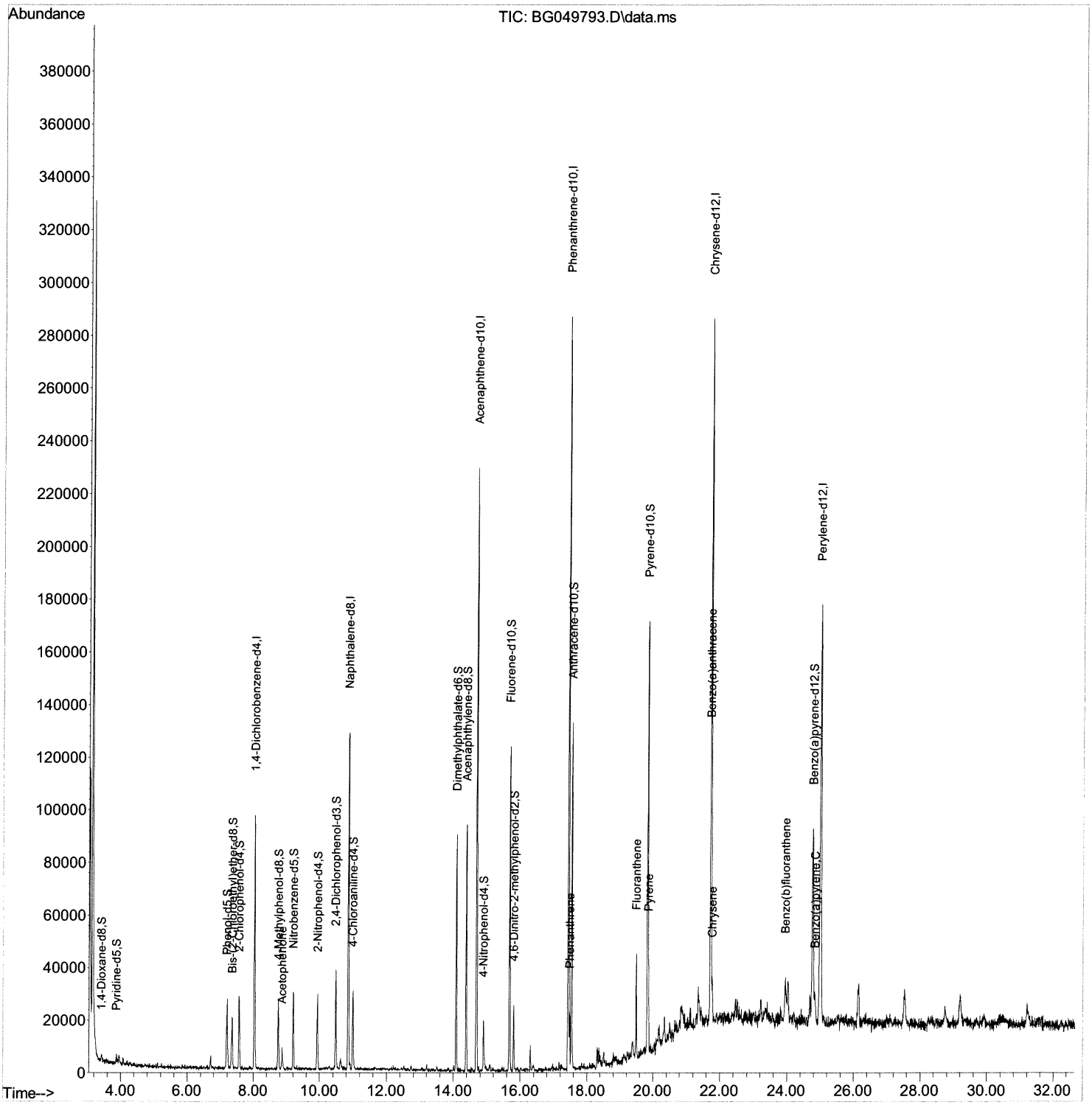
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049793.D
Acq On : 11 Aug 2021 17:34
Operator : CG/JU
Sample : M3287-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 11 18:17:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGB07

Manual Integrations APPROVED
mohammad
8/12/2021 1:34:35 PM



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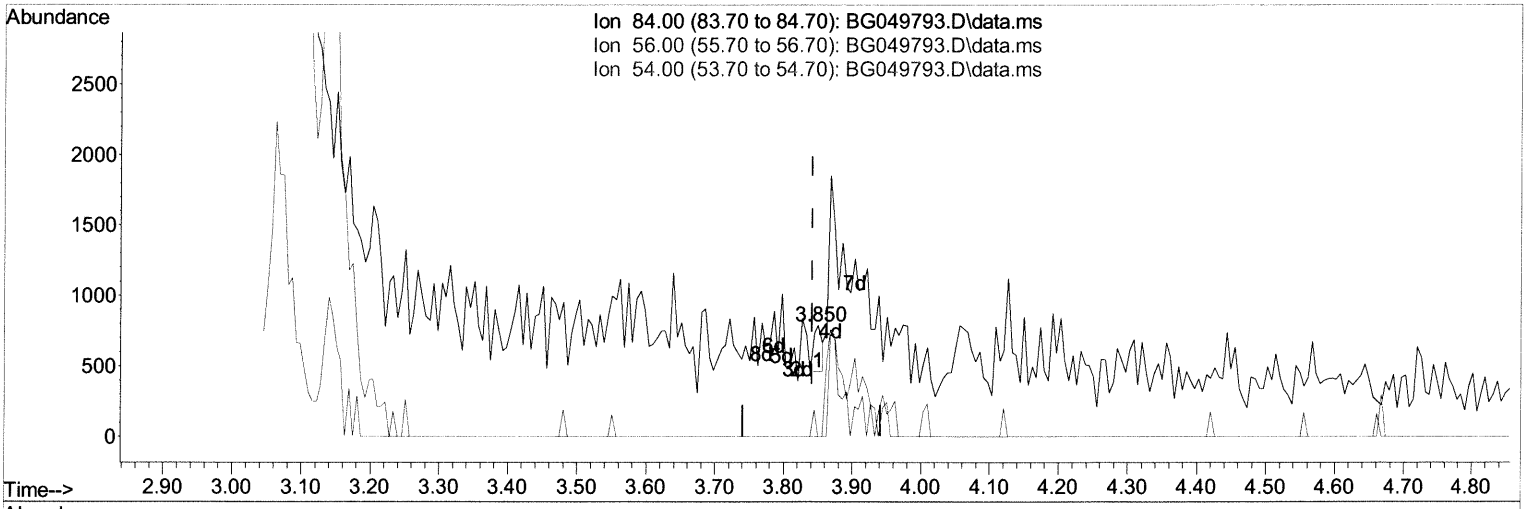

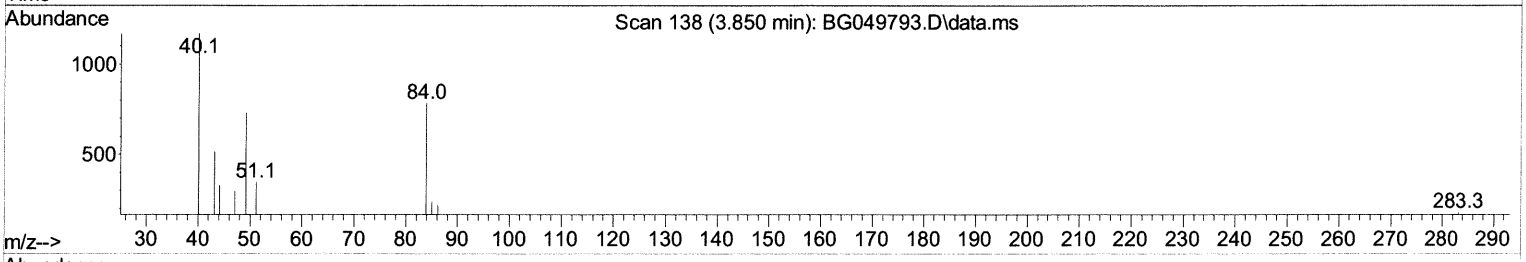

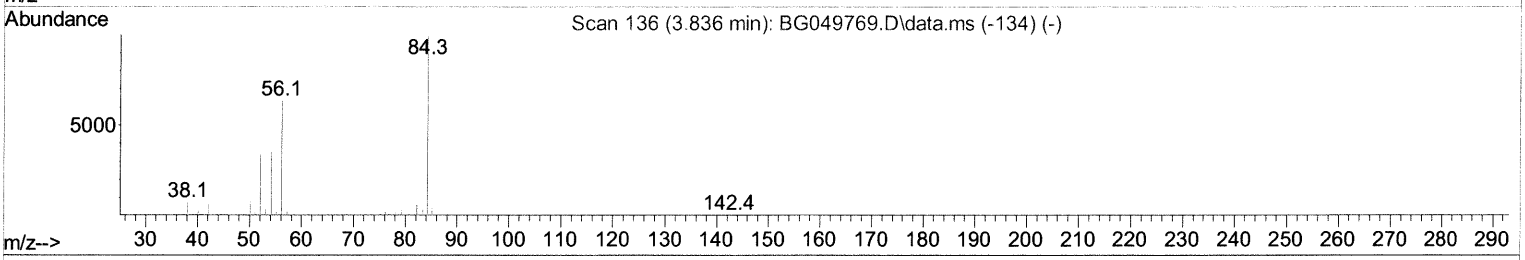

TIC: BG049793.D\data.ms

(4) Pyridine-d5 (S)

3.850min (+ 0.009) 0.17 ng/ul

response 282

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

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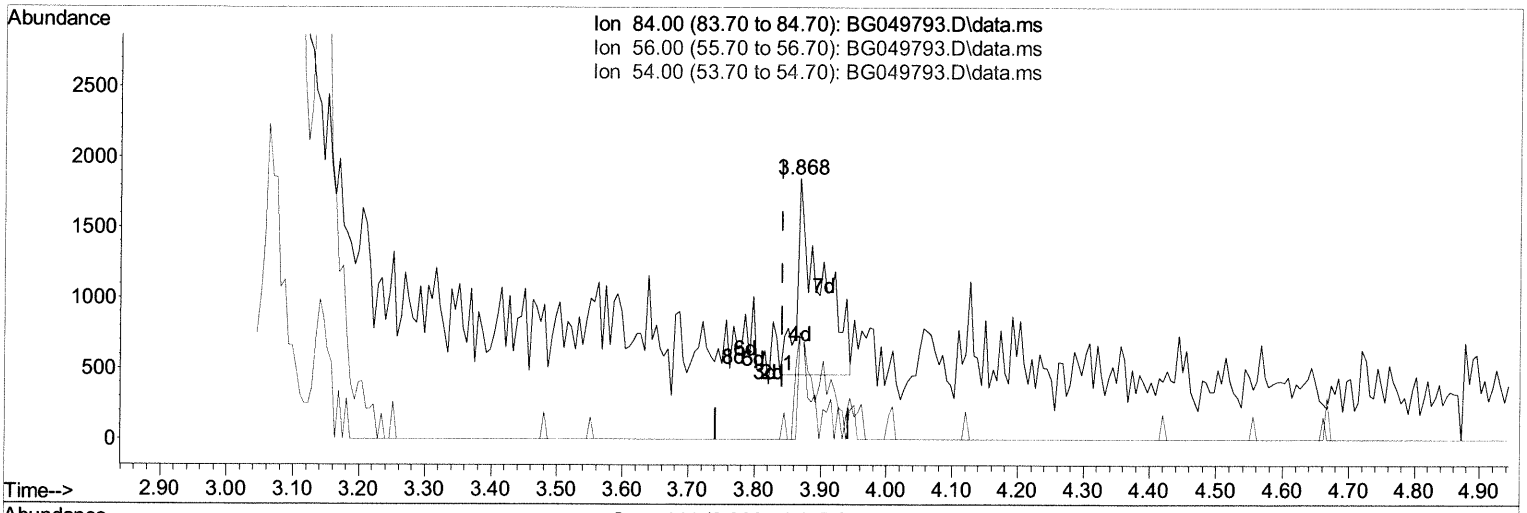

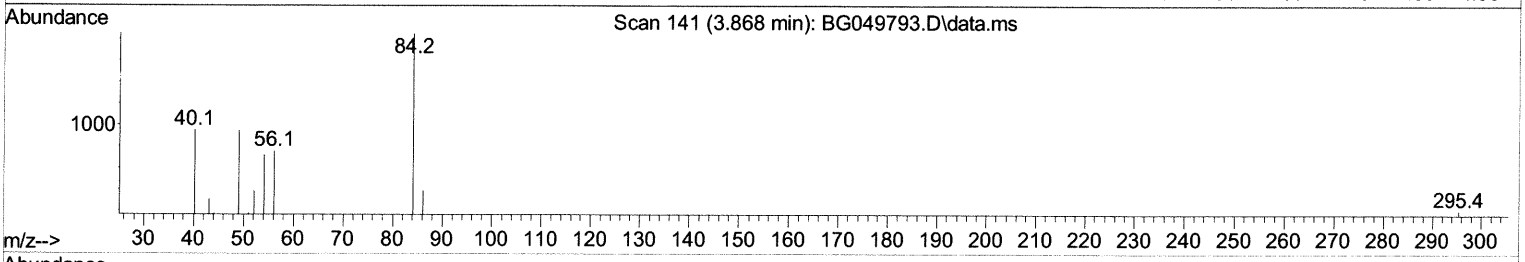

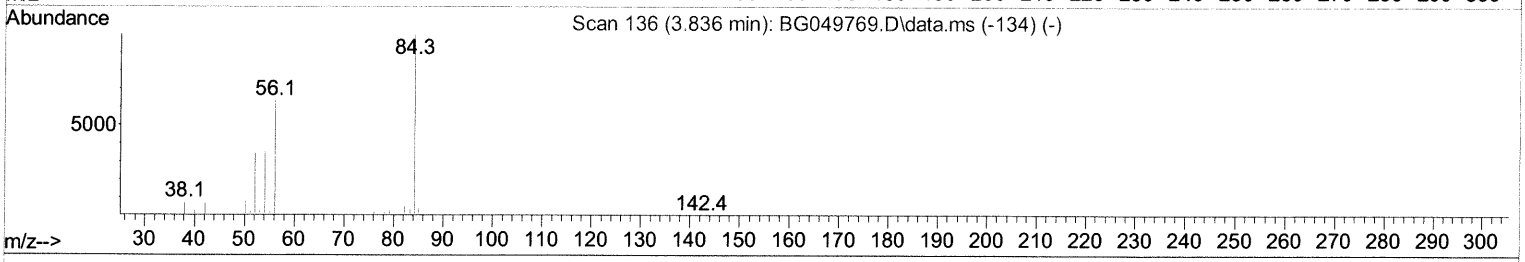

TIC: BG049793.D\data.ms

(4) Pyridine-d5 (S)

3.868min (+ 0.026) 2.11 ng/ul m JG 8/13/21

response 3578

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	58.90	40.83#
54.00	36.30	38.94
0.00	0.00	0.00

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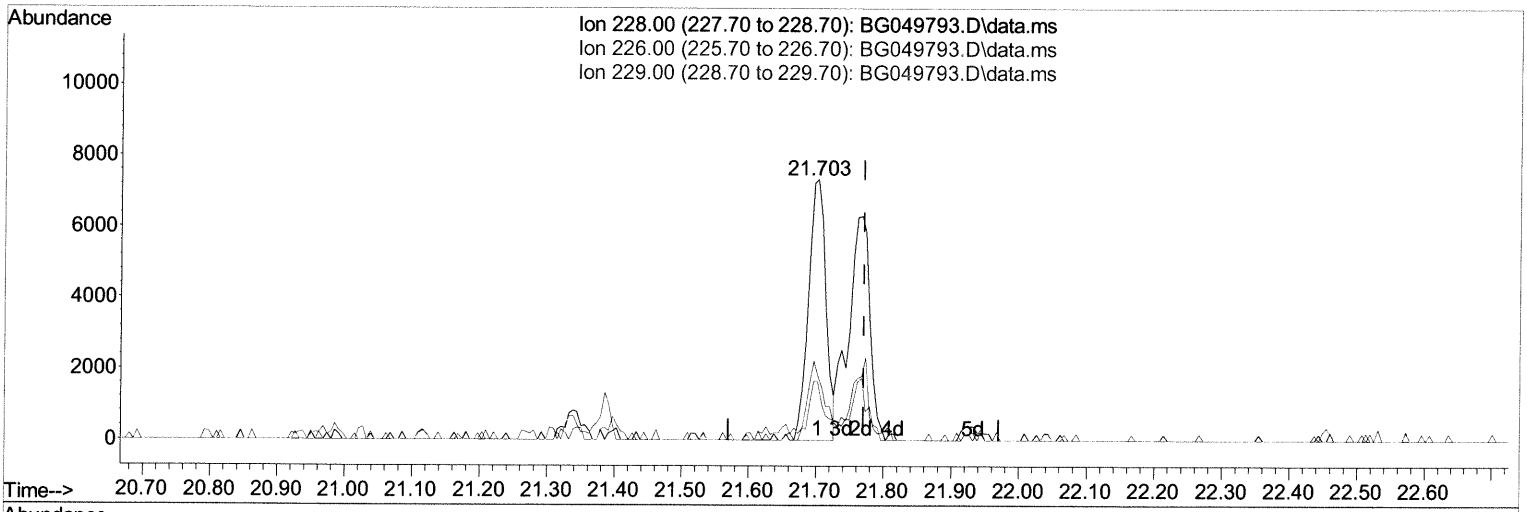

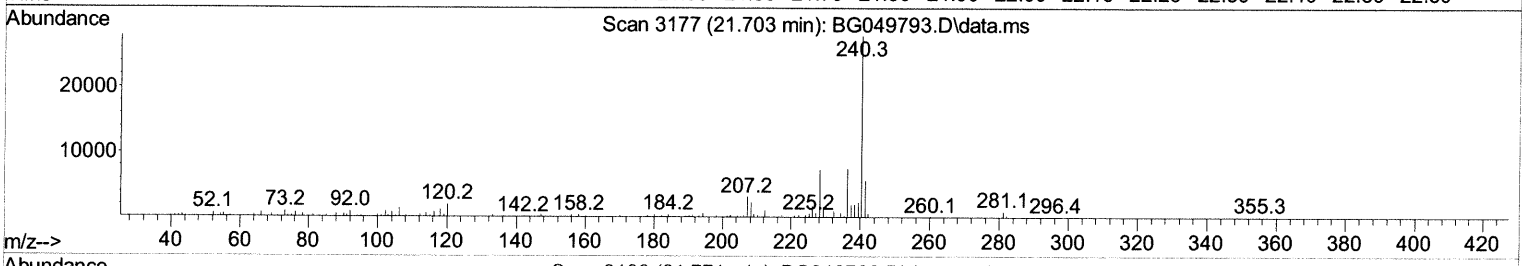

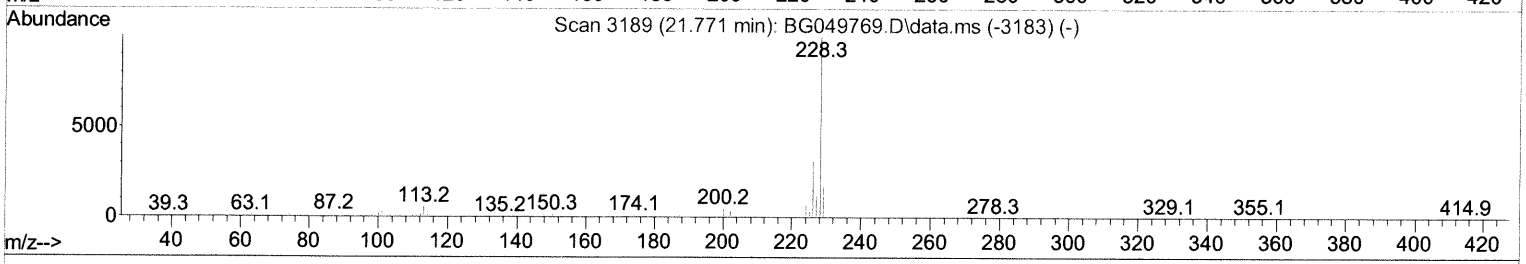

TIC: BG049793.D\data.ms

(87) Chrysene

21.703min (-0.068) 1.41 ng/ul

response 13318

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	24.87
229.00	19.30	22.52
0.00	0.00	0.00

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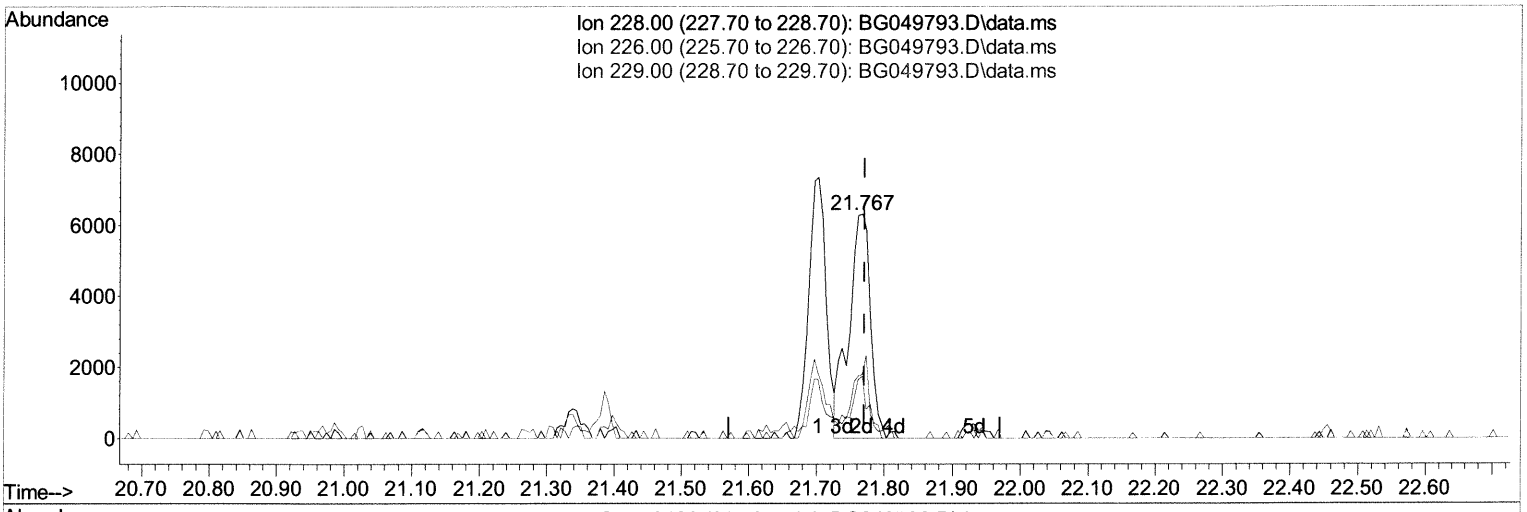

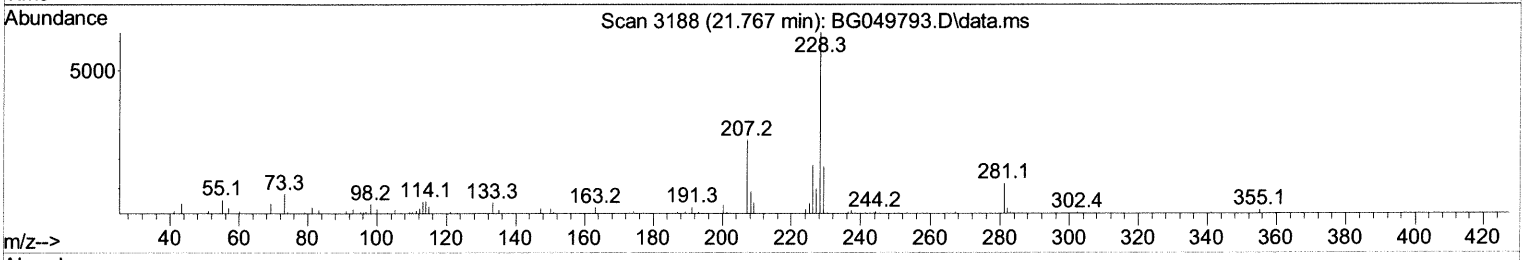

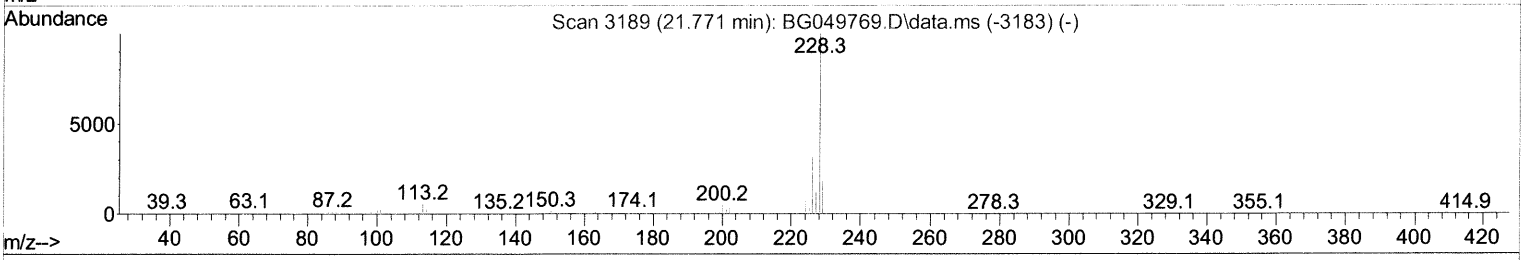

TIC: BG049793.D\data.ms

(87) Chrysene

21.767min (-0.003) 1.47 ng/ul m

JU 8/13/21

response 13880

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	28.39
229.00	19.30	27.58#
0.00	0.00	0.00

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ClientSampleId : BGB07

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	26387	20.000	ng/ul	0.00
20) Naphthalene-d8	10.859	136	109436	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.689	164	82864	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.438	188	174121	20.000	ng/ul	0.00
79) Chrysene-d12	21.720	240	154064	20.000	ng/ul	0.00
88) Perylene-d12	24.992	264	157361	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1095	1.940	ng/uL	0.00
4) Pyridine-d5	3.868	84	3578m	2.113	ng/ul	0.03
7) Phenol-d5	7.199	99	17063	7.125	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	9389	6.826	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	12383	7.225	ng/ul	0.00
15) 4-Methylphenol-d8	8.755	113	10402	5.697	ng/ul	0.00
21) Nitrobenzene-d5	9.208	128	6618	7.677	ng/ul	0.00
24) 2-Nitrophenol-d4	9.930	143	8306	8.437	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.483	165	14695	7.916	ng/ul	0.00
31) 4-Chloroaniline-d4	10.994	131	17533	6.899	ng/ul	0.00
46) Dimethylphthalate-d6	14.084	166	57984	8.917	ng/ul	0.00
49) Acenaphthylene-d8	14.383	160	68873	8.902	ng/ul	0.00
54) 4-Nitrophenol-d4	14.900	143	5209	4.954	ng/ul	0.00
60) Fluorene-d10	15.681	176	49281	8.816	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	5473	4.670	ng/ul	0.00
73) Anthracene-d10	17.538	188	78904	9.600	ng/ul	0.00
81) Pyrene-d10	19.829	212	88471	10.422	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.769	264	79926	9.270	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.867	105	4686	1.546	ng/ul#	88
72) Phenanthrene	17.479	178	13154	1.427	ng/ul#	95
80) Fluoranthene	19.494	202	23446	2.238	ng/ul	99
82) Pyrene	19.852	202	22196	2.124	ng/ul#	96
85) Benzo(a)anthracene	21.703	228	13318	1.317	ng/ul	95
87) Chrysene	21.767	228	13880m	1.469	ng/ul	
90) Benzo(b)fluoranthene	23.947	252	18216	1.771	ng/ul#	98
93) Benzo(a)pyrene	24.840	252	10447	1.154	ng/ul#	86

JU 8/13/21

JU 8/13/21

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