

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037163.D
 Acq On : 21 Oct 2022 07:30
 Operator : CG/JU
 Sample : N5015-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C1BE4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/21/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 21 08:06:55 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 02:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	5003	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	15810	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	9223	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	19449	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	15818	0.400	ng/ul	0.00
23) Perylene-d12	23.823	264	15229	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	28972	4.750	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	6429	0.286	ng/ul	-0.01
18) Fluoranthene-d10	19.295	212	15075	0.315	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.252	152	1570	0.040	ng/ul#	85
15) Phenanthrene	17.314	178	9867	0.150	ng/ul	99
16) Anthracene	17.403	178	2198	0.042	ng/ul#	86
19) Fluoranthene	19.327	202	25963	0.378	ng/ul	99
20) Pyrene	19.690	202	34429m	0.494	ng/ul	
21) Benzo(a)anthracene	21.432	228	25603	0.417	ng/ul#	90
22) Chrysene	21.484	228	42988	0.609	ng/ul	97
24) Benzo(b)fluoranthene	23.098	252	22863	0.283	ng/ul	90
25) Benzo(k)fluoranthene	23.141	252	6553m	0.084	ng/ul	
26) Benzo(a)pyrene	23.714	252	31602	0.488	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.268	276	8835	0.098	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.285	278	3477	0.049	ng/ul#	37
29) Benzo(g,h,i)perylene	27.029	276	19382	0.244	ng/ul	96

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

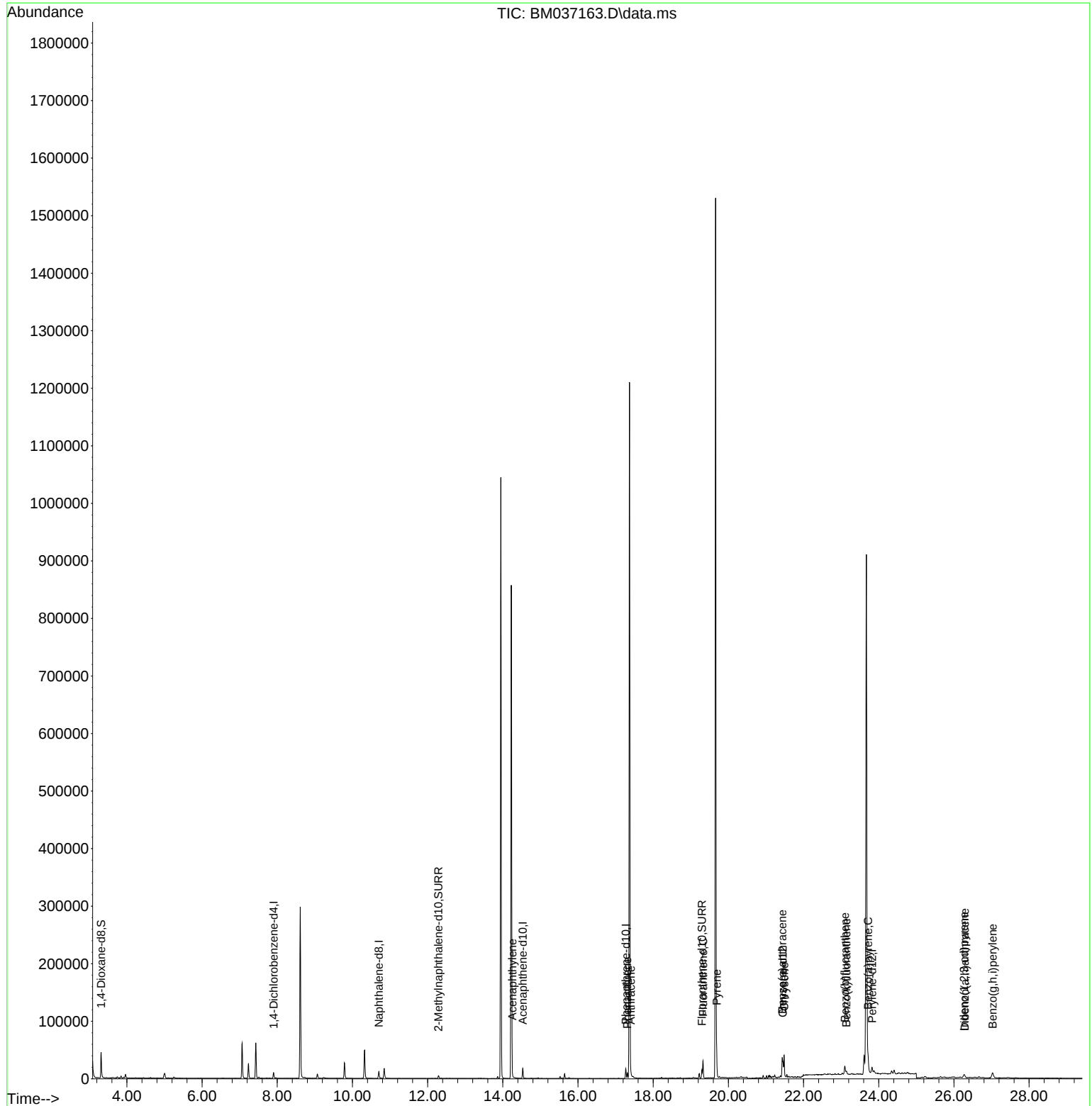
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037163.D
Acq On : 21 Oct 2022 07:30
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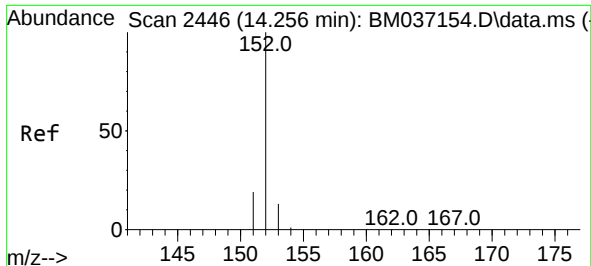
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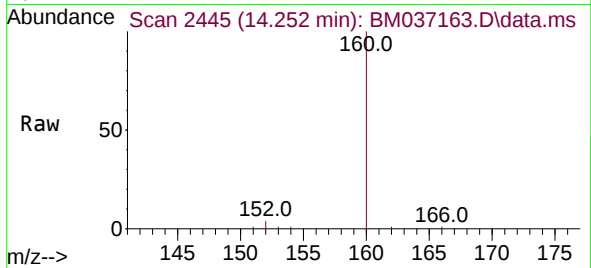
Quant Time: Oct 21 08:06:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 02:11:25 2022
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#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.252 min Scan# 2446
Delta R.T. -0.008 min
Lab File: BM037163.D
Acq: 21 Oct 2022 07:30

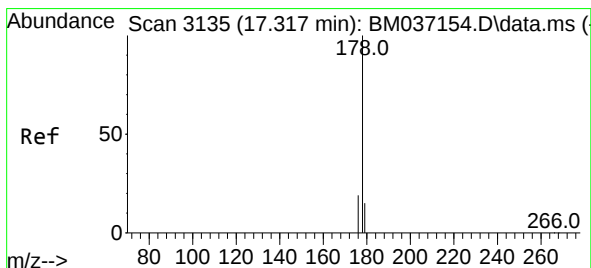
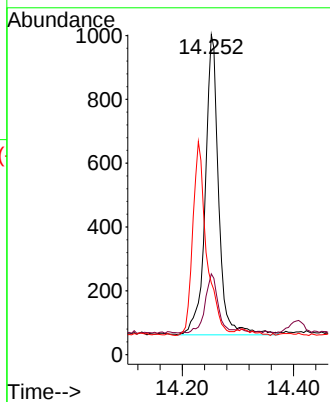
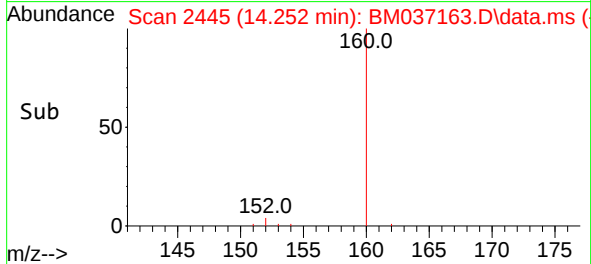
Instrument :
BNA_M
ClientSampleId :
C1BE4



Tgt Ion:152 Resp: 1570
Ion Ratio Lower Upper
152 100
151 25.2 16.2 24.2
153 22.4 10.8 16.2

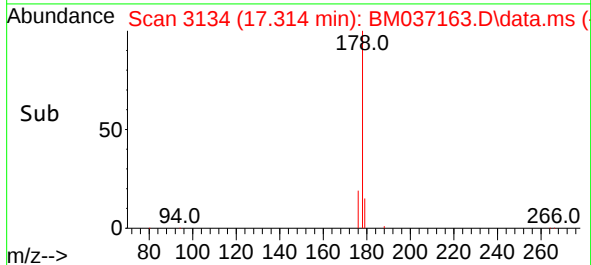
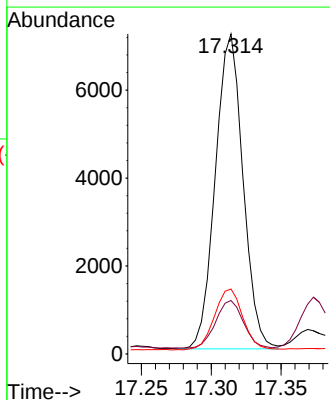
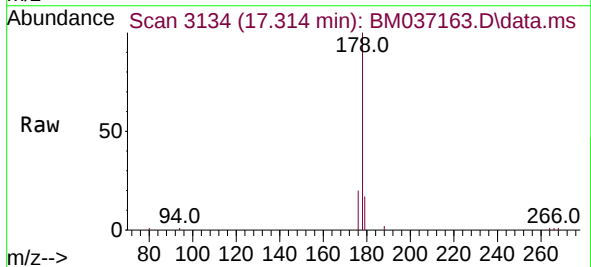
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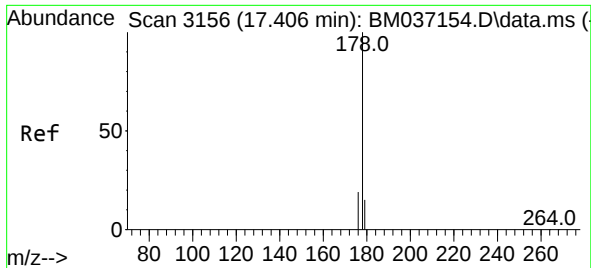
Reviewed By :Jagrut Upadhyay 10/21/2022
Supervised By :mohammad ahmed 10/24/2022



#15
Phenanthrene
Concen: 0.150 ng/ul
RT: 17.314 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BM037163.D
Acq: 21 Oct 2022 07:30

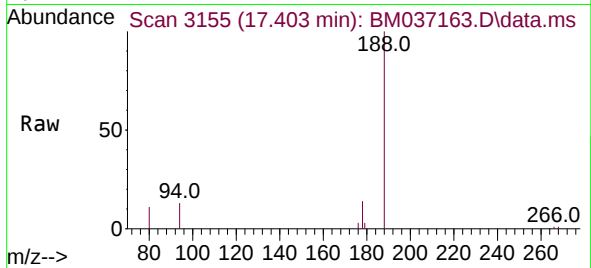
Tgt Ion:178 Resp: 9867
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.6
176 20.3 16.1 24.1





#16
 Anthracene
 Concen: 0.042 ng/ul
 RT: 17.403 min Scan# 3155
 Delta R.T. -0.012 min
 Lab File: BM037163.D
 Acq: 21 Oct 2022 07:30

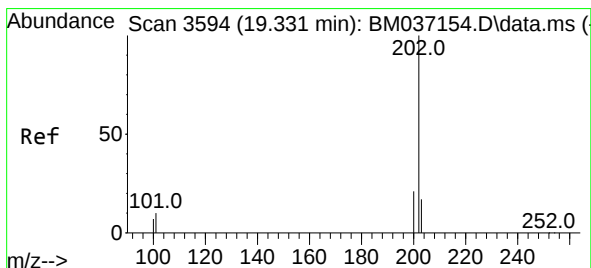
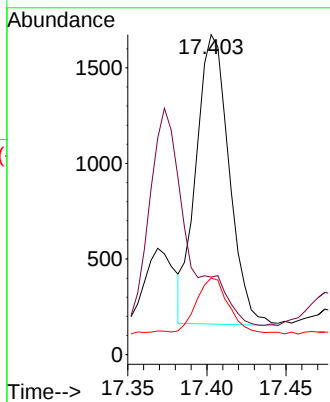
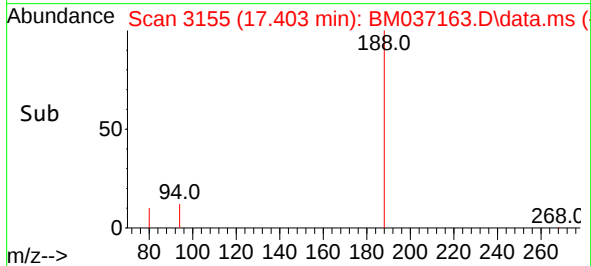
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Tgt Ion:178 Resp: 2198
 Ion Ratio Lower Upper
 178 100
 179 24.3 13.1 19.7
 176 24.0 15.3 22.9

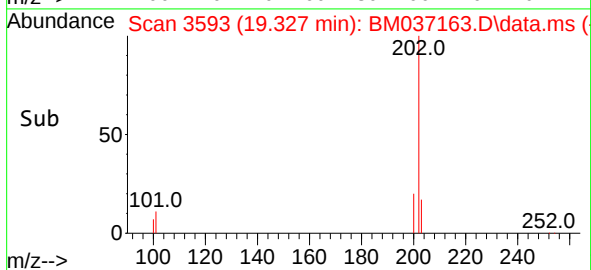
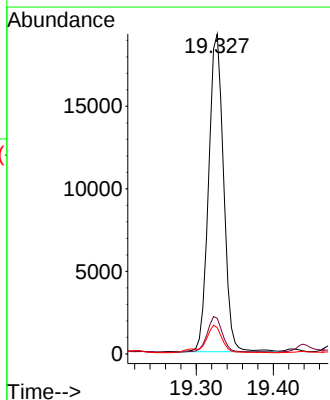
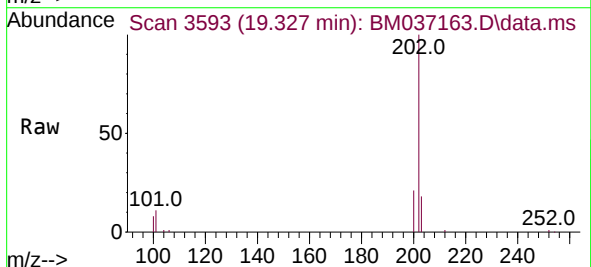
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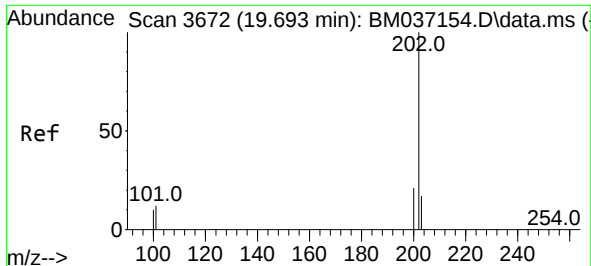
Reviewed By :Jagrut Upadhyay 10/21/2022
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#19
 Fluoranthene
 Concen: 0.378 ng/ul
 RT: 19.327 min Scan# 3593
 Delta R.T. -0.004 min
 Lab File: BM037163.D
 Acq: 21 Oct 2022 07:30

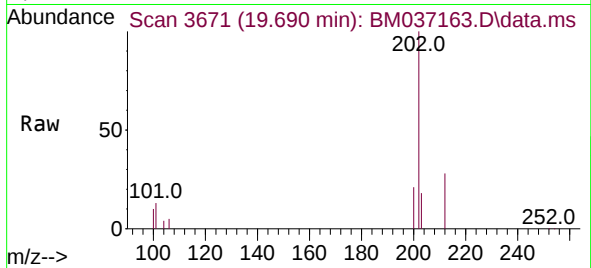
Tgt Ion:202 Resp: 25963
 Ion Ratio Lower Upper
 202 100
 101 11.1 8.9 13.3
 100 8.2 6.9 10.3





#20
Pyrene
Concen: 0.494 ng/ul m
RT: 19.690 min Scan# 30
Delta R.T. -0.008 min
Lab File: BM037163.D
Acq: 21 Oct 2022 07:30

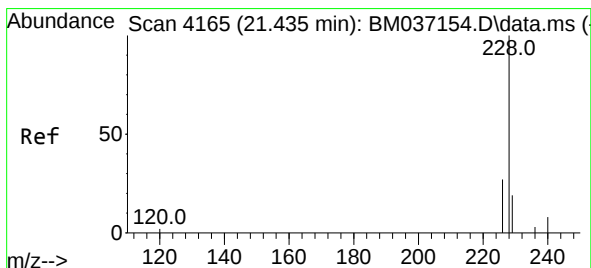
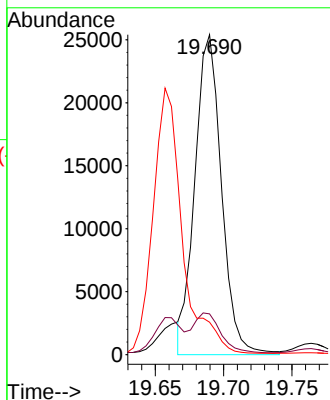
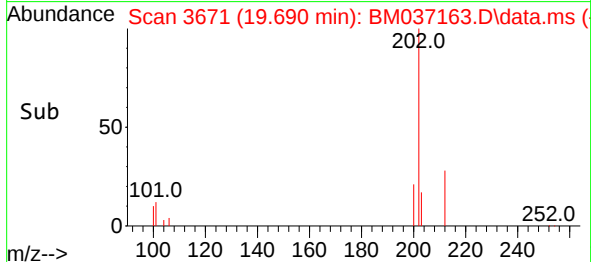
Instrument :
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ClientSampleId :
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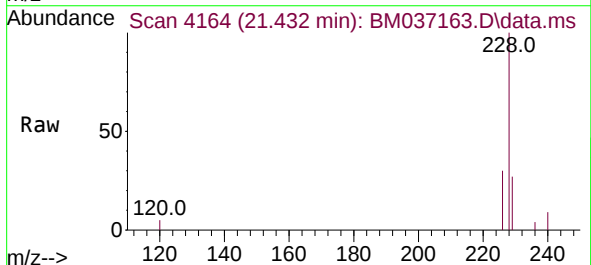
Tgt Ion:202 Resp: 34429
Ion Ratio Lower Upper
202 100
101 12.7 9.7 14.5
100 10.1 7.8 11.8

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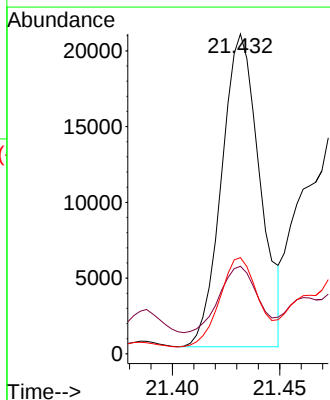
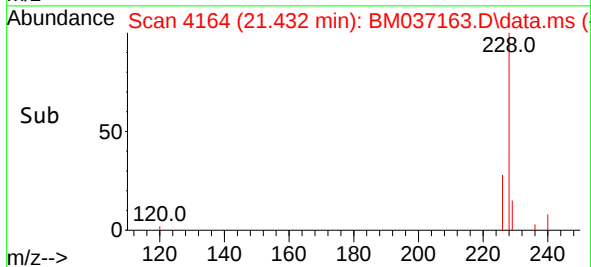
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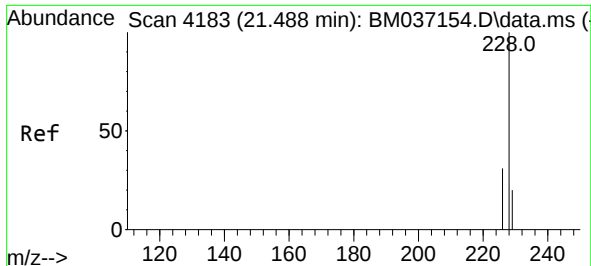


#21
Benzo(a)anthracene
Concen: 0.417 ng/ul
RT: 21.432 min Scan# 4164
Delta R.T. -0.010 min
Lab File: BM037163.D
Acq: 21 Oct 2022 07:30



Tgt Ion:228 Resp: 25603
Ion Ratio Lower Upper
228 100
229 27.4 15.8 23.6#
226 30.1 21.8 32.8





#22

Chrysene

Concen: 0.609 ng/ul

RT: 21.484 min Scan# 4183

Delta R.T. -0.007 min

Lab File: BM037163.D

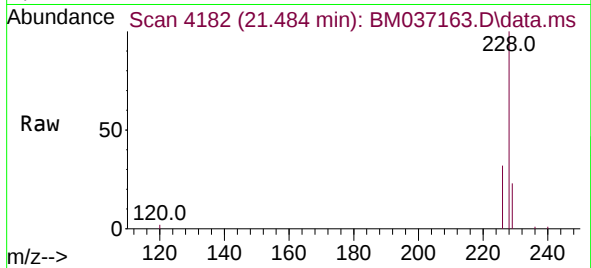
Acq: 21 Oct 2022 07:30

Instrument :

BNA_M

ClientSampleId :

C1BE4



Tgt Ion:228 Resp: 42988

Ion Ratio Lower Upper

228 100

226 31.5 24.8 37.2

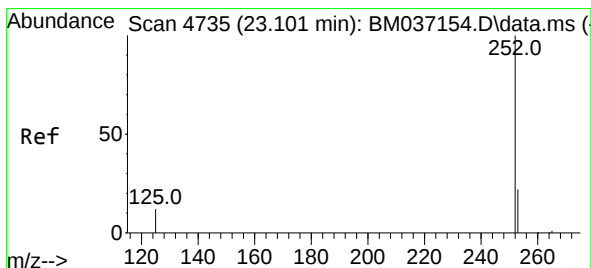
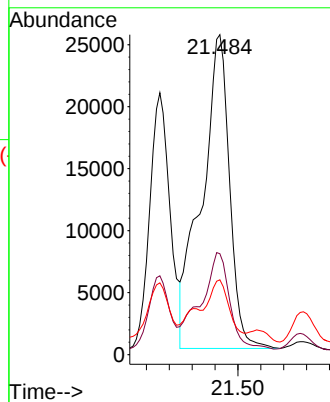
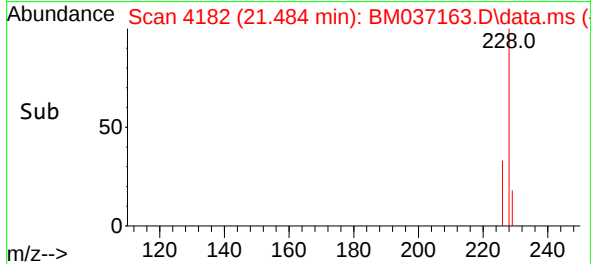
229 23.4 16.0 24.0

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 0.283 ng/ul

RT: 23.098 min Scan# 4734

Delta R.T. -0.013 min

Lab File: BM037163.D

Acq: 21 Oct 2022 07:30

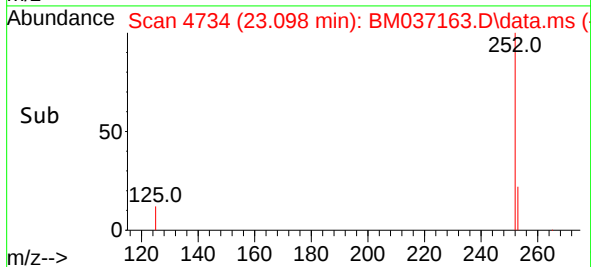
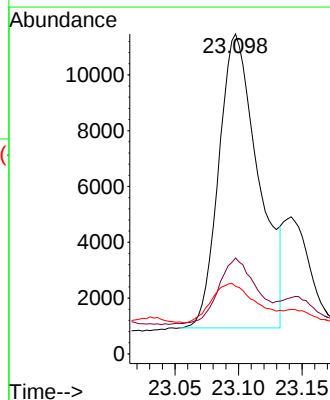
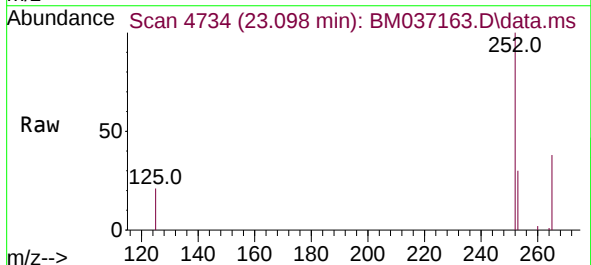
Tgt Ion:252 Resp: 22863

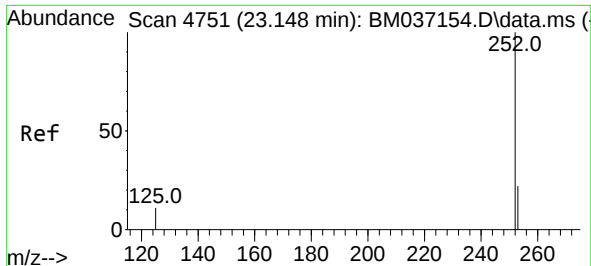
Ion Ratio Lower Upper

252 100

253 30.0 0.0 50.6

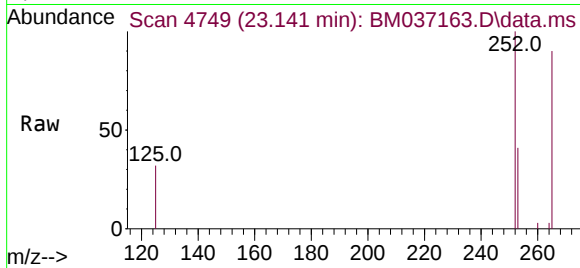
125 21.1 0.0 32.6





#25
Benzo(k)fluoranthene
Concen: 0.084 ng/ul m
RT: 23.141 min Scan# 4751
Delta R.T. -0.015 min
Lab File: BM037163.D
Acq: 21 Oct 2022 07:30

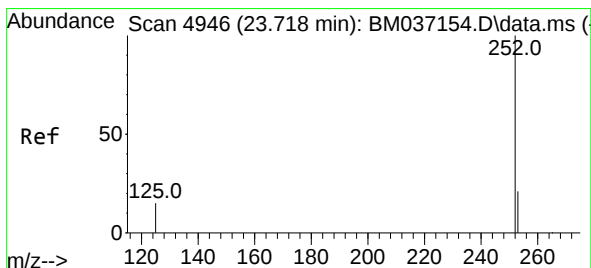
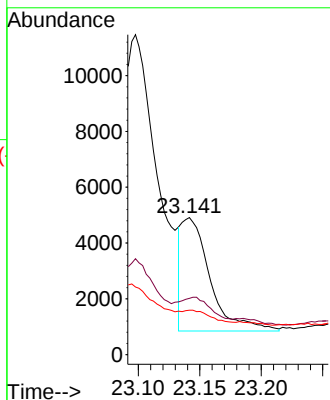
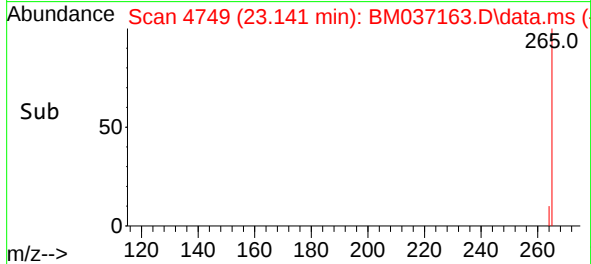
Instrument :
BNA_M
ClientSampleId :
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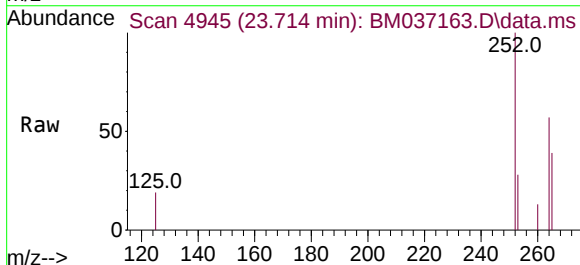
Tgt Ion:252 Resp: 6553
Ion Ratio Lower Upper
252 100
253 41.0 20.6 30.8
125 32.4 13.3 19.9

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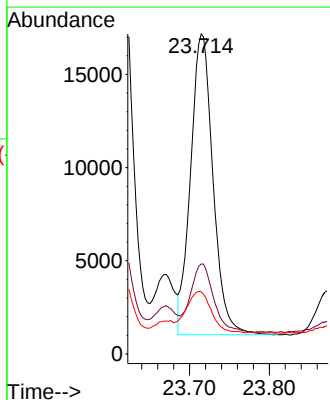
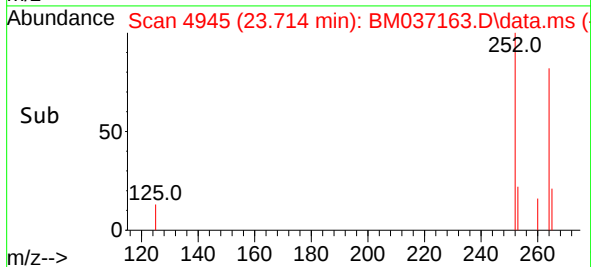
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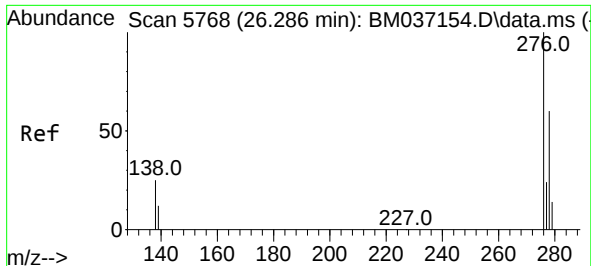


#26
Benzo(a)pyrene
Concen: 0.488 ng/ul
RT: 23.714 min Scan# 4945
Delta R.T. -0.015 min
Lab File: BM037163.D
Acq: 21 Oct 2022 07:30



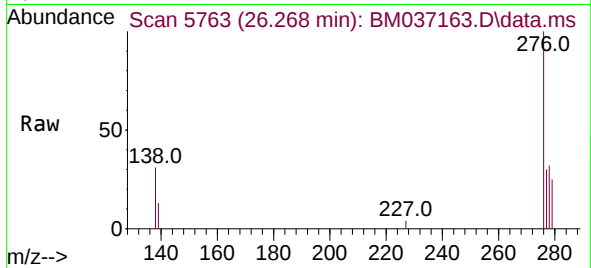
Tgt Ion:252 Resp: 31602
Ion Ratio Lower Upper
252 100
253 28.1 22.1 33.1
125 19.4 17.6 26.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng/ul
RT: 26.268 min Scan# 5763
Delta R.T. -0.031 min
Lab File: BM037163.D
Acq: 21 Oct 2022 07:30

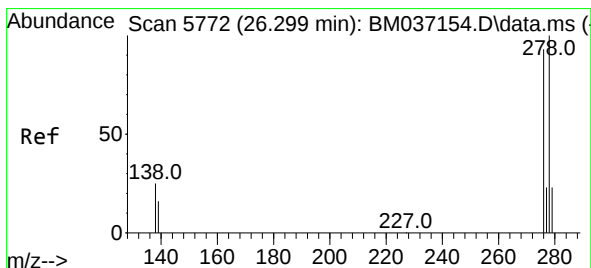
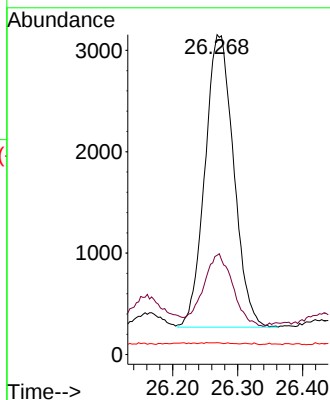
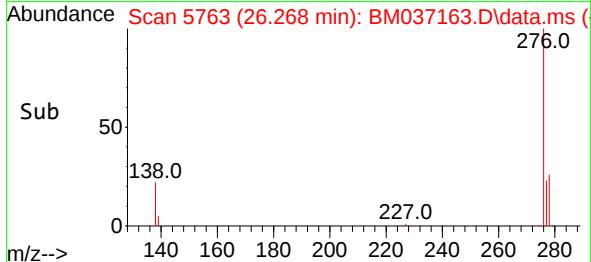
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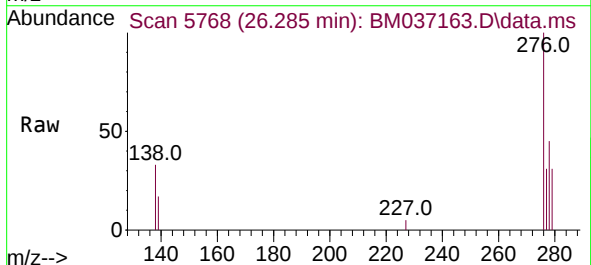
Tgt Ion: 276 Resp: 8835
Ion Ratio Lower Upper
276 100
138 25.5 21.4 32.0
227 0.0 0.1 0.1

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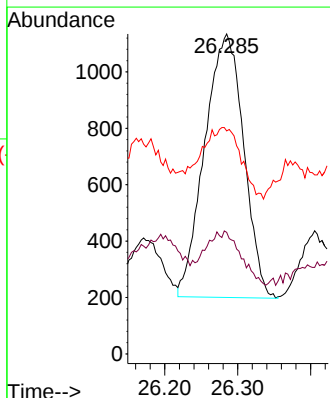
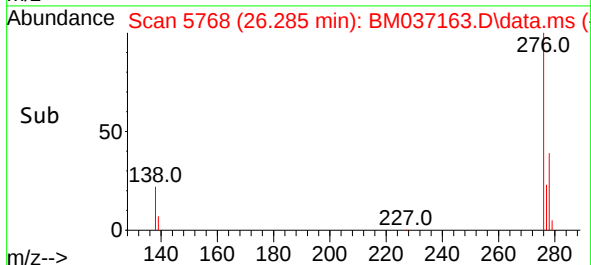
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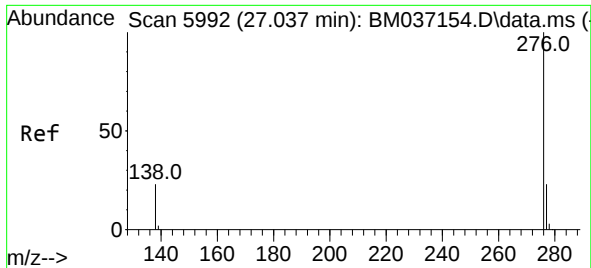


#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 26.285 min Scan# 5768
Delta R.T. -0.031 min
Lab File: BM037163.D
Acq: 21 Oct 2022 07:30



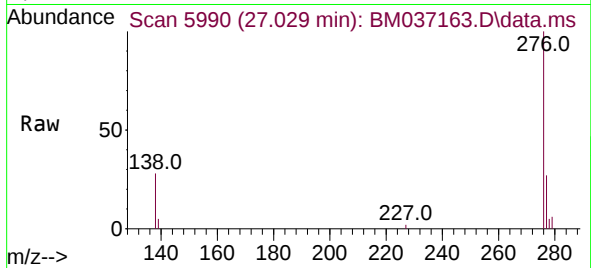
Tgt Ion: 278 Resp: 3477
Ion Ratio Lower Upper
278 100
139 38.0 16.3 24.5#
279 69.7 21.5 32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.244 ng/ul
RT: 27.029 min Scan# 5990
Delta R.T. -0.028 min
Lab File: BM037163.D
Acq: 21 Oct 2022 07:30

Instrument :
BNA_M
ClientSampleId :
C1BE4



Tgt Ion: 276 Resp: 19382
Ion Ratio Lower Upper
276 100
138 27.5 19.8 29.8
277 26.5 20.1 30.1

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