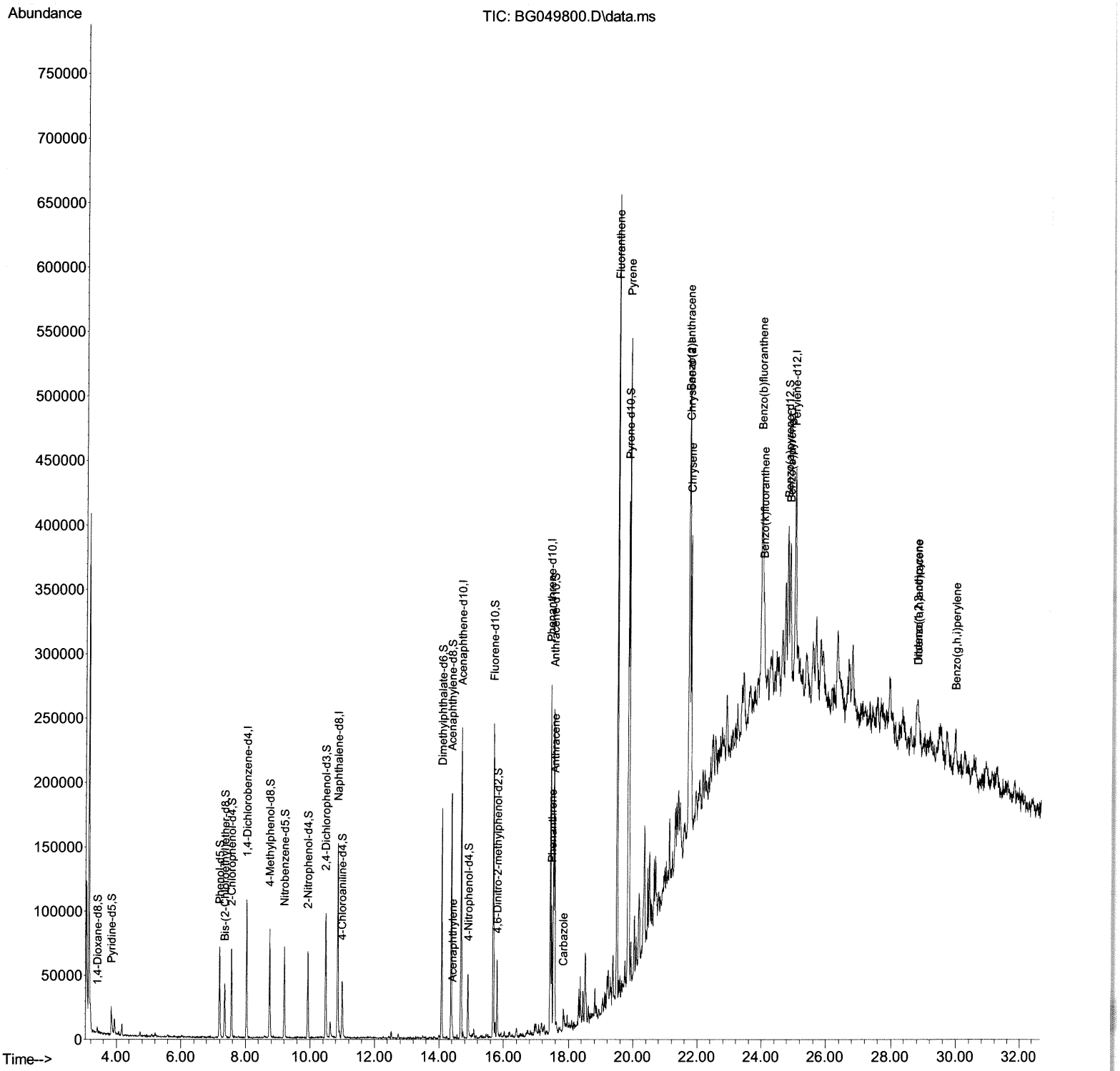
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049800.D
Acq On : 11 Aug 2021 23:07
Operator : CG/JU
Sample : M3287-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 12 01:33:06 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 :
BGB11

Manual Integrations APPROVED
mohammad
8/12/2021 1:34:52 PM



Quantitation Report (Qedit)

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mohammad
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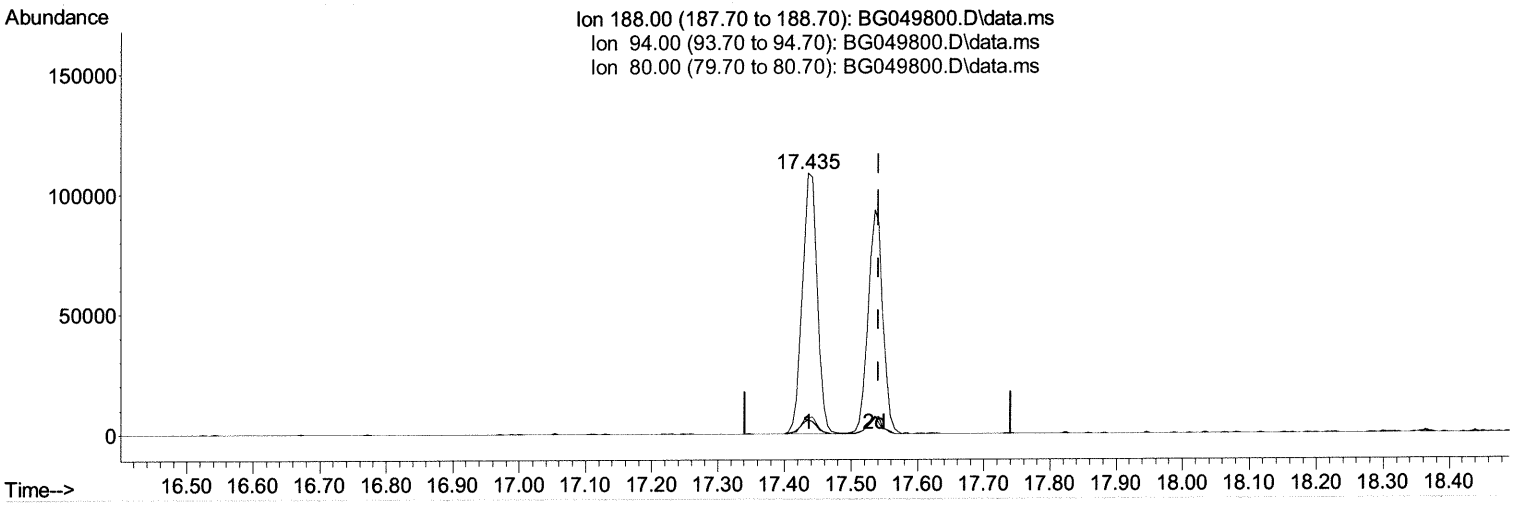

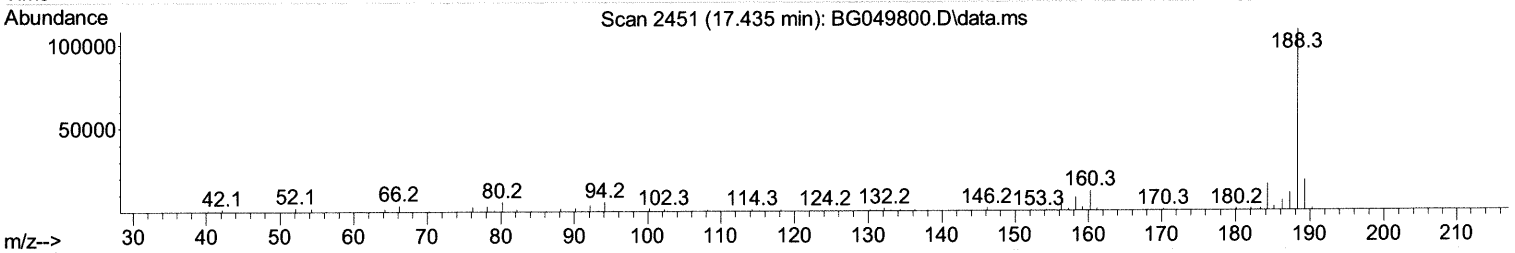

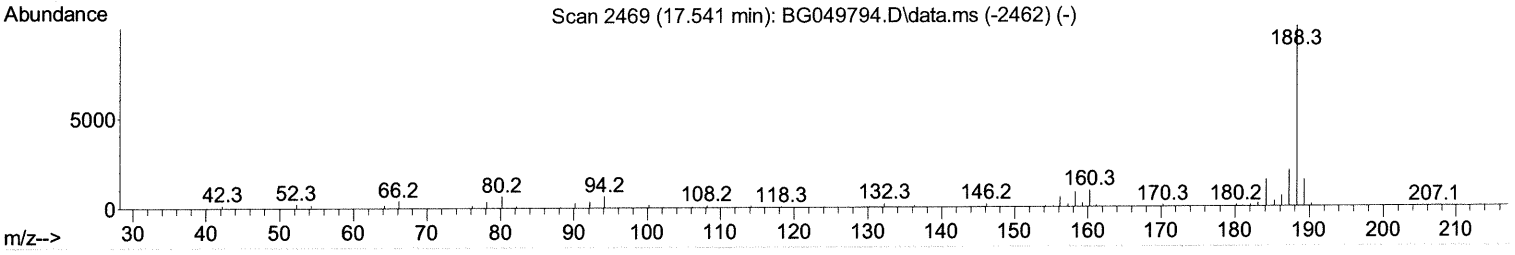

TIC: BG049800.D\data.ms

(73) Anthracene-d10 (S)

17.435min (-0.105) 21.18 ng/ul

response 167498

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	5.28
80.00	6.00	5.55
0.00	0.00	0.00

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mohammad
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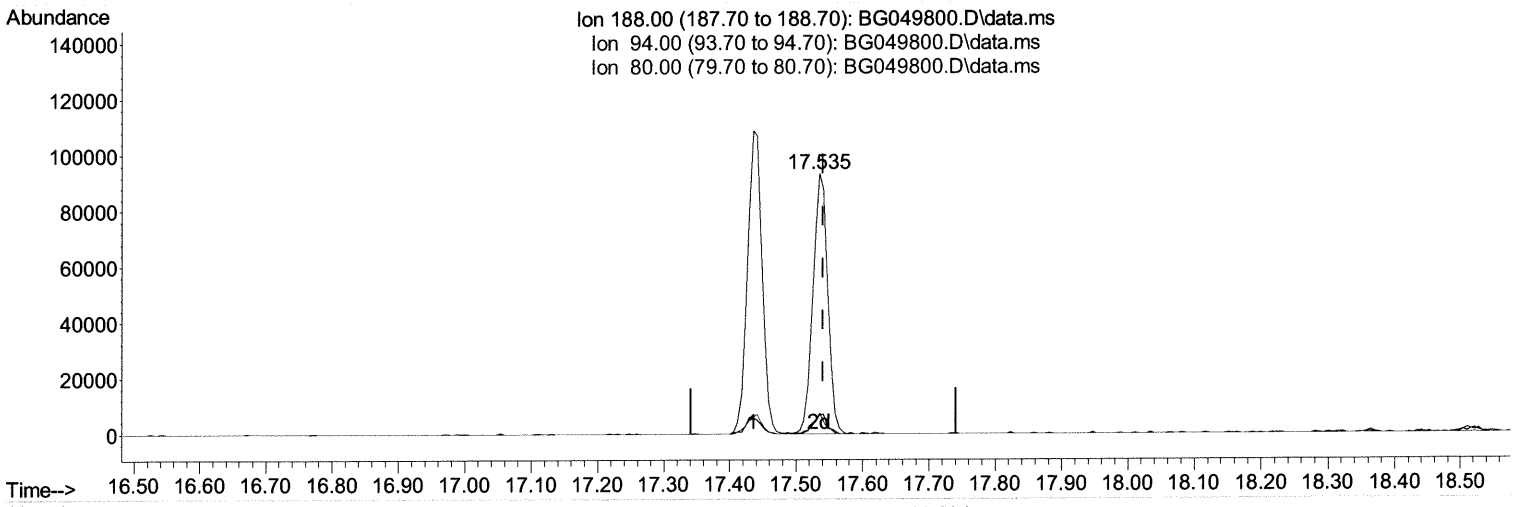

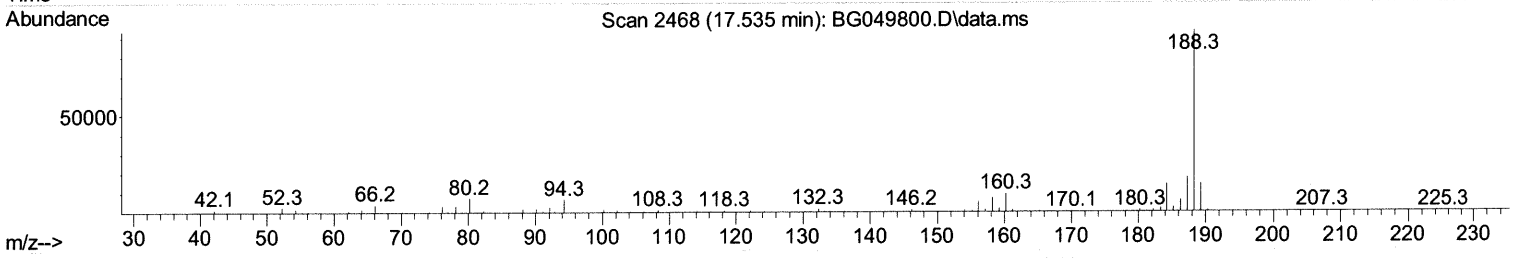

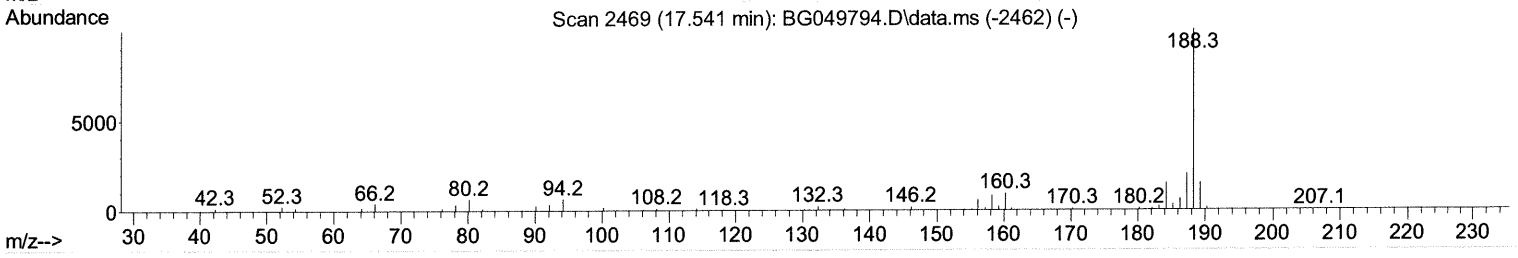

TIC: BG049800.D\data.ms

(73) Anthracene-d10 (S)

17.535min (-0.005) 18.08 ng/ul m

JG 8/13/21

response 142971

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	5.60	7.15#
80.00	6.00	7.83#
0.00	0.00	0.00

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Instrument :
BNA_G
ClientSampleId :
BGB11

Manual Integrations APPROVED
mohammad
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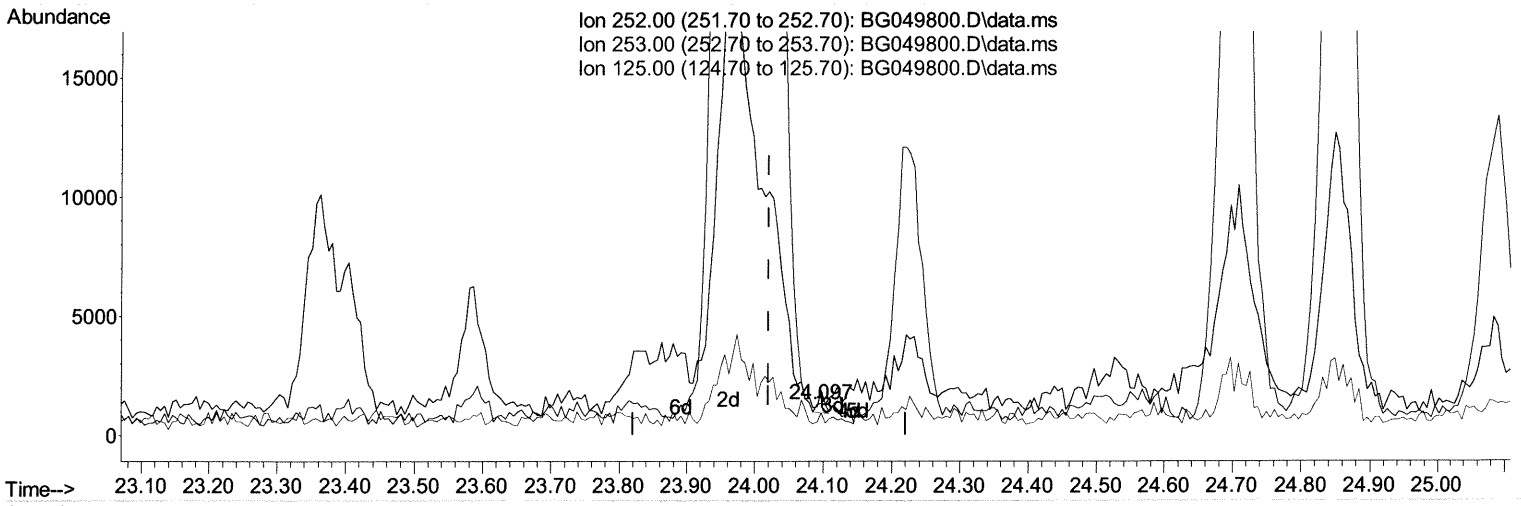

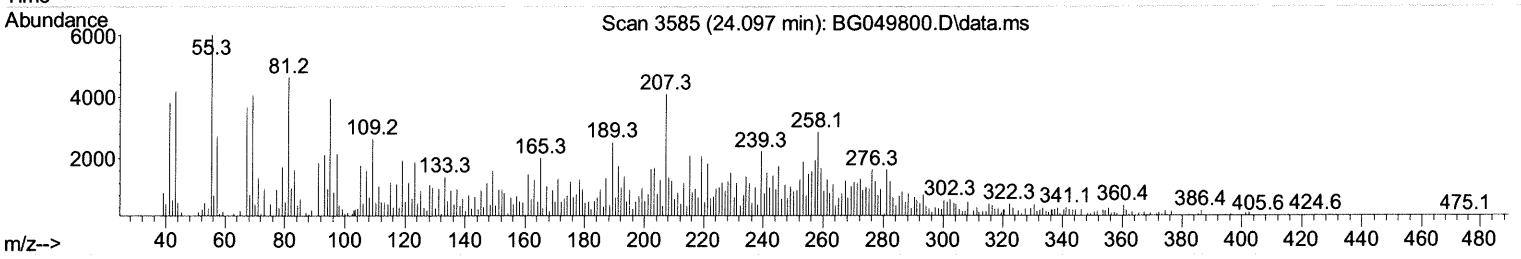

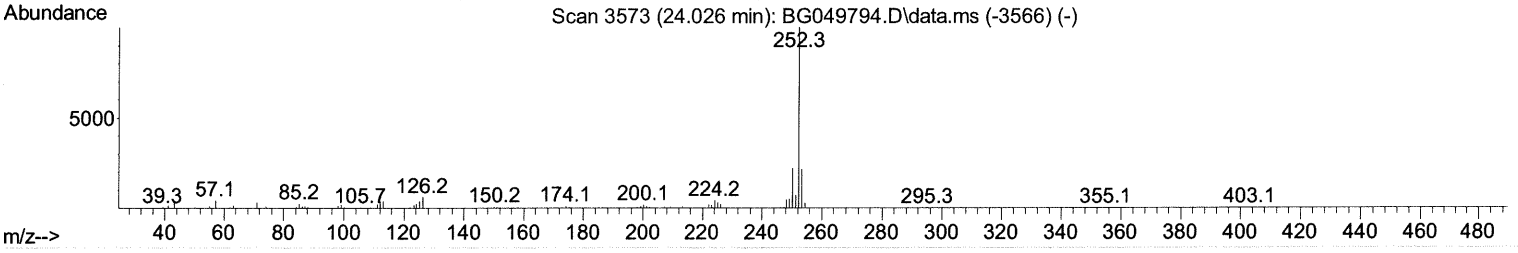

TIC: BG049800.D\data.ms

(91) Benzo(k)fluoranthene

24.097min (+ 0.077) 0.04 ng/ul

response 382

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	142.70#
125.00	4.80	70.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : M3287-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
BGB11

Manual Integrations APPROVED
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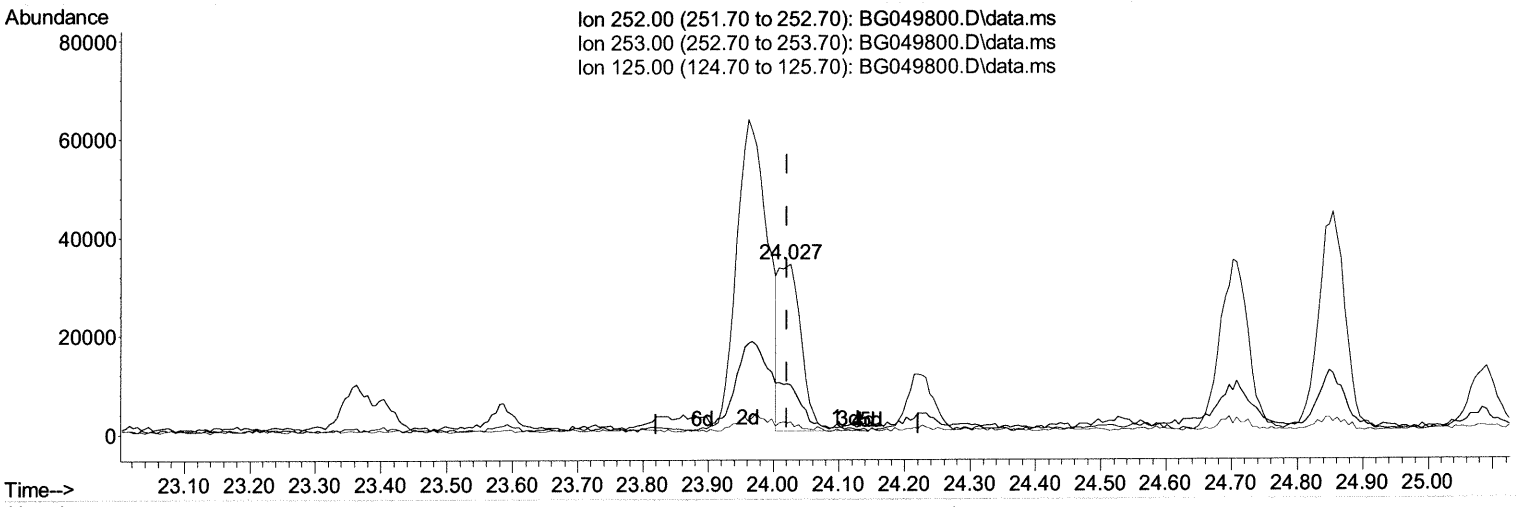
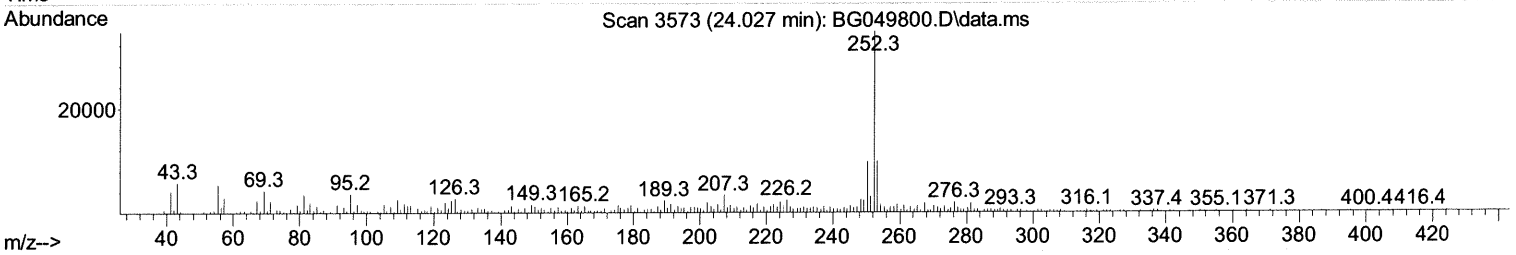
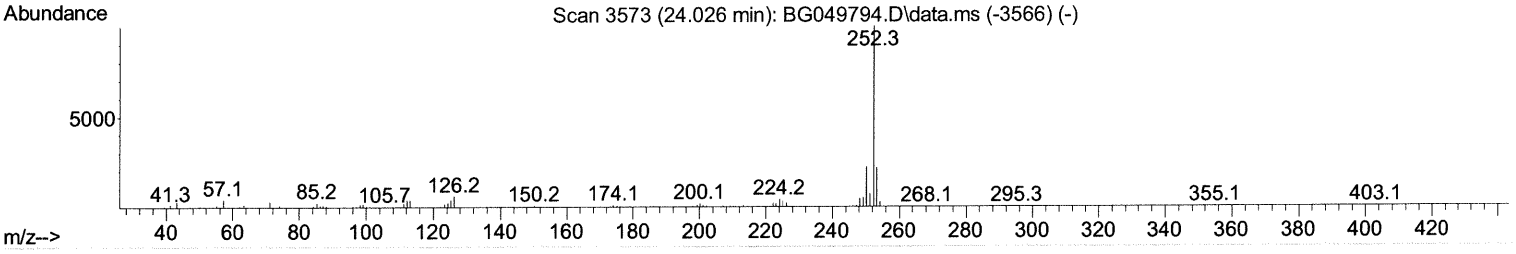
8/12/2021 1:34:52 PM







TIC: BG049800.D\data.ms

(91) Benzo(k)fluoranthene

24.027min (+ 0.006) 8.37 ng/ul m

JU 8/13/21

response 81417

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	28.80#
125.00	4.80	7.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
Data File : BG049800.D
Acq On : 11 Aug 2021 23:07
Operator : CG/JU
Sample : M3287-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 12 01:33:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BGB11

Manual Integrations APPROVED
mohammad
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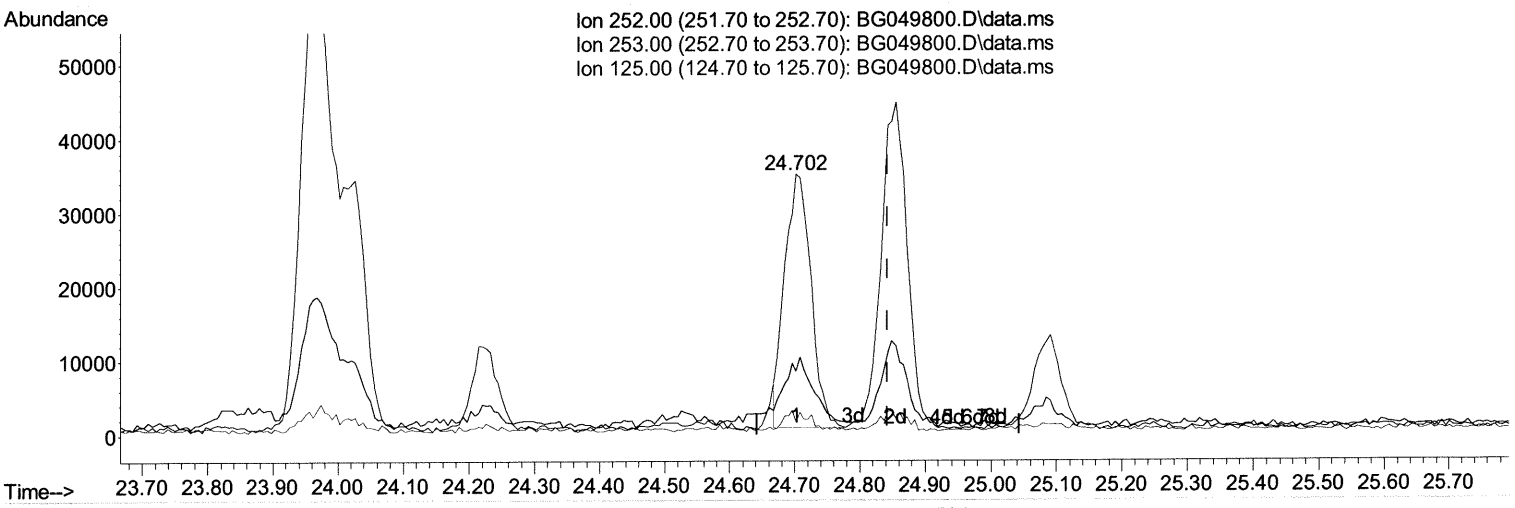

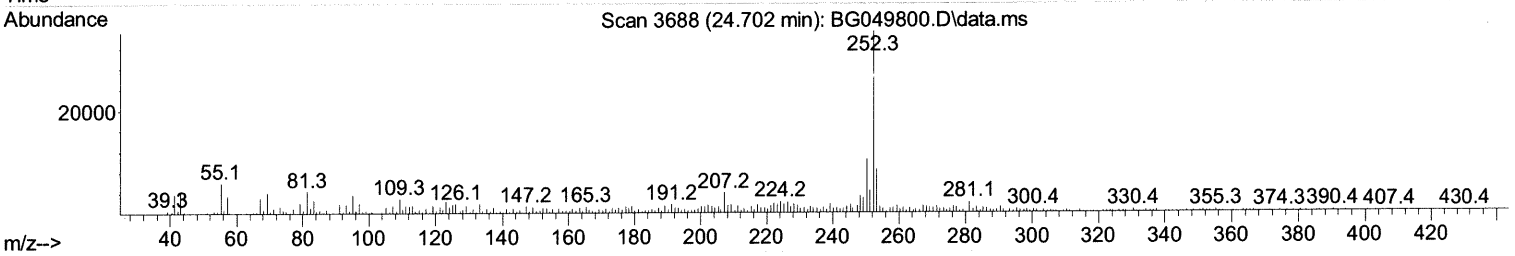

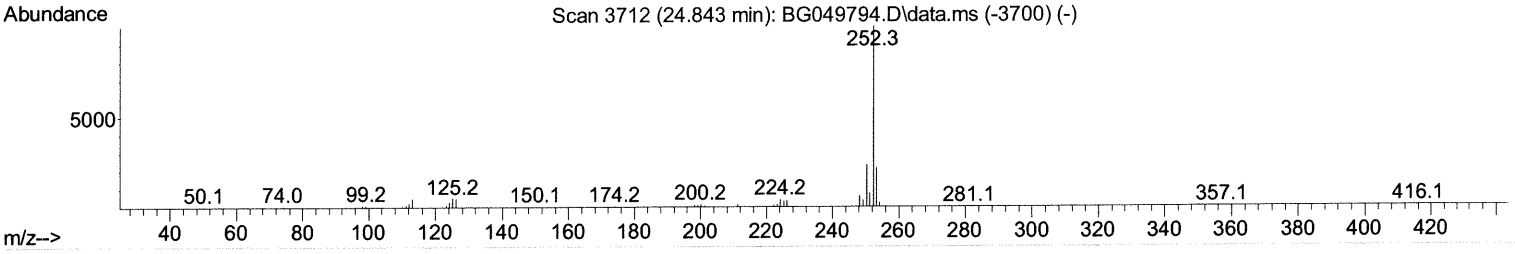

TIC: BG049800.D\data.ms

(93) Benzo(a)pyrene (C)

24.702min (-0.141) 11.13 ng/ul

response 95979

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.38
125.00	5.80	5.09
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : M3287-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 12 01:33:06 2021
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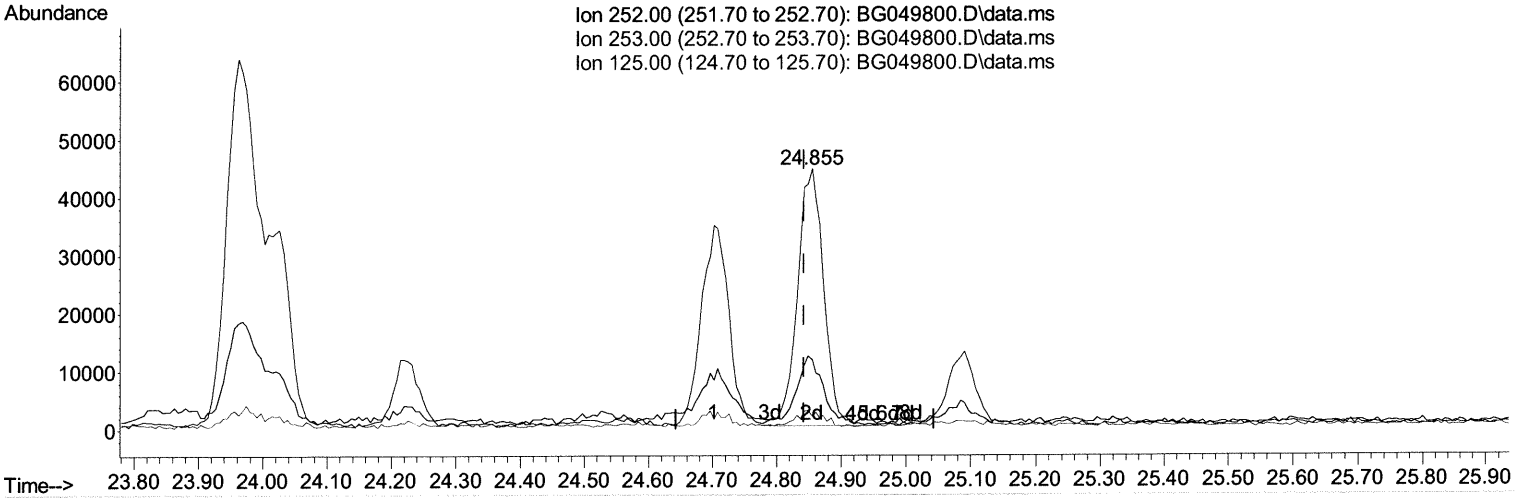
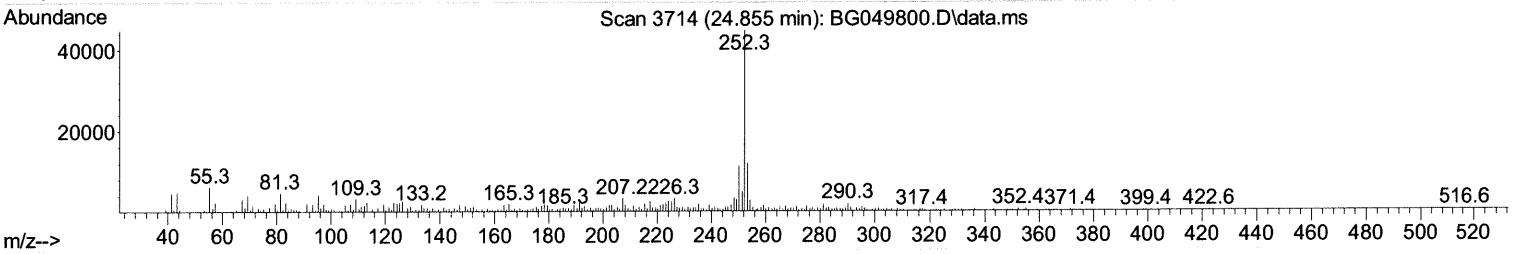
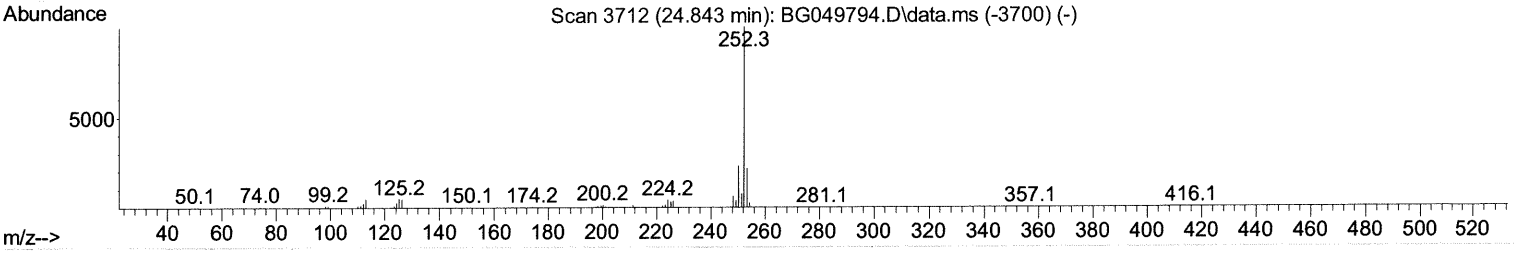
Instrument :
BNA_G
ClientSampleId :
BGB11

Manual Integrations APPROVED
mohammad
8/12/2021 1:34:52 PM







TIC: BG049800.D\data.ms

(93) Benzo(a)pyrene (C)

24.855min (+ 0.012) 14.44 ng/ul m JG 8/13/21

response 124489

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	26.81#
125.00	5.80	5.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 19 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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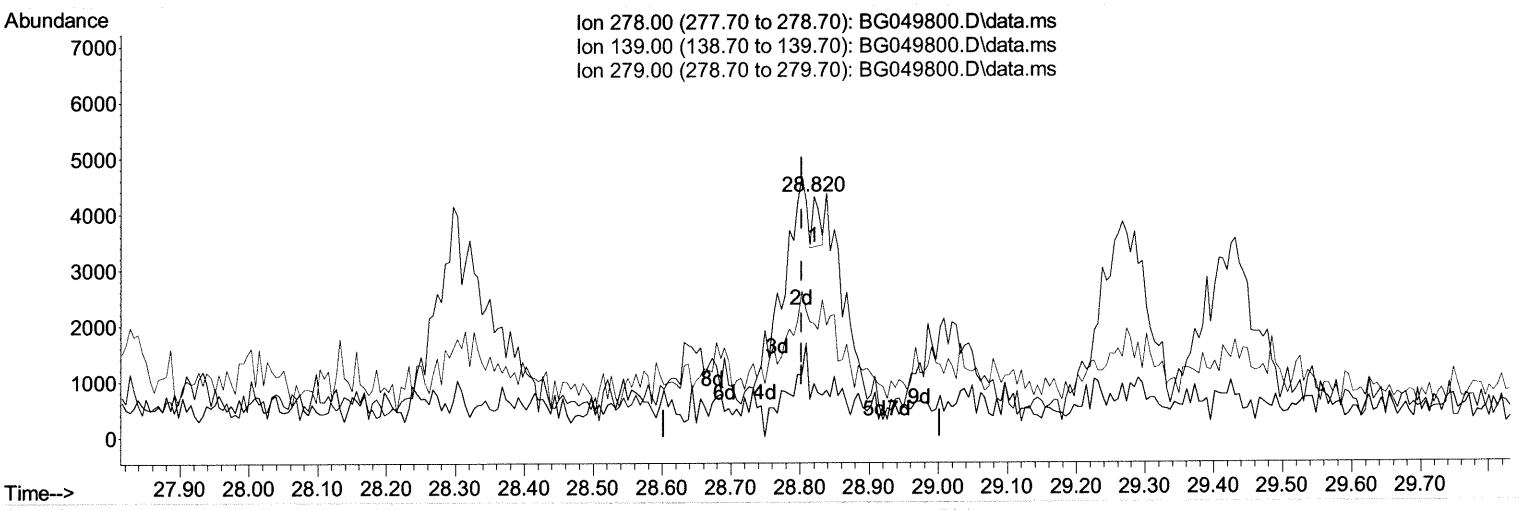

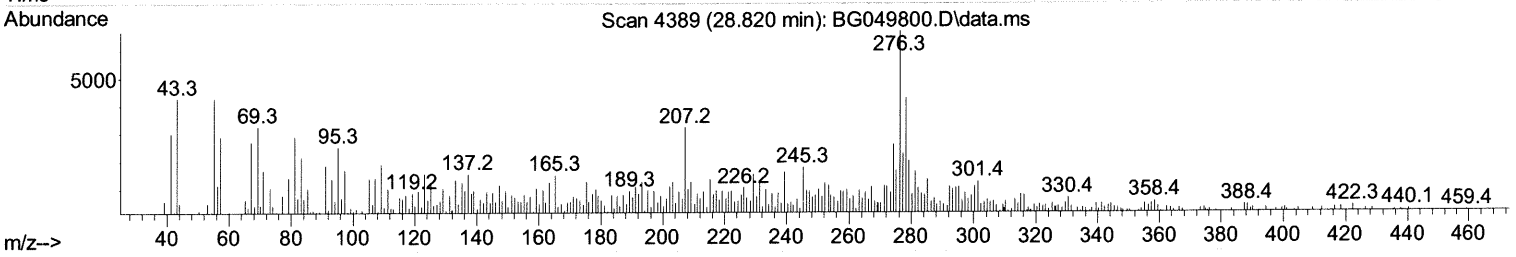

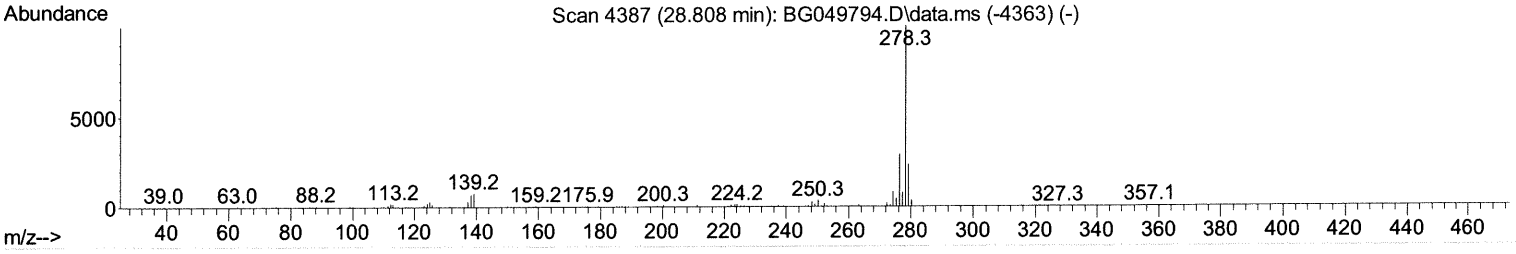

TIC: BG049800.D\data.ms

(95) Dibenzo(a,h)anthracene

28.820min (+ 0.018) 0.07 ng/ul

response 628

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	22.05#
279.00	23.60	47.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

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mohammad
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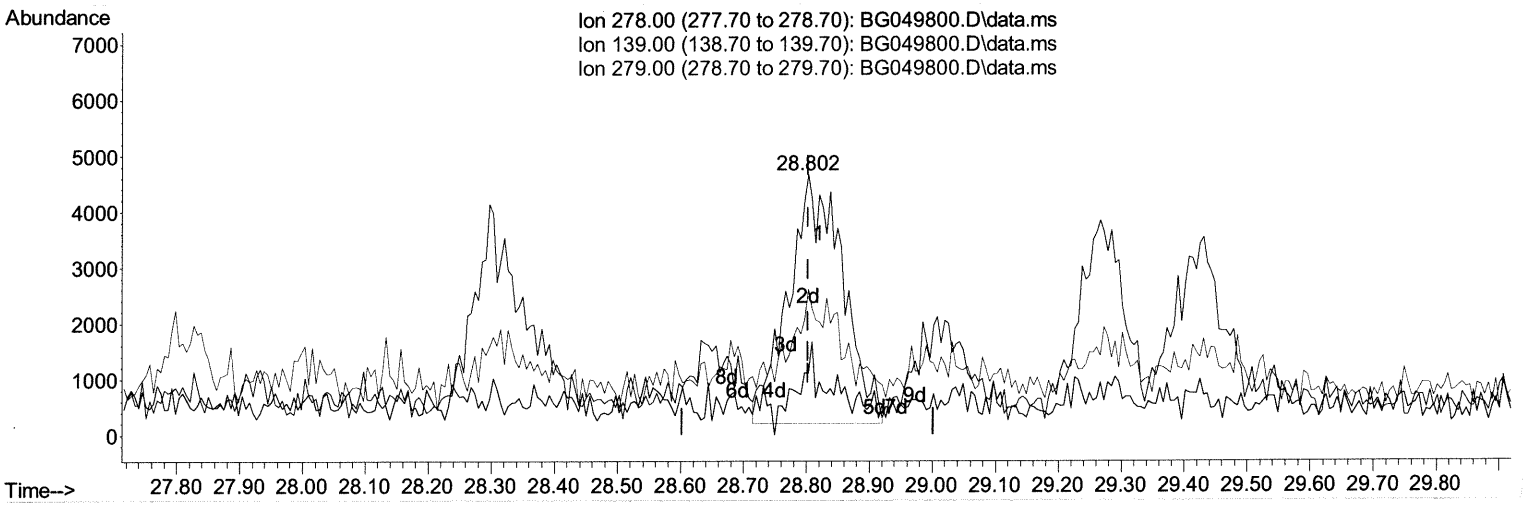

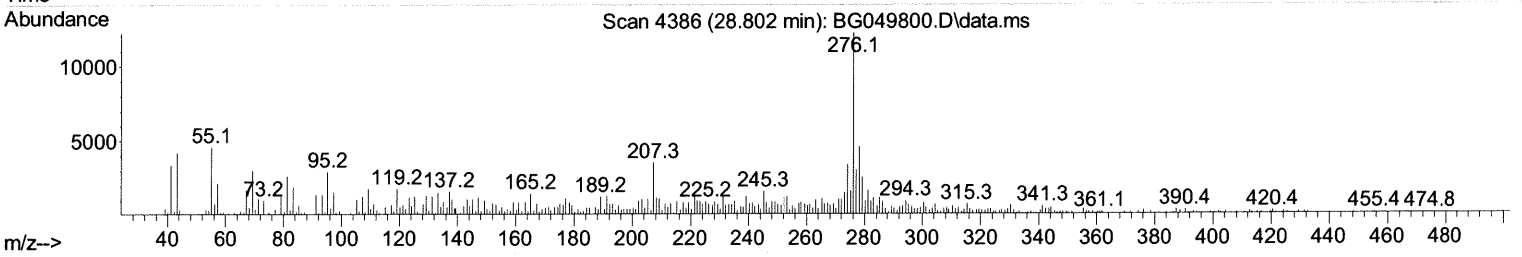

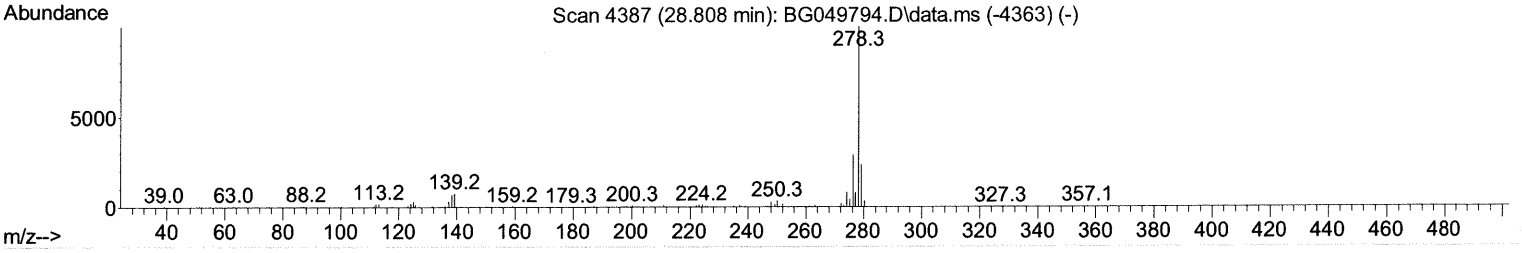

TIC: BG049800.D\data.ms

(95) Dibenzo(a,h)anthracene

28.802min (+ 0.000) 2.81 ng/ul m

JG 8/13/21

response 26539

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	7.90	12.27#
279.00	23.60	55.93#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	29770	20.000	ng/ul	0.00
20) Naphthalene-d8	10.856	136	126122	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.686	164	84553	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.435	188	167498	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.724	240	144884	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	149812	20.000	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.413	96	2046	3.213	ng/uL	0.00
4) Pyridine-d5	3.848	84	14660	7.672	ng/ul	0.00
7) Phenol-d5	7.196	99	40000	14.805	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	21570	13.899	ng/ul	0.00
11) 2-Chlorophenol-d4	7.566	132	30113	15.572	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	31350	15.218	ng/ul	0.00
21) Nitrobenzene-d5	9.205	128	16830	16.940	ng/ul	0.00
24) 2-Nitrophenol-d4	9.928	143	18840	16.605	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.480	165	35065	16.390	ng/ul	0.00
31) 4-Chloroaniline-d4	10.985	131	25832	8.820	ng/ul	0.00
46) Dimethylphthalate-d6	14.081	166	111129	16.748	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	137815	17.458	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	13409	12.499	ng/ul	0.00
60) Fluorene-d10	15.679	176	100780	17.670	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	13303	11.800	ng/ul	0.00
73) Anthracene-d10	17.535	188	142971m	18.083	ng/ul	0.00
81) Pyrene-d10	19.826	212	155117	19.431	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.784	264	137762	16.782	ng/ul	0.02
Target Compounds						Qvalue
50) Acenaphthylene	14.416	152	9702	1.303	ng/ul	95
72) Phenanthrene	17.482	178	60139	6.784	ng/ul	98
74) Anthracene	17.571	178	102034	11.506	ng/ul	99
77) Carbazole	17.841	167	9567	1.207	ng/ul#	91
80) Fluoranthene	19.491	202	384125	38.990	ng/ul	98
82) Pyrene	19.856	202	320650	32.632	ng/ul	99
85) Benzo(a)anthracene	21.700	228	183781	19.320	ng/ul	95
87) Chrysene	21.771	228	189264	21.304	ng/ul	97
90) Benzo(b)fluoranthene	23.962	252	206230	21.062	ng/ul#	87
91) Benzo(k)fluoranthene	24.027	252	81417m	8.374	ng/ul	
93) Benzo(a)pyrene	24.855	252	124489m	14.442	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.779	276	70700	6.250	ng/ul#	90
95) Dibenzo(a,h)anthracene	28.802	278	26539m	2.812	ng/ul	
96) Benzo(g,h,i)perylene	29.966	276	52293	5.559	ng/ul#	86

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JU 8/13/21

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