

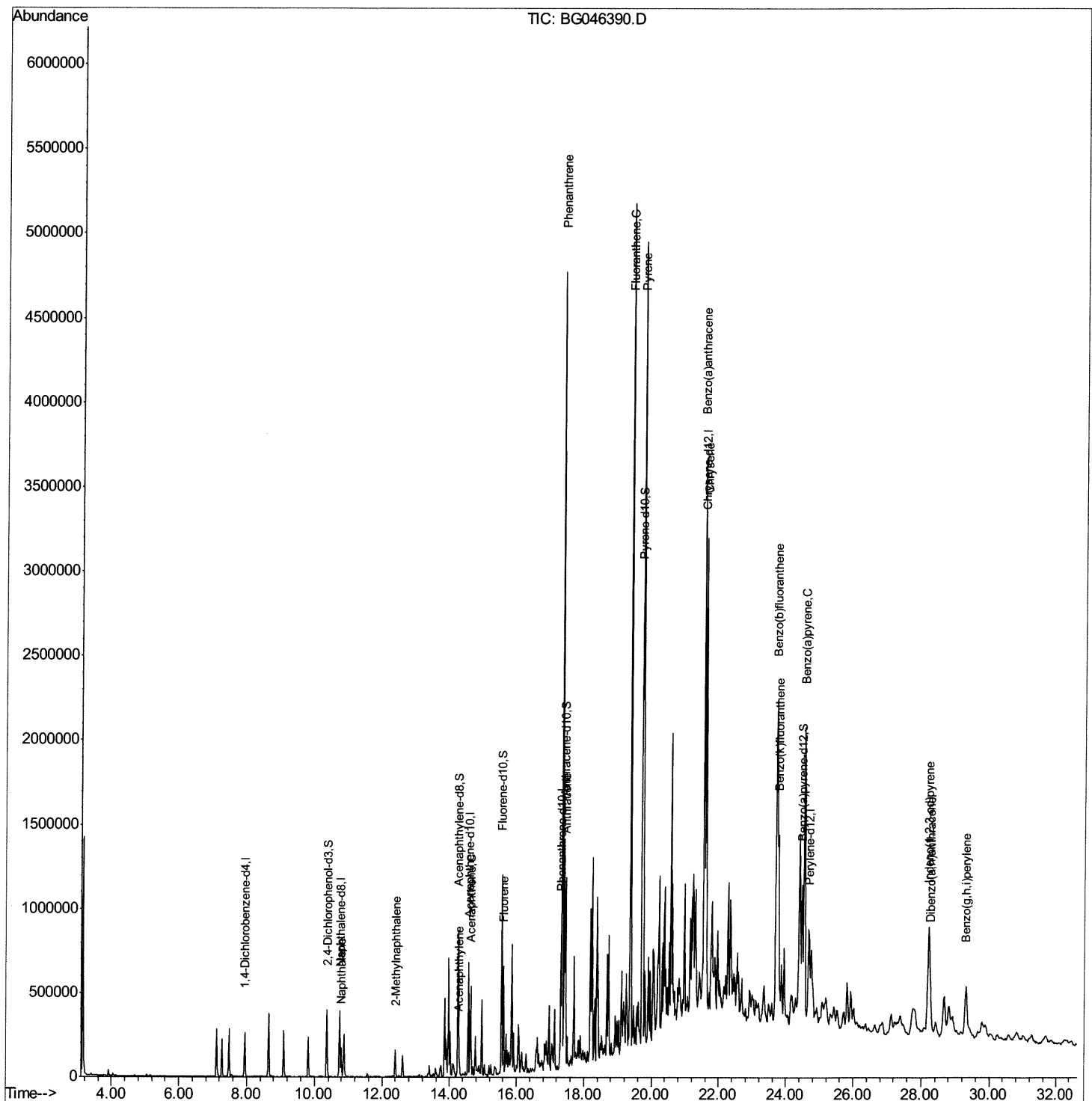
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMF0

Manual Integrations
APPROVED

mohammad
8/21/2020 12:47:54 PM

Quant Time: Aug 21 01:41:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 00:37:00 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

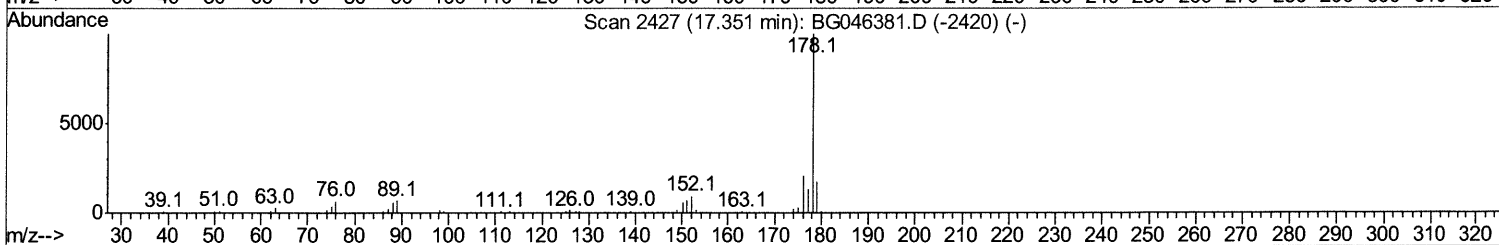
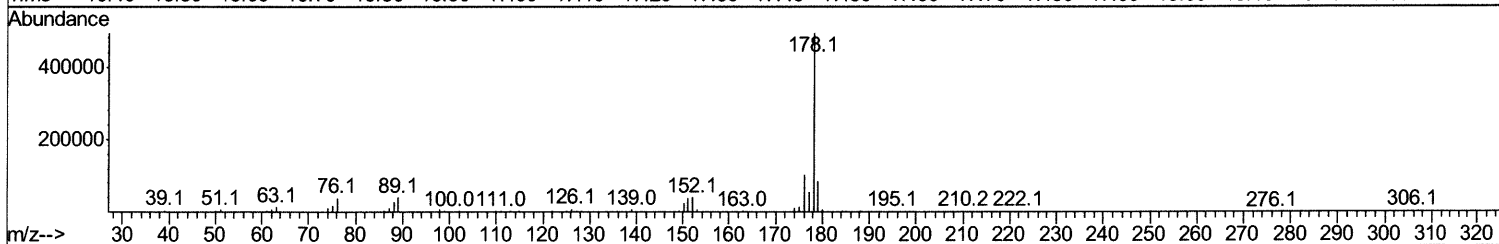
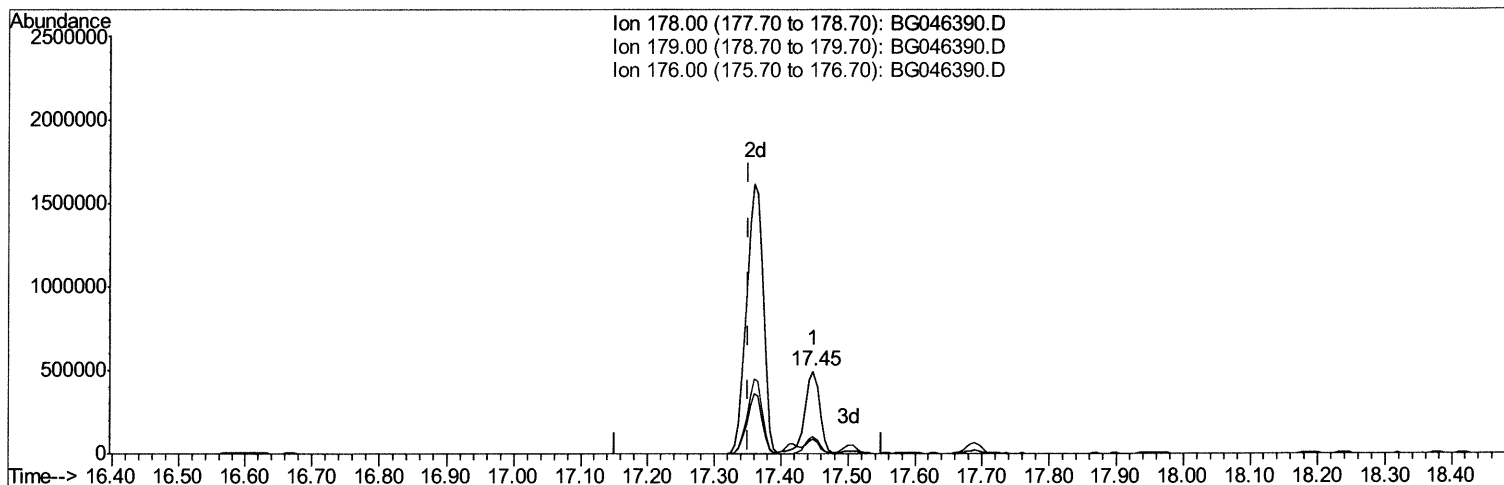
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TIC: BG046390.D

(14) Phenanthrene

17.448min (+0.097) 26.93ng/ul

response 760272

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	17.20
176.00	19.80	20.60
0.00	0.00	0.00

Quantitation Report (Qedit)

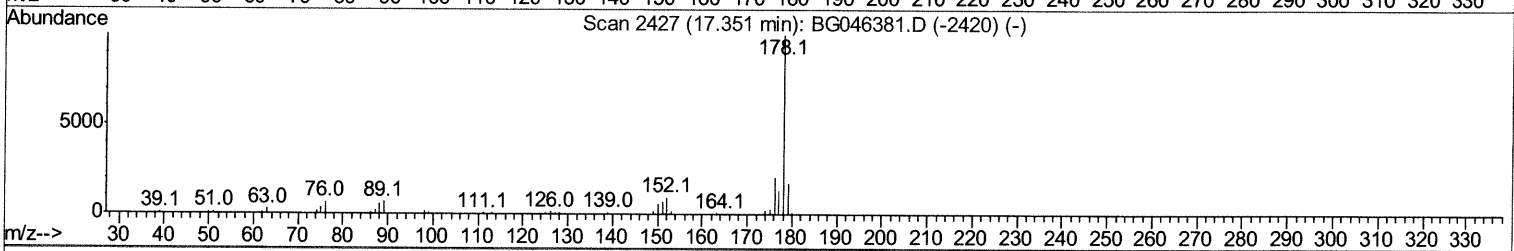
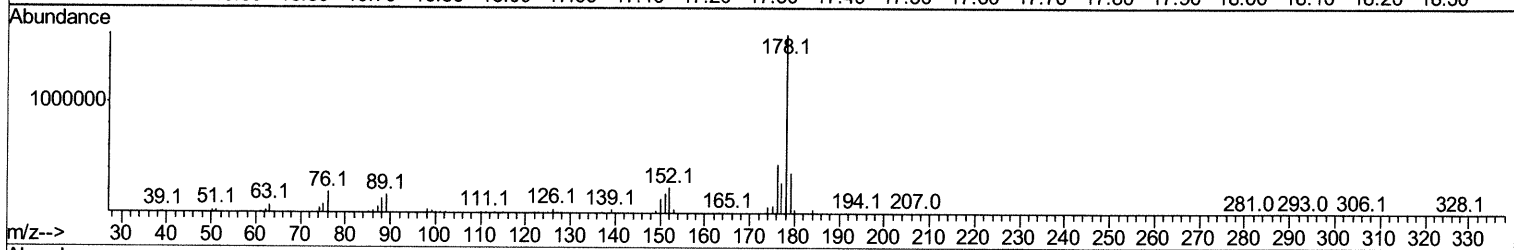
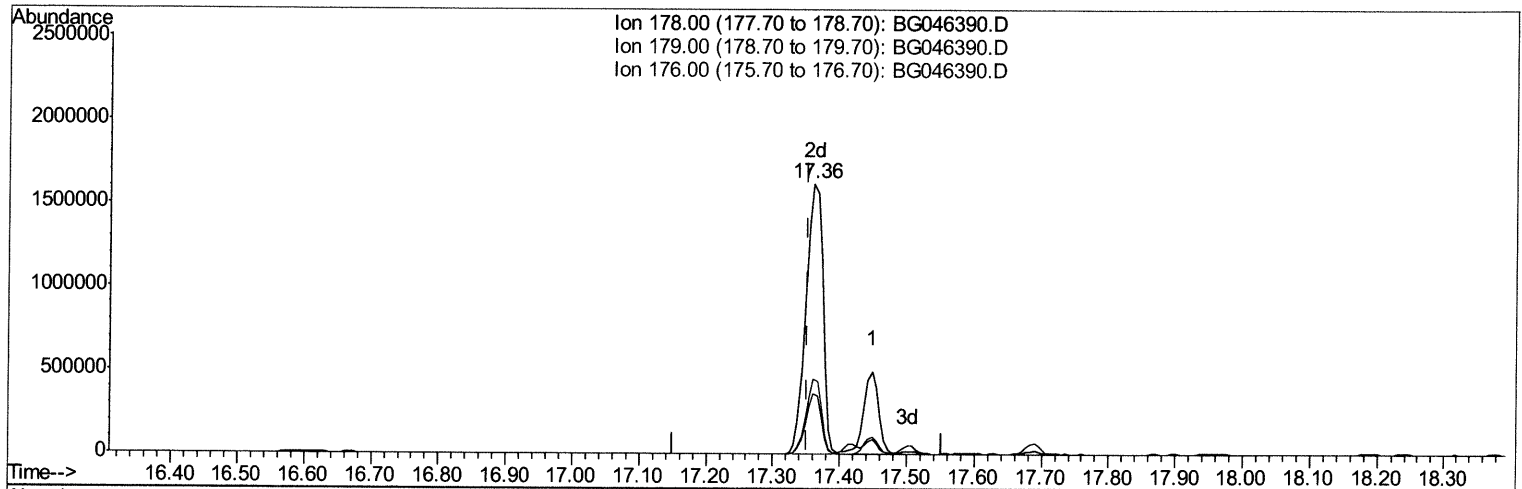
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TIC: BG046390.D

(14) Phenanthrene

17.360min (+0.009) 101.38ng/ul m

response 2861849

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	22.43#
176.00	19.80	27.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

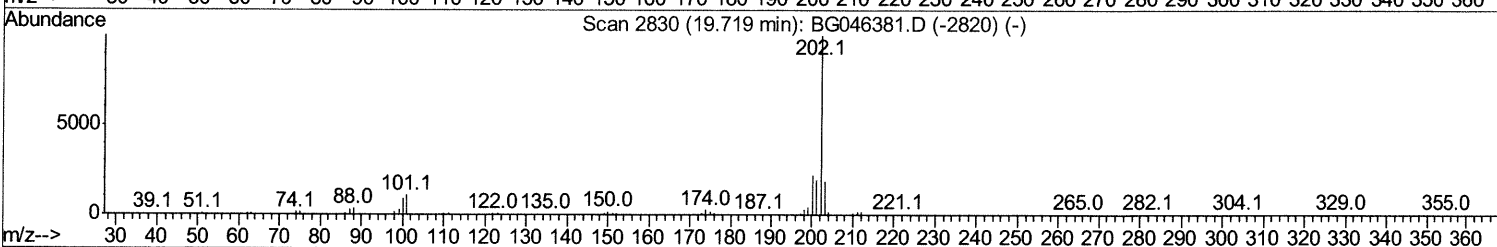
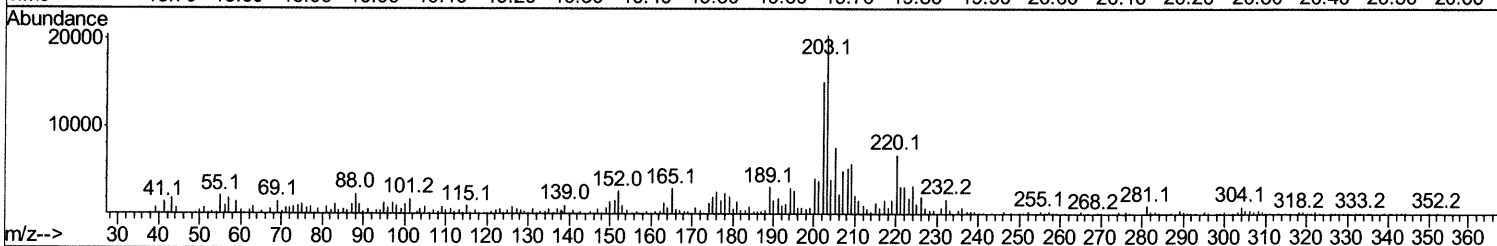
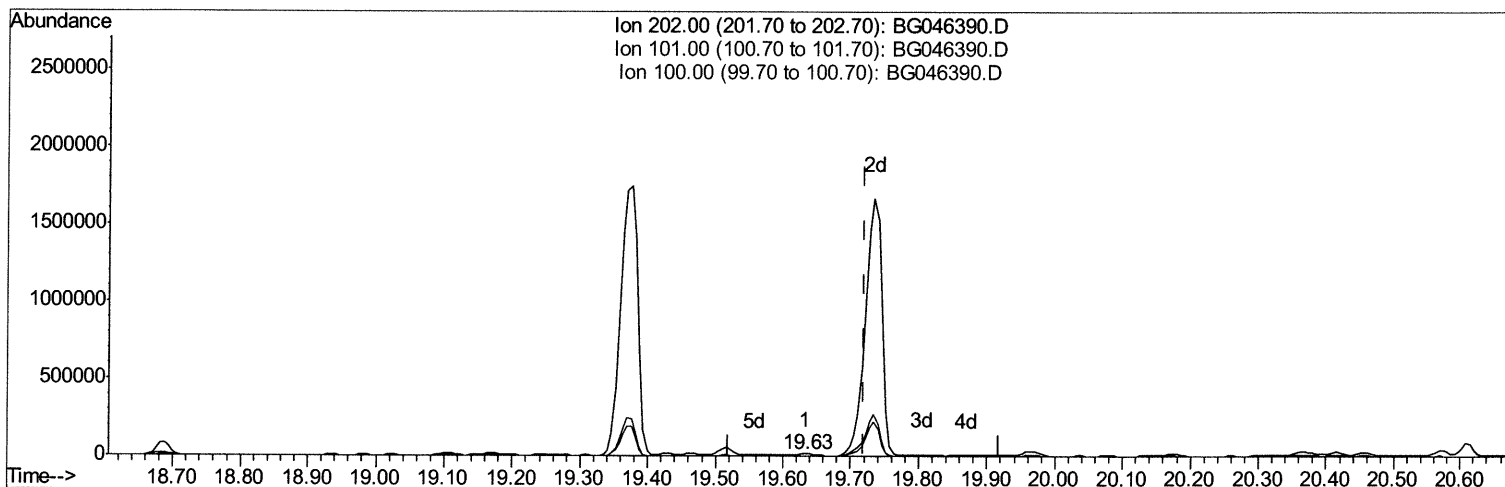
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Manual Integrations
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TIC: BG046390.D

(20) Pyrene

19.634min (-0.085) 0.69ng/ul

response 22824

Ion	Exp%	Act%
202.00	100	100
101.00	11.10	12.03
100.00	9.90	8.25
0.00	0.00	0.00

Quantitation Report (Qedit)

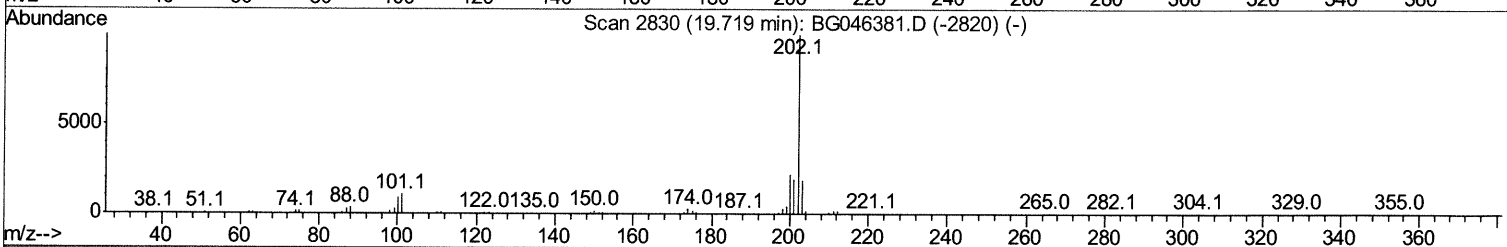
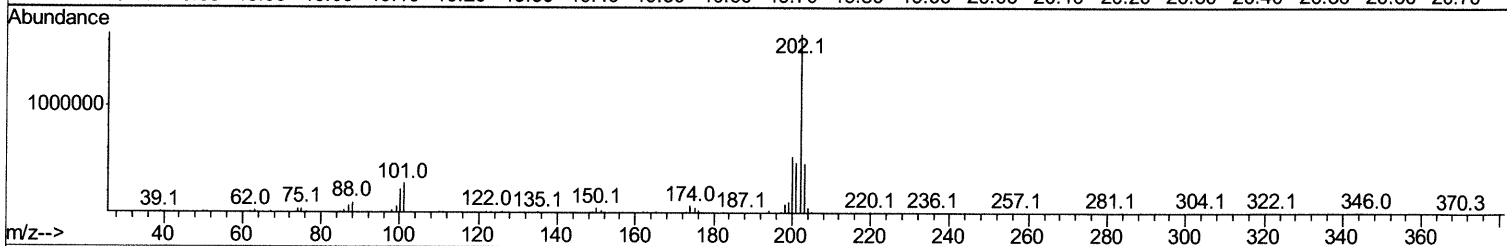
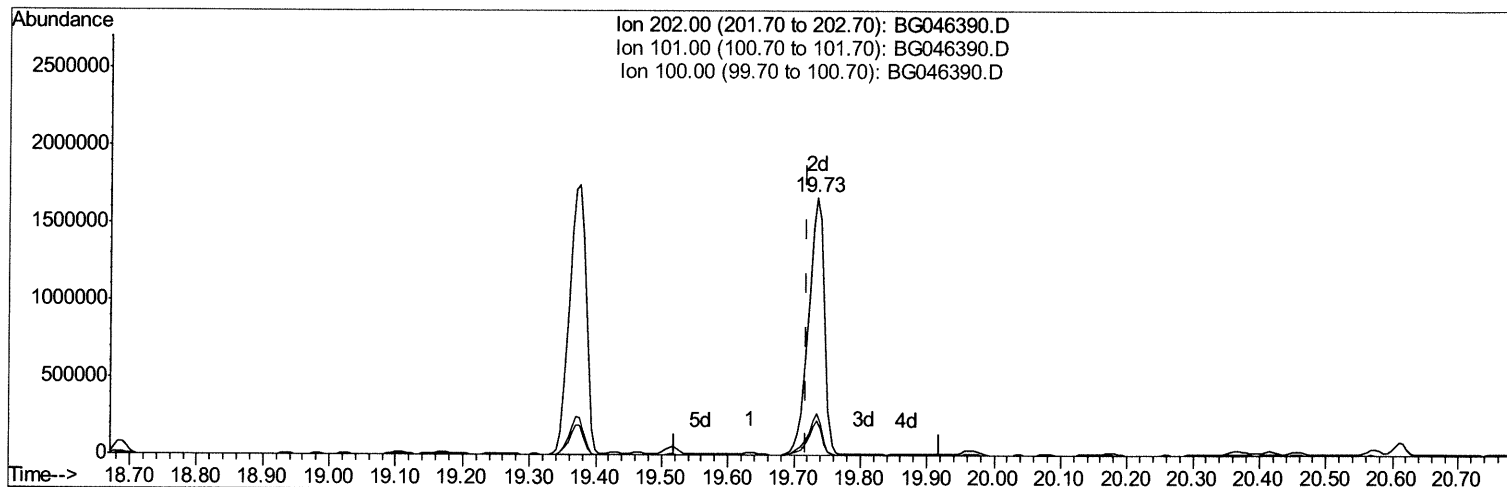
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046390.D
 Acq On : 20 Aug 2020 22:38
 Operator : CG/JU
 Sample : L3634-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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TIC: BG046390.D

(20) Pyrene

19.734min (+0.015) 85.51ng/ul m

response 2811405

Ion	Exp%	Act%
202.00	100	100
101.00	11.10	16.25#
100.00	9.90	13.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

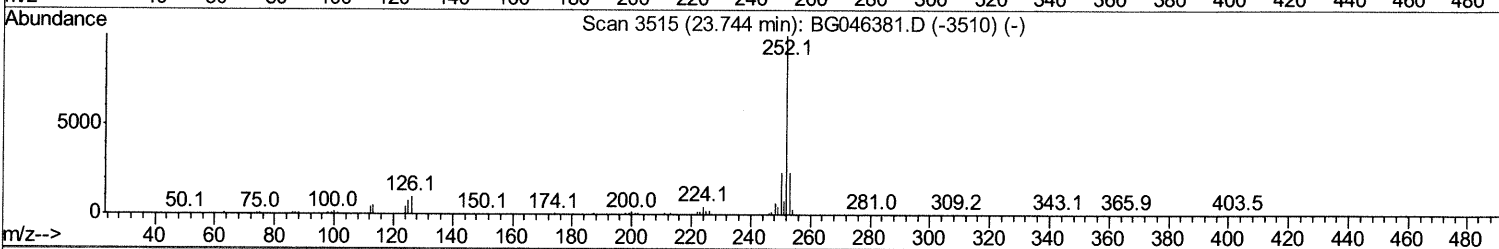
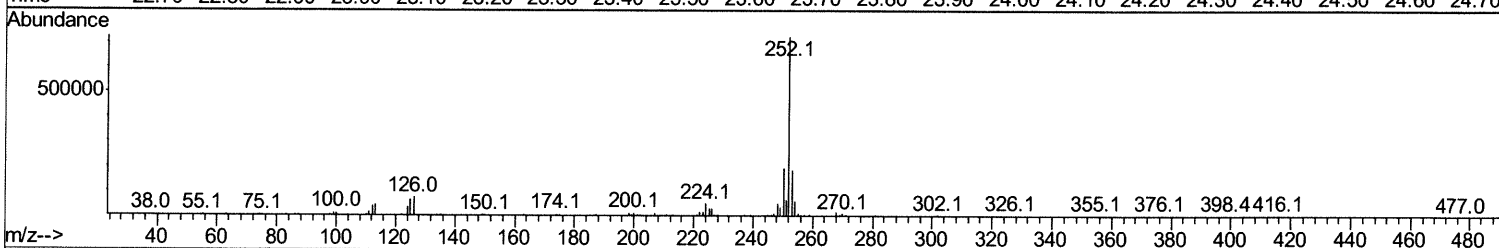
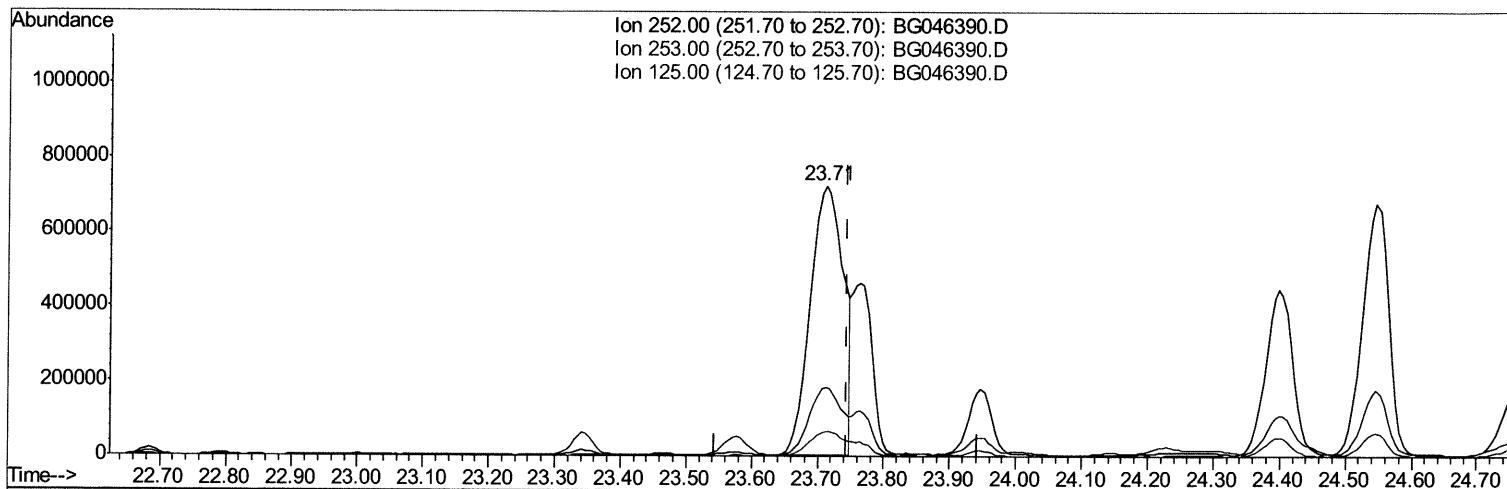
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMF0

Manual Integrations
APPROVED

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Quant Time: Aug 21 00:39:41 2020
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TIC: BG046390.D

(25) Benzo(k)fluoranthene

23.712min (-0.032) 68.98ng/ui

response 2500715

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	25.57
125.00	7.70	8.97
0.00	0.00	0.00

Quantitation Report (Qedit)

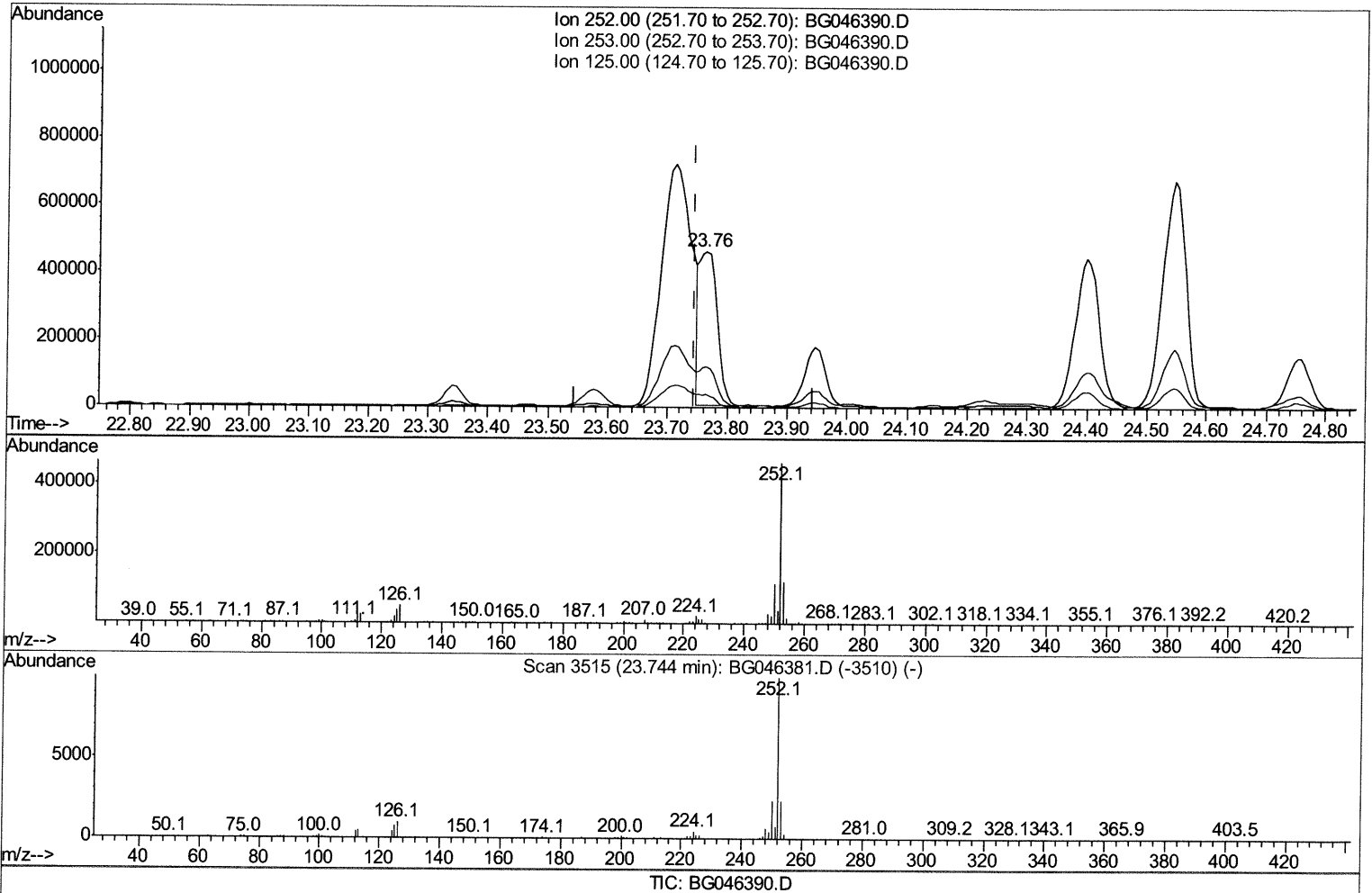
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMF0

Manual Integrations
APPROVED

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Quant Time: Aug 21 00:39:41 2020
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Response via : Initial Calibration



(25) Benzo(k)fluoranthene

23.764min (+0.021) 26.41ng/ul m

response 957457

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	25.86
125.00	7.70	8.39
0.00	0.00	0.00

Quantitation Report (Qedit)

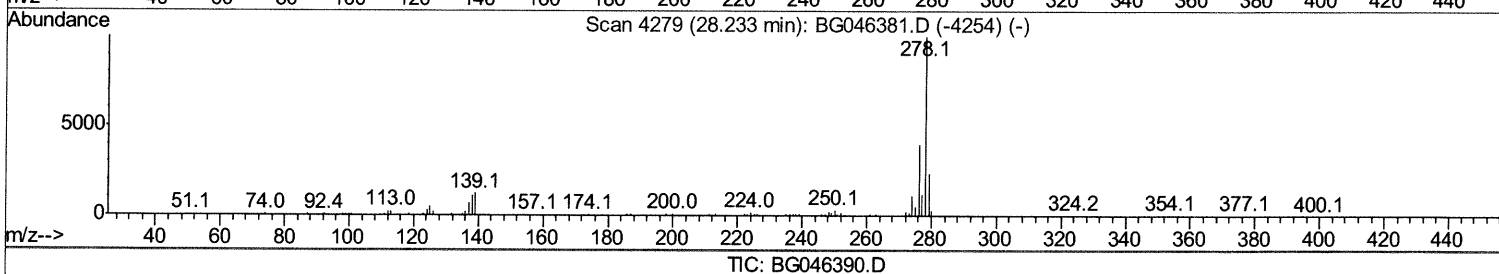
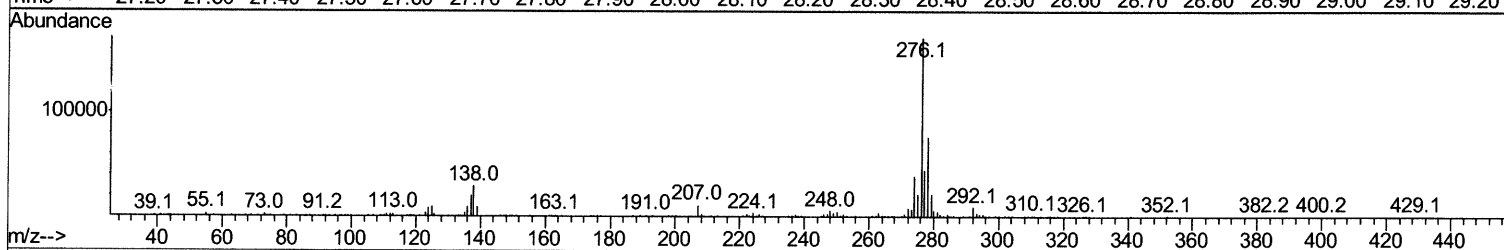
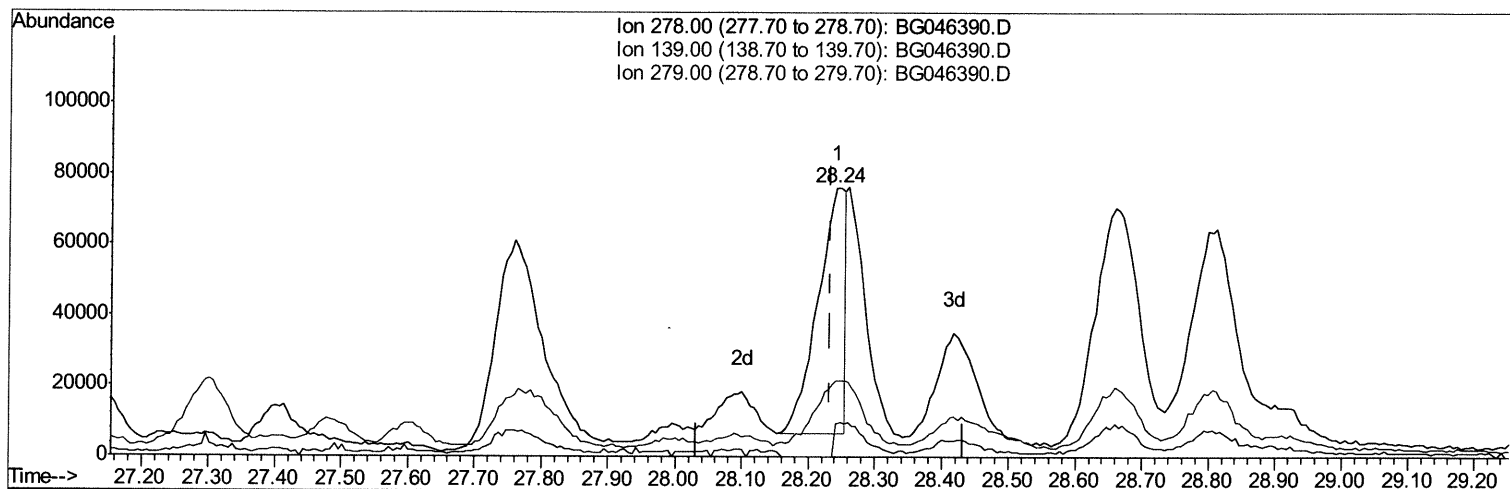
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMF0

Manual Integrations
APPROVED

mohammad
8/21/2020 12:47:54 PM

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(29) Dibenzo(a,h)anthracene

28.242min (+0.009) 5.81ng/ul

response 197999

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	12.39
279.00	24.60	28.13
0.00	0.00	0.00

Quantitation Report (Qedit)

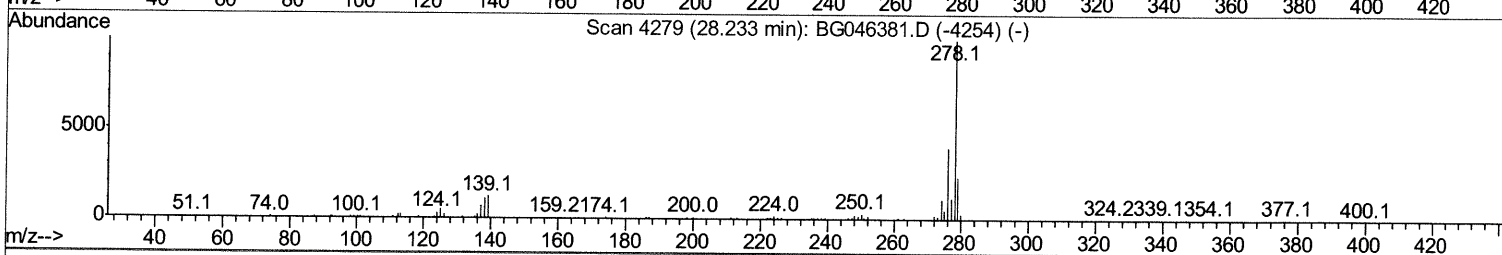
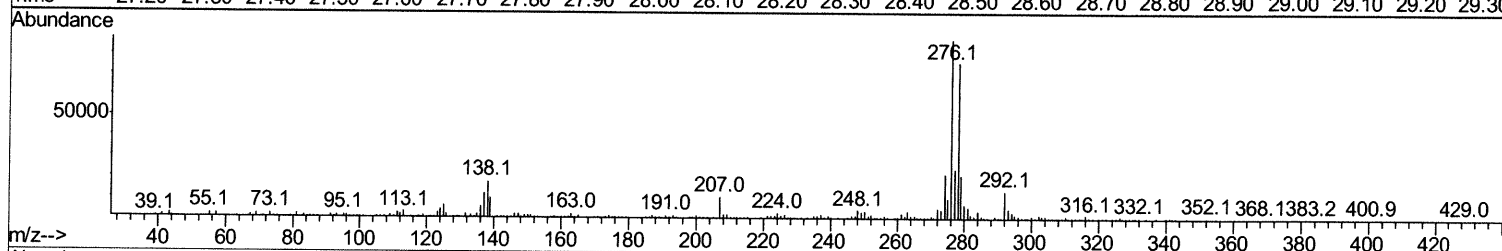
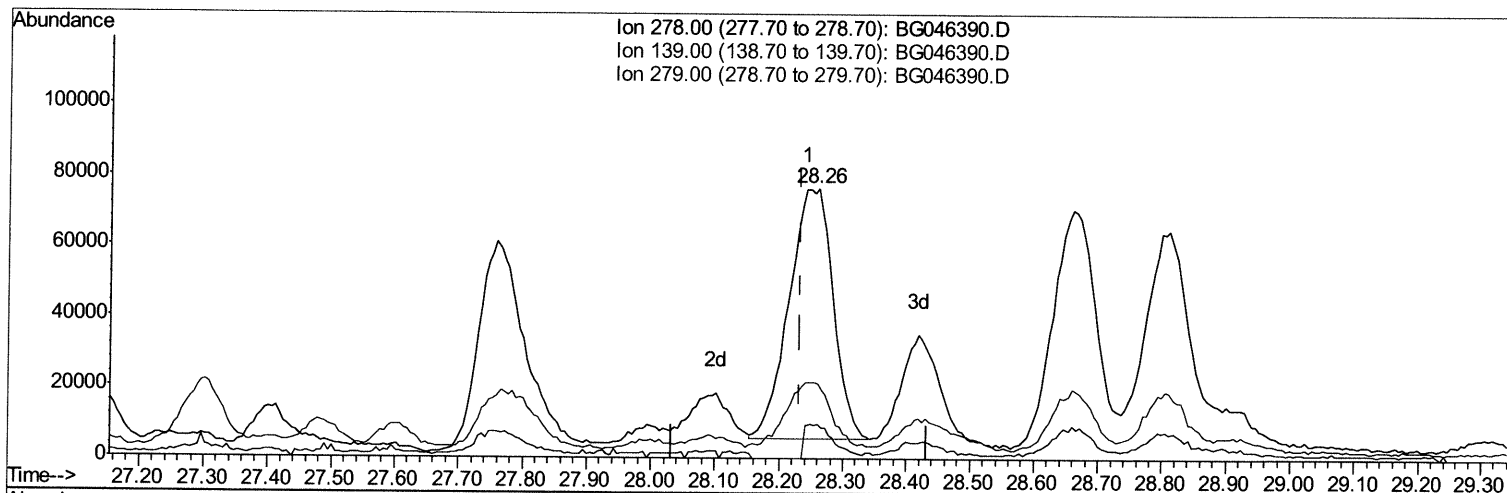
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046390.D
 Acq On : 20 Aug 2020 22:38
 Operator : CG/JU
 Sample : L3634-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMFO

Manual Integrations
 APPROVED

mohammad
 8/21/2020 12:47:54 PM

Quant Time: Aug 21 01:39:23 2020
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BG046390.D

(29) Dibenzo(a,h)anthracene

28.259min (+0.027) 9.89ng/ul m

response 336809

Ion	Exp%	Act%
278.00	100	100
139.00	12.30	12.78
279.00	24.60	27.73
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	83785	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	348091	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	234503	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	513124	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	500873	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	552652	20.00	ng/ul	0.02

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.36	165	179652	29.97	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	651853	30.20	ng/ul	0.00
10) Fluorene-d10	15.56	176	495725	29.98	ng/ul	0.00
15) Anthracene-d10	17.41	188	708851	29.80	ng/ul	0.00
19) Pyrene-d10	19.70	212	794847	30.83	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.48	264	919246	30.48	ng/ul	0.03

Target Compounds

						Qvalue
4) Naphthalene	10.79	128	144085	7.958	ng/ul	99
5) 2-Methylnaphthalene	12.40	142	79091	5.730	ng/ul	94
8) Acenaphthylene	14.29	152	67917	3.095	ng/ul	96
9) Acenaphthene	14.63	153	234221	14.949	ng/ul	98
11) Fluorene	15.62	166	278284	15.190	ng/ul	96
14) Phenanthrene	17.36	178	2861849m	101.380	ng/ul	97
16) Anthracene	17.45	178	763392	26.802	ng/ul	97
17) Fluoranthene	19.38	202	3089269	98.145	ng/ul#	89
20) Pyrene	19.73	202	2811405m	85.511	ng/ul	90
21) Benzo(a)anthracene	21.55	228	2027582	62.218	ng/ul#	91
22) Chrysene	21.61	228	1877125	59.585	ng/ul#	91
24) Benzo(b)fluoranthene	23.71	252	2500715	68.427	ng/ul	94
25) Benzo(k)fluoranthene	23.76	252	957457m	26.411	ng/ul	94
27) Benzo(a)pyrene	24.55	252	1820422	54.257	ng/ul	94
28) Indeno(1,2,3-cd)pyrene	28.22	276	1098376	26.145	ng/ul	99
29) Dibenzo(a,h)anthracene	28.26	278	336809m	9.888	ng/ul	99
30) Benzo(a,h,i)perylene	29.31	276	625790	17.799	ng/ul	99

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