

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051421\
 Data File : BM030031.D
 Acq On : 14 May 2021 23:30
 Operator : CG/JU
 Sample : M2194-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YARR4

Manual Integrations
 APPROVED

mohammad
 5/16/2021 12:20:37 AM

Quant Time: May 15 02:55:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 17:21:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2076	0.40	ng/ul	0.00
4) Naphthalene-d8	10.31	136	8786	0.40	ng/ul	-0.02
9) Acenaphthene-d10	14.19	164	5205	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.93	188	9071m	0.40	ng/ul	-0.01
17) Chrysene-d12	21.13	240	7362	0.40	ng/ul	0.00
23) Perylene-d12	23.28	264	10721	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	13225	4.09	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.93	152	3911	0.31	ng/ul	0.00
18) Fluoranthene-d10	18.97	212	10526	0.46	ng/ul	0.00
Target Compounds						
15) Phenanthrene	16.97	178	1211	0.044	ng/ul#	75
19) Fluoranthene	19.00	202	2373	0.080	ng/ul#	87
20) Pyrene	19.36	202	2503	0.080	ng/ul#	70

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

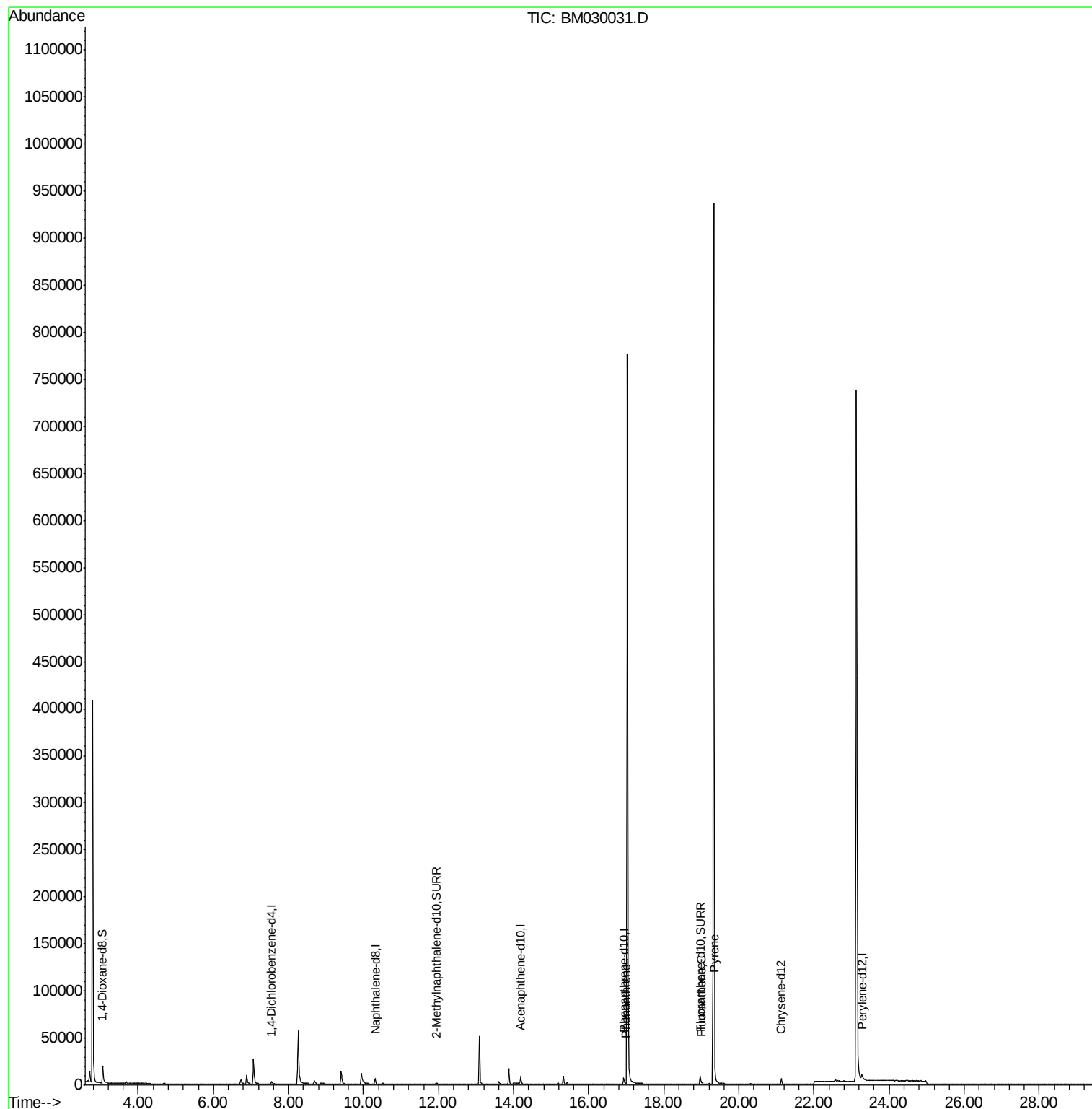
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051421\
Data File : BM030031.D
Acq On : 14 May 2021 23:30
Operator : CG/JU
Sample : M2194-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

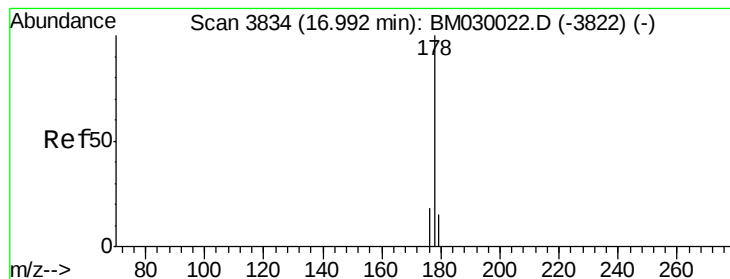
Instrument :
BNA_M
ClientSampleId :
YARR4

Manual Integrations
APPROVED

mohammad
5/16/2021 12:20:37 AM

Quant Time: May 15 02:55:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 17:21:45 2021
Response via : Initial Calibration





#15

Phenanthrene

Concen: 0.044 ng/ul

RT: 16.97 min Scan# 3829

Delta R.T. -0.01 min

Lab File: BM030031.D

Acq: 14 May 2021 23:30

Instrument :

BNA_M

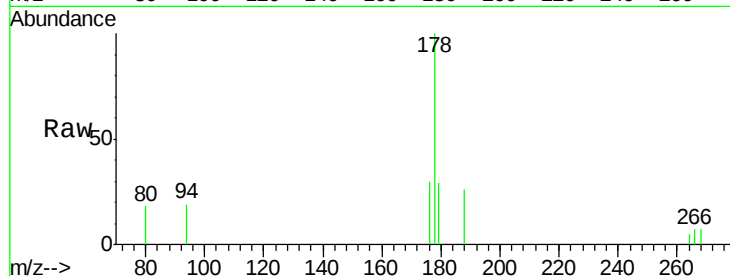
ClientSampleId :

YARR4

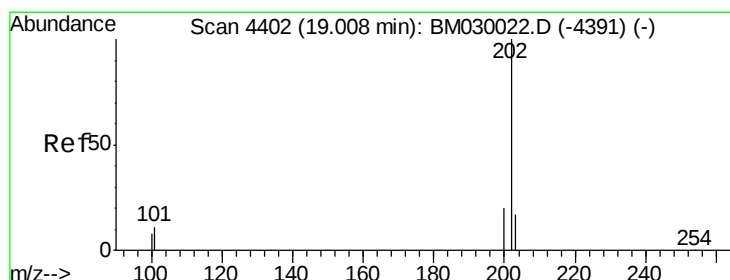
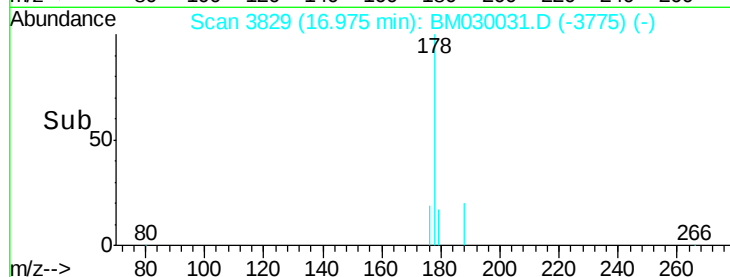
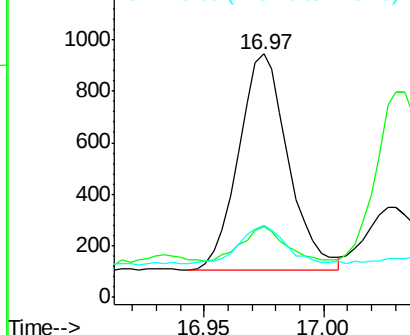
Tgt Ion:	178	Resp:	1211
Ion Ratio	Lower	Upper	
178	100		
179	29.1	13.4	20.2#
176	29.6	15.8	23.8#

Manual Integrations
APPROVED

mohammad
5/16/2021 12:20:37 AM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#19

Fluoranthene

Concen: 0.080 ng/ul

RT: 19.00 min Scan# 4399

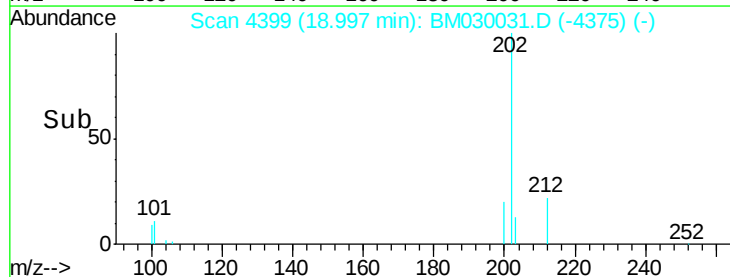
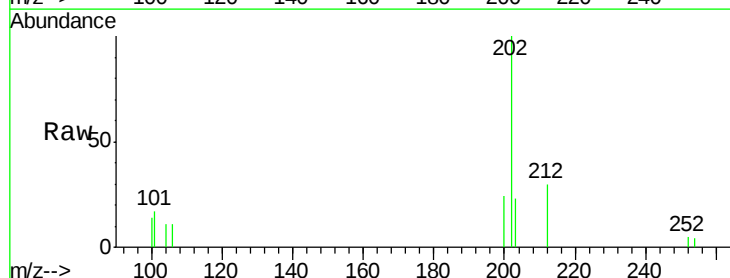
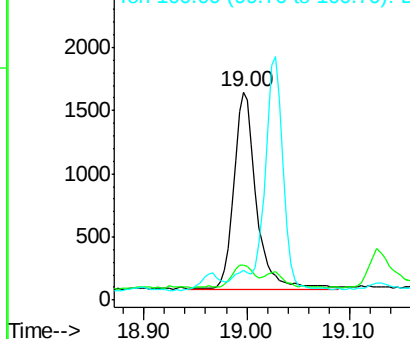
Delta R.T. -0.01 min

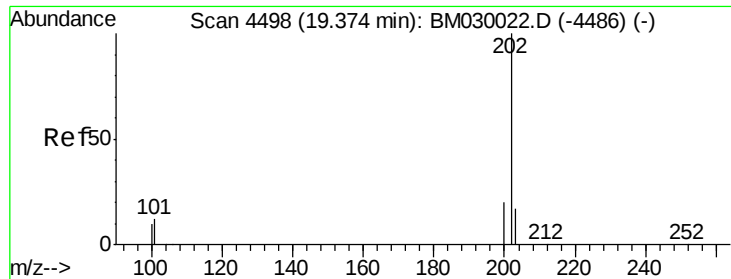
Lab File: BM030031.D

Acq: 14 May 2021 23:30

Tgt Ion:	202	Resp:	2373
Ion Ratio	Lower	Upper	
202	100		
101	17.0	9.5	14.3#
100	14.1	7.4	11.2#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





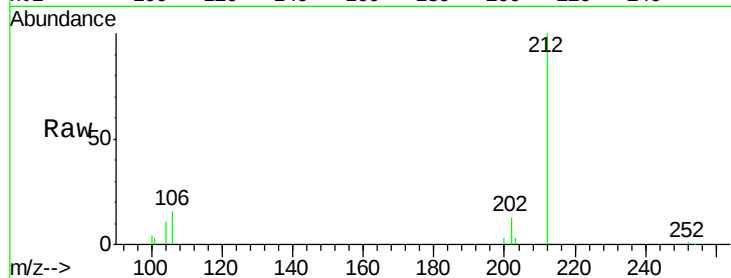
#20
 Pyrene
 Concen: 0.080 ng/ul
 RT: 19.36 min Scan# 4493
 Delta R.T. -0.02 min
 Lab File: BM030031.D
 Acq: 14 May 2021 23:30

Instrument :
 BNA_M
 ClientSampleId :
 YARR4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	20.4	10.6	16.0#
100	27.9	8.9	13.3#

Manual Integrations
 APPROVED

mohammad
 5/16/2021 12:20:37 AM



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

