

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051365.D
 Acq On : 7 Dec 2021 1:16
 Operator : CG/JU
 Sample : M4833-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

BNA_G

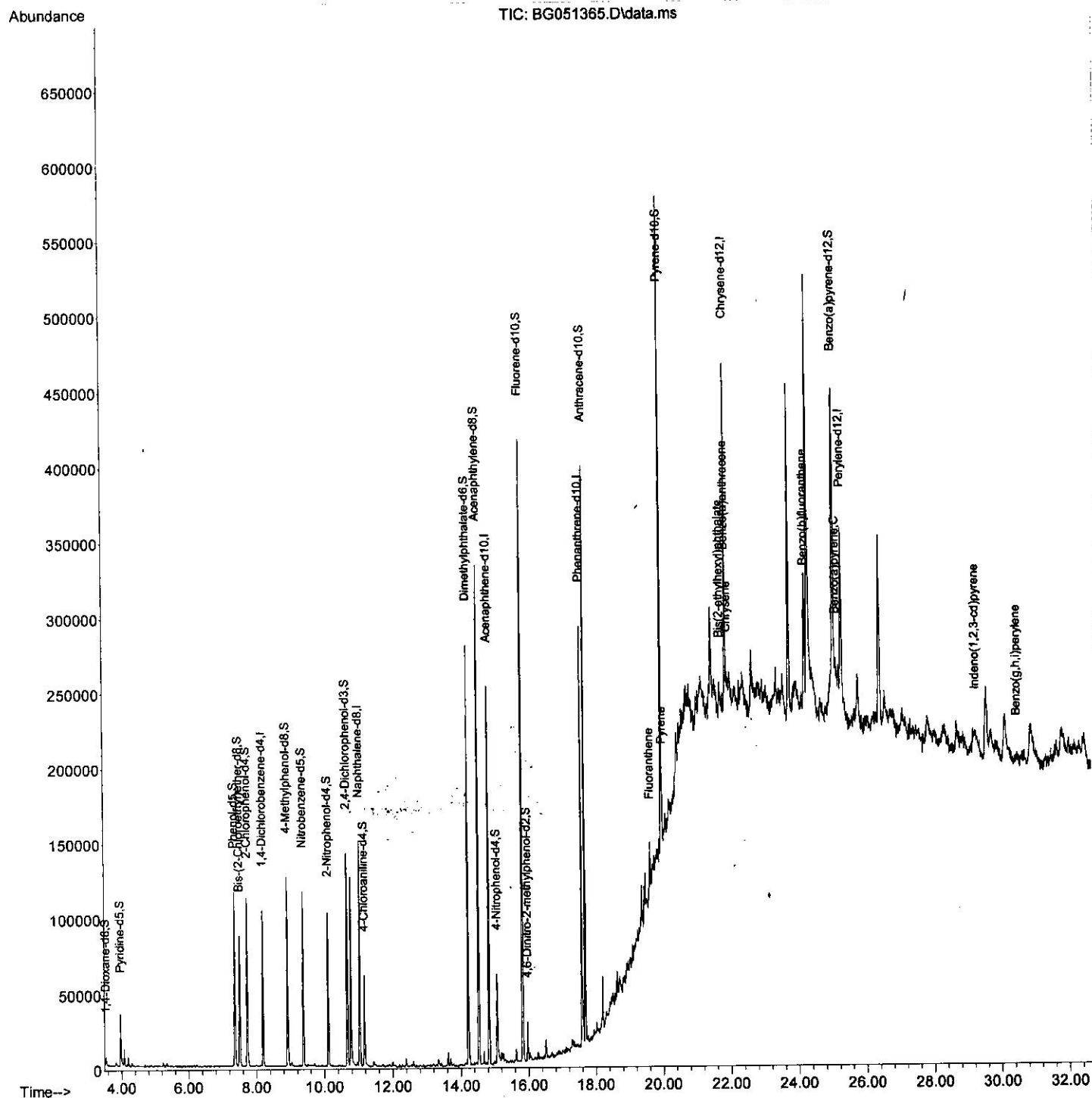
Client Sampled :

ESQN2

Manual Integrations APPROVED

Quant Time: Dec 07 01:53:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

Reviewed By : Jagrut Upadhyay 12/07/2021
 Supervised By : mohammad ahmed 12/07/2021



Quantitation Report (Qedit)

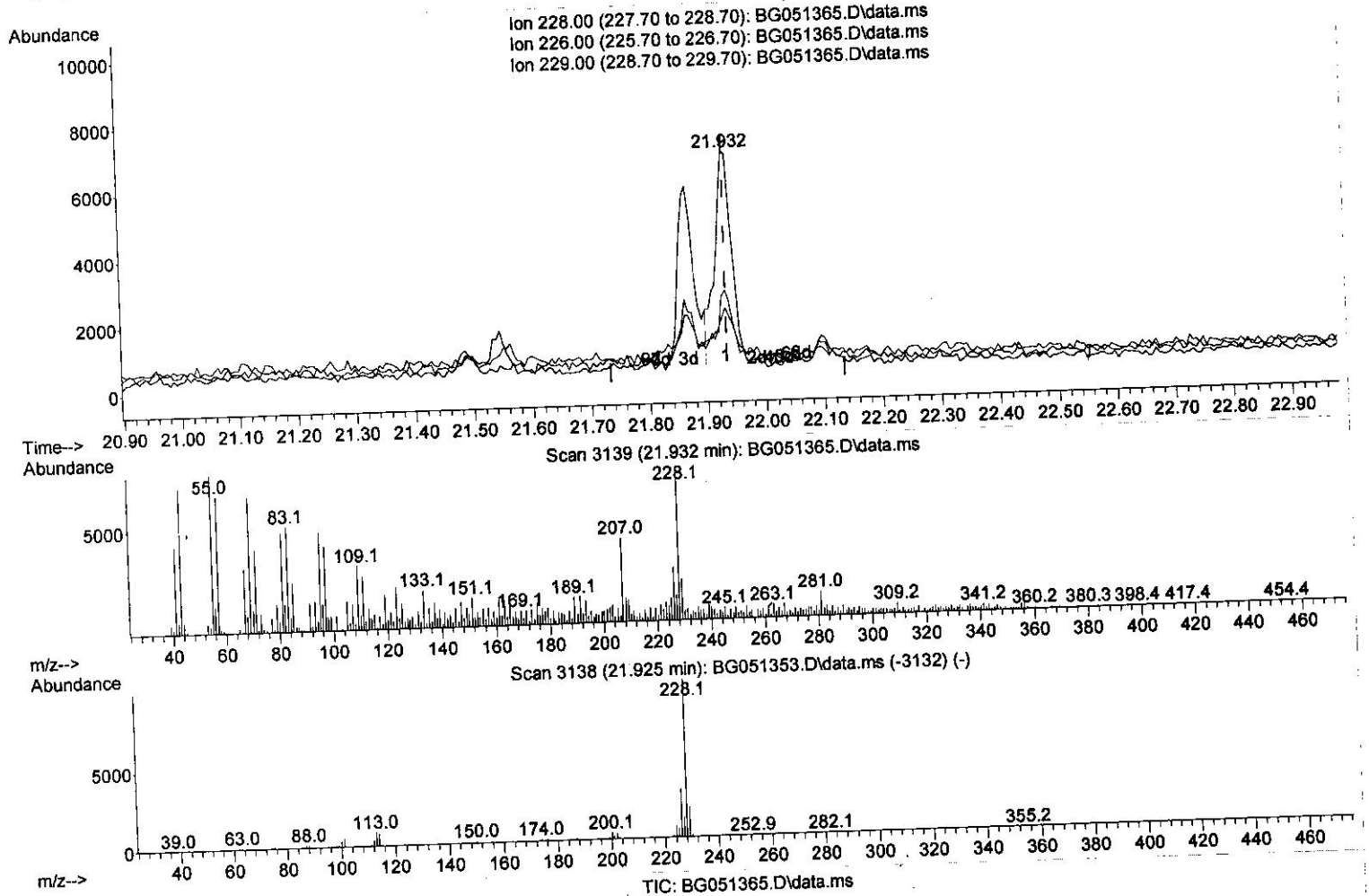
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(87) Chrysene

21.932min (-0.002) 1.46 ng/ul

response 12886

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.00	38.98#
229.00	19.70	31.17#
0.00	0.00	0.00

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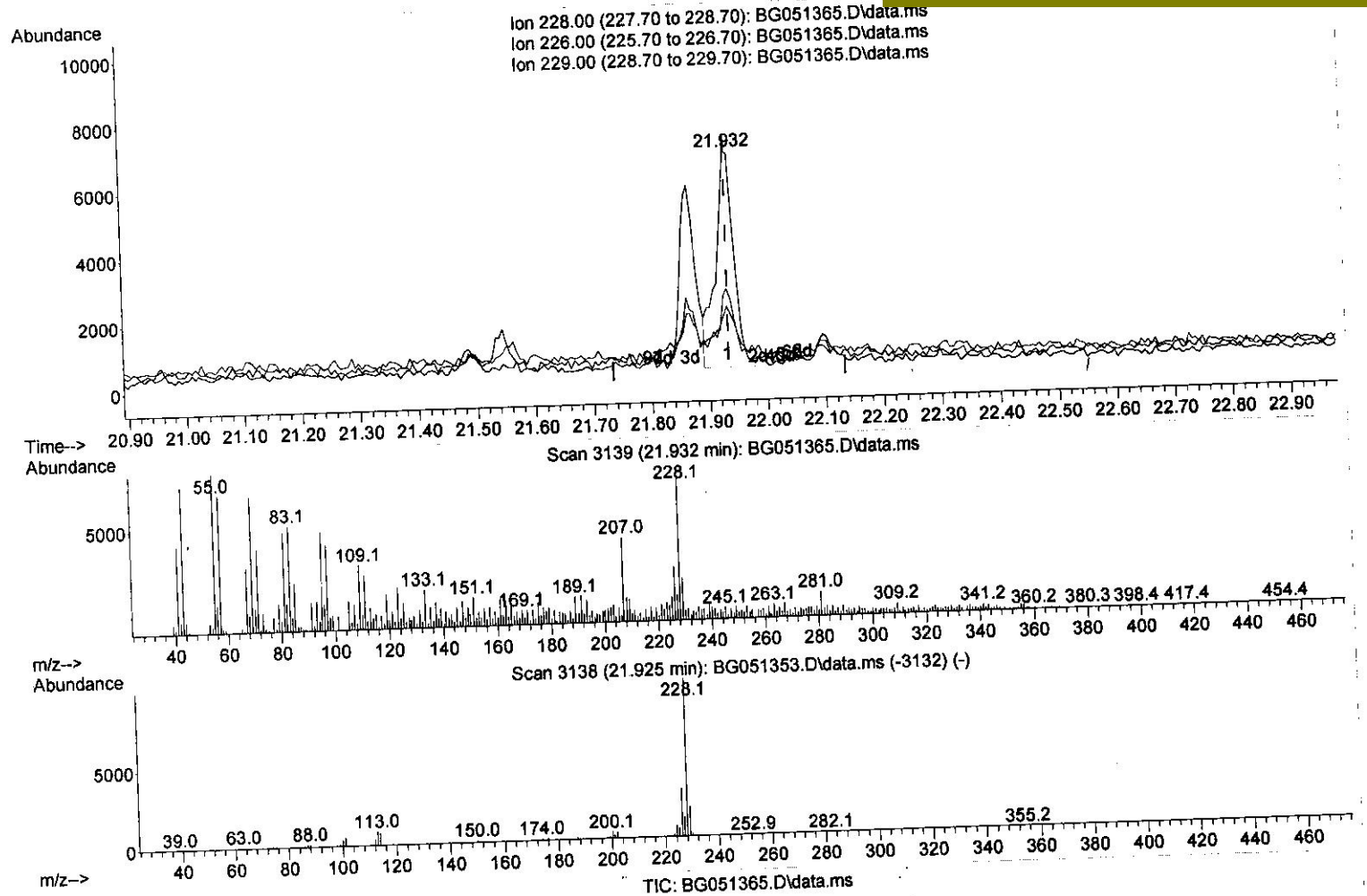
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(87) Chrysene

21.932min (-0.002) 1.60 ng/ul m 12/7/21

response 14064

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.00	38.98#
229.00	19.70	31.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

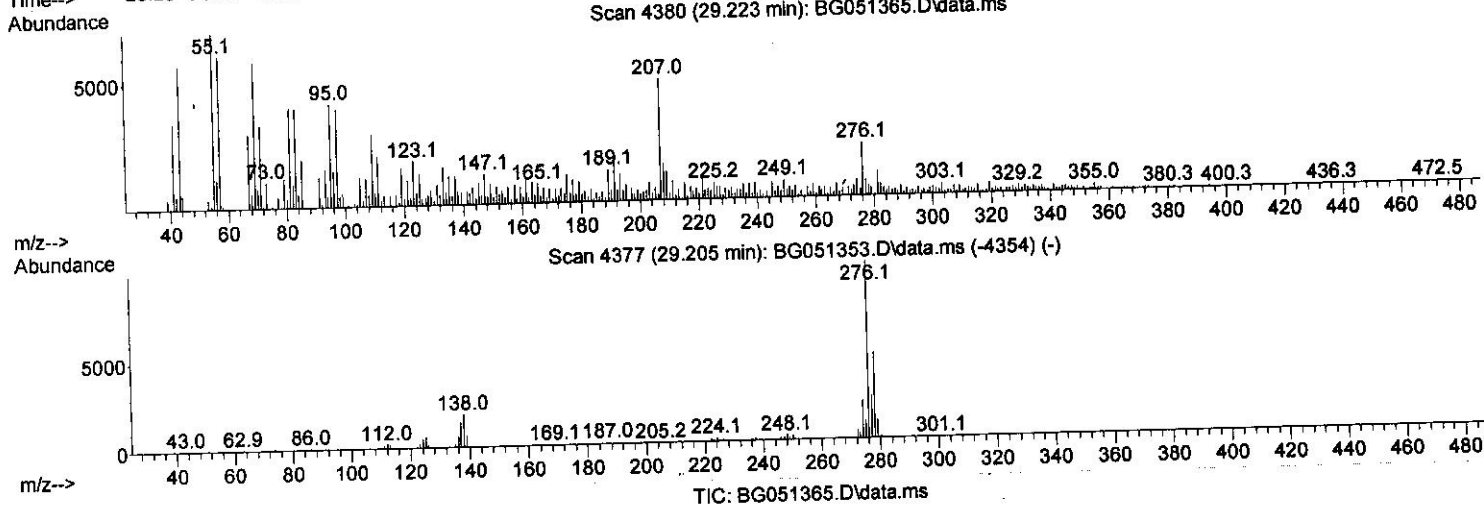
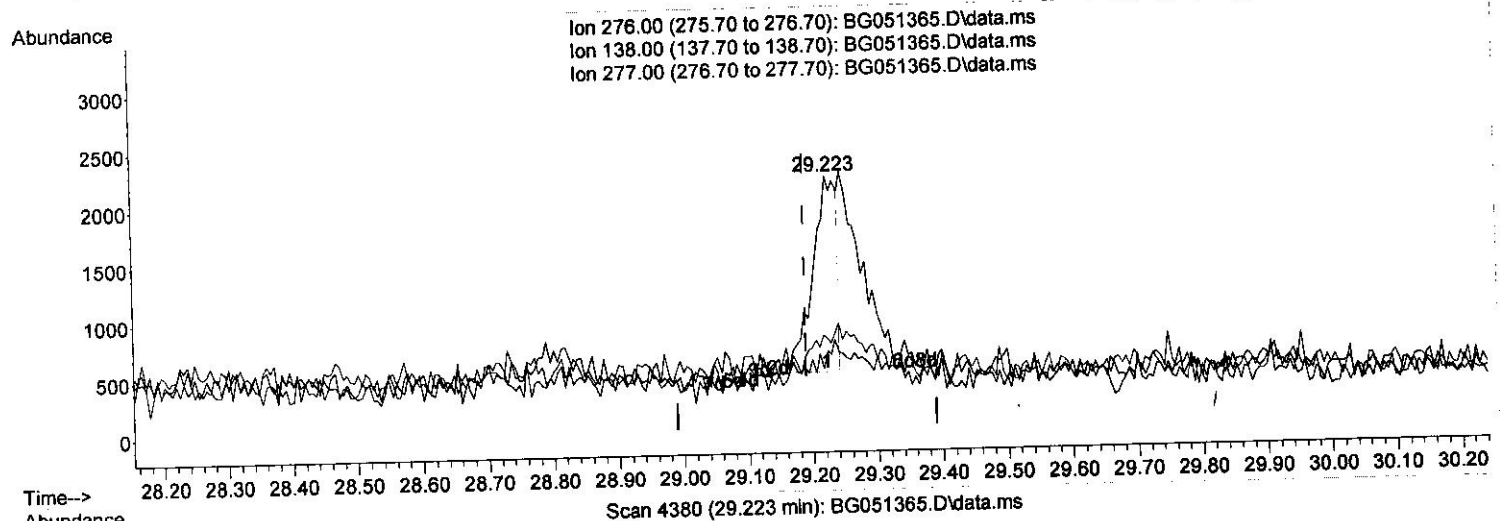
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(94) Indeno(1,2,3-cd)pyrene

29.223min (+ 0.033) 0.46 ng/ul

response 4485

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	30.39#
277.00	25.60	35.44#
0.00	0.00	0.00

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 Sample : M4833-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

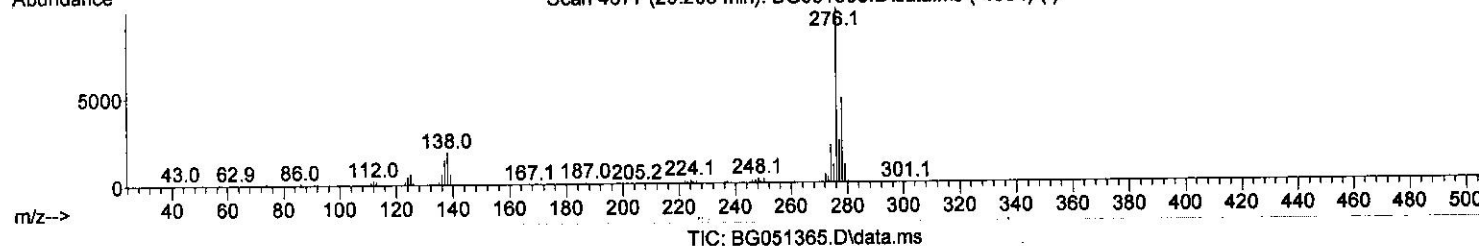
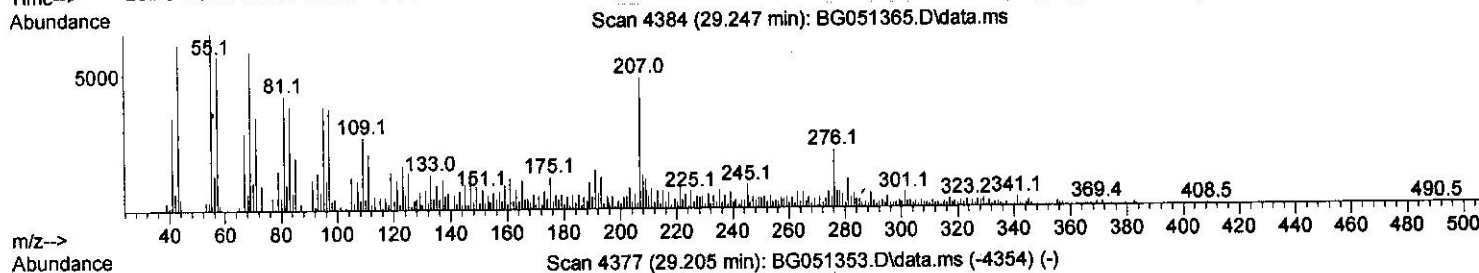
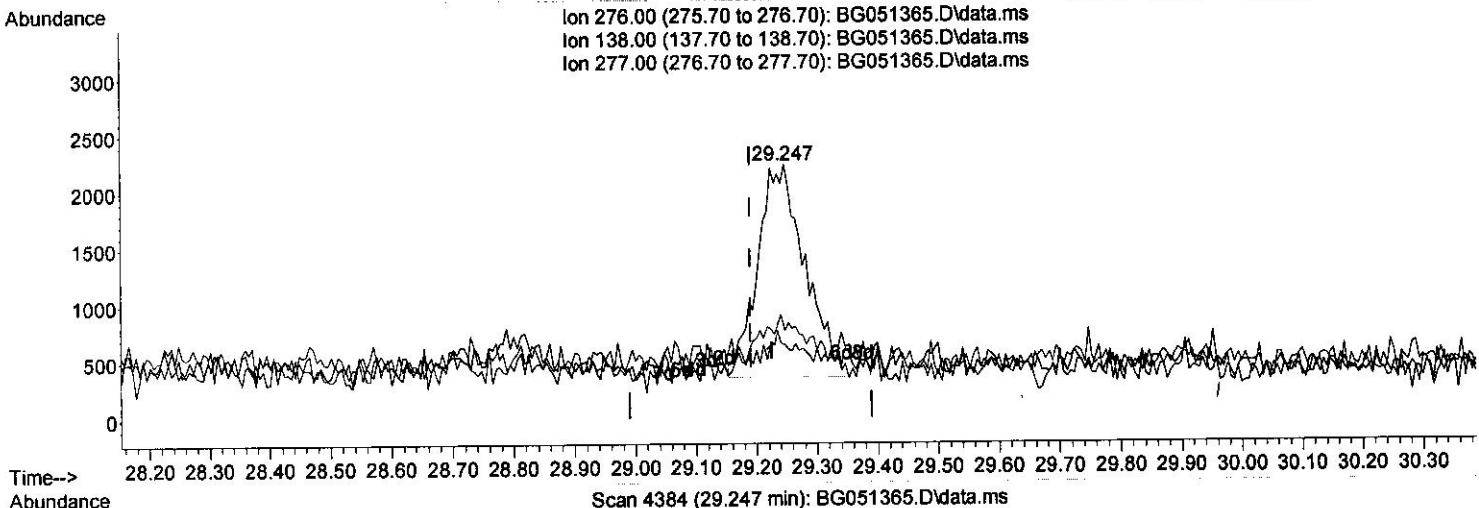
Instrument :
 BNA_G
 Client Sampled :
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Ion 276.00 (275.70 to 276.70): BG051365.D\data.ms
 Ion 138.00 (137.70 to 138.70): BG051365.D\data.ms
 Ion 277.00 (276.70 to 277.70): BG051365.D\data.ms



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

29.247min (+ 0.057) 1.11 ng/ul m

response 10784

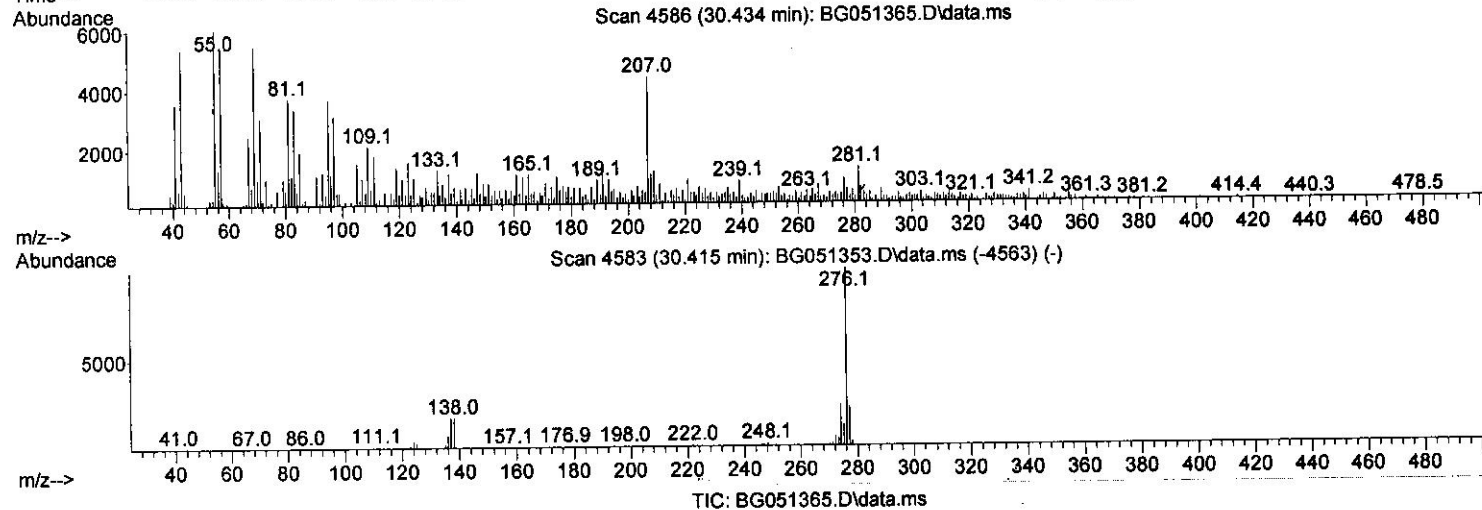
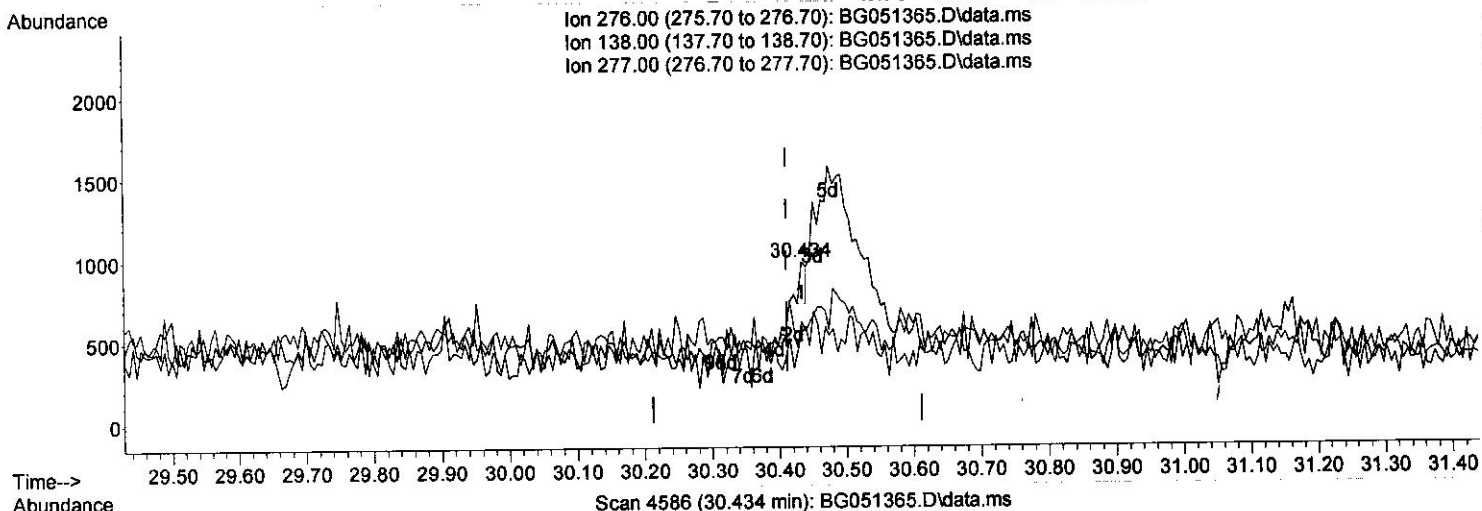
Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.40	28.83#
277.00	25.60	34.23#
0.00	0.00	0.00

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Operator : CG/JU
Sample : M4833-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

30.434min (+ 0.021) 0.02 ng/ul

response 170

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	56.12#
277.00	22.00	62.76#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

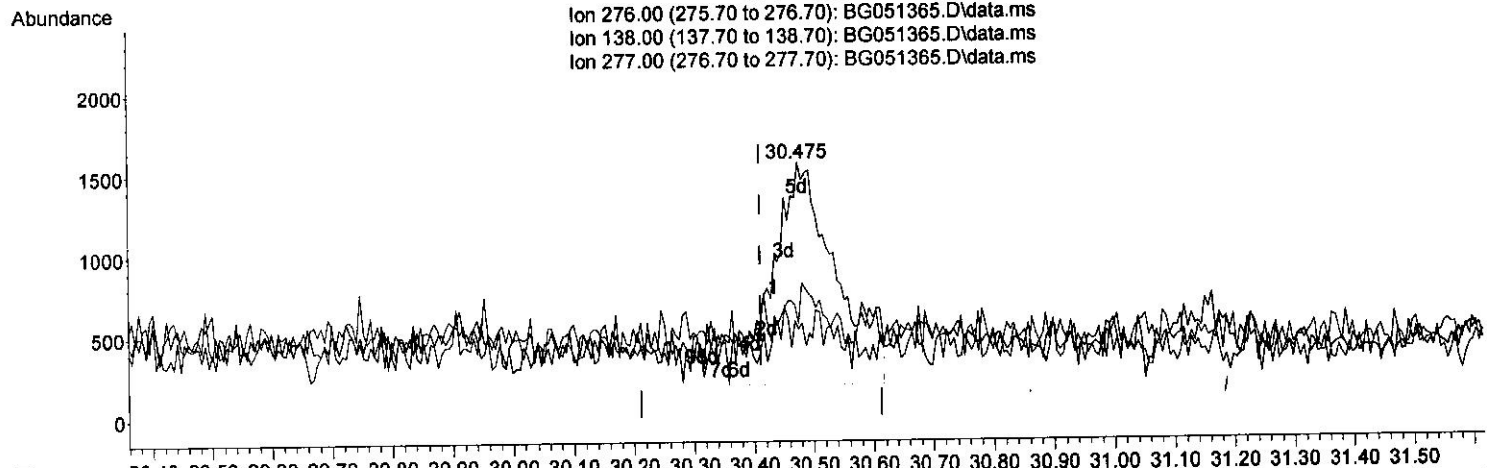
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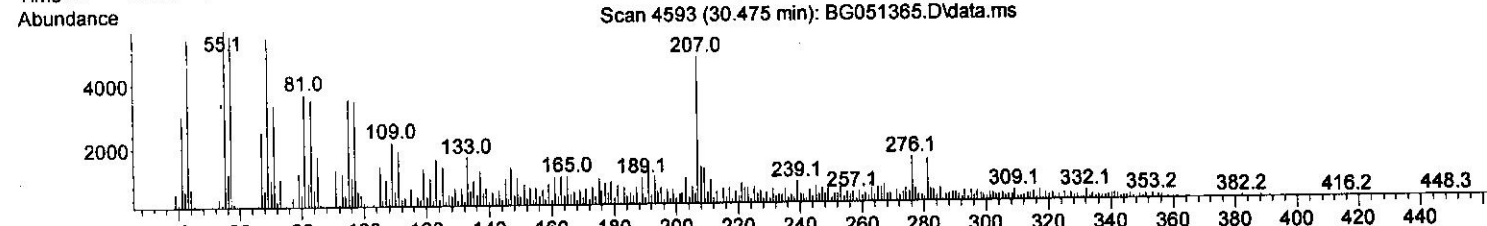
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 12/07/2021

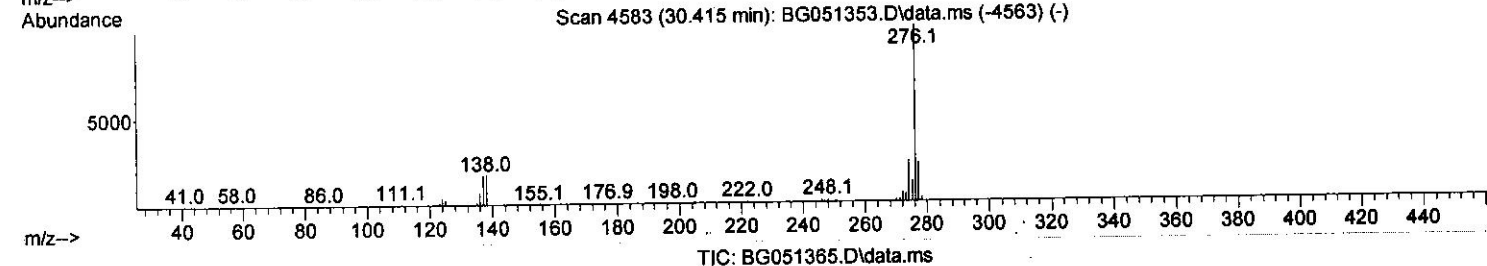
Ion 276.00 (275.70 to 276.70): BG051365.D\data.ms
 Ion 138.00 (137.70 to 138.70): BG051365.D\data.ms
 Ion 277.00 (276.70 to 277.70): BG051365.D\data.ms



Scan 4593 (30.475 min): BG051365.D\data.ms



Scan 4583 (30.415 min): BG051353.D\data.ms (-4563) (-)



TIC: BG051365.D\data.ms

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

30.475min (+ 0.063) 1.26 ng/ul m

response 10321

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	34.06#
277.00	22.00	36.24#
0.00	0.00	0.00

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Instrument :
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.195	152	29135	20.000 ng/ul	0.00
20) Naphthalene-d8	11.021	136	130227	20.000 ng/ul	0.00
38) Acenaphthene-d10	14.828	164	86856	20.000 ng/ul	0.00
64) Phenanthrene-d10	17.584	188	167880	20.000 ng/ul	0.00
79) Chrysene-d12	21.885	240	135098	20.000 ng/ul	0.00
88) Perylene-d12	25.298	264	135173	20.000 ng/ul	0.02
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.530	96	3052	3.640 ng/ul	-0.01
4) Pyridine-d5	3.971	84	21810	8.865 ng/ul	0.00
7) Phenol-d5	7.361	99	71446	24.812 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.508	67	44287	24.489 ng/ul	0.00
11) 2-Chlorophenol-d4	7.731	132	53009	25.565 ng/ul	0.00
15) 4-Methylphenol-d8	8.912	113	51962	22.362 ng/ul	0.00
21) Nitrobenzene-d5	9.376	128	29441	26.781 ng/ul	0.00
24) 2-Nitrophenol-d4	10.105	143	33066	26.665 ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.657	165	57533	27.345 ng/ul	0.00
31) 4-Chloroaniline-d4	11.162	131	35948	11.677 ng/ul	0.00
46) Dimethylphthalate-d6	14.223	166	189514	28.357 ng/ul	0.00
49) Acenaphthylene-d8	14.529	160	243264	28.866 ng/ul	0.00
54) 4-Nitrophenol-d4	15.069	143	19506	18.032 ng/ul	0.02
60) Fluorene-d10	15.821	176	163887	27.232 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.968	200	5982	5.775 ng/ul	0.02
73) Anthracene-d10	17.684	188	231766	28.866 ng/ul	0.00
81) Pyrene-d10	19.964	212	237811	29.092 ng/ul	0.00
92) Benzo(a)pyrene-d12	25.063	264	209123	28.968 ng/ul	0.02
Target Compounds					
80) Fluoranthene	19.629	202	25104	2.500 ng/ul	98
82) Pyrene	19.993	202	22166	2.257 ng/ul	94
85) Benzo(a)anthracene	21.867	228	10431	1.138 ng/ul#	79
86) Bis(2-ethylhexyl)phtha...	21.720	149	7125	1.213 ng/ul#	91
87) Chrysene	21.932	228	14064m	1.598 ng/ul	
90) Benzo(b)fluoranthene	24.212	252	19803	2.171 ng/ul#	71
93) Benzo(a)pyrene	25.140	252	12120	1.393 ng/ul#	59
94) Indeno(1,2,3-cd)pyrene	29.247	276	10784m	1.107 ng/ul	
96) Benzo(g,h,i)perylene	30.475	276	10321m	1.260 ng/ul	

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

30
12/11/21