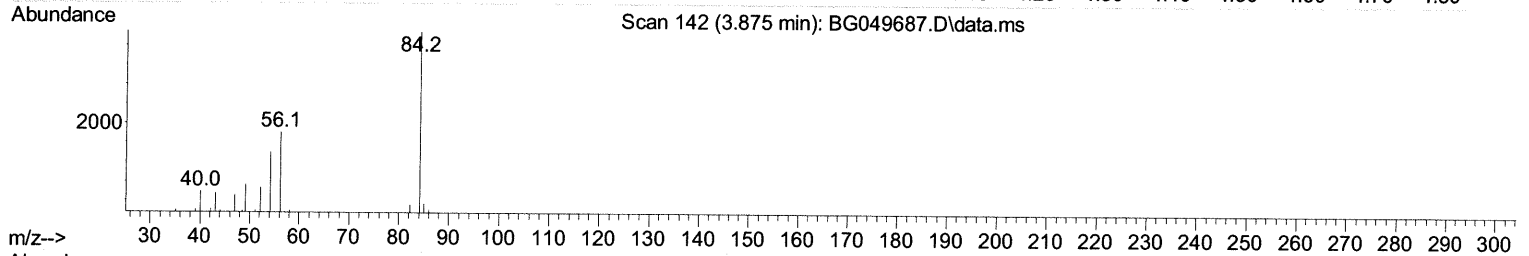
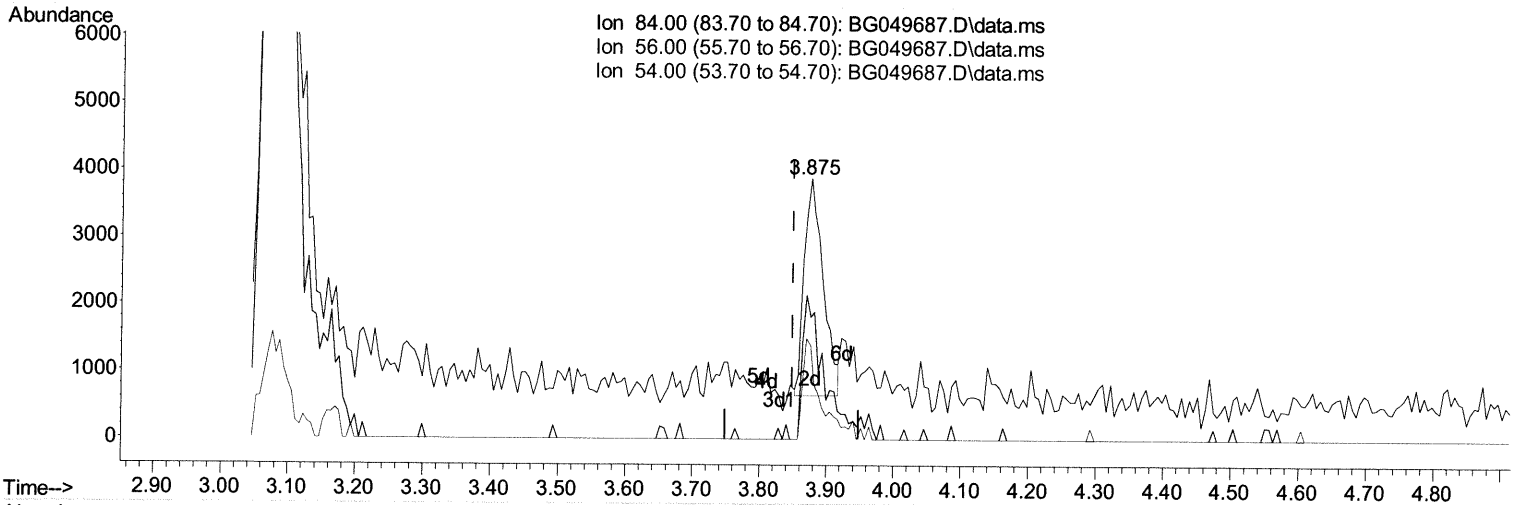
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049687.D
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(4) Pyridine-d5 (S)

3.875min (+ 0.026) 3.65 ng/ul m 08/11/21 JU

response 6383

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	46.90#
54.00	36.30	35.97
0.00	0.00	0.00

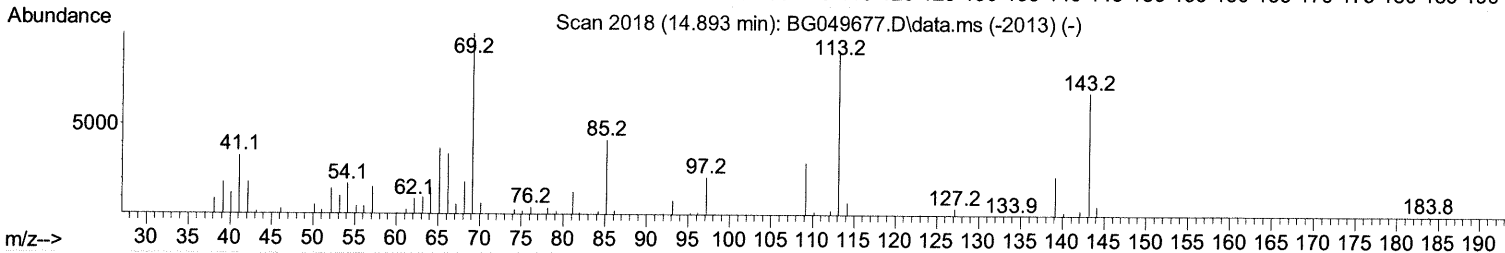
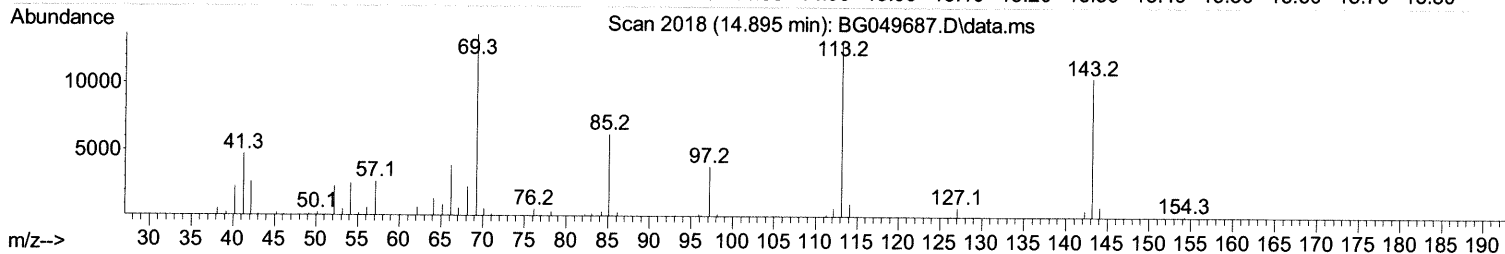
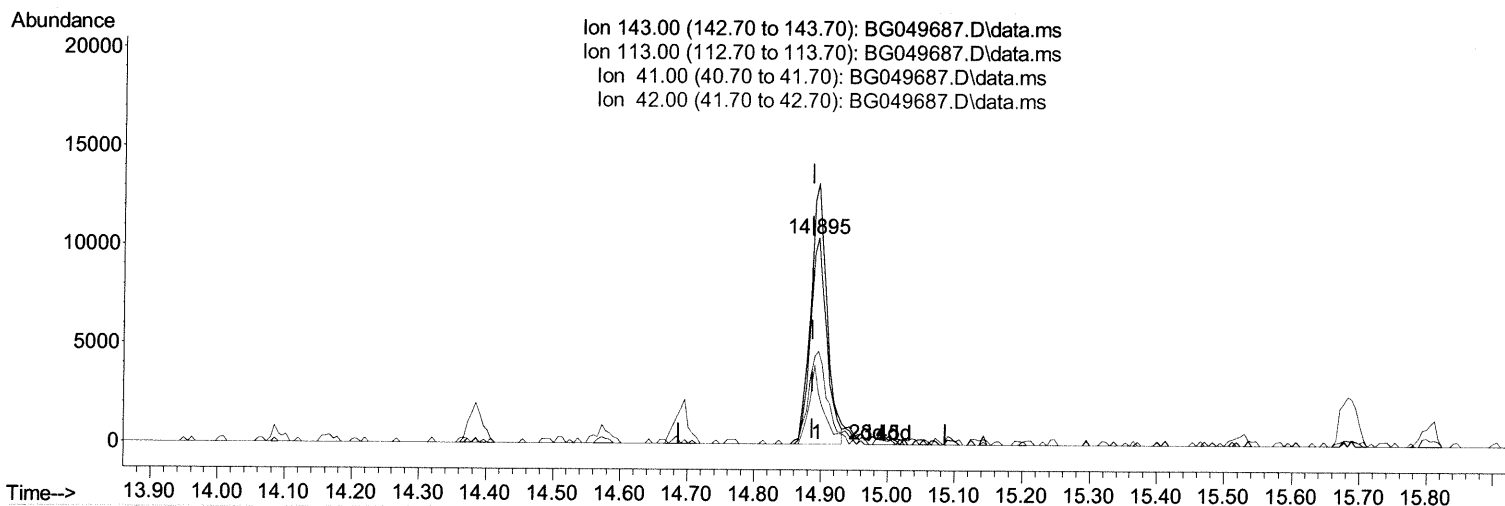
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049687.D
Acq On : 6 Aug 2021 22:35
Operator : CG/JU
Sample : M3124-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BG049687.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.895min (+ 0.009) 19.23 ng/ul

response 18003

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	107.70	126.48
41.00	45.40	45.02
42.00	26.90	25.02

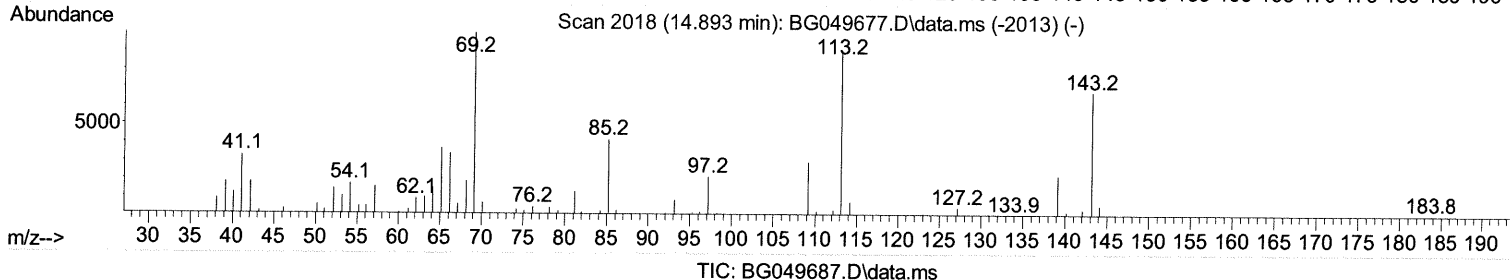
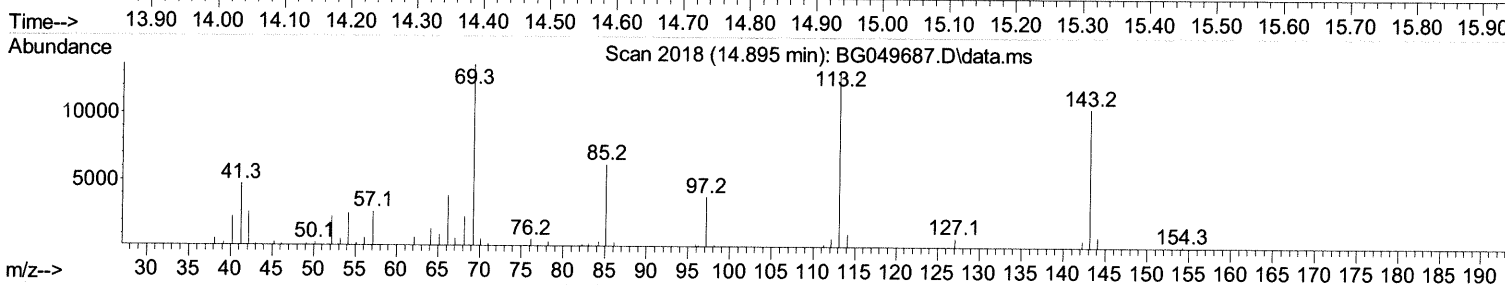
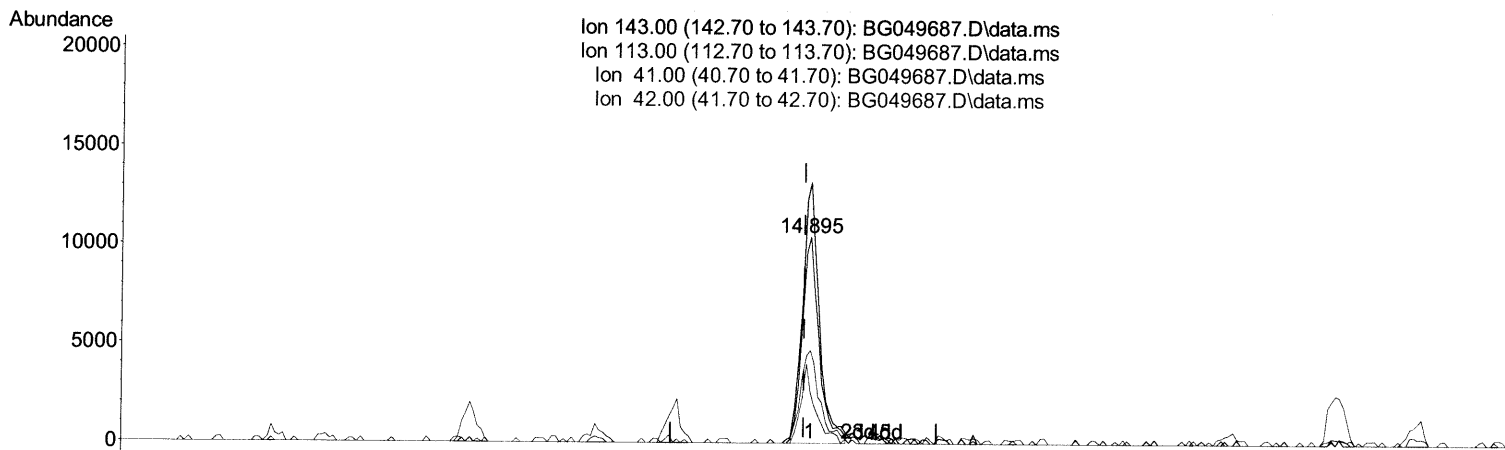
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049687.D
Acq On : 6 Aug 2021 22:35
Operator : CG/JU
Sample : M3124-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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



(54) 4-Nitrophenol-d4 (S)

14.895min (+ 0.009) 19.92 ng/ul m 08/11/21 JU

response 18652

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	107.70	126.48
41.00	45.40	45.02
42.00	26.90	25.02

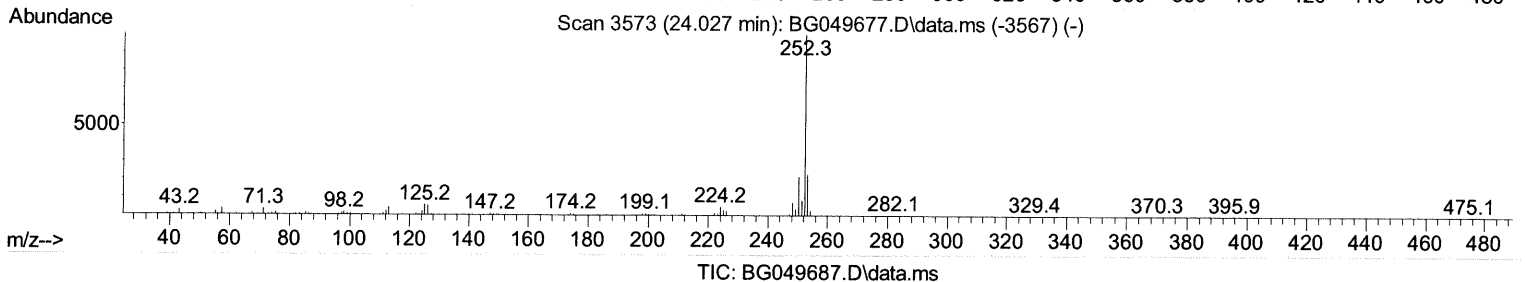
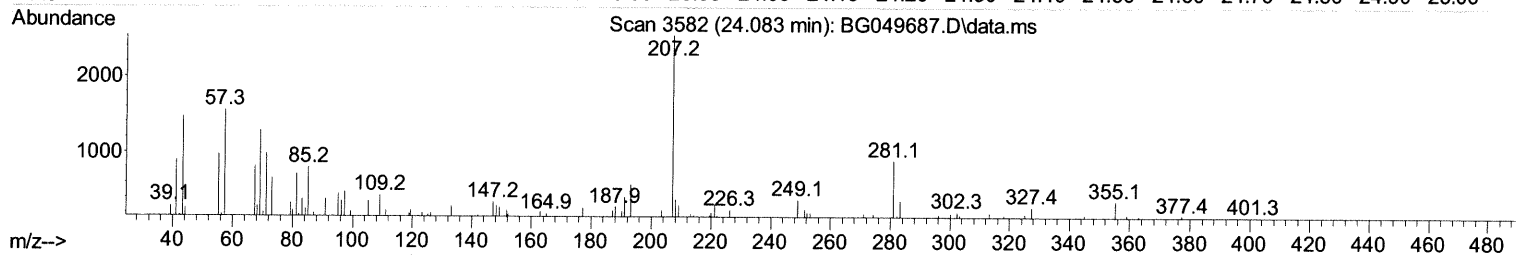
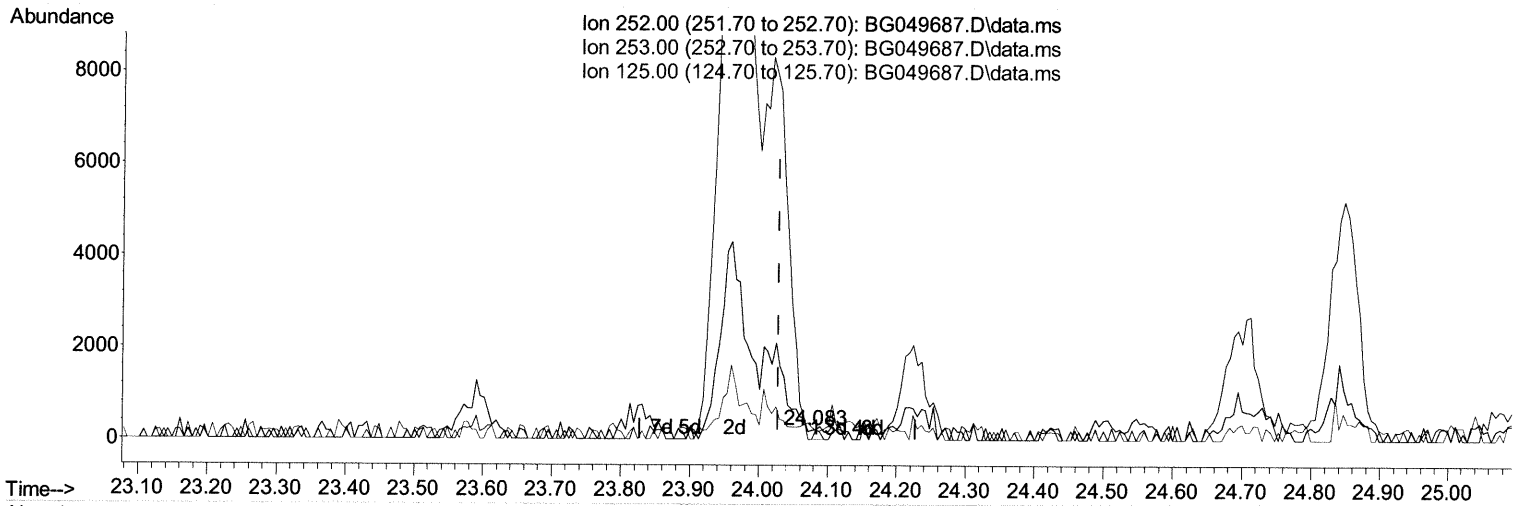
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049687.D
Acq On : 6 Aug 2021 22:35
Operator : CG/JU
Sample : M3124-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0084

Manual Integrations
APPROVED

mohammad
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Quant Time: Aug 06 23:36:46 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration



(91) Benzo(k)fluoranthene

24.083min (+ 0.056) 0.01 ng/ul

response 128

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	97.18#
125.00	4.80	84.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

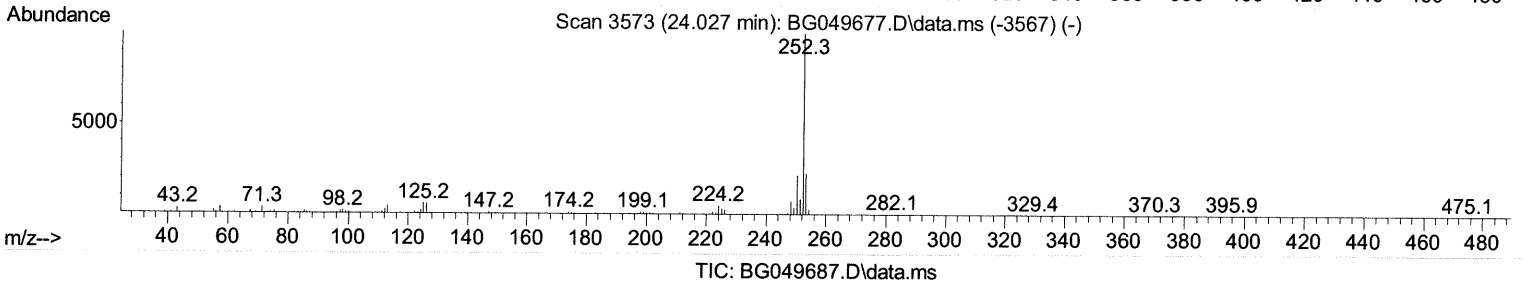
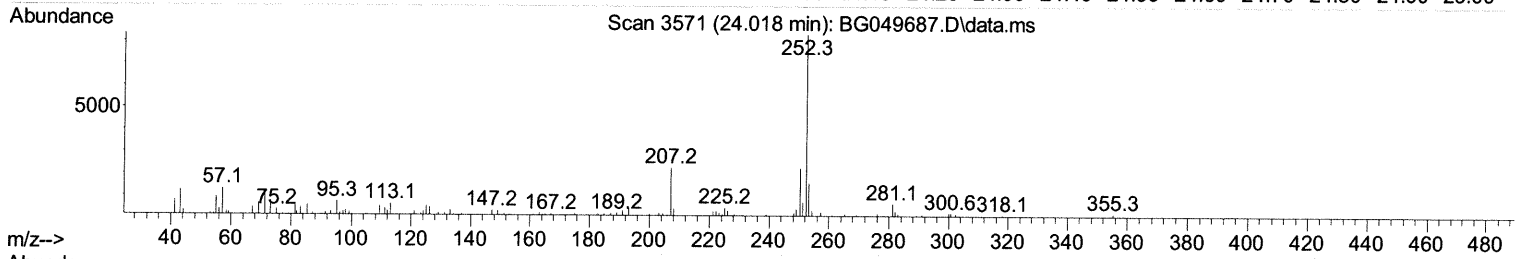
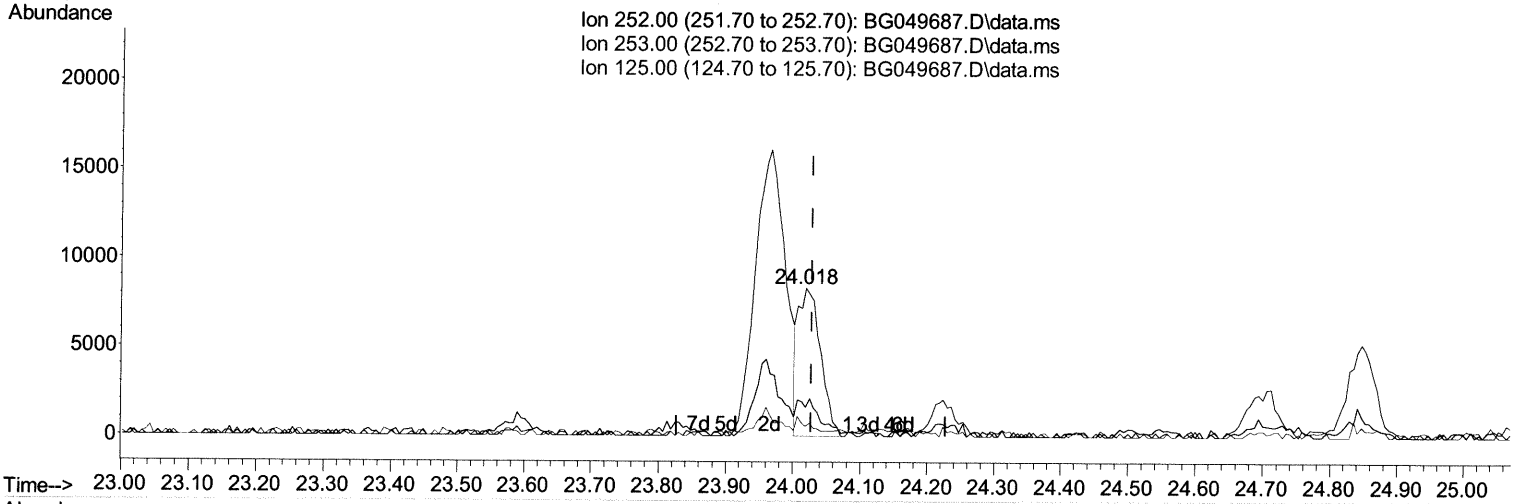
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049687.D
 Acq On : 6 Aug 2021 22:35
 Operator : CG/JU
 Sample : M3124-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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 Response via : Initial Calibration



(91) Benzo(k)fluoranthene

24.018min (-0.009) 2.15 ng/ul m 08/11/21 JU

response 19309

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	19.55
125.00	4.80	6.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

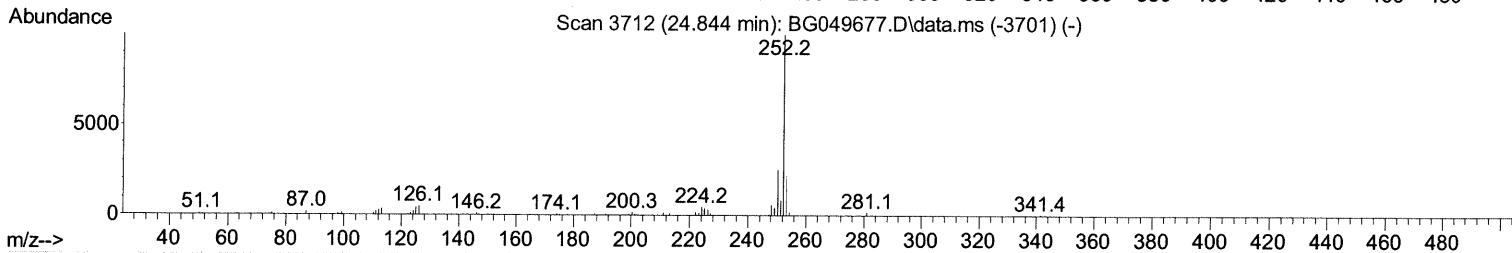
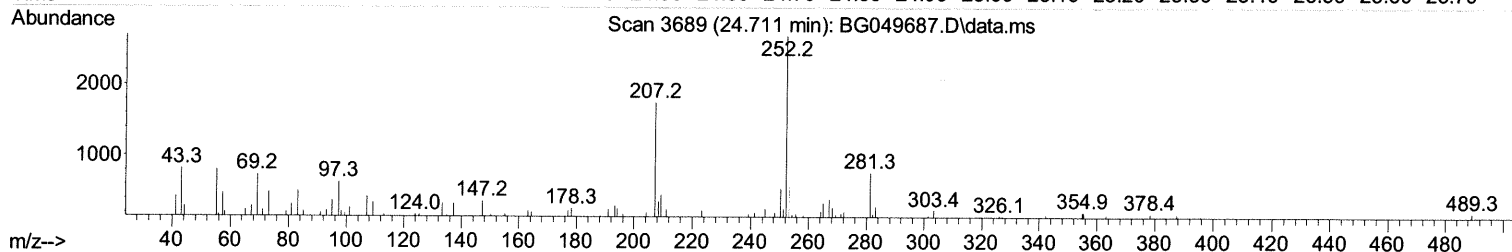
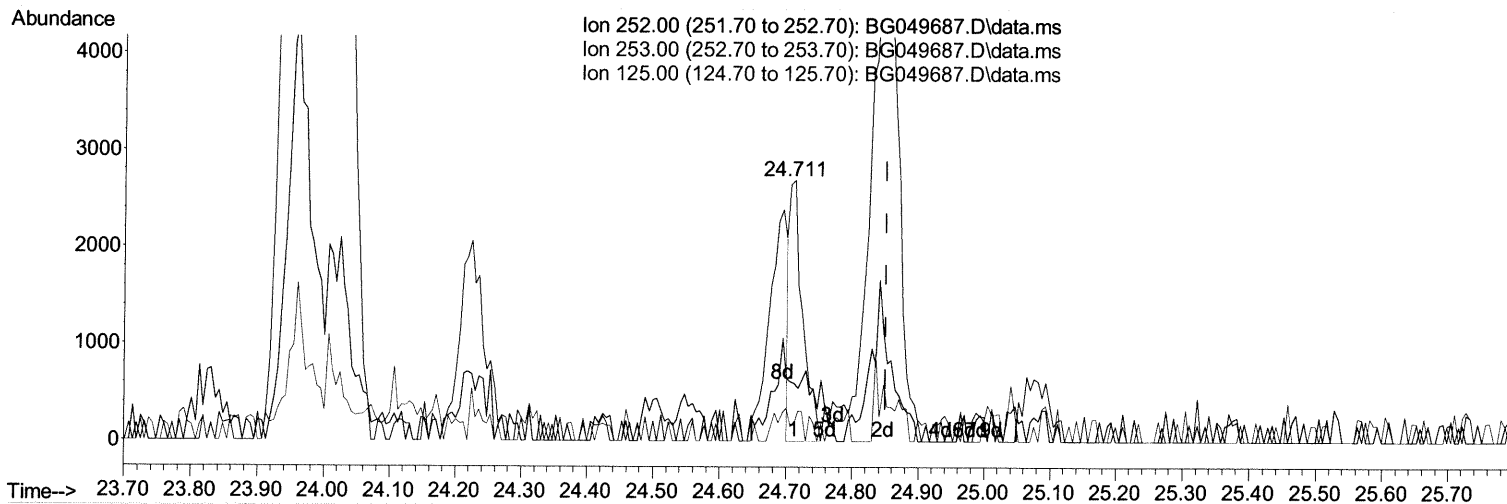
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049687.D
Acq On : 6 Aug 2021 22:35
Operator : CG/JU
Sample : M3124-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BG049687.D\data.ms

(93) Benzo(a)pyrene (C)

24.711min (-0.138) 0.46 ng/ul

response 3701

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.96
125.00	5.80	6.73
0.00	0.00	0.00

Quantitation Report (Qedit)

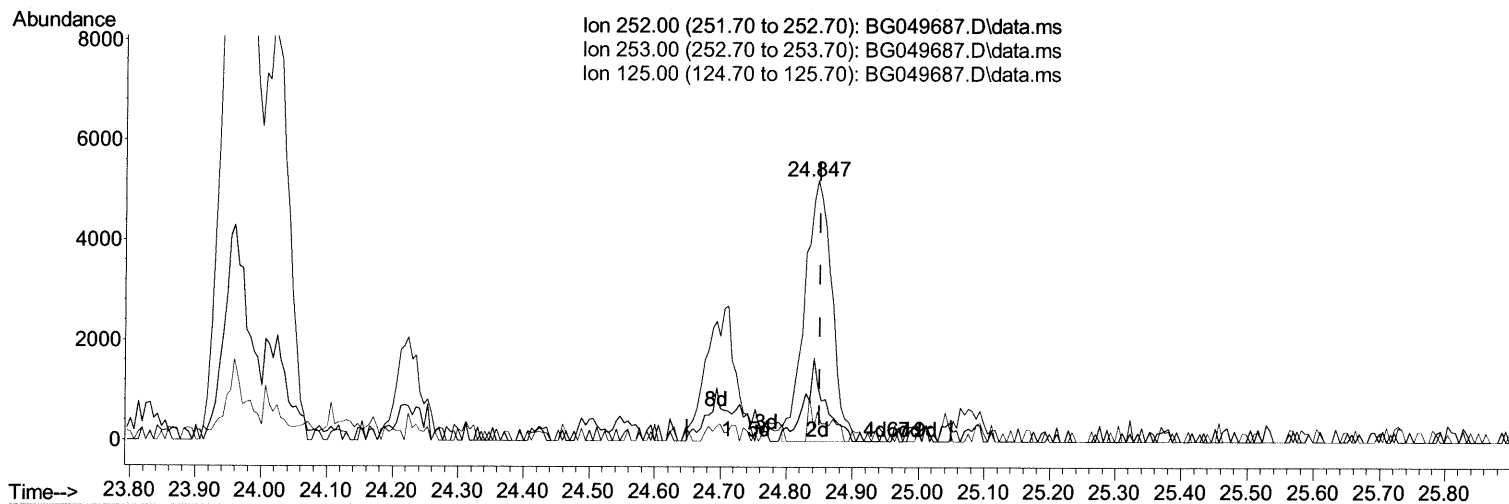
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Data File : BG049687.D
Acq On : 6 Aug 2021 22:35
Operator : CG/JU
Sample : M3124-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0084

Manual Integrations
APPROVED

mohammad
8/9/2021 12:09:42 PM

Quant Time: Aug 06 23:36:46 2021
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QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration



(93) Benzo(a)pyrene (C)

24.847min (-0.003) 1.84 ng/ul m 08/11/21 JU

response 14688

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.44
125.00	5.80	5.59
0.00	0.00	0.00

Quantitation Report (Qedit)

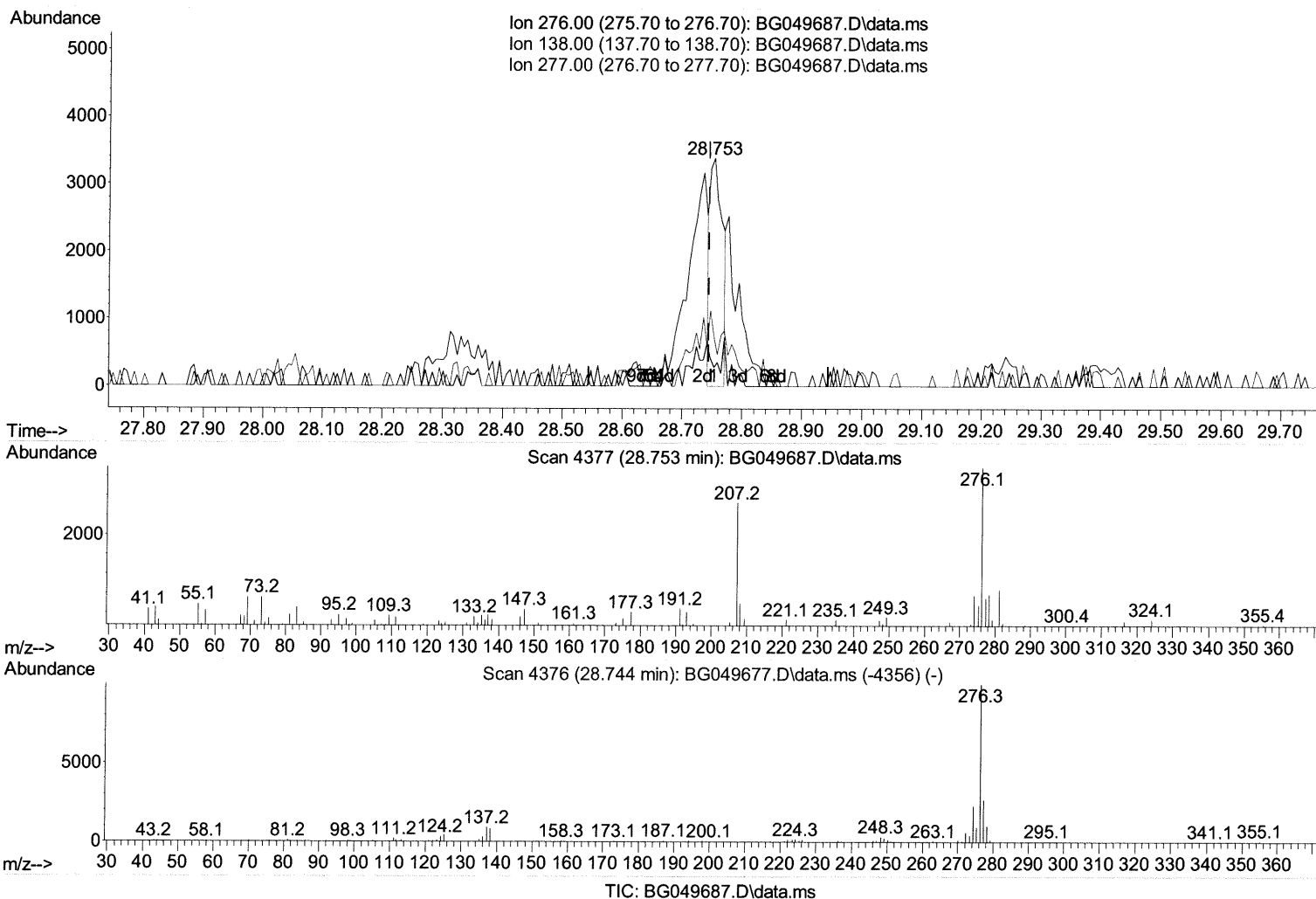
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049687.D
Acq On : 6 Aug 2021 22:35
Operator : CG/JU
Sample : M3124-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

28.753min (+ 0.009) 0.48 ng/ul

response 4986

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	8.07
277.00	24.30	21.28
0.00	0.00	0.00

Quantitation Report (Qedit)

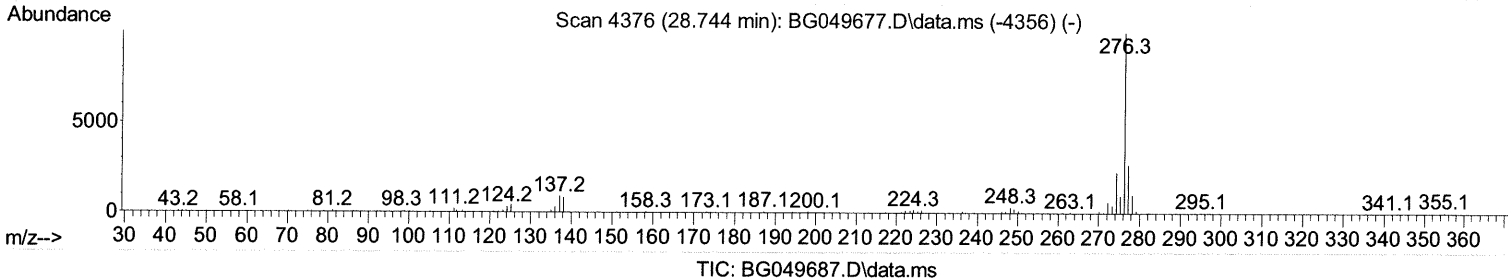
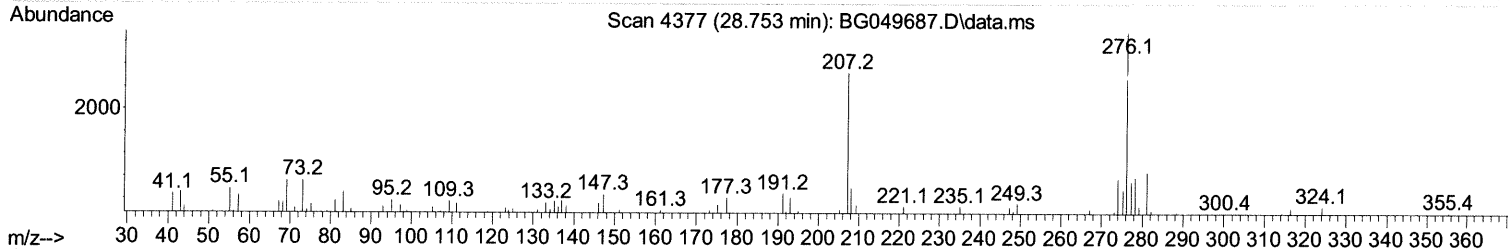
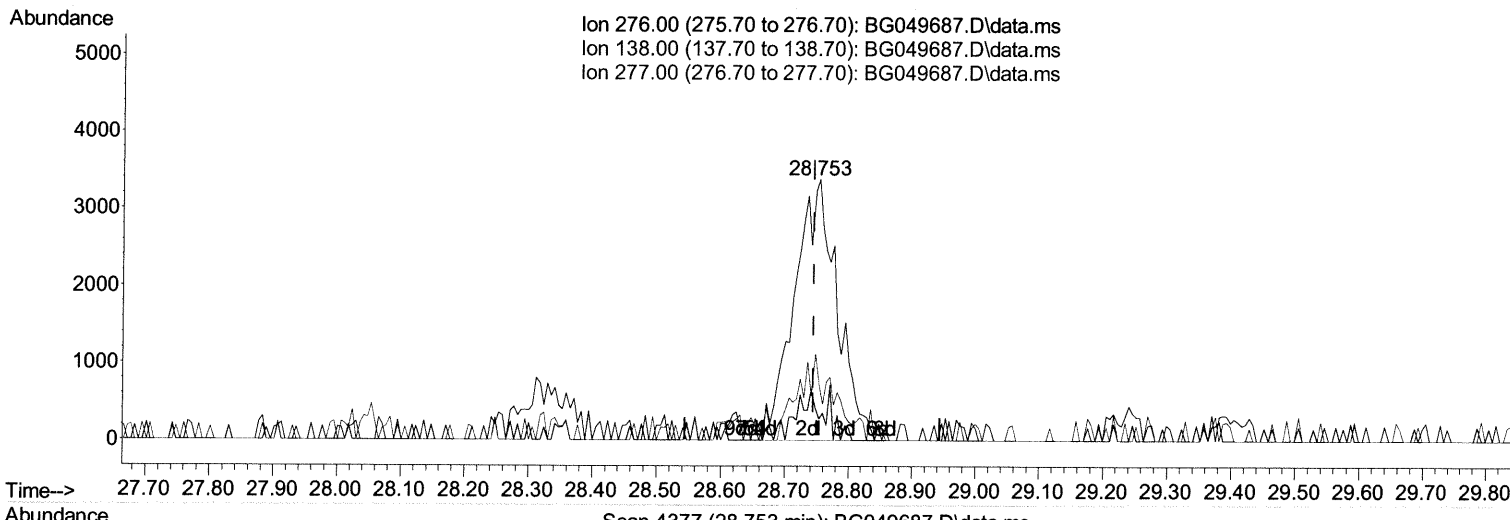
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 ALS Vial : 20 Sample Multiplier: 1

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

28.753min (+ 0.009) 1.50 ng/ul m 08/11/21

response 15756

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	8.07
277.00	24.30	21.28
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	8.046	152	27258	20.000	ng/ul	0.00
20) Naphthalene-d8	10.866	136	113043	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.690	164	73780	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	151198	20.000	ng/ul	0.00
79) Chrysene-d12	21.727	240	130872	20.000	ng/ul	0.00
88) Perylene-d12	25.005	264	138705	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	1462	2.508	ng/uL	0.00
4) Pyridine-d5	3.875	84	6383m	3.648	ng/ul	> 0.03 08/11/21 JU
7) Phenol-d5	7.194	99	54566	22.057	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	32998	23.222	ng/ul	0.00
11) 2-Chlorophenol-d4	7.570	132	42141	23.801	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	30507	16.174	ng/ul	0.00
21) Nitrobenzene-d5	9.215	128	22911	25.729	ng/ul	0.00
24) 2-Nitrophenol-d4	9.937	143	27311	26.856	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	43362	22.614	ng/ul	0.00
31) 4-Chloroaniline-d4	11.001	131	42556	16.212	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166	152938	26.415	ng/ul	0.00
49) Acenaphthylene-d8	14.384	160	174881	25.388	ng/ul	0.00
54) 4-Nitrophenol-d4	14.895	143	18652m	19.925	ng/ul	> 0.00 08/11/21 JU
60) Fluorene-d10	15.683	176	128862	25.892	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	17823	17.514	ng/ul	0.00
73) Anthracene-d10	17.545	188	180432	25.281	ng/ul	0.00
81) Pyrene-d10	19.830	212	178297	24.726	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.776	264	142291	18.722	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.486	178	23028	2.878	ng/ul#	93
80) Fluoranthene	19.495	202	70784	7.954	ng/ul#	97
82) Pyrene	19.859	202	42038	4.736	ng/ul#	97
85) Benzo(a)anthracene	21.704	228	30323	3.529	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.598	149	5111	1.032	ng/ul#	97
87) Chrysene	21.774	228	33638	4.192	ng/ul	99
90) Benzo(b)fluoranthene	23.965	252	49890	5.503	ng/ul#	98
91) Benzo(k)fluoranthene	24.018	252	19309m	2.145	ng/ul	} 08/11/21 JU
93) Benzo(a)pyrene	24.847	252	14688m	1.840	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.753	276	15756m	1.504	ng/ul	

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