

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
 Data File : BM035532.D
 Acq On : 20 Jun 2022 13:38
 Operator : CG/JU
 Sample : N3226-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4N4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :Yogesh Patel 06/25/2022

Quant Time: Jun 21 01:28:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	4954	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.616	136	16485	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.459	164	9703	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.203	188	19494	0.400	ng/ul	-0.03
17) Chrysene-d12	21.403	240	13973	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	14646	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	23322	3.346	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	5315	0.217	ng/ul	-0.02
18) Fluoranthene-d10	19.238	212	10878	0.232	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.666	128	1194	0.021	ng/ul#	68
7) 2-Methylnaphthalene	12.305	142	1740	0.055	ng/ul	94
8) 1-Methylnaphthalene	12.514	142	1950	0.067	ng/ul	99
12) Fluorene	15.509	166	1294	0.028	ng/ul#	91
15) Phenanthrene	17.246	178	7647	0.107	ng/ul	97
19) Fluoranthene	19.271	202	1985	0.028	ng/ul#	73
20) Pyrene	19.624	202	3953	0.053	ng/ul#	73
21) Benzo(a)anthracene	21.415	228	3341m	0.063	ng/ul	
22) Chrysene	21.438	228	2509	0.040	ng/ul#	75

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

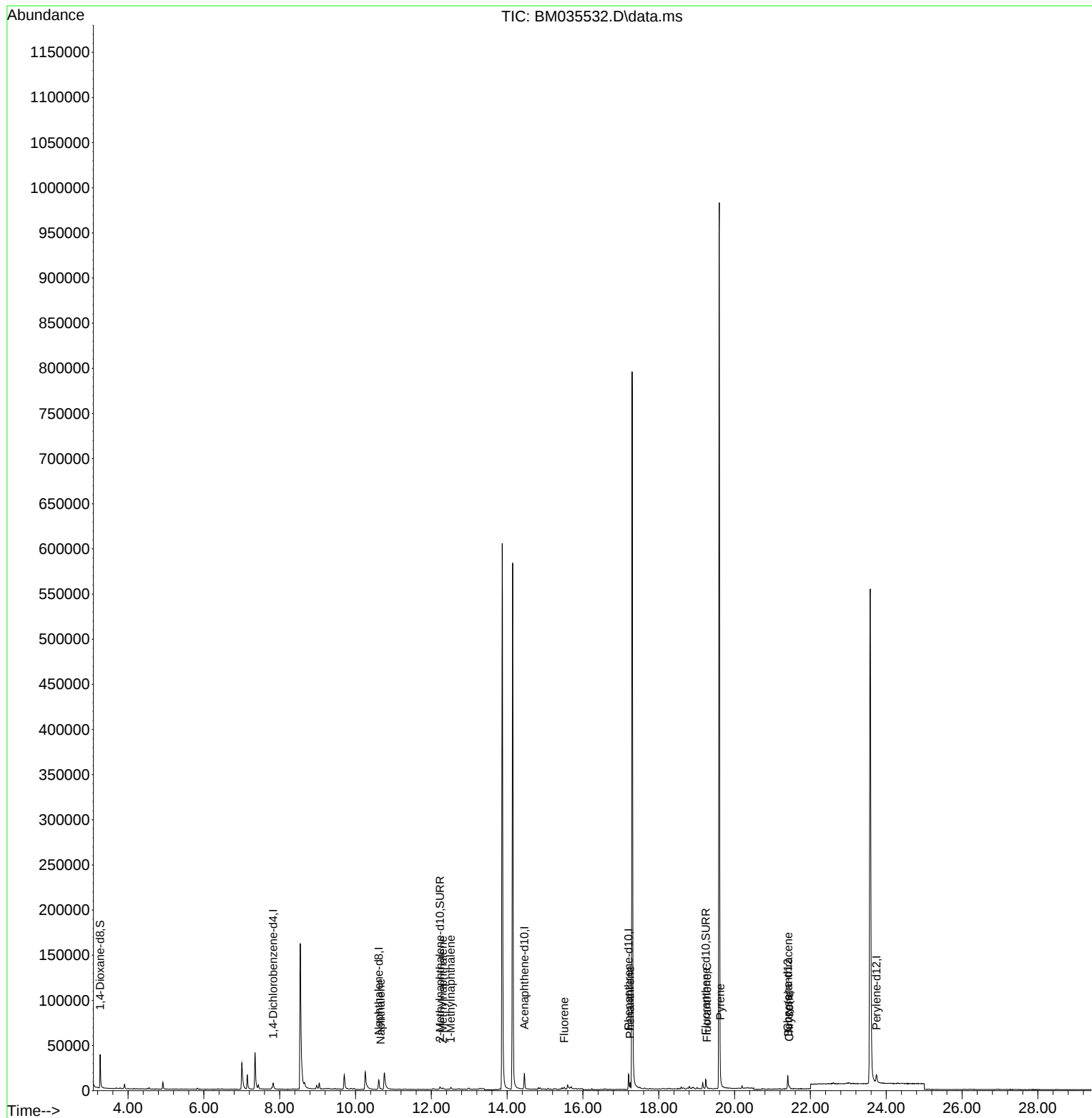
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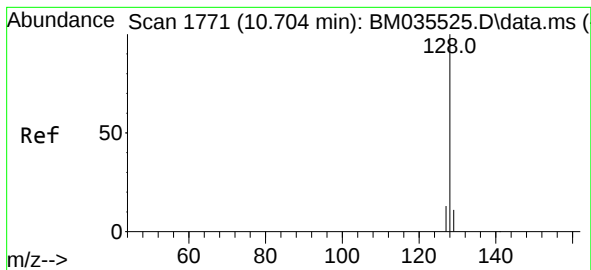
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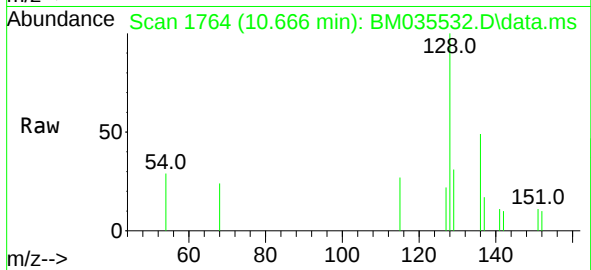
Quant Time: Jun 21 01:28:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
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#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.666 min Scan# 1771
Delta R.T. -0.028 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

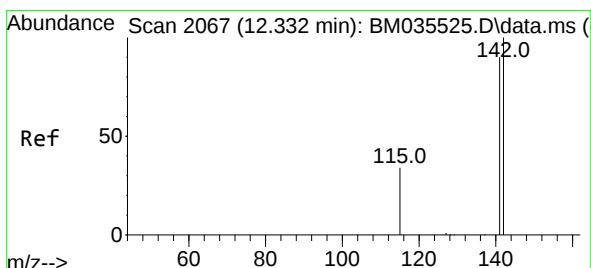
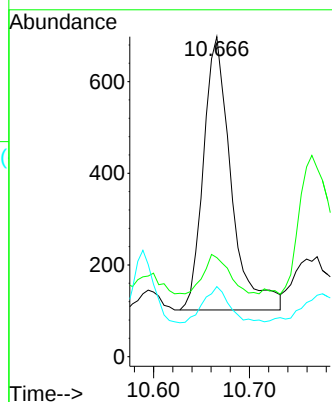
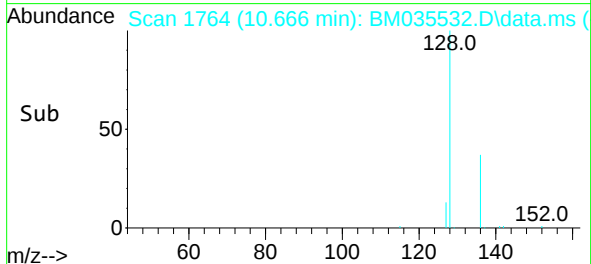
Instrument :
BNA_M
ClientSampleId :
EW4N4



Tgt Ion:128 Resp: 1194
Ion Ratio Lower Upper
128 100
129 30.9 10.1 15.1
127 21.9 11.4 17.2

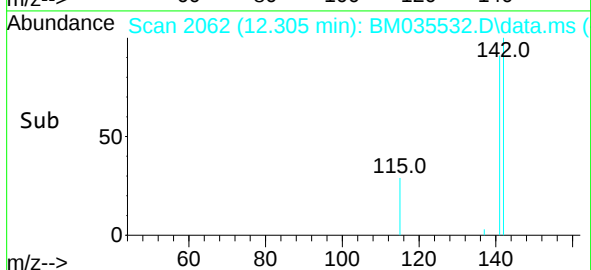
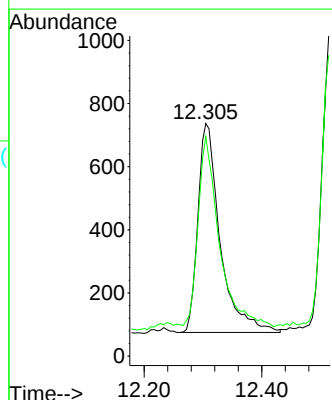
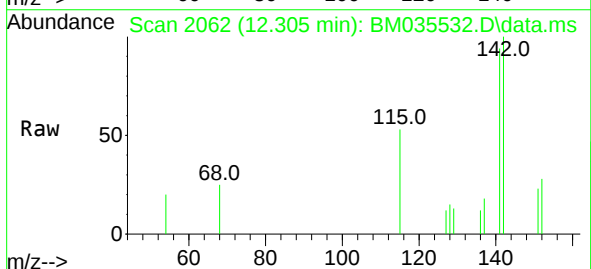
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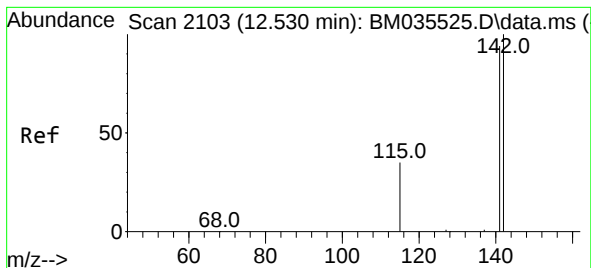
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Supervised By :Yogesh Patel 06/25/2022



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. -0.017 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

Tgt Ion:142 Resp: 1740
Ion Ratio Lower Upper
142 100
141 86.6 73.8 110.8





#8

1-Methylnaphthalene

Concen: 0.067 ng/ul

RT: 12.514 min Scan# 2100

Delta R.T. -0.011 min

Lab File: BM035532.D

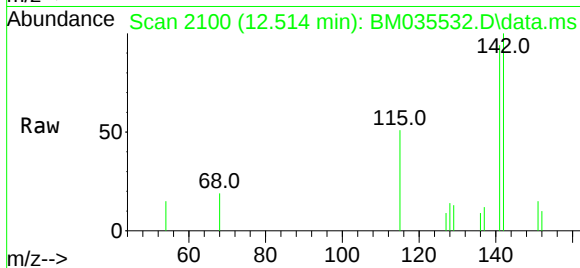
Acq: 20 Jun 2022 13:38

Instrument :

BNA_M

ClientSampleId :

EW4N4



Tgt Ion:142 Resp: 1950

Ion Ratio Lower Upper

142 100

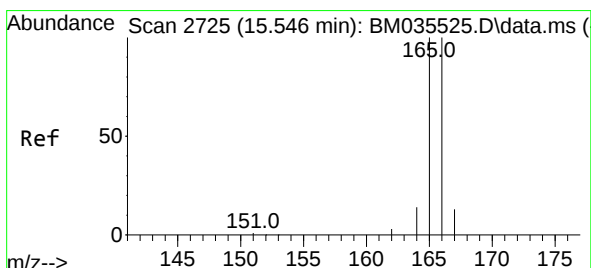
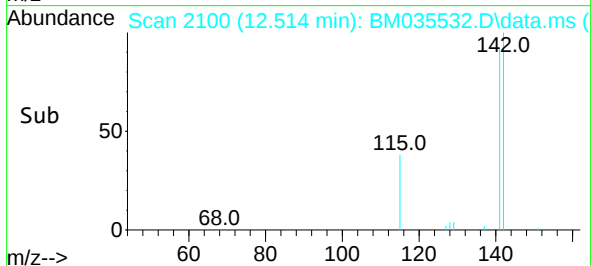
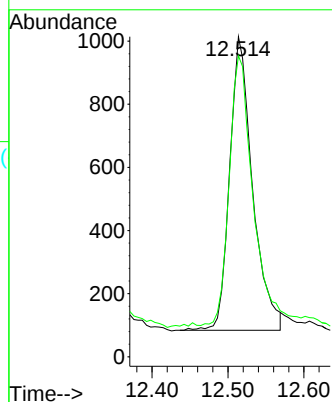
141 93.7 74.6 111.8

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#12

Fluorene

Concen: 0.028 ng/ul

RT: 15.509 min Scan# 2717

Delta R.T. -0.029 min

Lab File: BM035532.D

Acq: 20 Jun 2022 13:38

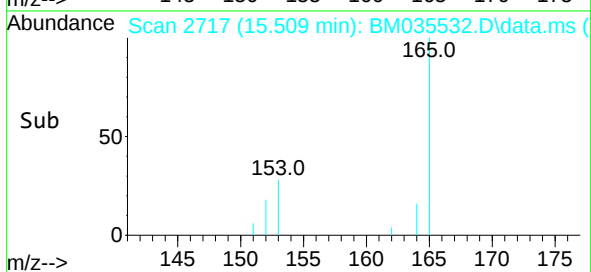
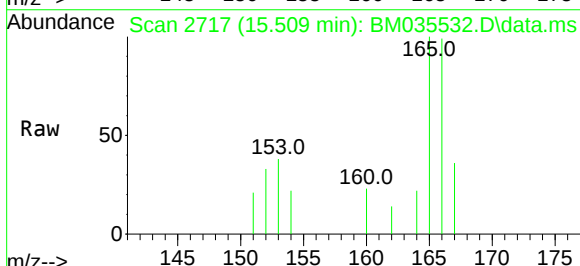
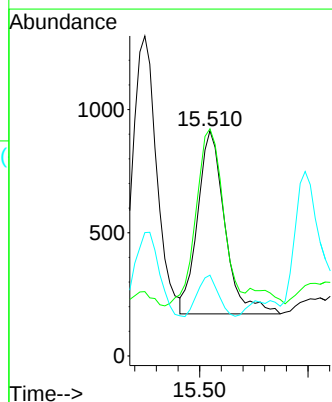
Tgt Ion:166 Resp: 1294

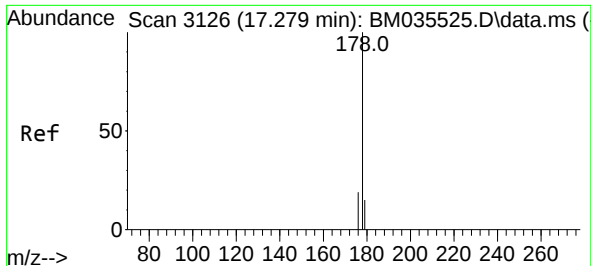
Ion Ratio Lower Upper

166 100

165 100.9 78.7 118.1

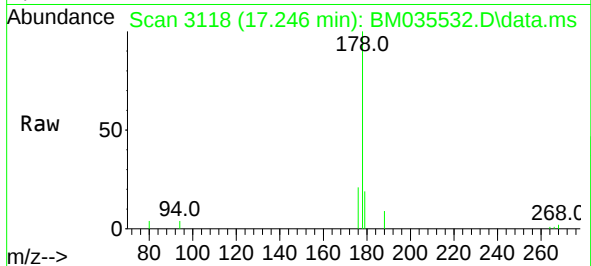
167 35.9 11.6 17.4#





#15
Phenanthrene
Concen: 0.107 ng/ul
RT: 17.246 min Scan# 3126
Delta R.T. -0.026 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

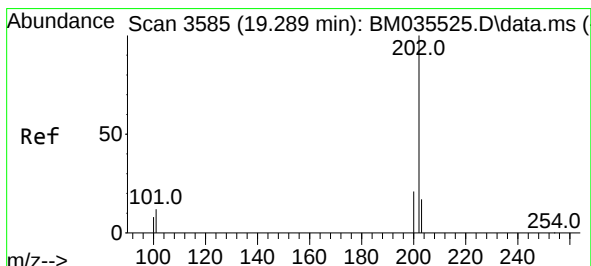
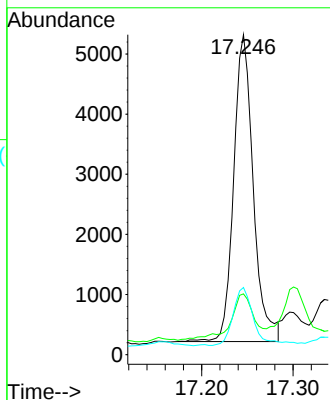
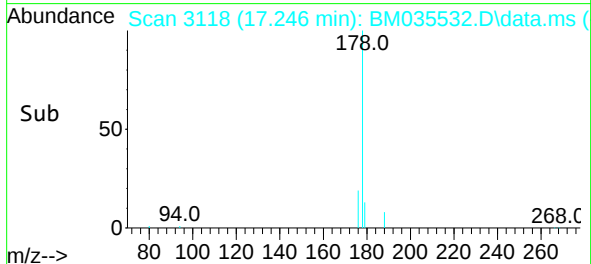
Instrument :
BNA_M
ClientSampleId :
EW4N4



Tgt Ion:178 Resp: 764
Ion Ratio Lower Upper
178 100
179 19.0 13.2 19.8
176 21.0 16.2 24.4

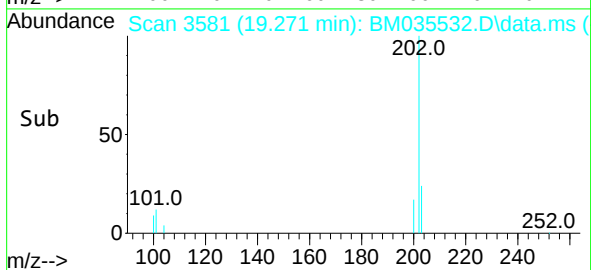
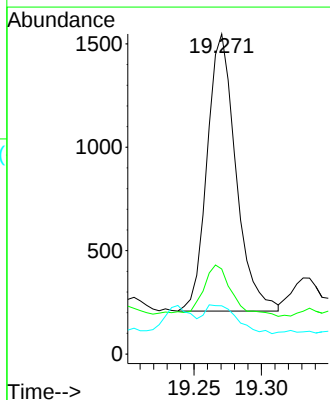
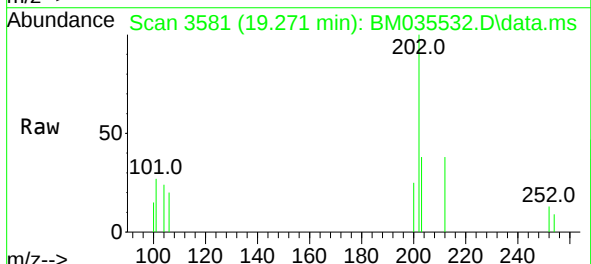
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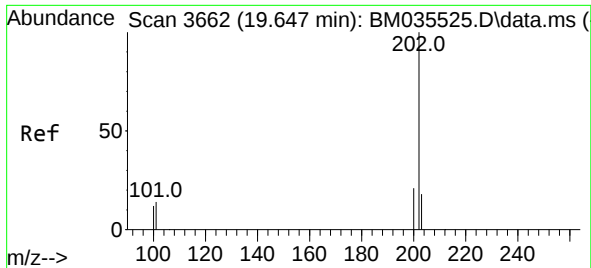
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#19
Fluoranthene
Concen: 0.028 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.015 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

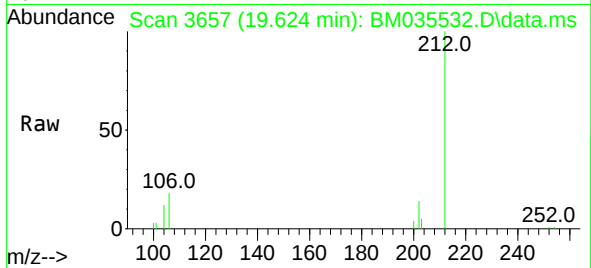
Tgt Ion:202 Resp: 1985
Ion Ratio Lower Upper
202 100
101 26.6 10.0 15.0#
100 15.1 7.5 11.3#





#20
Pyrene
Concen: 0.053 ng/ul
RT: 19.624 min Scan# 3657
Delta R.T. -0.024 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38

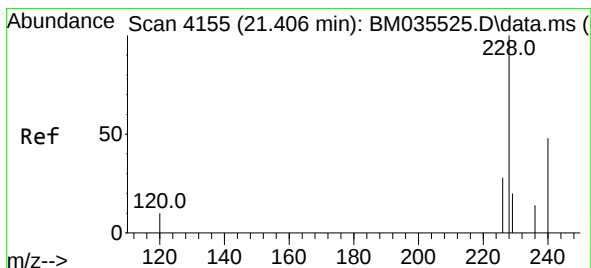
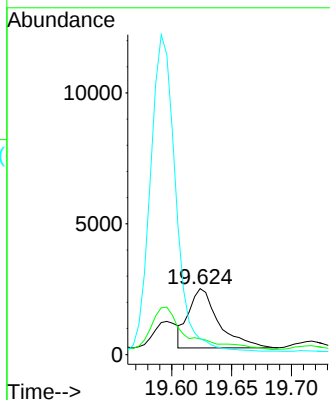
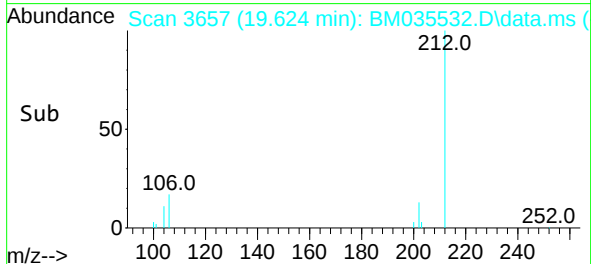
Instrument :
BNA_M
ClientSampleId :
EW4N4



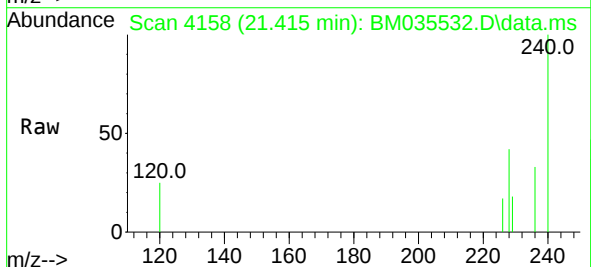
Tgt Ion:202 Resp: 395
Ion Ratio Lower Upper
202 100
101 23.9 11.6 17.4#
100 23.9 9.3 13.9#

Manual Integrations
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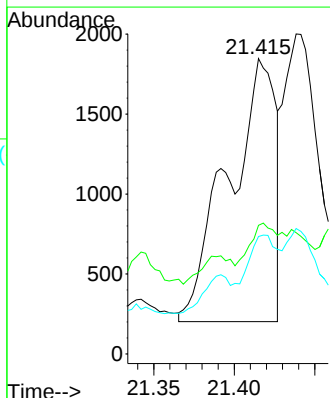
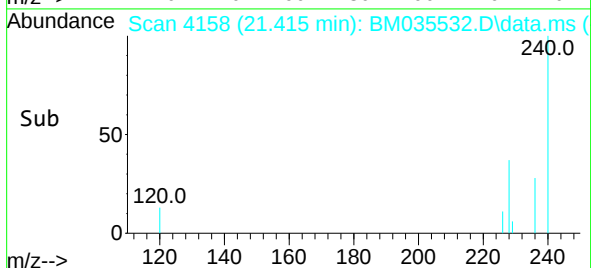
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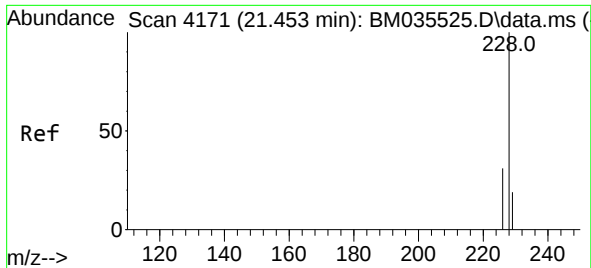


#21
Benzo(a)anthracene
Concen: 0.063 ng/ul m
RT: 21.415 min Scan# 4158
Delta R.T. 0.015 min
Lab File: BM035532.D
Acq: 20 Jun 2022 13:38



Tgt Ion:228 Resp: 3341
Ion Ratio Lower Upper
228 100
229 43.5 16.2 24.2#
226 39.7 22.3 33.5#





#22

Chrysene

Concen: 0.040 ng/ul

RT: 21.438 min Scan# 41

Delta R.T. -0.011 min

Lab File: BM035532.D

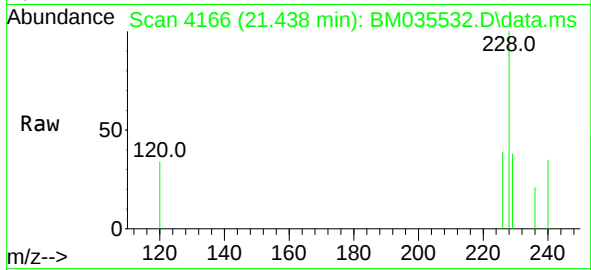
Acq: 20 Jun 2022 13:38

Instrument :

BNA_M

ClientSampleId :

EW4N4



Tgt Ion:228 Resp: 2509

Ion Ratio Lower Upper

228 100

226 39.2 24.5 36.7

229 37.9 15.8 23.8

Manual Integrations

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