

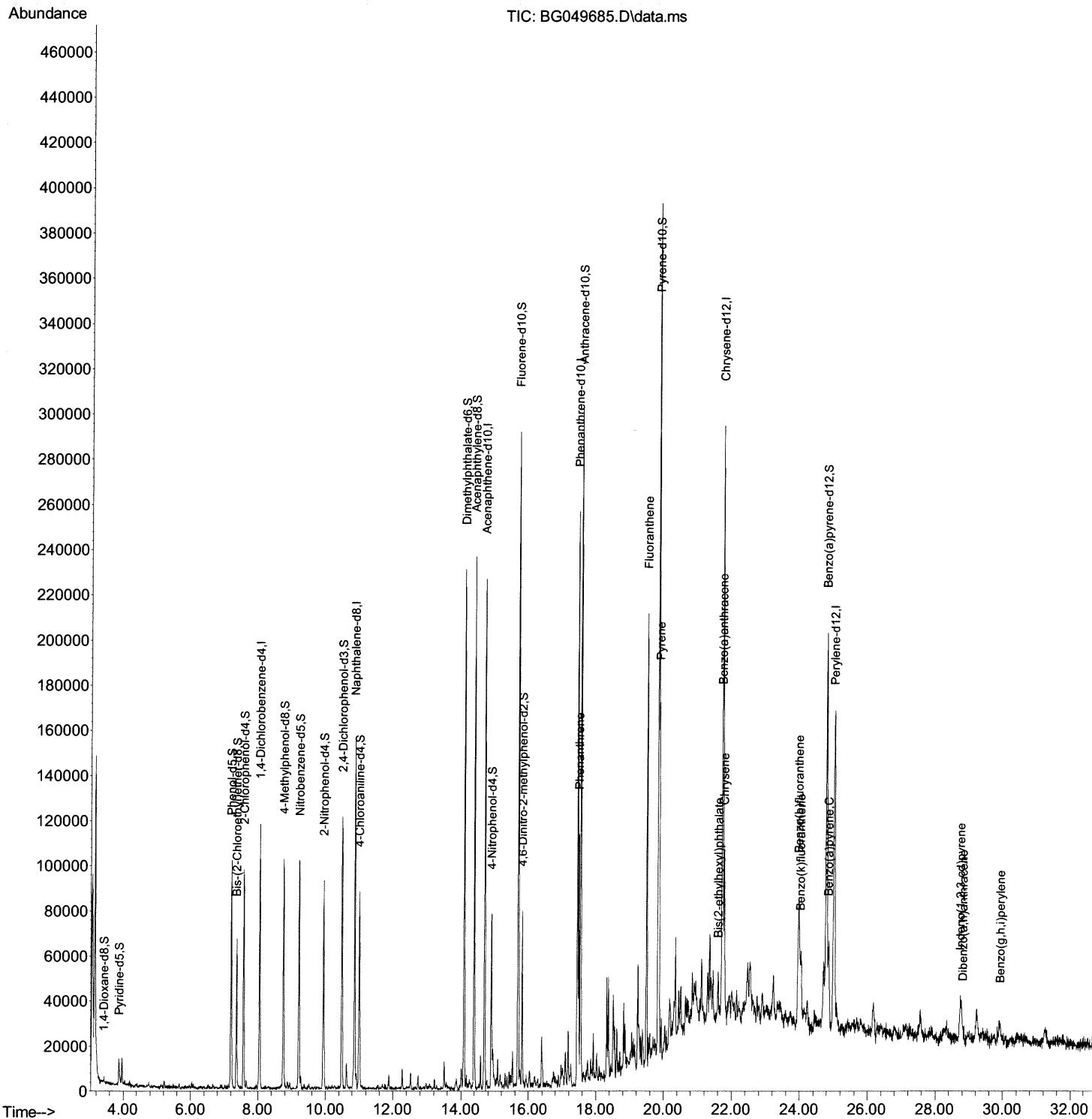
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049685.D
Acq On : 6 Aug 2021 21:13
Operator : CG/JU
Sample : M3124-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00A1

Manual Integrations
APPROVED

mohammad
8/9/2021 12:09:29 PM

Quant Time: Aug 06 23:36:22 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)

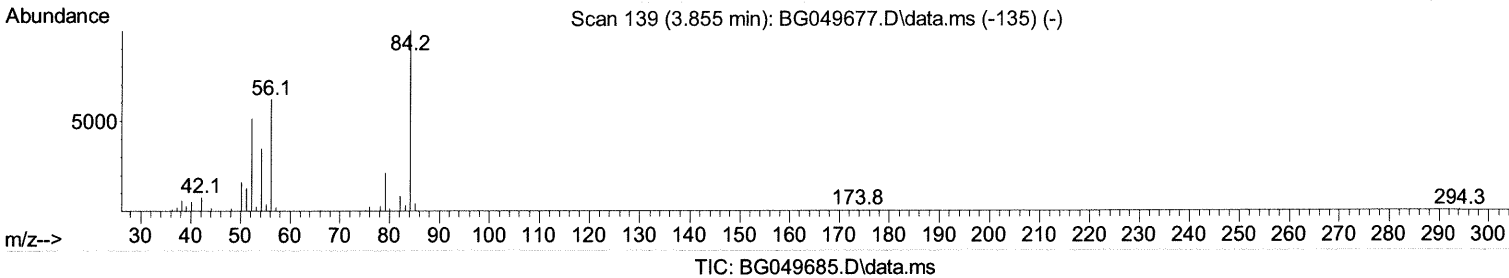
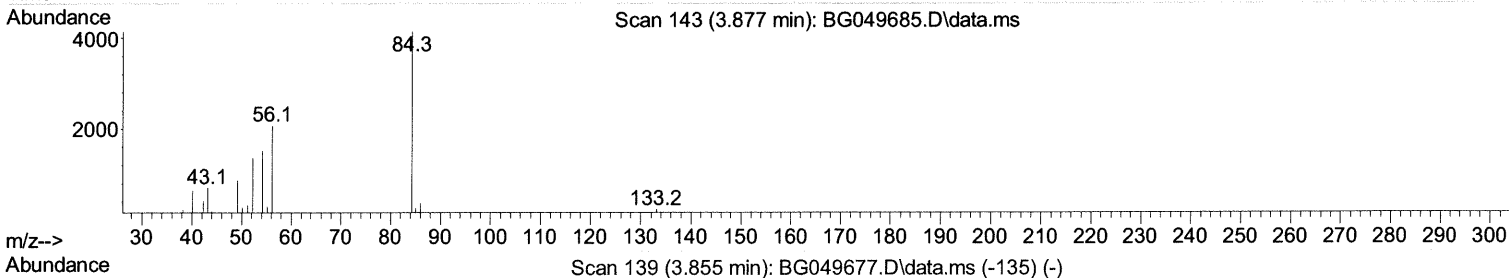
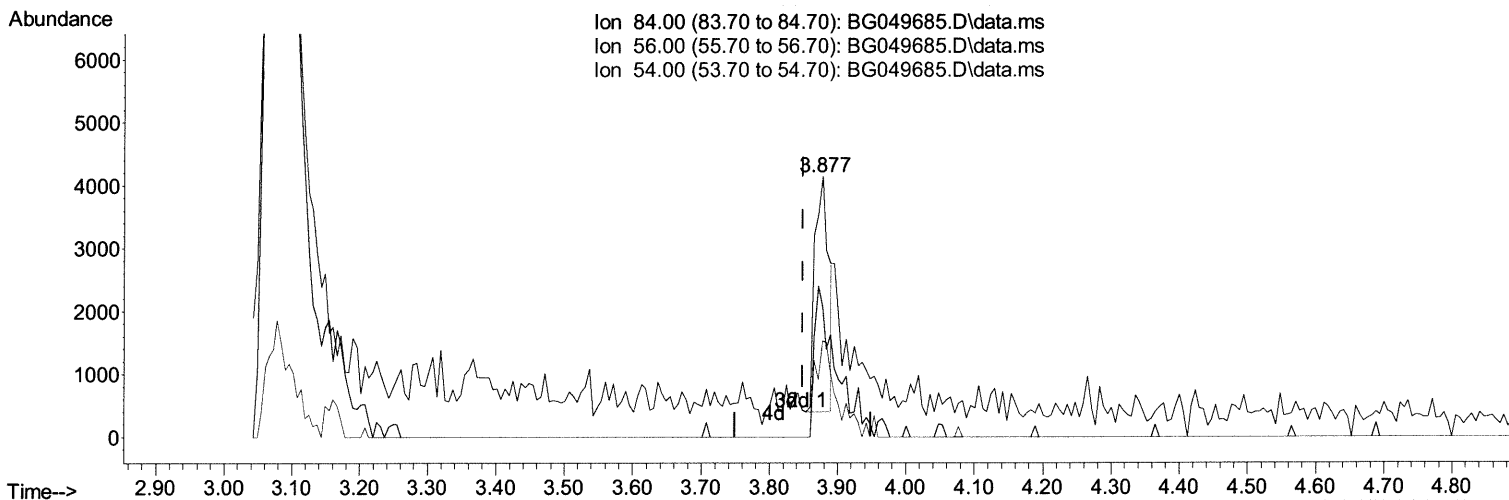
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
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TIC: BG049685.D\data.ms

(4) Pyridine-d5 (S)

3.877min (+ 0.028) 2.60 ng/ul

response 5181

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	49.96
54.00	36.30	36.80
0.00	0.00	0.00

Quantitation Report (Qedit)

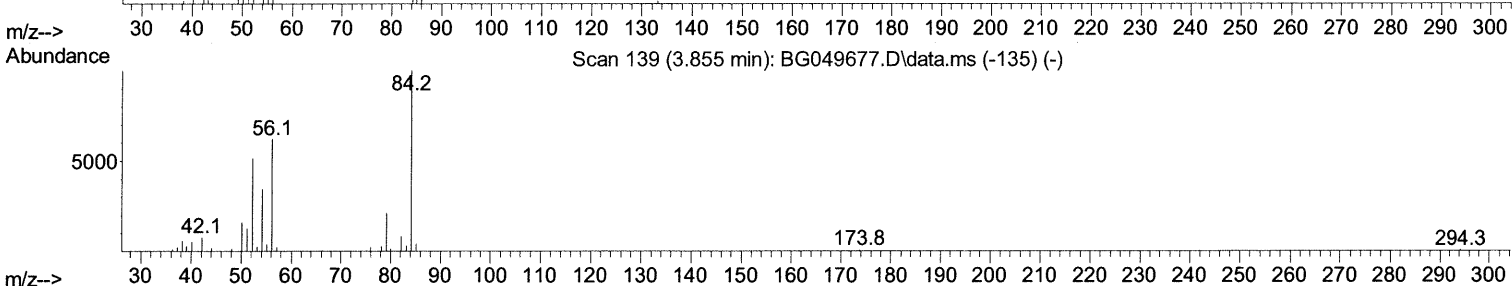
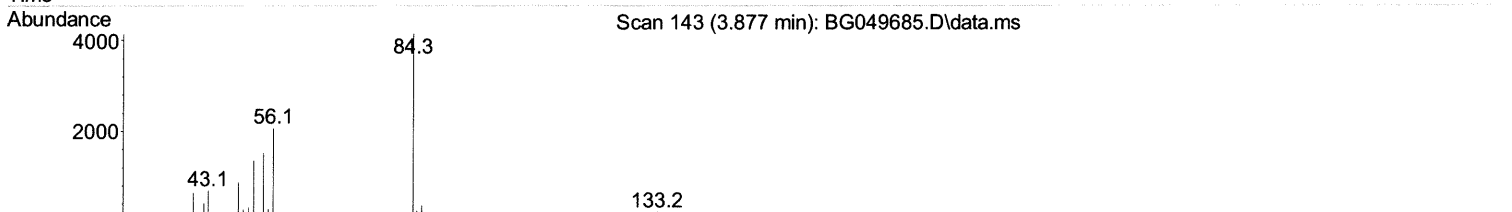
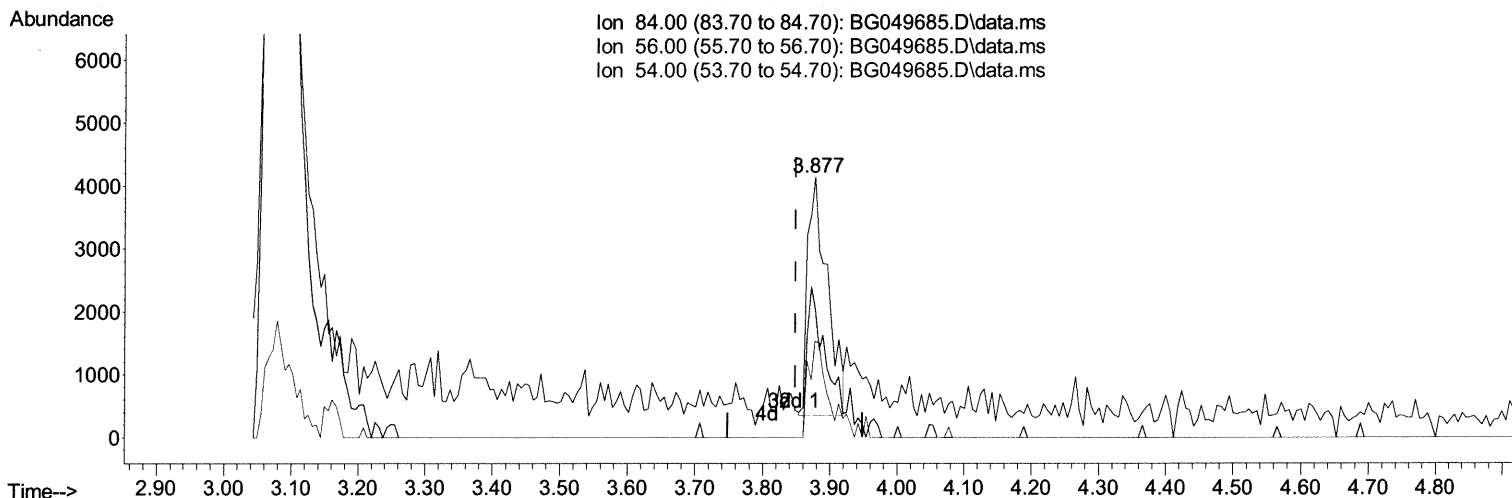
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
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TIC: BG049685.D\data.ms

(4) Pyridine-d5 (S)

3.877min (+ 0.028) 3.85 ng/ul m 08/11/21 JU

response 7662

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	49.96
54.00	36.30	36.80
0.00	0.00	0.00

Quantitation Report (Qedit)

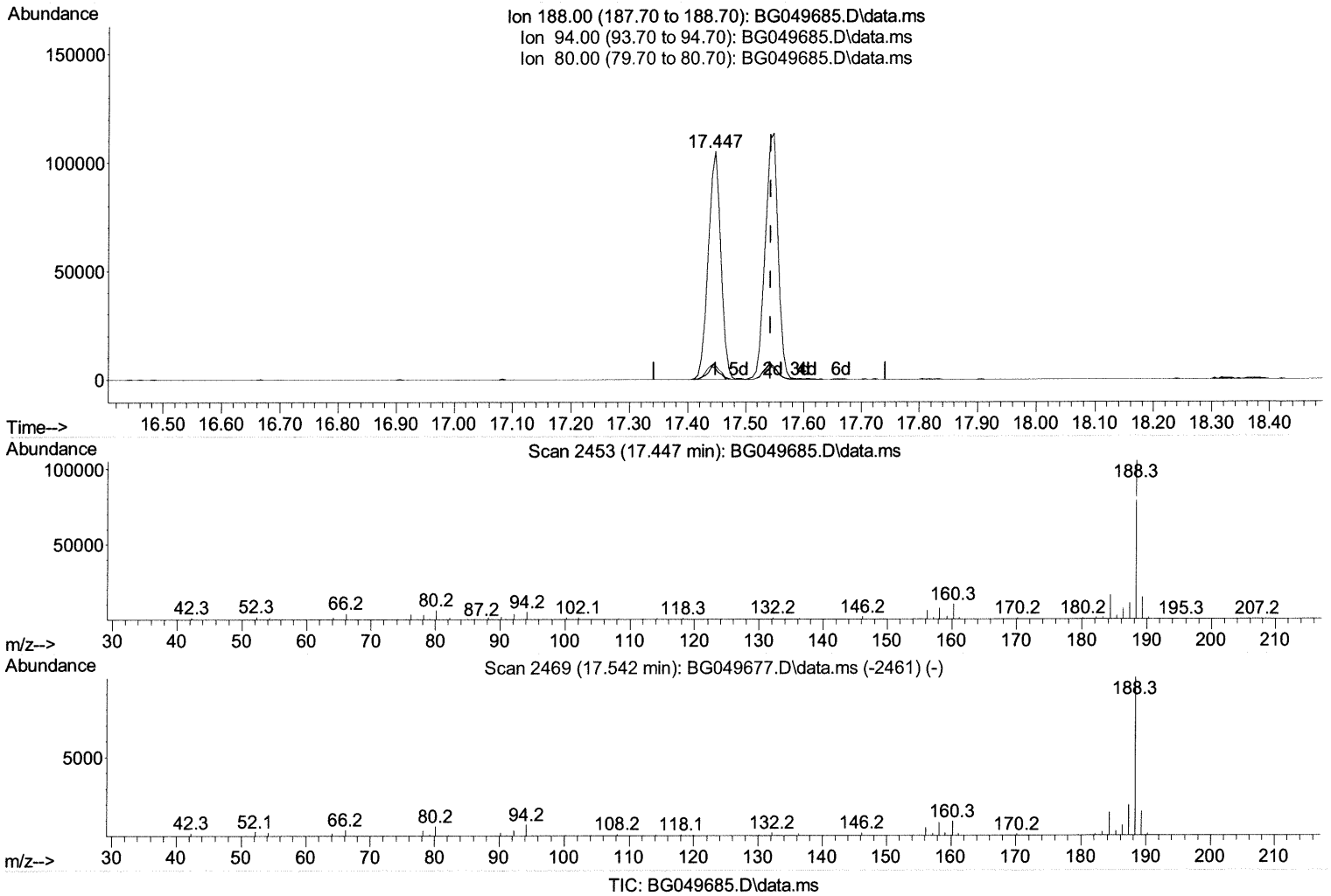
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049685.D
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(73) Anthracene-d10 (S)

17.447min (-0.095) 21.18 ng/ul

response 158111

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	4.82
80.00	6.00	6.20
0.00	0.00	0.00

Quantitation Report (Qedit)

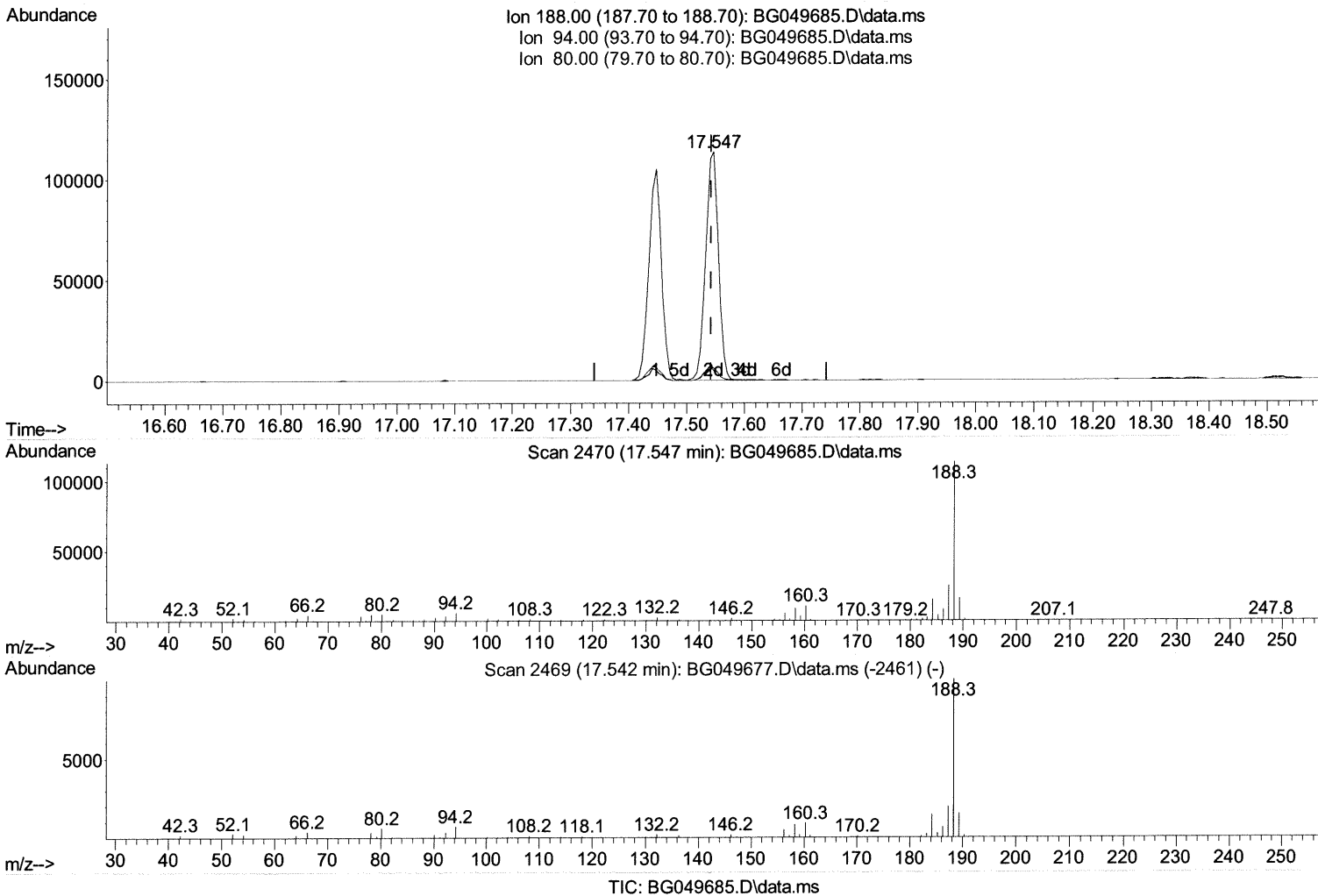
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
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(73) Anthracene-d10 (S)

17.547min (+ 0.005) 23.30 ng/ul m 08/11/21 174

response 173870

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	5.35
80.00	6.00	4.39#
0.00	0.00	0.00

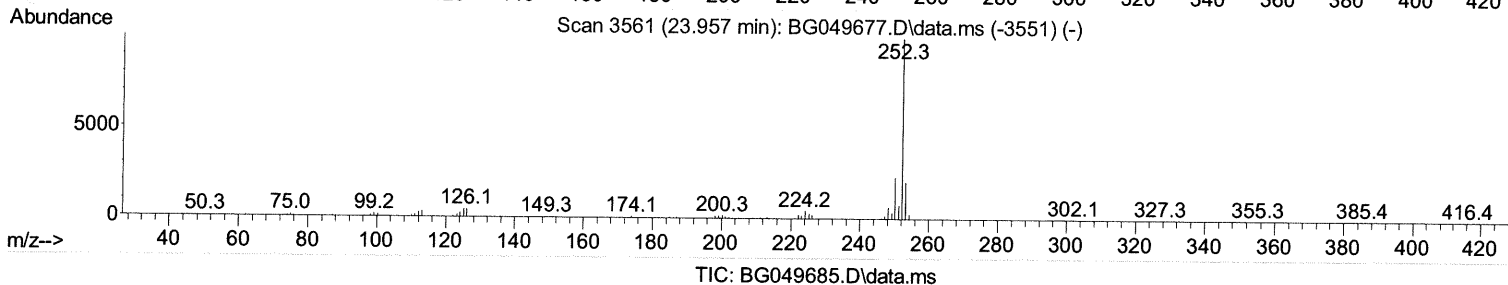
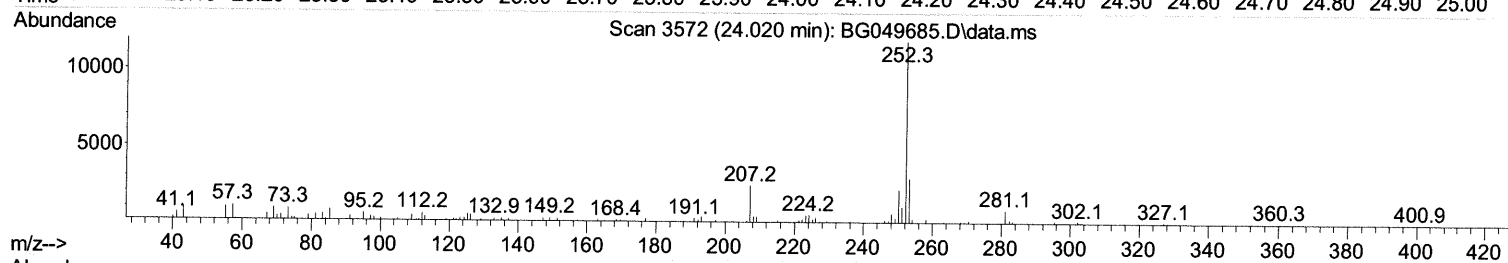
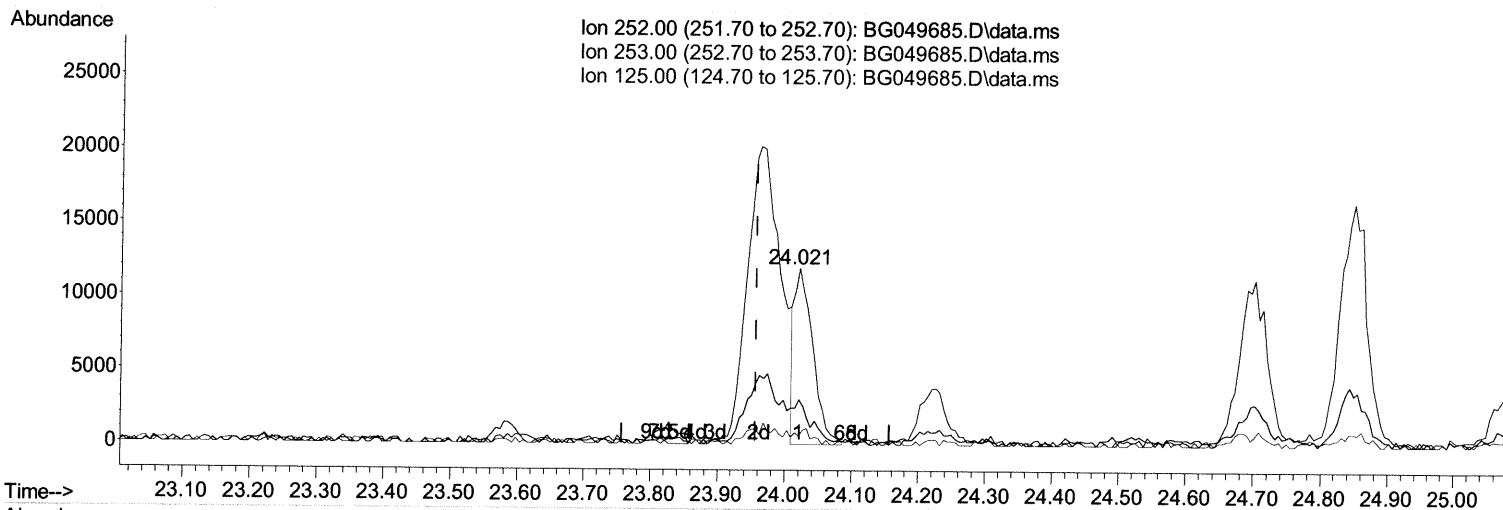
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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(90) Benzo(b)fluoranthene

24.020min (+ 0.064) 2.40 ng/u1

response 22448

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	25.43
125.00	4.60	4.80
0.00	0.00	0.00

Quantitation Report (Qedit)

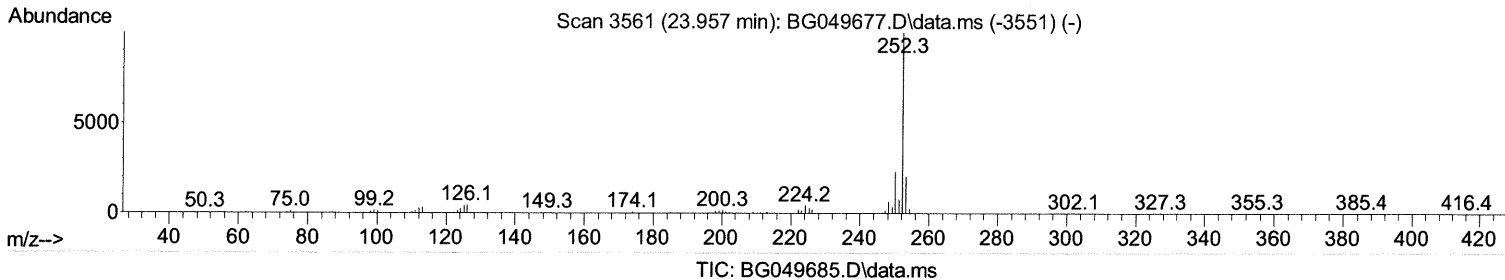
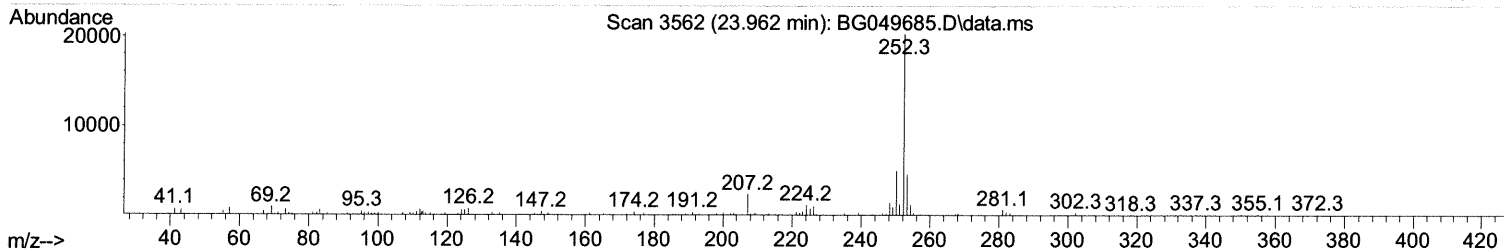
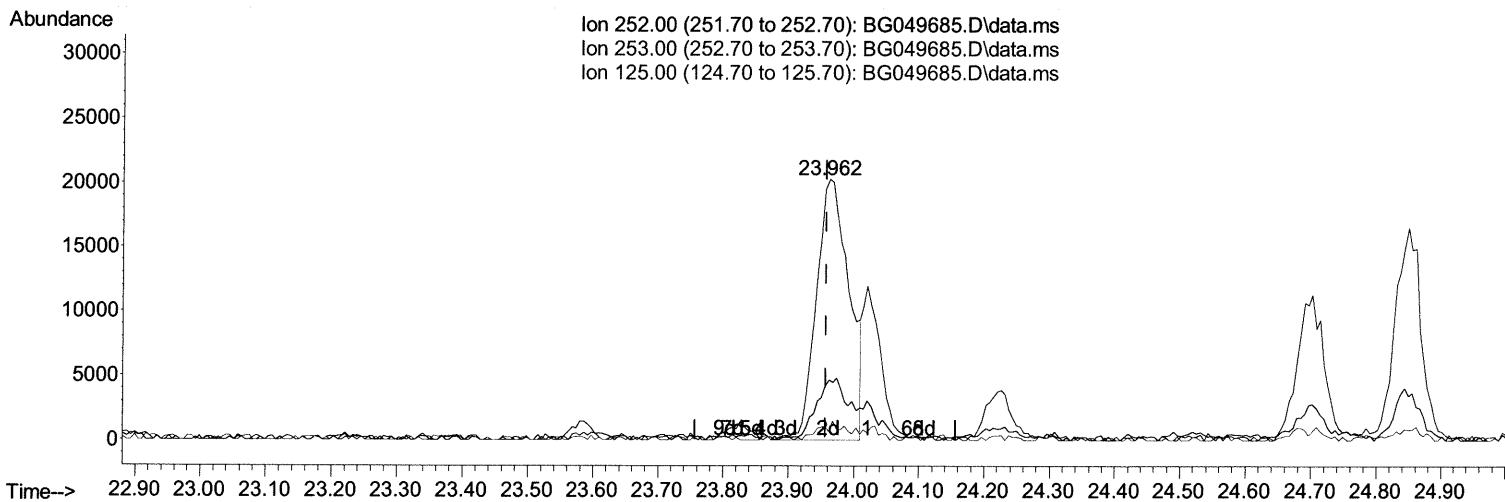
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049685.D
 Acq On : 6 Aug 2021 21:13
 Operator : CG/JU
 Sample : M3124-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00A1

Manual Integrations
 APPROVED

mohammad
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 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



(90) Benzo(b)fluoranthene

23.962min (+ 0.005) 7.49 ng/ul m 08/11/21 JU

response 69994

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.05
125.00	4.60	3.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

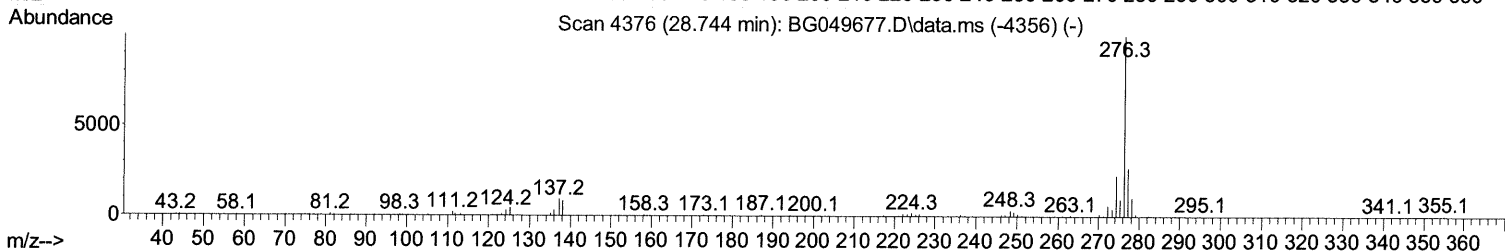
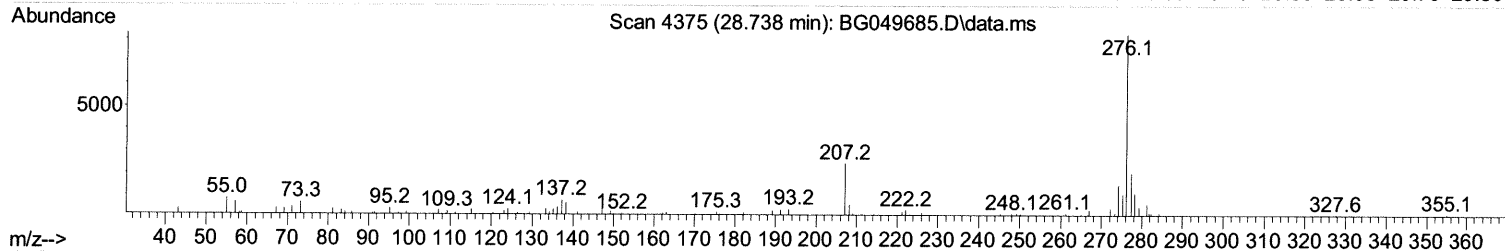
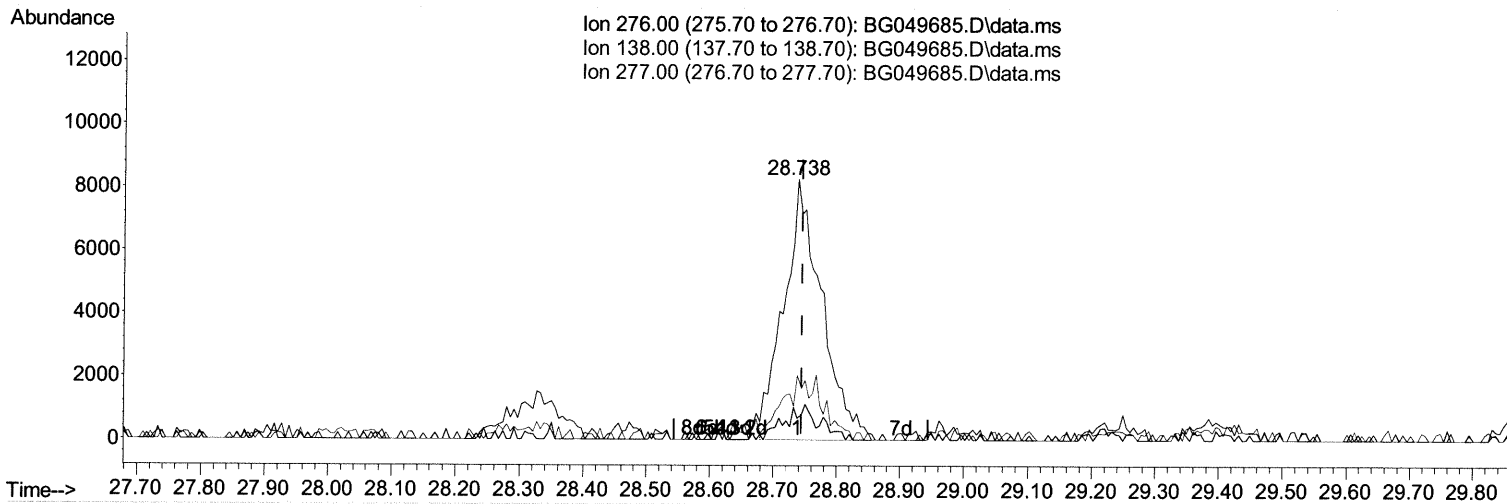
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Sample : M3124-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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TIC: BG049685.D\data.ms

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

28.738min (-0.007) 3.15 ng/ul

response 34059

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	8.11
277.00	24.30	24.72
0.00	0.00	0.00

Quantitation Report (Qedit)

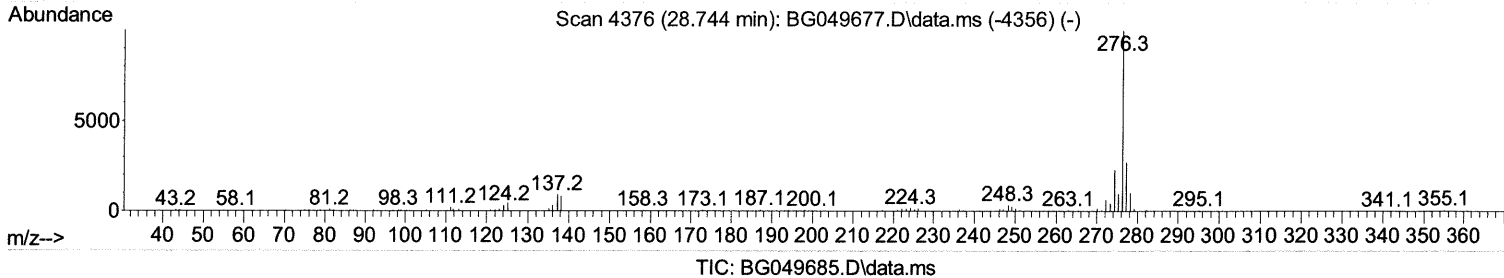
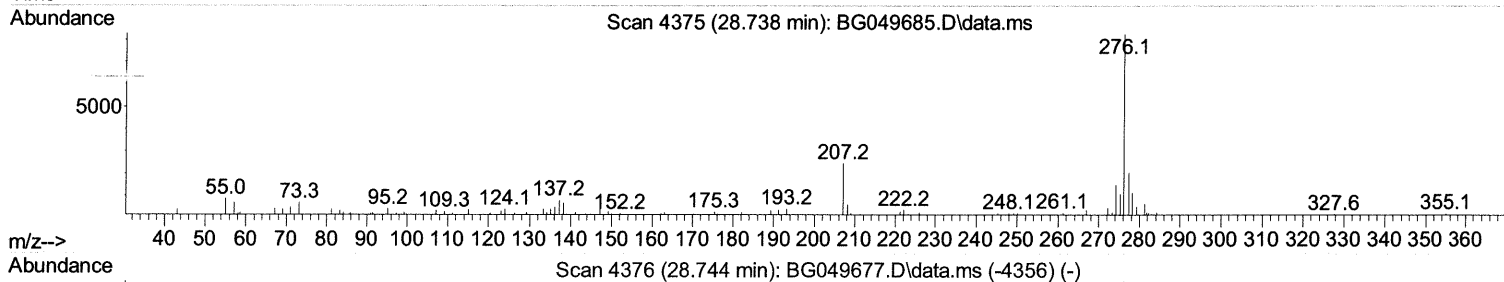
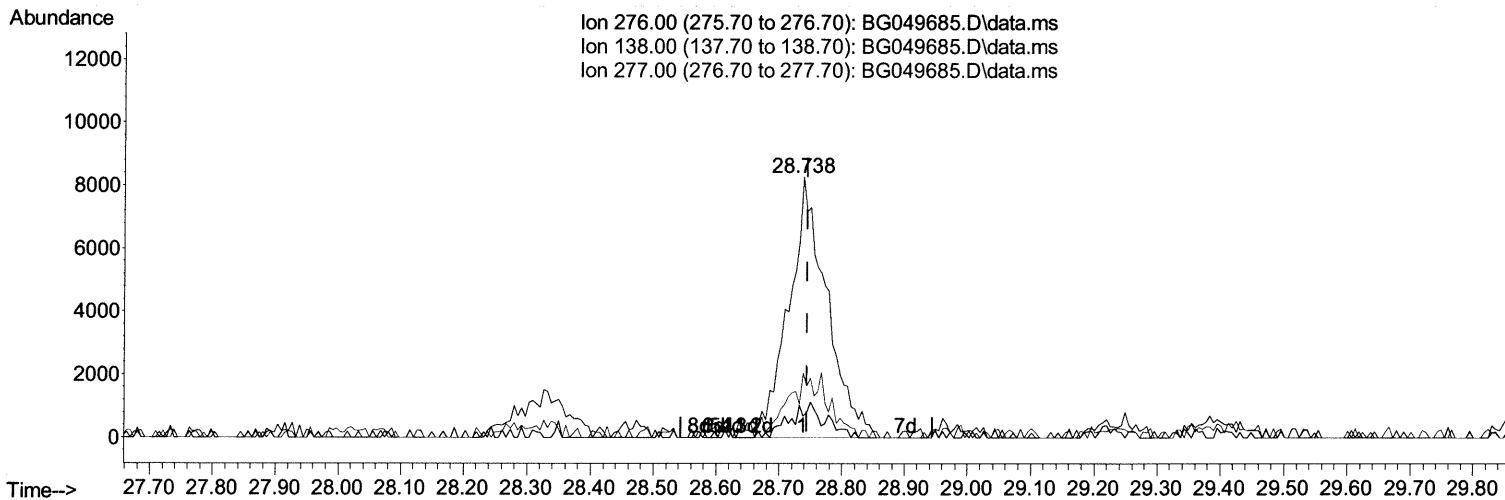
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049685.D
Acq On : 6 Aug 2021 21:13
Operator : CG/JU
Sample : M3124-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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Response via : Initial Calibration



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

28.738min (-0.007) 3.21 ng/ul m 08/11/21 JU

response 34696

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	8.30	8.11
277.00	24.30	24.72
0.00	0.00	0.00

Quantitation Report (Qedit)

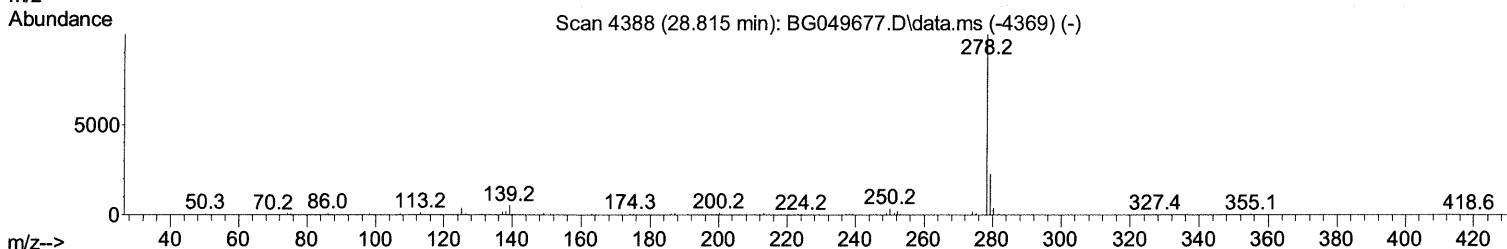
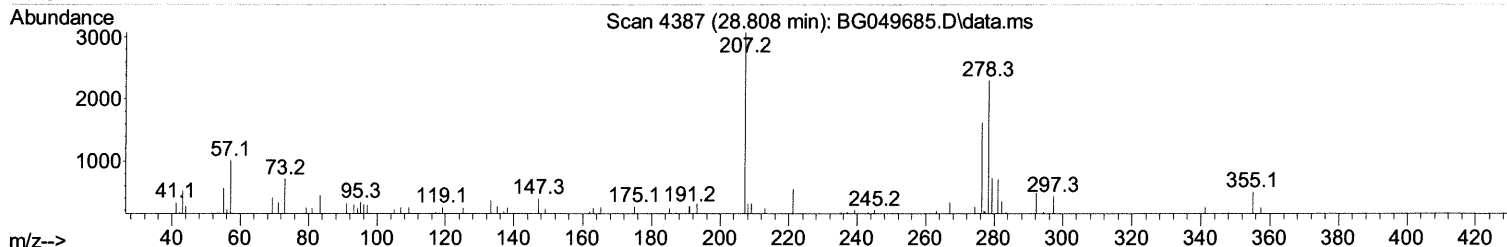
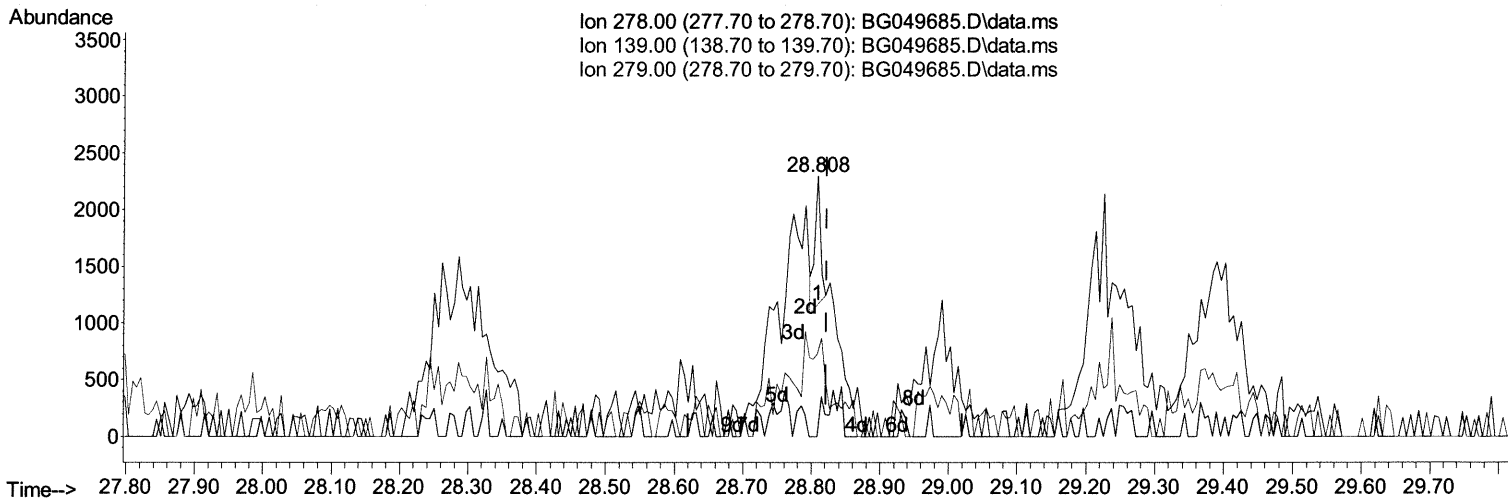
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Sample : M3124-21
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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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mohammad
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TIC: BG049685.D\data.ms

(95) Dibenzo(a,h)anthracene

28.808min (-0.013) 0.07 ng/ul

response 647

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	0.00#
279.00	23.60	31.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

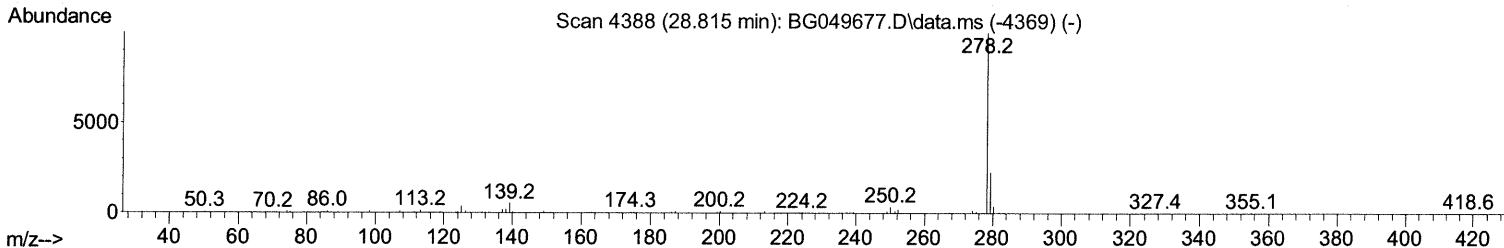
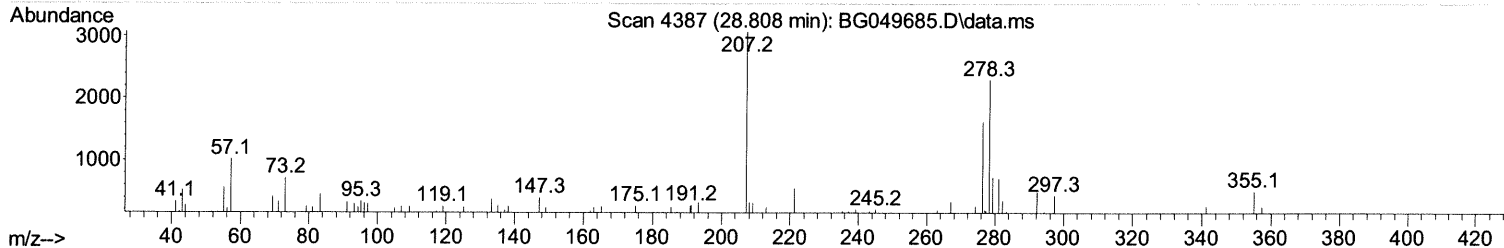
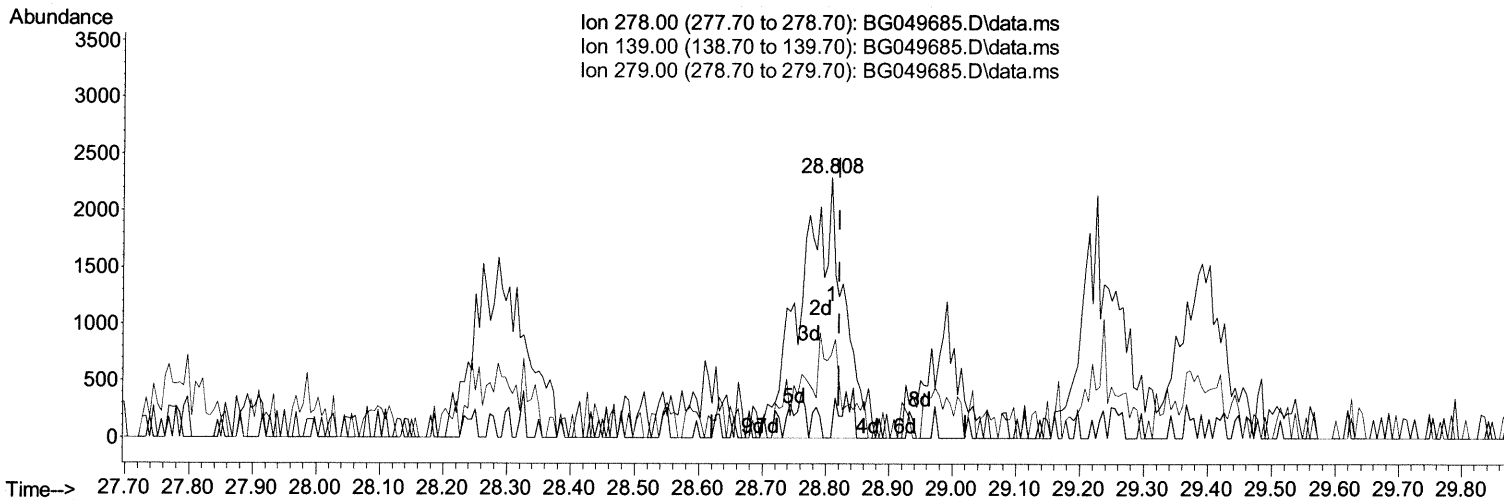
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049685.D
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 Operator : CG/JU
 Sample : M3124-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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TIC: BG049685.D\data.ms

(95) Dibenzo(a,h)anthracene

28.808min (-0.013) 1.20 ng/ul m *CG/JU*

response 10827

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	0.00#
279.00	23.60	31.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

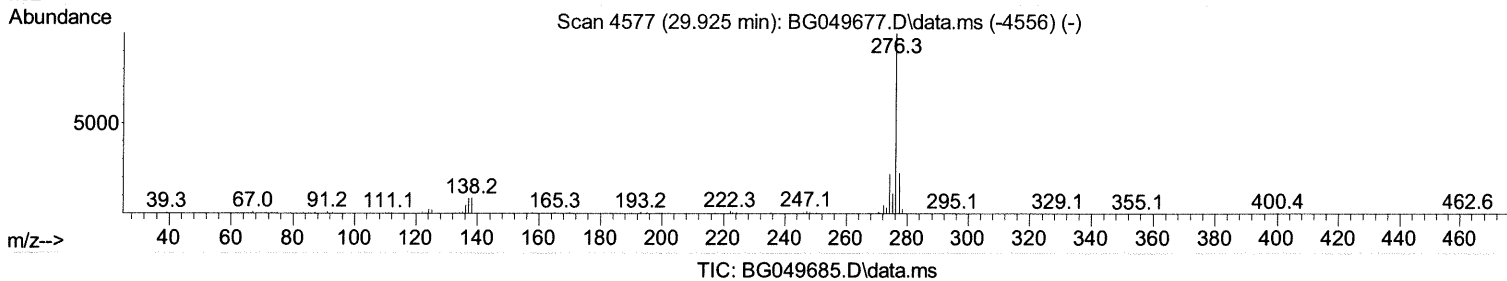
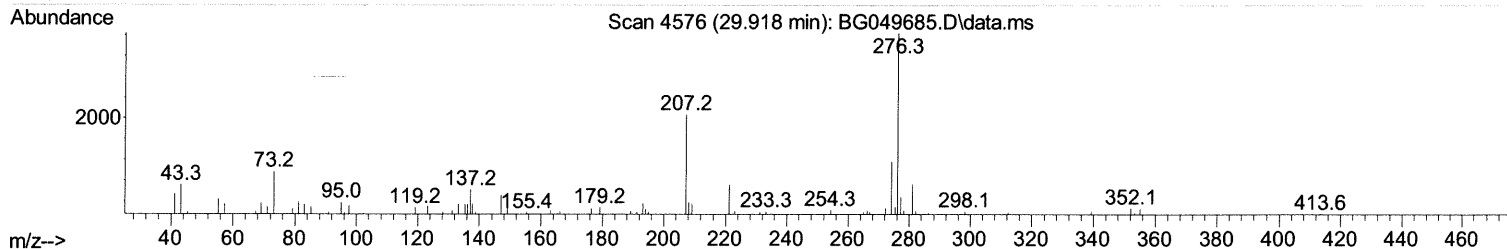
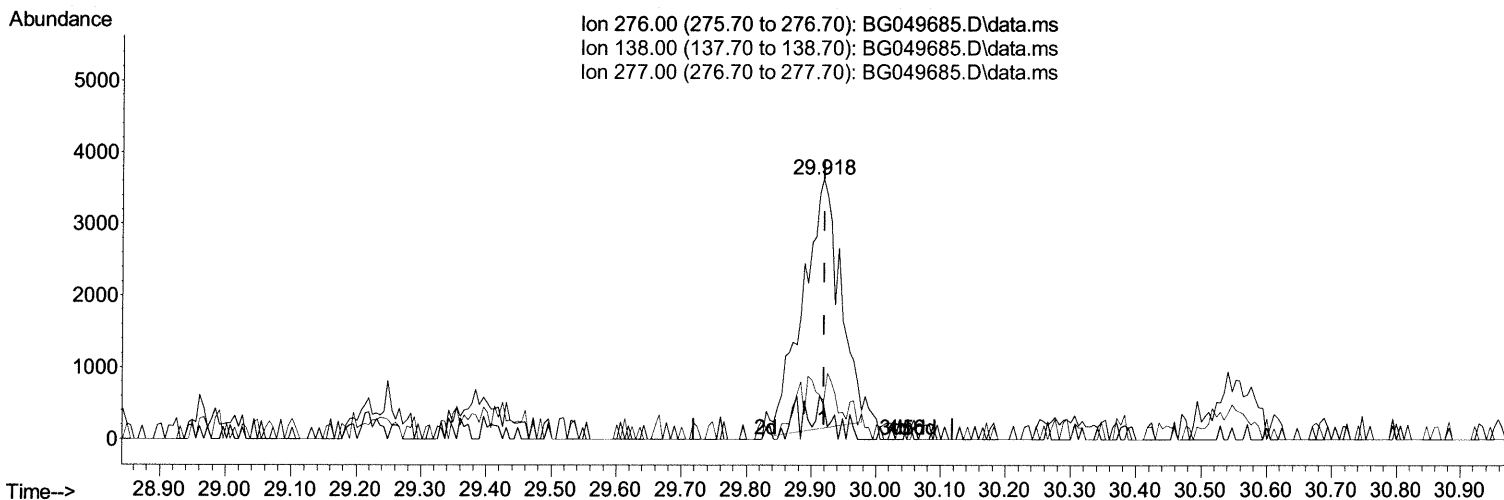
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(96) Benzo(g,h,i)perylene

29.918min (-0.001) 1.54 ng/ul

response 13865

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	14.91#
277.00	24.40	13.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

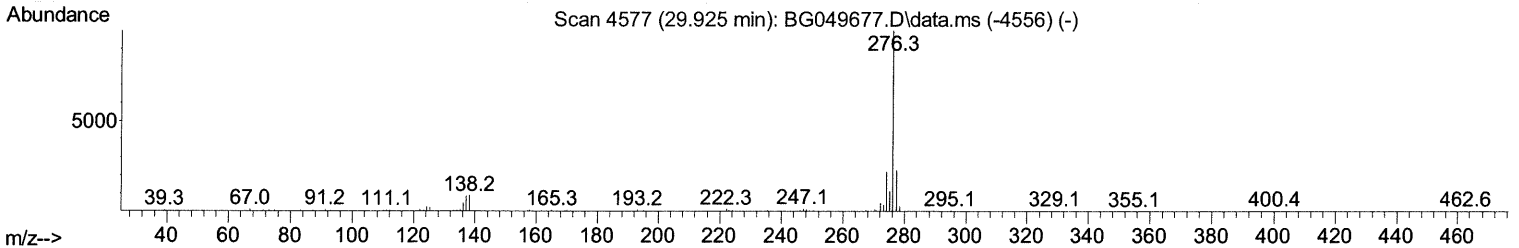
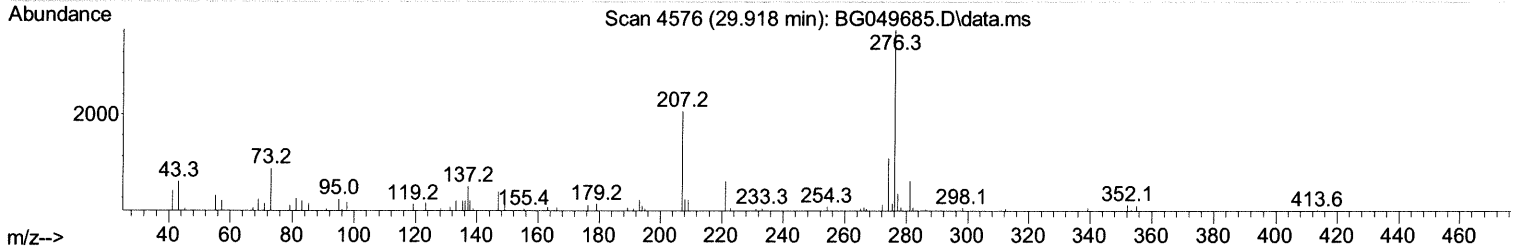
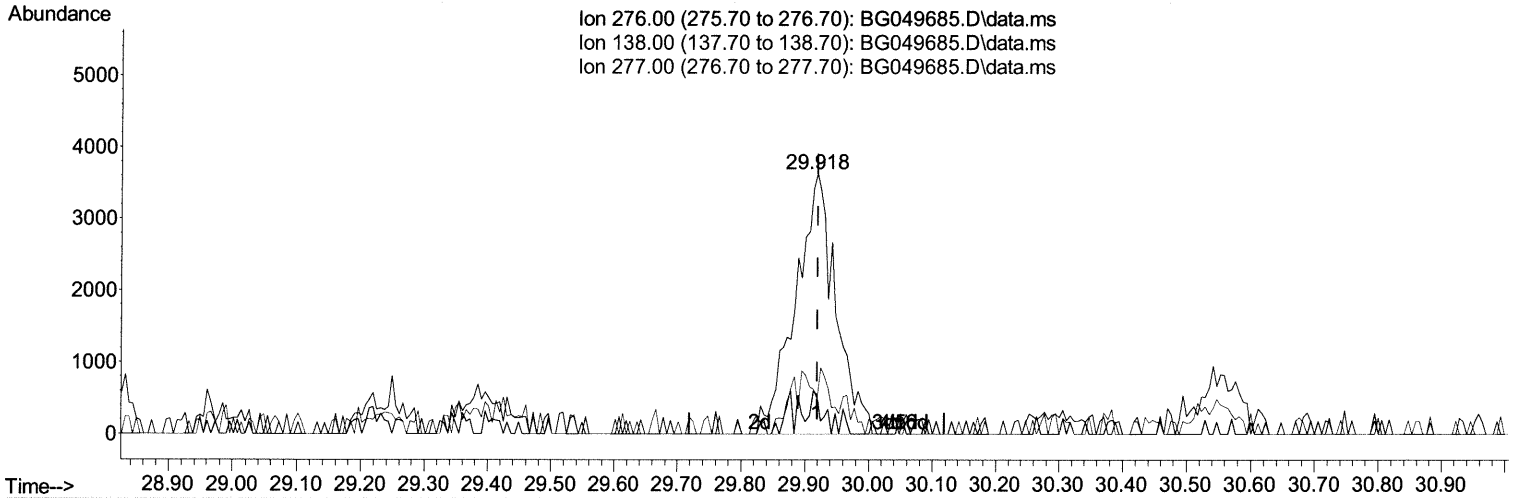
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Instrument :
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TIC: BG049685.D\data.ms

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

29.918min (-0.001) 1.77 ng/ul m 08/11/21

response 15900

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.00	9.55
277.00	24.40	13.37#
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	8.042	152	31019	20.000	ng/ul	0.00
20) Naphthalene-d8	10.862	136	122893	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	80401	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	158111	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	138407	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	143030	20.000	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.437	96	985	1.485	ng/ul	0.01
4) Pyridine-d5	3.877	84	7662m	3.848	ng/ul	0.0308/11/12/21
7) Phenol-d5	7.202	99	53594	19.038	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	31548	19.510	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	39206	19.458	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	37871	17.643	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	21776	22.495	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	25920	23.445	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	43578	20.905	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	44406	15.560	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	141590	22.441	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	162966	21.710	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	16815	16.483	ng/ul	0.01
60) Fluorene-d10	15.685	176	118890	21.921	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	15669	14.724	ng/ul	0.00
73) Anthracene-d10	17.547	188	173870m	23.296	ng/ul	0.0008/11/12/21
81) Pyrene-d10	19.832	212	189514	24.851	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.778	264	186894	23.847	ng/ul	0.00

Target Compounds

					Qvalue
72) Phenanthrene	17.488	178	64525	7.710	ng/ul 98
80) Fluoranthene	19.497	202	114934	12.212	ng/ul 99
82) Pyrene	19.861	202	96066	10.234	ng/ul# 97
85) Benzo(a)anthracene	21.706	228	53065	5.840	ng/ul 97
86) Bis(2-ethylhexyl)phtha...	21.606	149	6507	1.242	ng/ul# 89
87) Chrysene	21.771	228	56496	6.657	ng/ul 96
90) Benzo(b)fluoranthene	23.962	252	69994m	7.487	ng/ul 08/11/12/21
91) Benzo(k)fluoranthene	24.020	252	22448	2.418	ng/ul 95
93) Benzo(a)pyrene	24.849	252	44885	5.454	ng/ul 97
94) Indeno(1,2,3-cd)pyrene	28.738	276	34696m	3.213	ng/ul
95) Dibenzo(a,h)anthracene	28.808	278	10827m	1.202	ng/ul 08/11/12/21
96) Benzo(g,h,i)perylene	29.918	276	15900m	1.770	ng/ul

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