

Quantitation Report (Qedit)

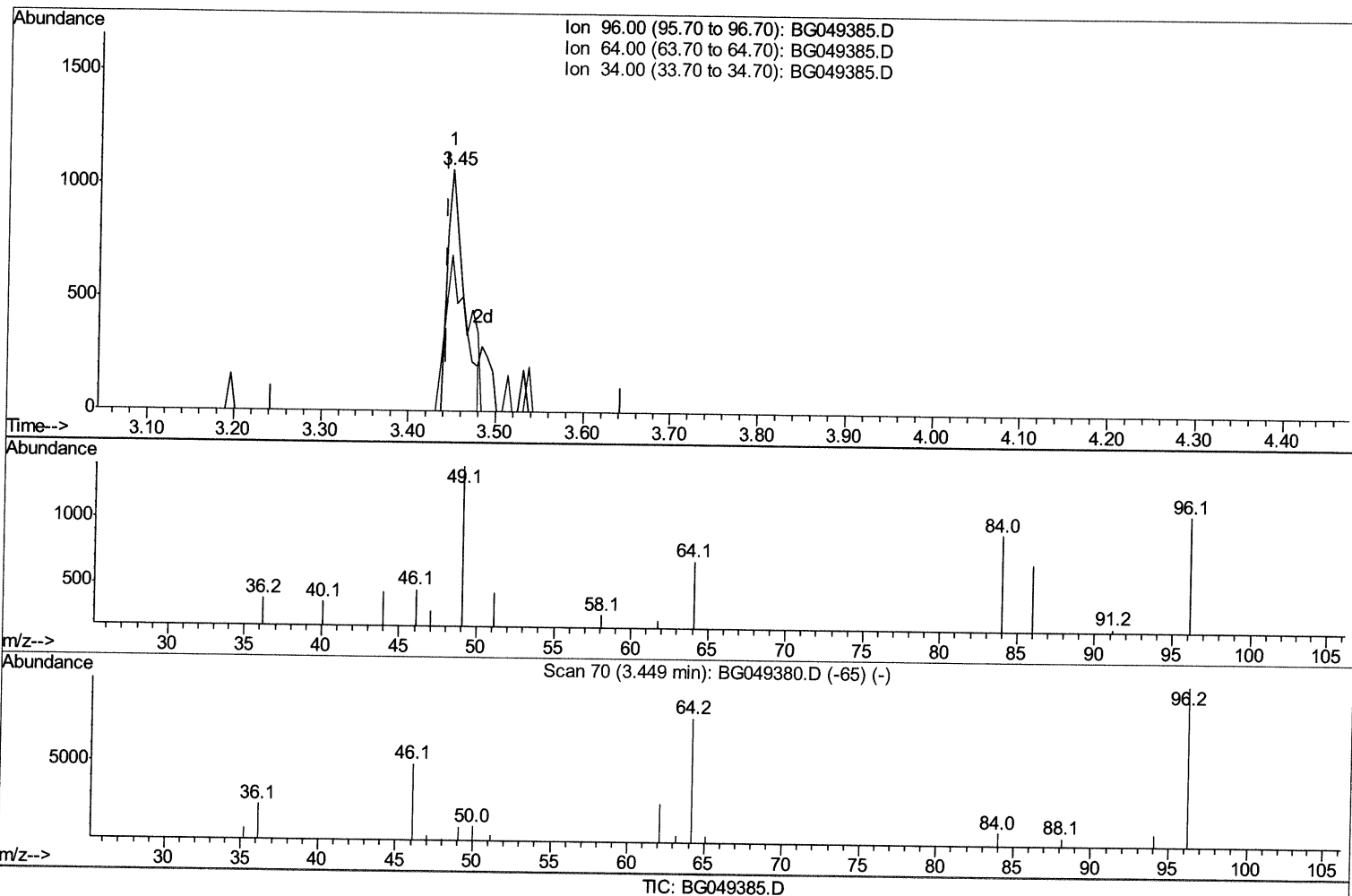
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG071621\
Data File : BG049385.D
Acq On : 16 Jul 2021 19:33
Operator : CG/JU
Sample : M2970-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE1

Manual Integrations
APPROVED

mohammad
7/19/2021 11:53:38 AM

Quant Time: Jul 17 00:55:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.449min (+0.006) 2.62ng/uL

response 1387

Ion	Exp%	Act%
96.00	100	100
64.00	80.10	64.67
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

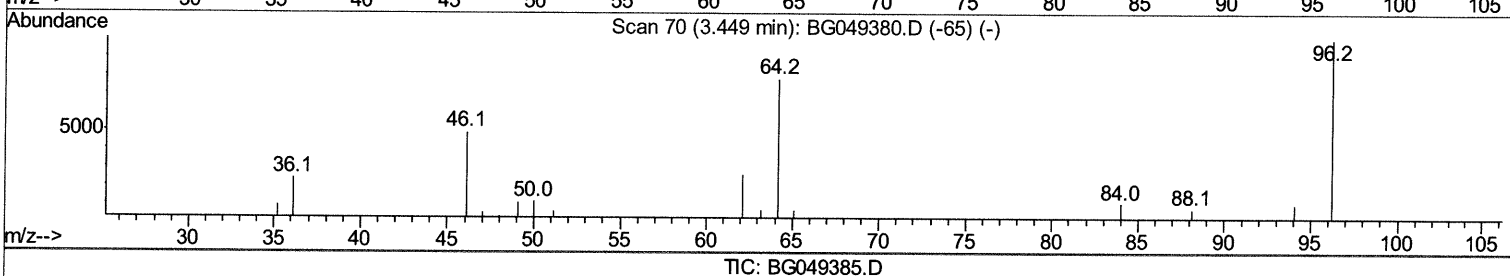
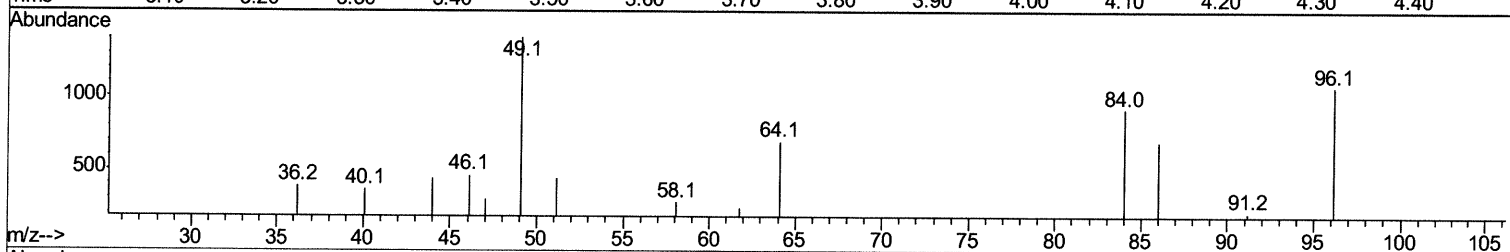
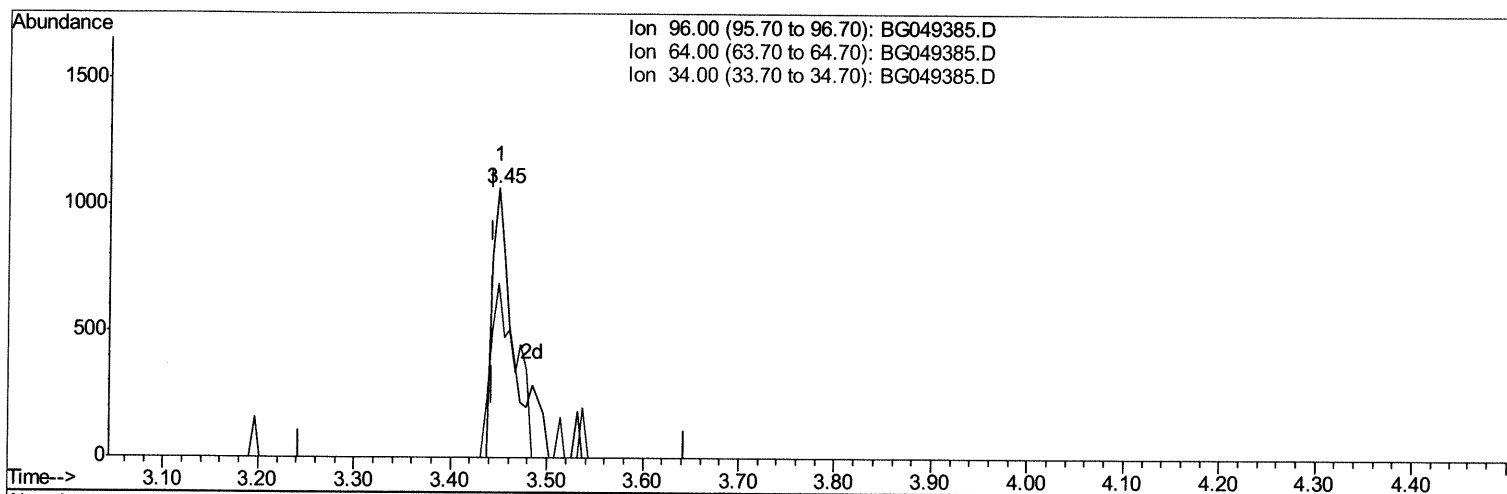
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(3) 1,4-Dioxane-d8 (S)

3.449min (+0.006) 3.09ng/uL m 07/22/21JU

response 1633

Ion	Exp%	Act%
96.00	100	100
64.00	80.10	64.67
34.00	0.00	0.00
0.00	0.00	0.00

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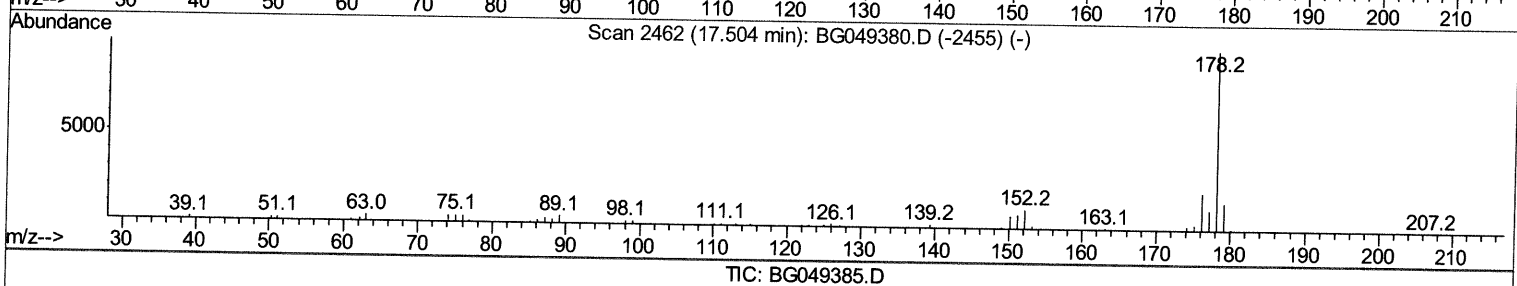
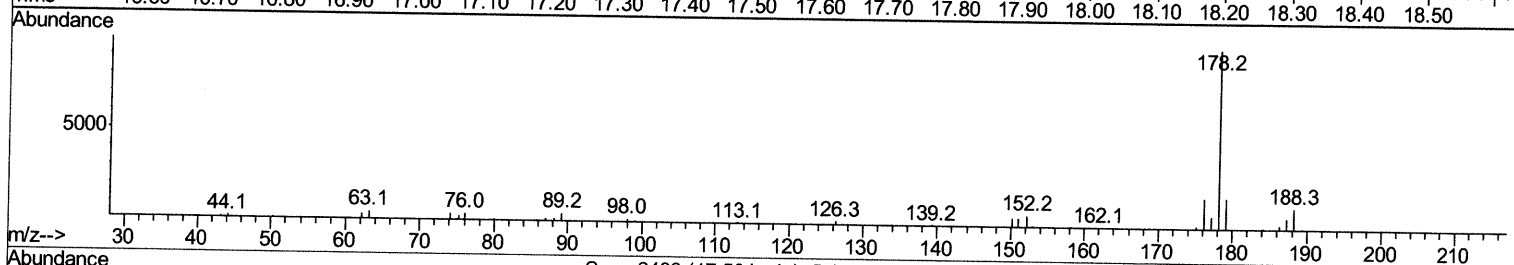
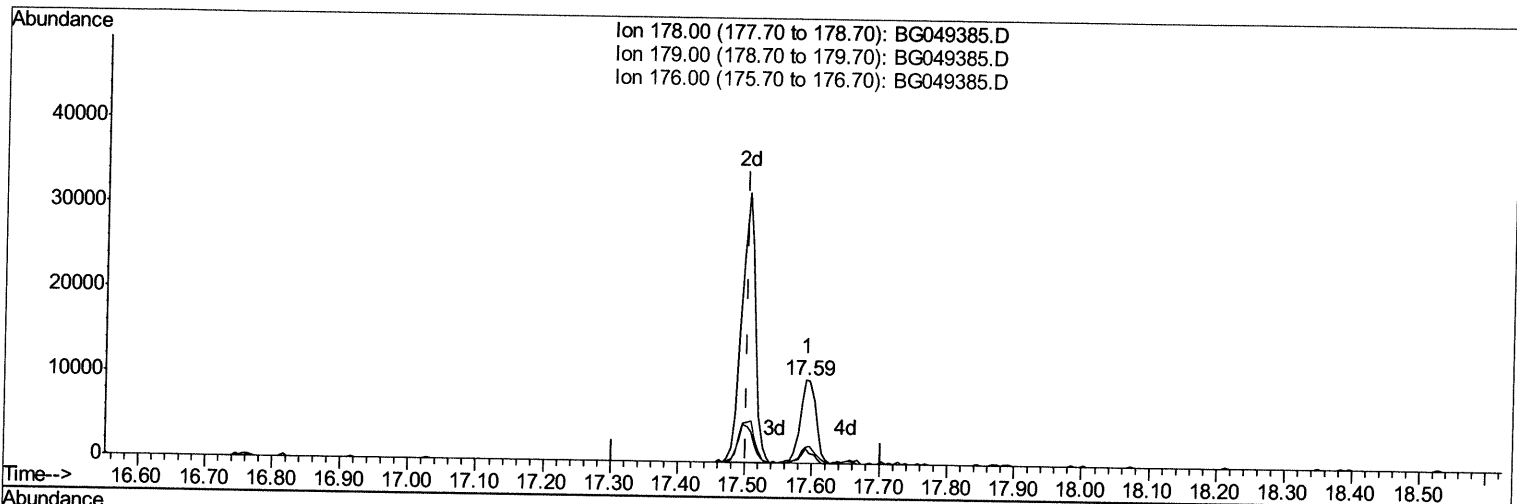
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Quant Time: Jul 17 01:16:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
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TIC: BG049385.D

(72) Phenanthrene

17.591min (+0.088) 1.73ng/ul

response 15823

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	18.19
176.00	19.80	18.44
0.00	0.00	0.00

Quantitation Report (Qedit)

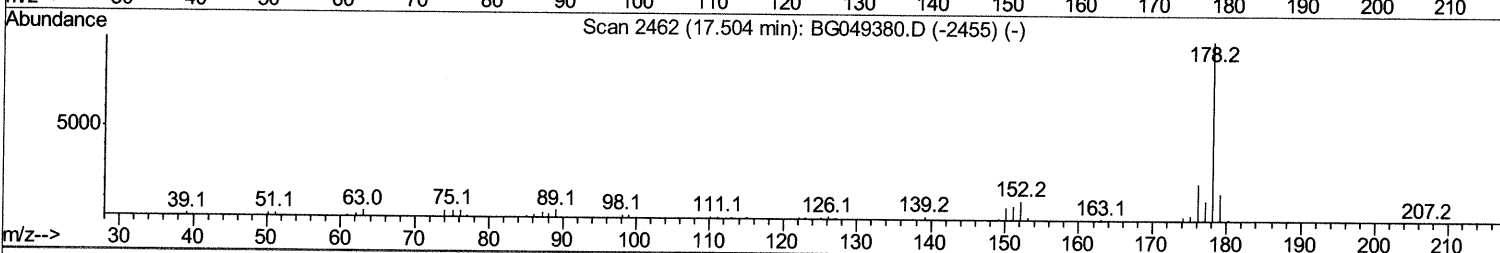
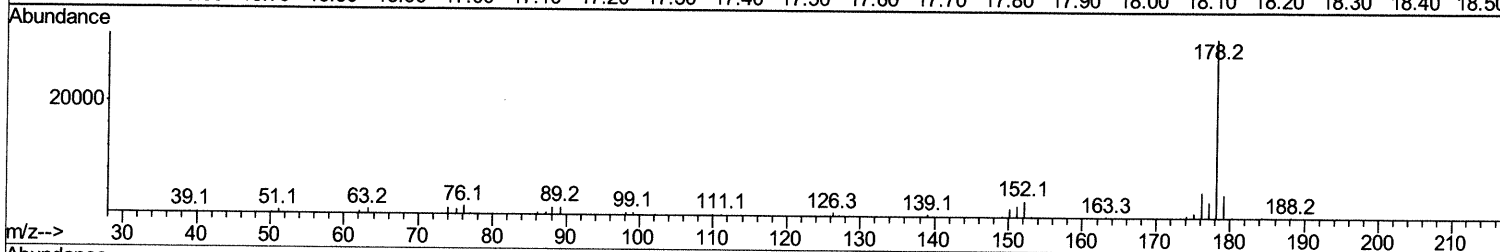
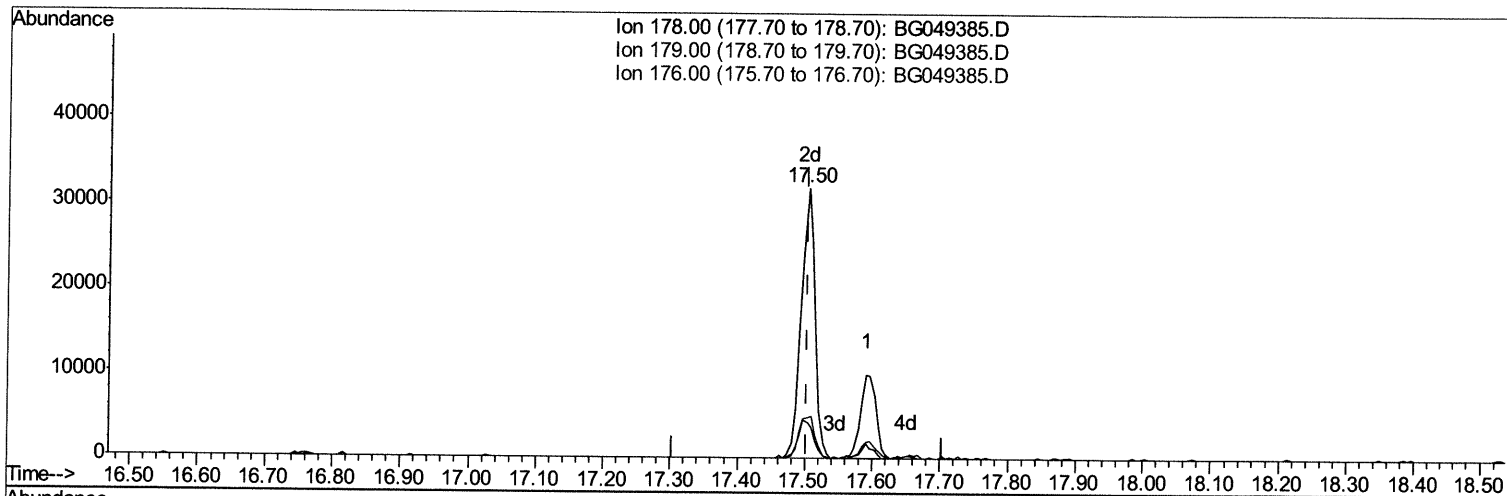
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(72) Phenanthrene

17.503min (-0.000) 4.94ng/ul m 07/22/21JU

response 45149

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	13.38
176.00	19.80	14.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

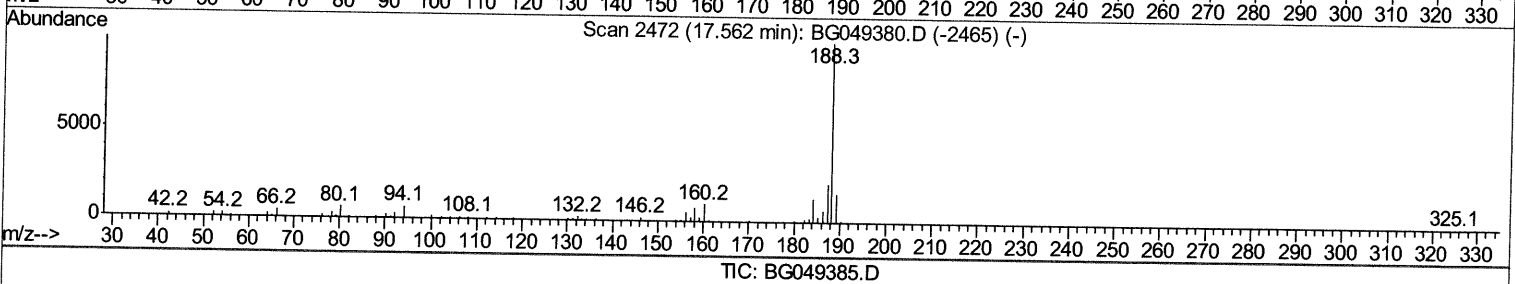
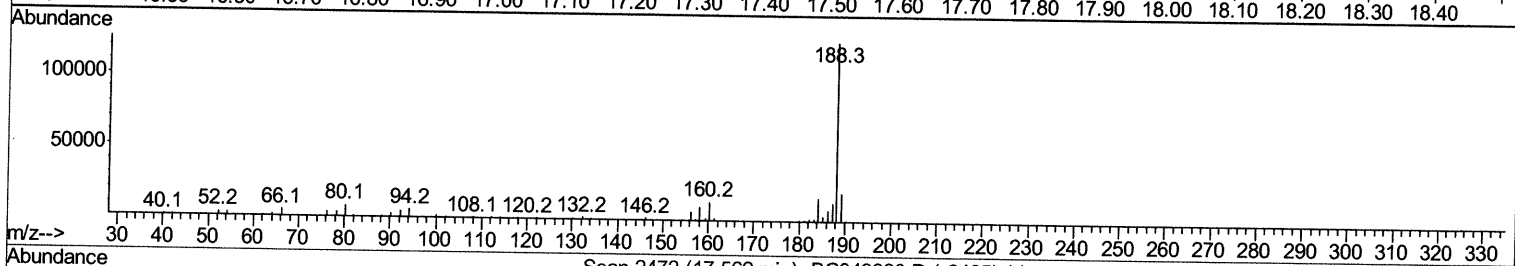
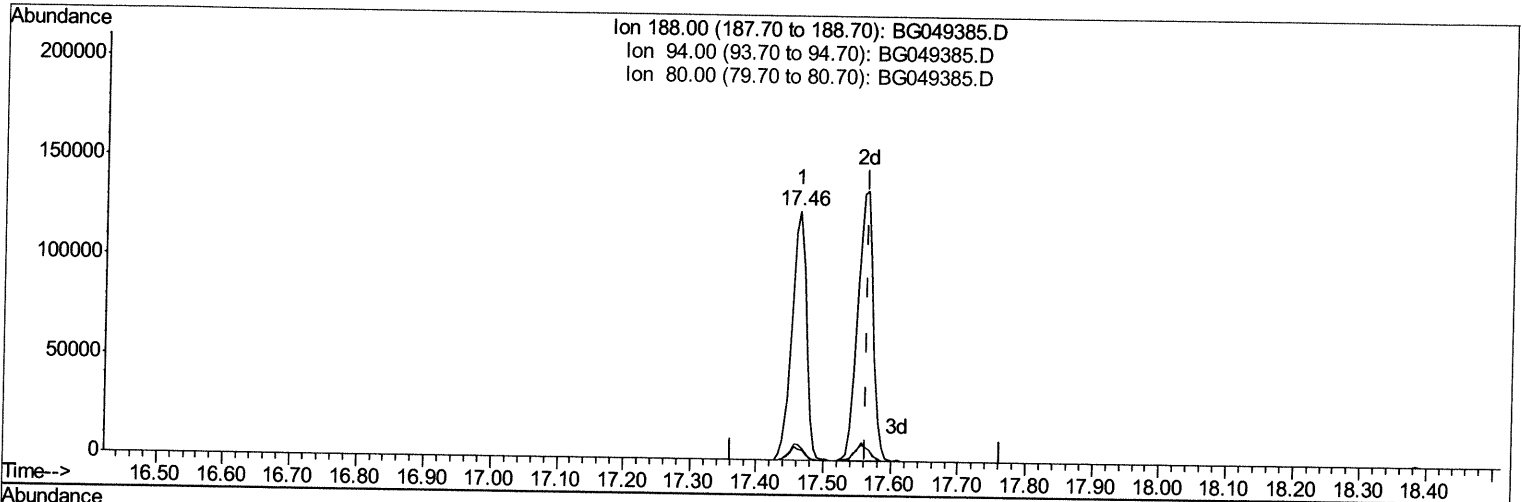
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Instrument :
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ClientSampleId :
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Quant Time: Jul 17 01:16:47 2021
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(73) Anthracene-d10 (S)

17.462min (-0.100) 21.96ng/ul

response 187318

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	4.66
80.00	6.90	6.28
0.00	0.00	0.00

Quantitation Report (Qedit)

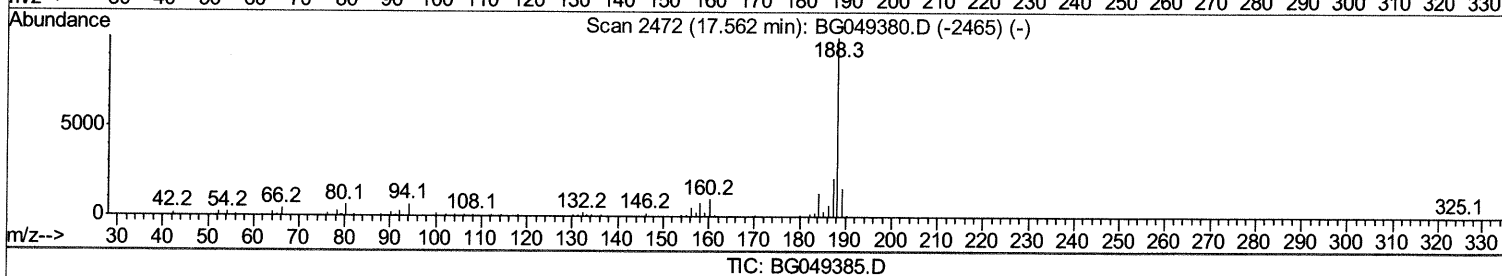
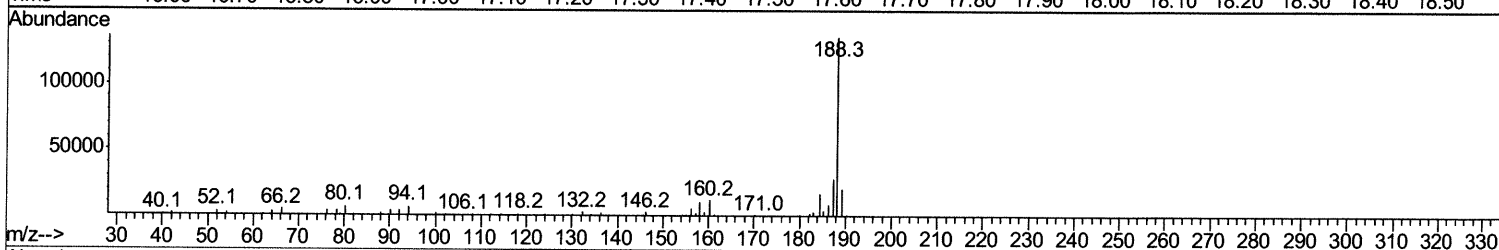
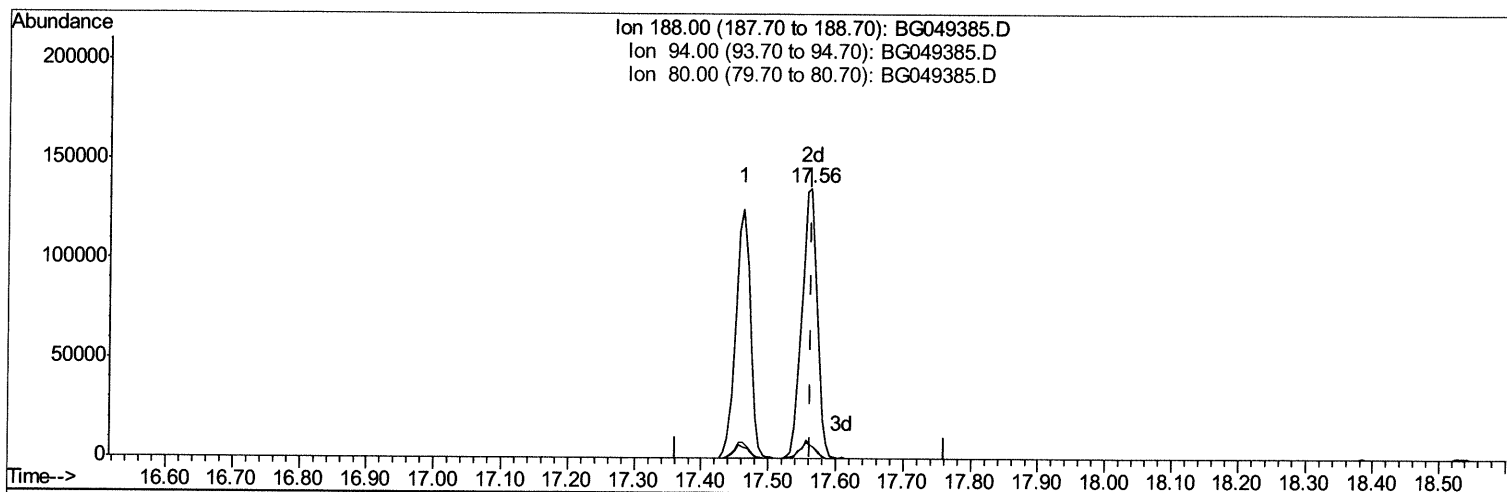
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Acq On : 16 Jul 2021 19:33
Operator : CG/JU
Sample : M2970-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGEb1

Manual Integrations
APPROVED

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(73) Anthracene-d10 (S)

17.562min (-0.000) 25.02ng/ul m 07/22/21 JU

response 213364

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	4.94
80.00	6.90	5.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

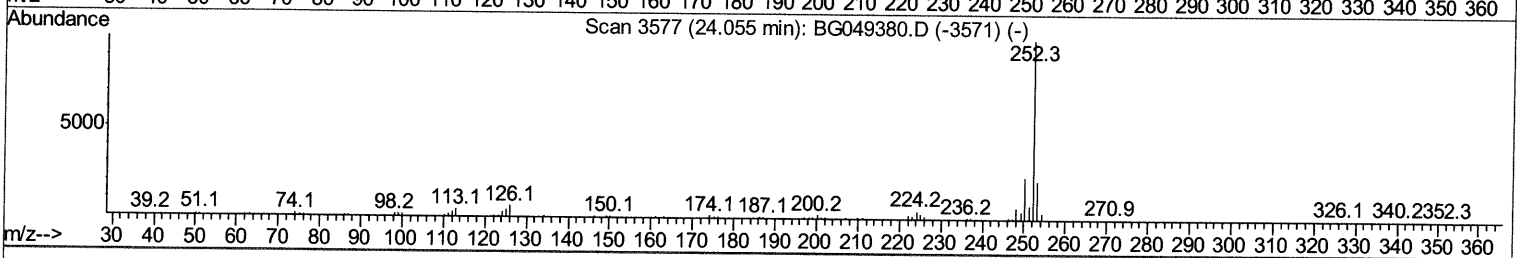
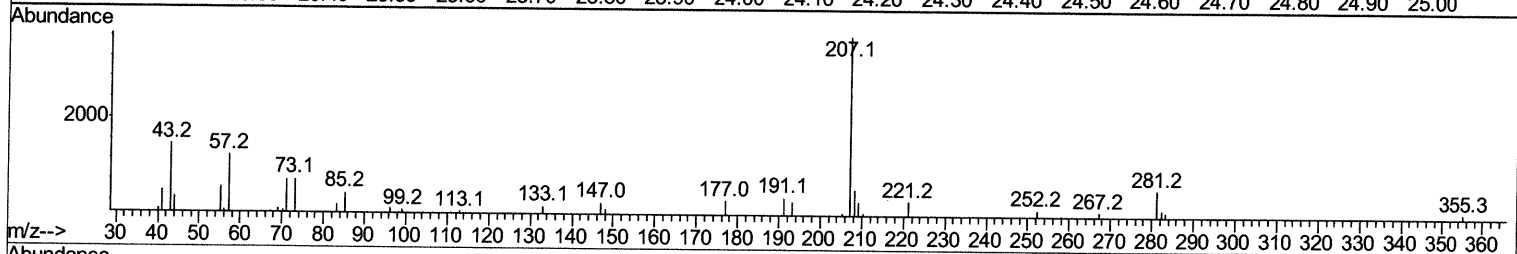
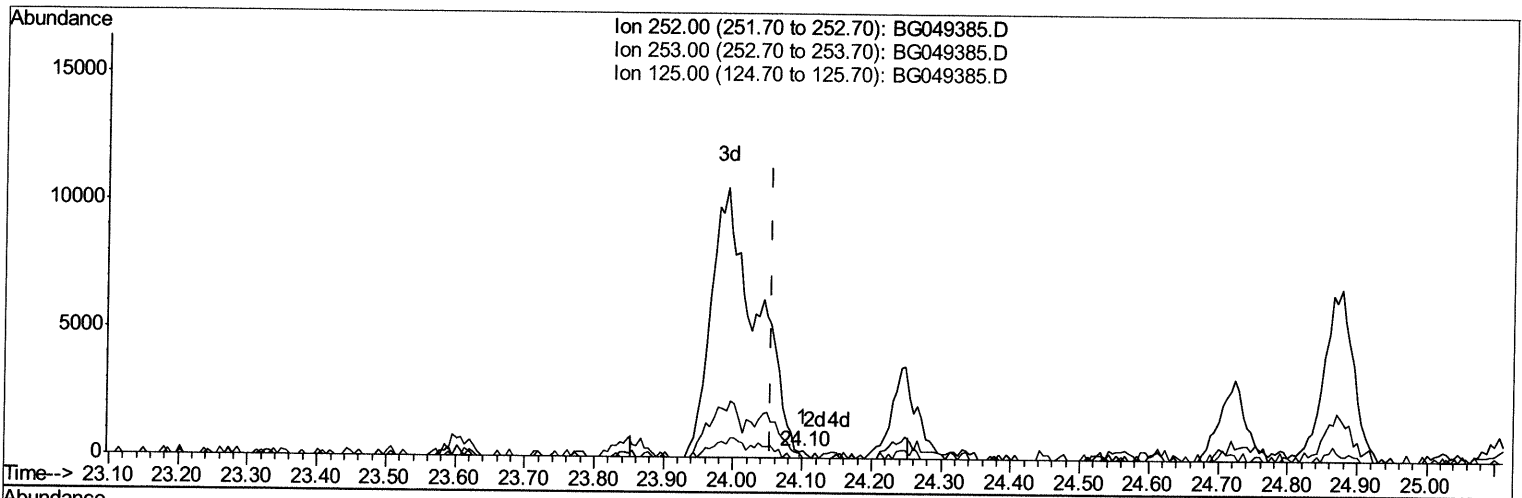
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 Sample : M2970-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 BGEB1

Manual Integrations
APPROVED

mohammad
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Quant Time: Jul 17 01:17:18 2021
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TIC: BG049385.D

(91) Benzo(k)fluoranthene

24.101min (+0.047) 0.01ng/ul

response 159

Ion	Exp%	Act%
252.00	100	100
253.00	20.80	0.00#
125.00	3.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

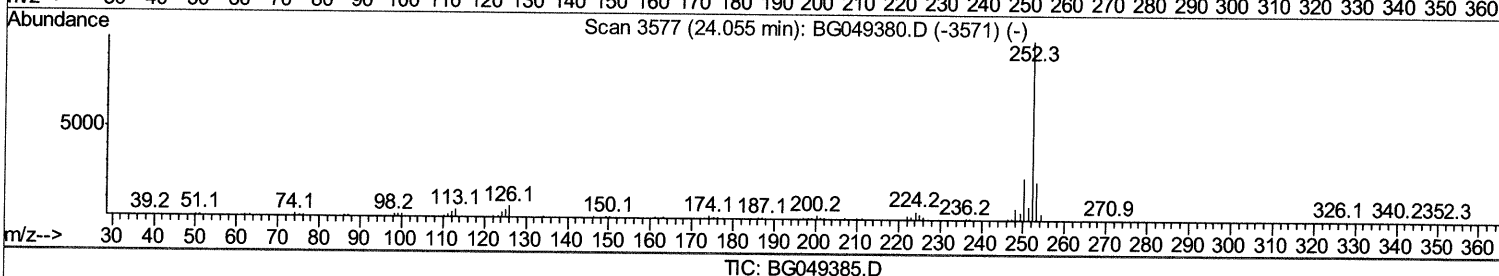
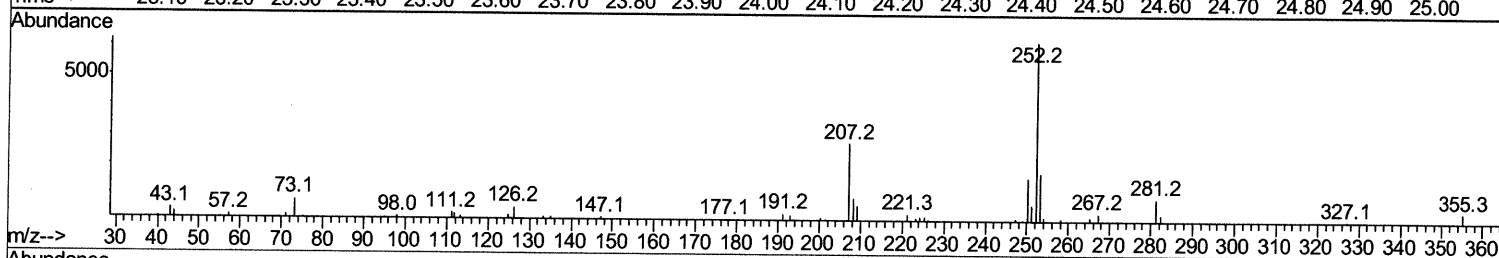
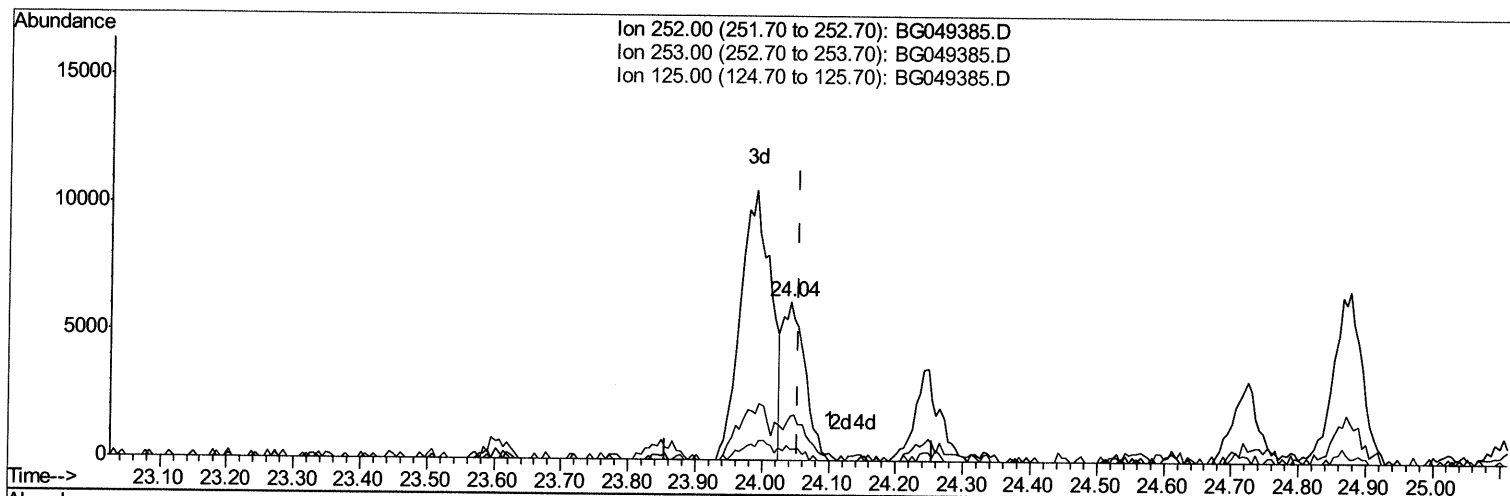
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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TIC: BG049385.D

(91) Benzo(k)fluoranthene

24.042min (-0.012) 1.16ng/ul m 07/22/21JU

response 14457

Ion	Exp%	Act%
252.00	100	100
253.00	20.80	28.25#
125.00	3.80	4.16
0.00	0.00	0.00

Quantitation Report (Qedit)

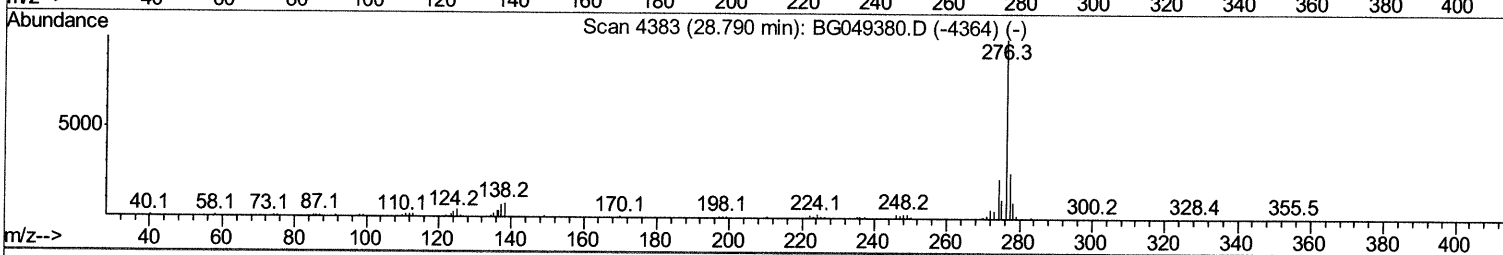
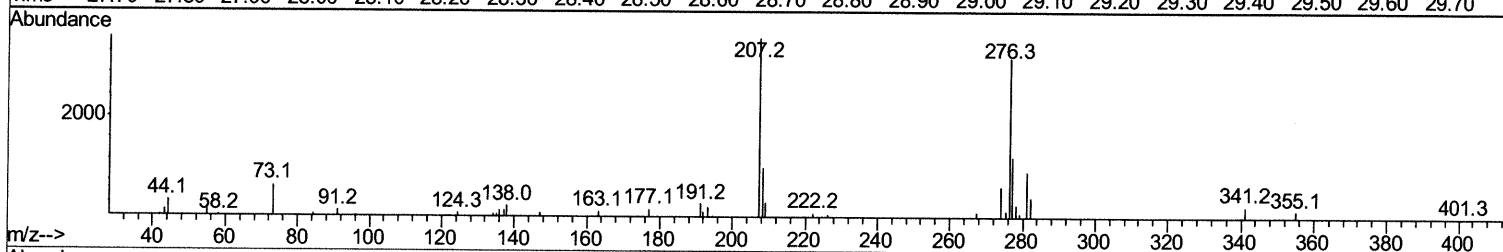
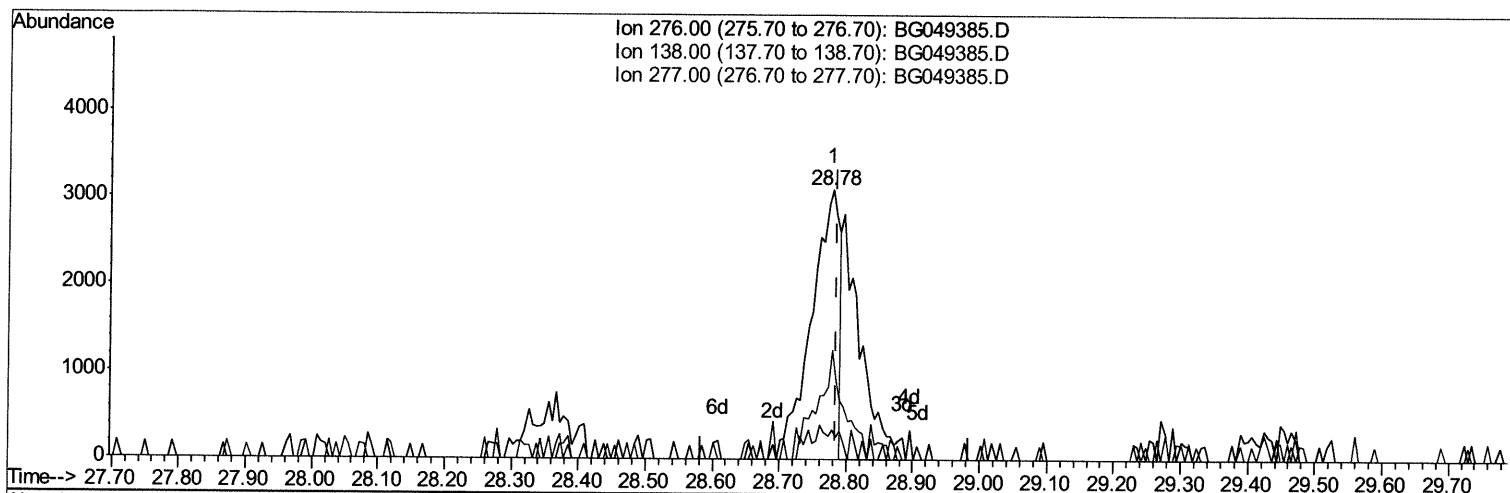
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 Sample : M2970-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGEB1

Manual Integrations
 APPROVED

mohammad
 7/19/2021 11:53:38 AM

Quant Time: Jul 17 01:17:58 2021
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TIC: BG049385.D

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

28.778min (-0.006) 0.63ng/ul

response 9161

Ion	Exp%	Act%
276.00	100	100
138.00	7.50	11.11#
277.00	22.70	40.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

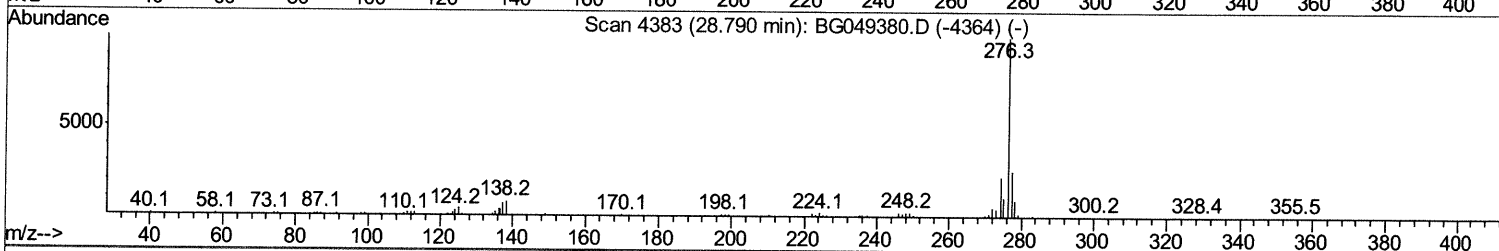
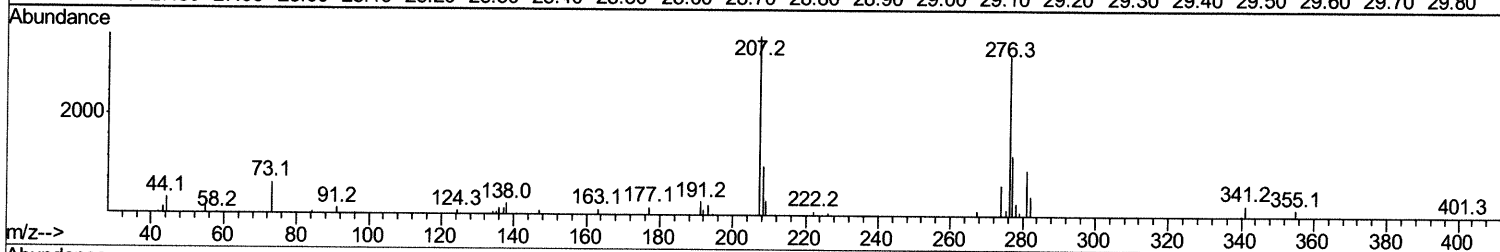
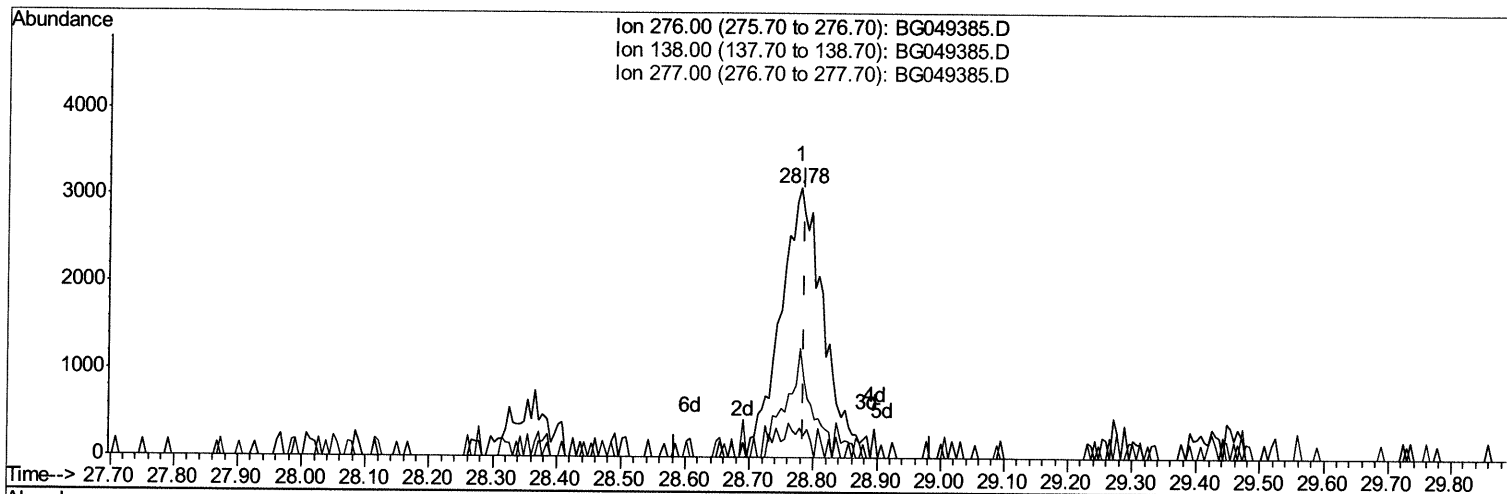
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Manual Integrations
 APPROVED

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TIC: BG049385.D

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

28.778min (-0.006) 1.00ng/ul m 7/22/21 JU

response 14559

Ion	Exp%	Act%
276.00	100	100
138.00	7.50	11.11#
277.00	22.70	40.42#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24881	20.00	ng/ul	0.00
20) Naphthalene-d8	10.89	136	103484	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.71	164	79228	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.46	188	187318	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	197509	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	207700	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1633m >	3.09	ng/uL >	0.00	07/22/21 JU
4) Pyridine-d5	3.88	84	12290	7.90	ng/ul	0.01	
7) Phenol-d5	7.22	99	45871	21.19	ng/ul	0.00	
9) Bis-(2-Chloroethyl)ether-d	7.38	67	28974	23.08	ng/ul	0.00	
11) 2-Chlorophenol-d4	7.59	132	35699	22.32	ng/ul	0.00	
15) 4-Methylphenol-d8	8.77	113	39621	22.85	ng/ul	0.00	
21) Nitrobenzene-d5	9.24	128	19742	24.86	ng/ul	0.00	
24) 2-Nitrophenol-d4	9.96	143	23523	25.80	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.51	165	40674	22.87	ng/ul	0.00	
31) 4-Chloroaniline-d4	11.02	131	54755	23.62	ng/ul	0.00	
46) Dimethylphthalate-d6	14.11	166	151827	24.92	ng/ul	0.00	
49) Acenaphthylene-d8	14.41	160	166250	23.25	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.90	143	15844	15.71	ng/ul	0.00	
60) Fluorene-d10	15.70	176	124989	24.23	ng/ul	0.00	
65) 4,6-Dinitro-2-methylphenol	15.82	200	17823	14.97	ng/ul	0.00	
73) Anthracene-d10	17.56	188	213364m >	25.02	ng/ul >	0.00	07/22/21 JU
81) Pyrene-d10	19.85	212	252765	24.97	ng/ul	0.00	
92) Benzo(a)pyrene-d12	24.81	264	234380	21.71	ng/ul	0.00	

Target Compounds

					Ovalue	
52) Acenaphthene	14.77	153	14314	3.100	ng/ul	86
61) Fluorene	15.76	166	9209	1.663	ng/ul#	73
72) Phenanthrene	17.50	178	45149m >	4.942	ng/ul >	07/22/21 JU
74) Anthracene	17.59	178	15823	1.695	ng/ul	97
80) Fluoranthene	19.51	202	51540	4.378	ng/ul#	96
82) Pyrene	19.87	202	35791	3.051	ng/ul	97
85) Benzo(a)anthracene	21.72	228	35192	2.899	ng/ul	95
87) Chrysene	21.79	228	28406	2.474	ng/ul	92
90) Benzo(b)fluoranthene	23.99	252	33958	2.650	ng/ul#	90
91) Benzo(k)fluoranthene	24.04	252	14457m >	1.157	ng/ul >	07/22/21 JU
93) Benzo(a)pyrene	24.88	252	19916	1.766	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.78	276	14559m >	1.001	ng/ul >	07/22/21 JU

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