

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045516.D
 Acq On : 23 Apr 2024 16:33
 Operator : MA/JU
 Sample : P2104-14
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/26/2024

Quant Time: Apr 24 05:19:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	1337	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.319	136	3805	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.206	164	1806	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	3434m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.195	240	3019	0.400	ng/ul	0.00
23) Perylene-d12	23.381	264	3644m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	4837	2.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	946	0.189	ng/ul	0.00
18) Fluoranthene-d10	19.011	212	1743	0.183	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.006	178	551m	0.055	ng/ul	
19) Fluoranthene	19.044	202	827	0.059	ng/ul#	89
20) Pyrene	19.401	202	636	0.044	ng/ul#	74
21) Benzo(a)anthracene	21.186	228	349	0.036	ng/ul#	56
22) Chrysene	21.233	228	434	0.029	ng/ul#	67
24) Benzo(b)fluoranthene	22.729	252	656	0.054	ng/ul#	1

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

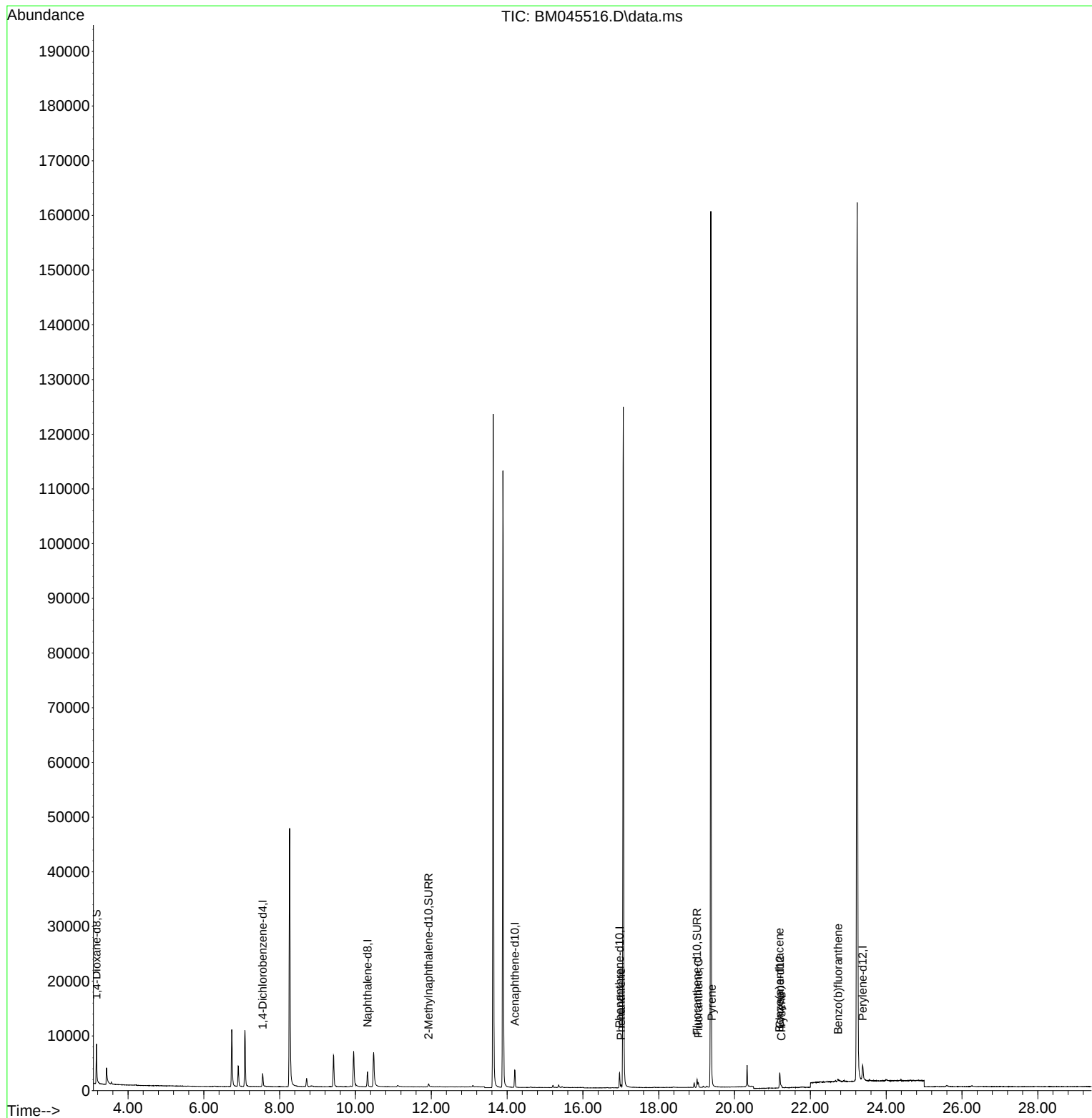
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045516.D
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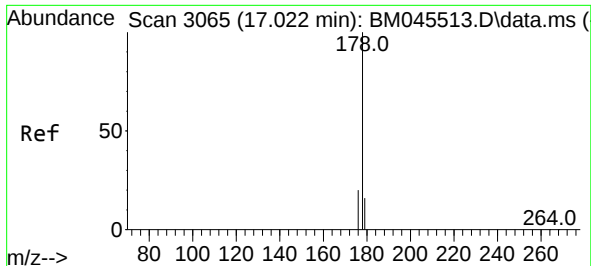
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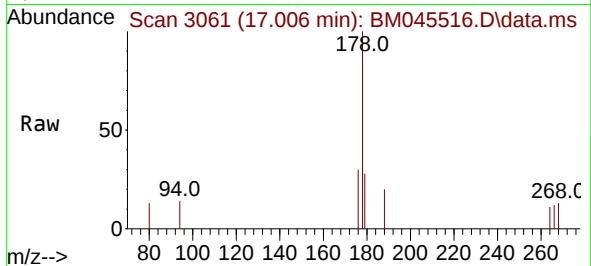
Quant Time: Apr 24 05:19:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
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#15
Phenanthrene
Concen: 0.055 ng/ul m
RT: 17.006 min Scan# 3061
Delta R.T. -0.016 min
Lab File: BM045516.D
Acq: 23 Apr 2024 16:33

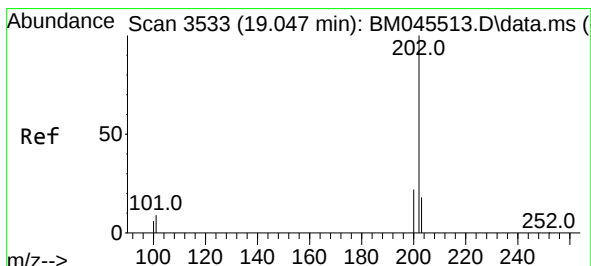
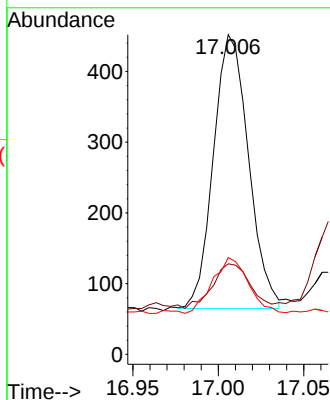
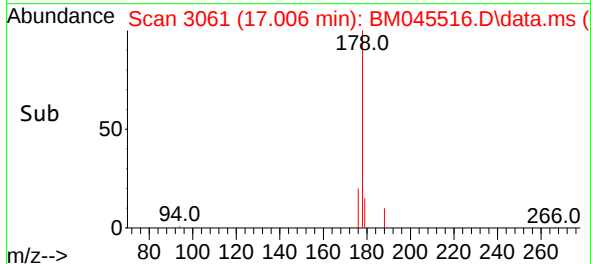
Instrument :
BNA_M
ClientSampleId :
C0AC5



Tgt Ion:178 Resp: 55
Ion Ratio Lower Upper
178 100
179 28.3 15.4 23.2
176 30.3 19.0 28.4

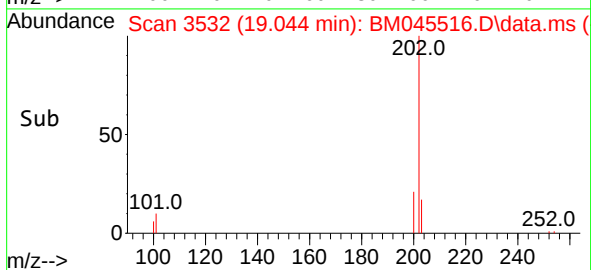
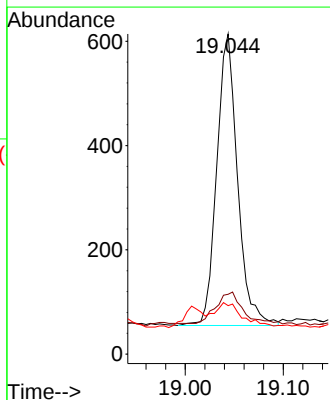
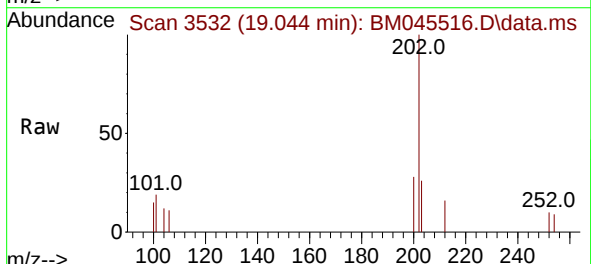
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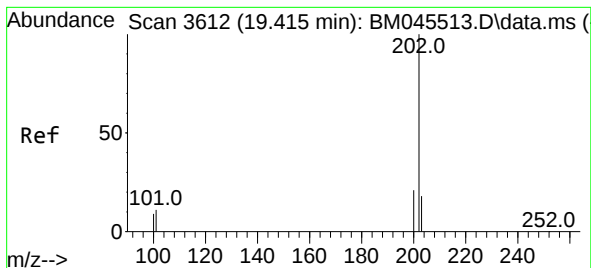
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/26/2024



#19
Fluoranthene
Concen: 0.059 ng/ul
RT: 19.044 min Scan# 3532
Delta R.T. -0.004 min
Lab File: BM045516.D
Acq: 23 Apr 2024 16:33

Tgt Ion:202 Resp: 827
Ion Ratio Lower Upper
202 100
101 18.7 11.2 16.8#
100 15.1 9.1 13.7#





#20

Pyrene

Concen: 0.044 ng/ul

RT: 19.401 min Scan# 30

Delta R.T. -0.013 min

Lab File: BM045516.D

Acq: 23 Apr 2024 16:33

Instrument :

BNA_M

ClientSampleId :

C0AC5

Tgt Ion:202 Resp: 630

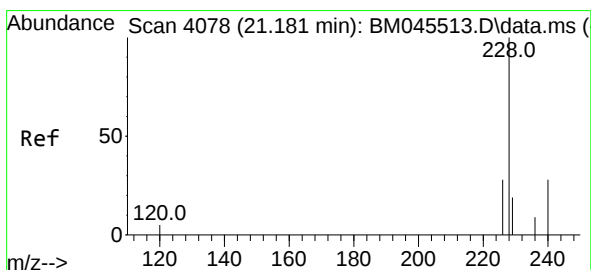
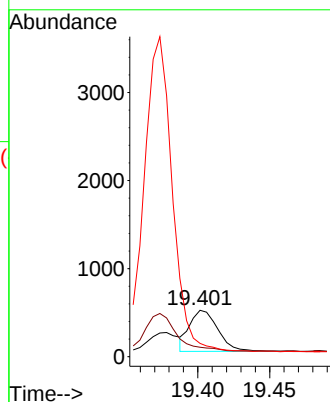
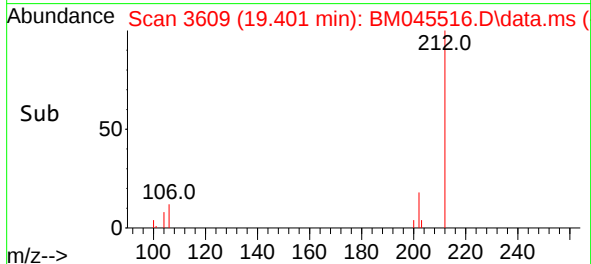
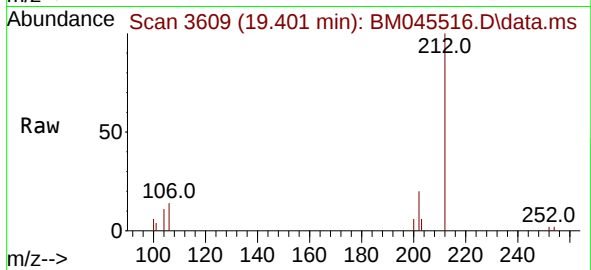
Ion	Ratio	Lower	Upper
202	100		
101	20.3	11.5	17.3#
100	28.5	10.6	15.8#

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#21

Benzo(a)anthracene

Concen: 0.036 ng/ul

RT: 21.186 min Scan# 4080

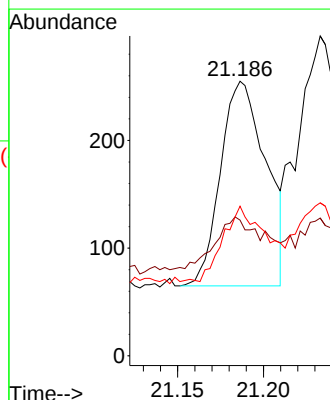
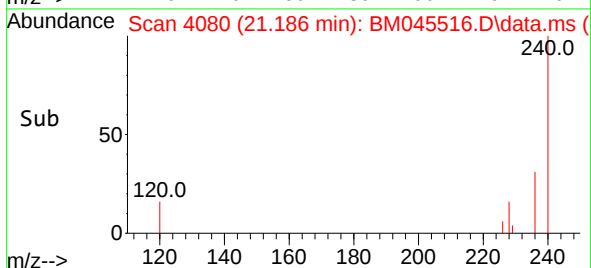
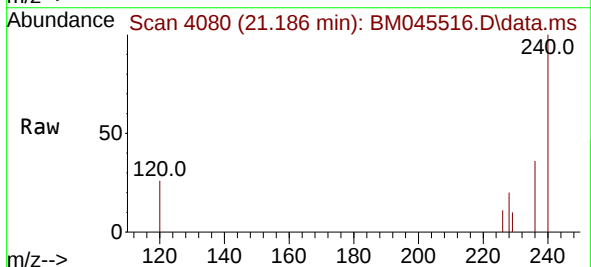
Delta R.T. 0.005 min

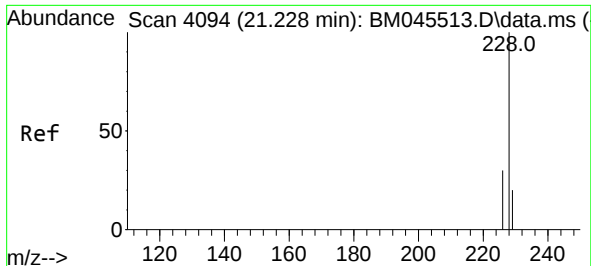
Lab File: BM045516.D

Acq: 23 Apr 2024 16:33

Tgt Ion:228 Resp: 349

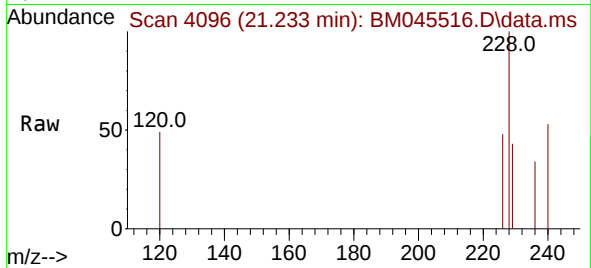
Ion	Ratio	Lower	Upper
228	100		
229	49.4	19.4	29.2#
226	54.5	26.3	39.5#





#22
Chrysene
Concen: 0.029 ng/ul
RT: 21.233 min Scan# 4096
Delta R.T. 0.005 min
Lab File: BM045516.D
Acq: 23 Apr 2024 16:33

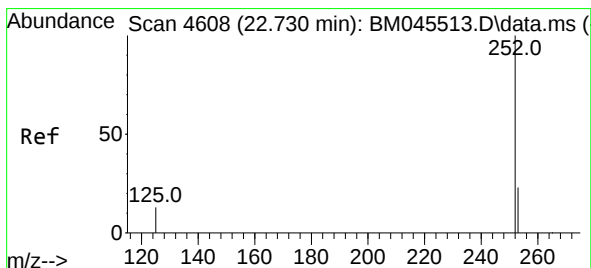
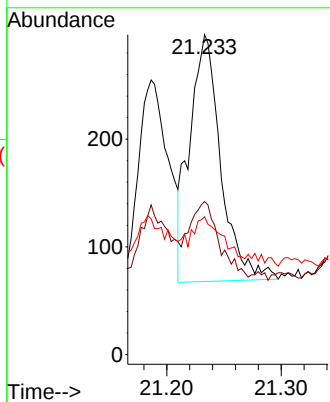
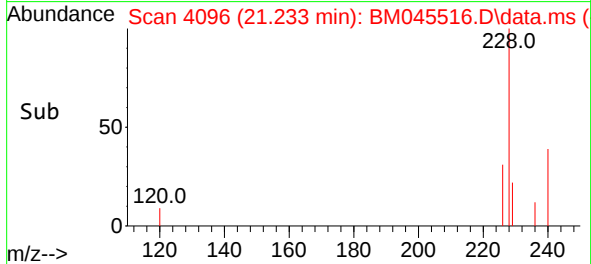
Instrument :
BNA_M
ClientSampleId :
C0AC5



Tgt Ion:228 Resp: 434
Ion Ratio Lower Upper
228 100
226 47.8 26.3 39.5#
229 43.1 17.8 26.8#

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#24
Benzo(b)fluoranthene
Concen: 0.054 ng/ul
RT: 22.729 min Scan# 4608
Delta R.T. -0.001 min
Lab File: BM045516.D
Acq: 23 Apr 2024 16:33

Tgt Ion:252 Resp: 656
Ion Ratio Lower Upper
252 100
253 85.2 0.0 63.4#
125 82.6 0.0 36.8#

