

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
 Data File : BM033459.D
 Acq On : 15 Dec 2021 03:12
 Operator : CG/JU
 Sample : M4985-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW5R8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 15 04:59:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 01:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	804	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.684	136	2275	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.515	164	1797	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.257	188	4263m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.424	240	4674	0.400	ng/ul	-0.01
23) Perylene-d12	23.732	264	4365	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	2733	4.195	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.272	152	1266	0.440	ng/ul	-0.03
18) Fluoranthene-d10	19.277	212	5776	0.568	ng/ul	-0.02
Target Compounds						
2) 1,4-Dioxane	3.396	88	227	0.267	ng/ul	93
5) Naphthalene	10.733	128	30925	3.715	ng/ul#	88
7) 2-Methylnaphthalene	12.344	142	3050	0.643	ng/ul	97
8) 1-Methylnaphthalene	12.564	142	2562	0.523	ng/ul	99
15) Phenanthrene	17.299	178	325	0.023	ng/ul#	50
19) Fluoranthene	19.307	202	465	0.038	ng/ul#	41
20) Pyrene	19.665	202	466	0.034	ng/ul#	13
21) Benzo(a)anthracene	21.414	228	224	0.022	ng/ul#	37

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

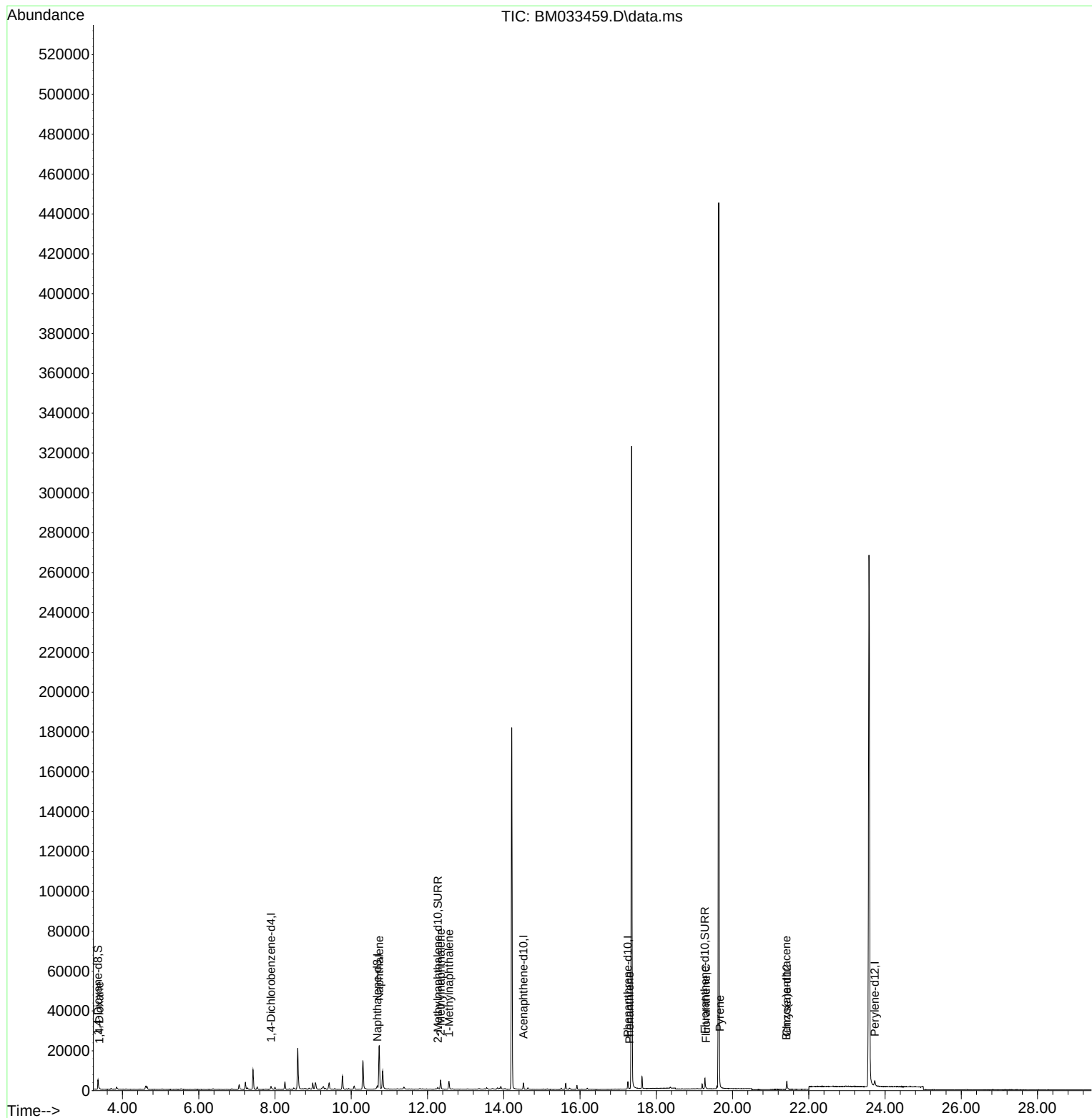
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121421\
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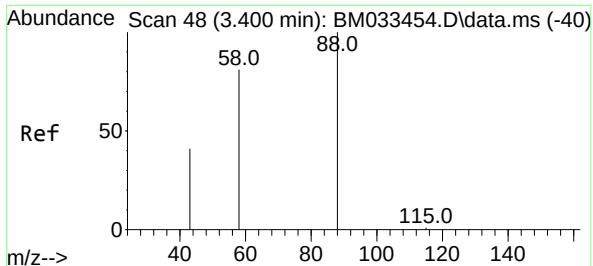
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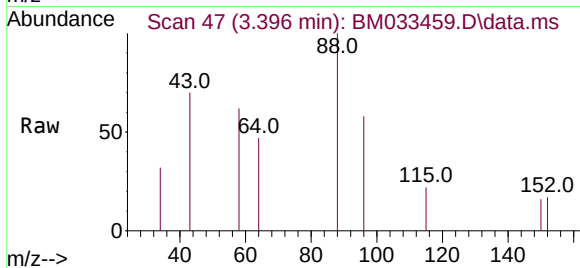
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#2
1,4-Dioxane
Concen: 0.267 ng/ul
RT: 3.396 min Scan# 41
Delta R.T. -0.007 min
Lab File: BM033459.D
Acq: 15 Dec 2021 03:12

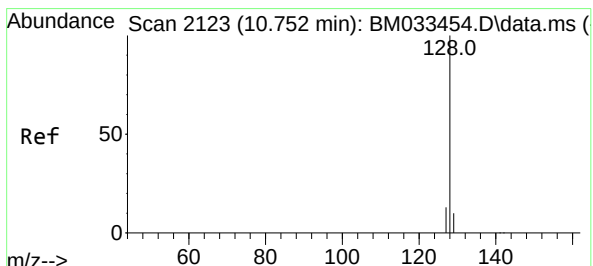
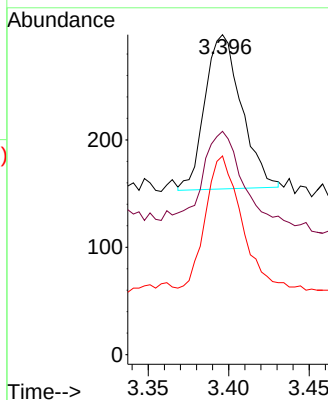
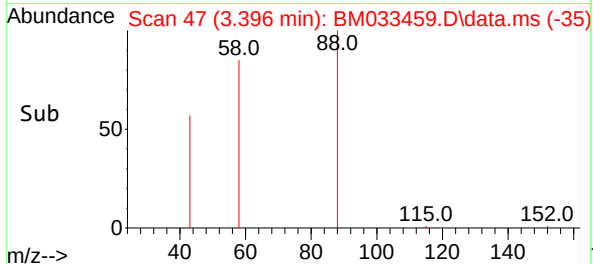
Instrument :
BNA_M
ClientSampleId :
EW5R8



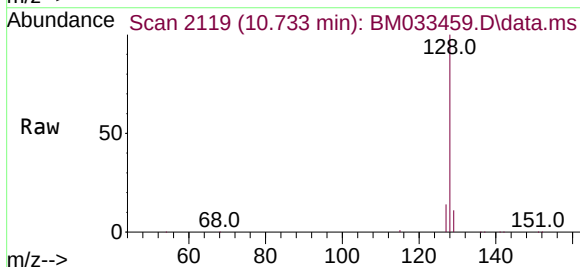
Tgt Ion: 88 Resp: 221
Ion Ratio Lower Upper
88 100
43 69.8 49.7 74.5
58 62.1 52.5 78.7

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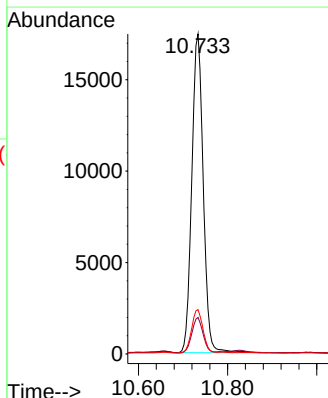
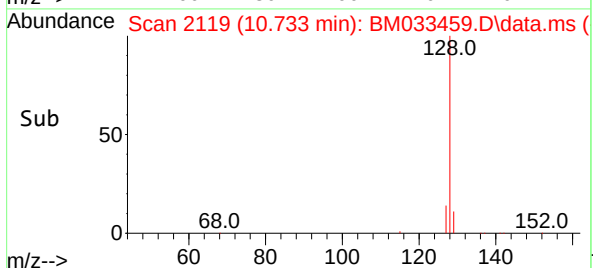
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Supervised By :mohammad ahmed 12/24/2021

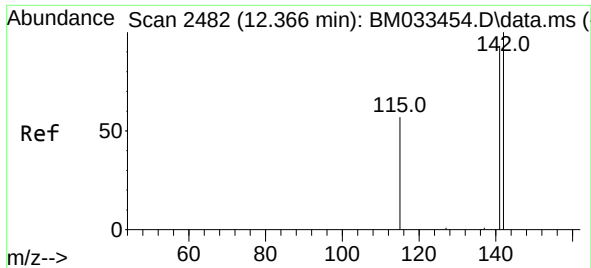


#5
Naphthalene
Concen: 3.715 ng/ul
RT: 10.733 min Scan# 2119
Delta R.T. -0.022 min
Lab File: BM033459.D
Acq: 15 Dec 2021 03:12



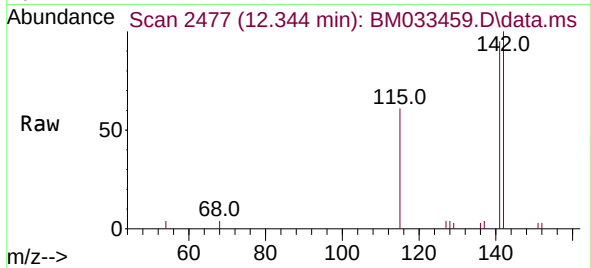
Tgt Ion:128 Resp: 30925
Ion Ratio Lower Upper
128 100
129 11.4 13.4 20.2#
127 13.9 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.643 ng/ul
RT: 12.344 min Scan# 2477
Delta R.T. -0.027 min
Lab File: BM033459.D
Acq: 15 Dec 2021 03:12

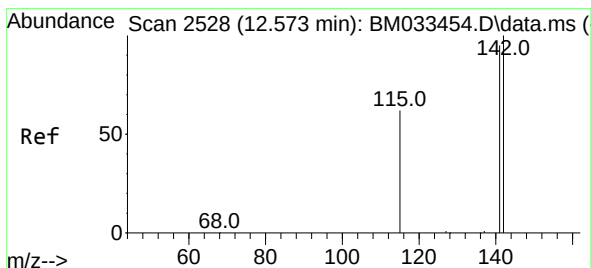
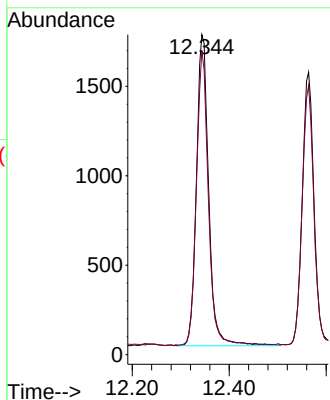
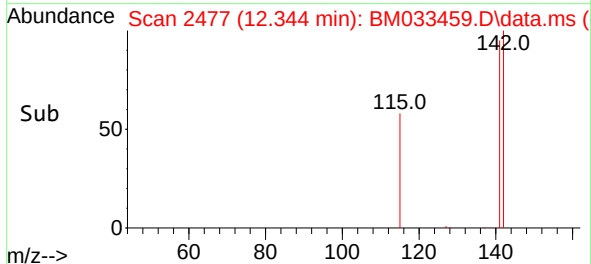
Instrument :
BNA_M
ClientSampleId :
EW5R8



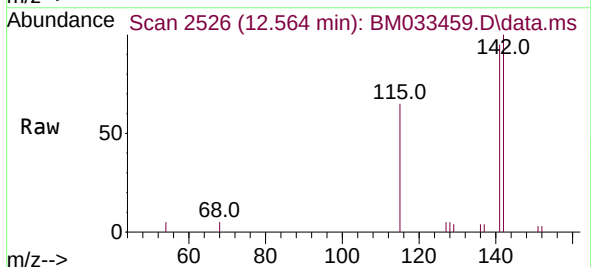
Tgt Ion:142 Resp: 3050
Ion Ratio Lower Upper
142 100
141 92.6 71.8 107.6

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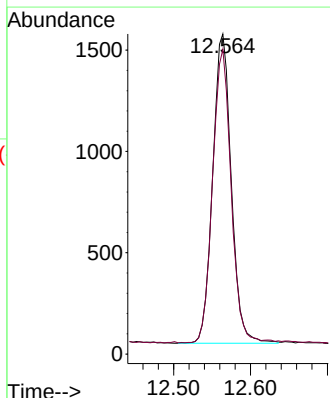
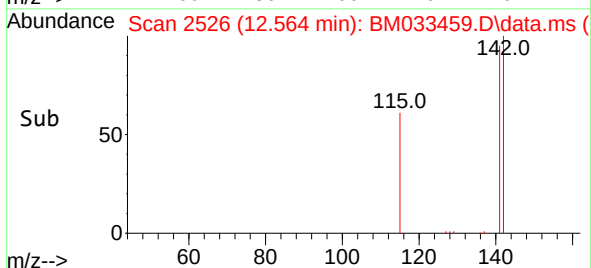
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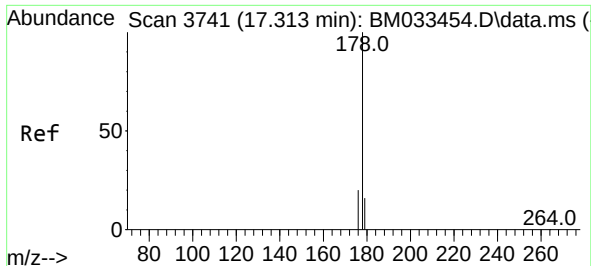


#8
1-Methylnaphthalene
Concen: 0.523 ng/ul
RT: 12.564 min Scan# 2526
Delta R.T. -0.018 min
Lab File: BM033459.D
Acq: 15 Dec 2021 03:12



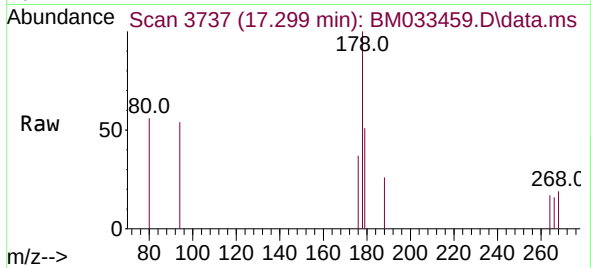
Tgt Ion:142 Resp: 2562
Ion Ratio Lower Upper
142 100
141 94.6 75.0 112.4





#15
Phenanthrene
Concen: 0.023 ng/u1
RT: 17.299 min Scan# 31
Delta R.T. -0.021 min
Lab File: BM033459.D
Acq: 15 Dec 2021 03:12

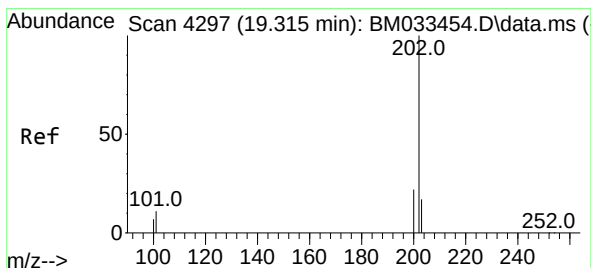
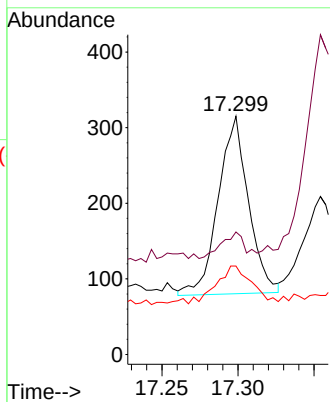
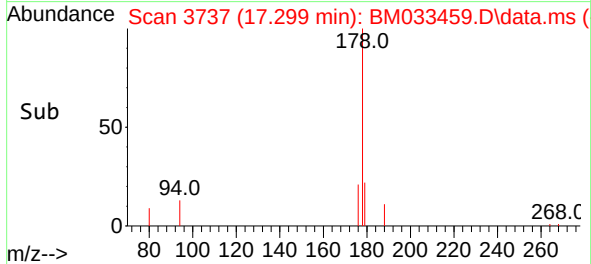
Instrument :
BNA_M
ClientSampleId :
EW5R8



Tgt Ion:178 Resp: 329
Ion Ratio Lower Upper
178 100
179 51.4 15.0 22.6#
176 37.1 17.9 26.9#

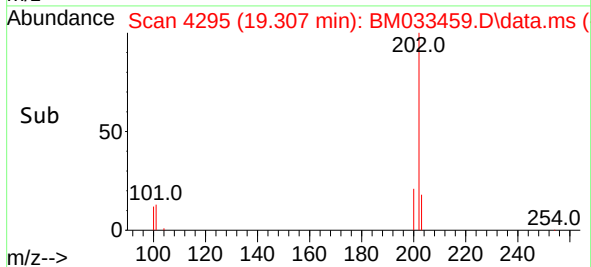
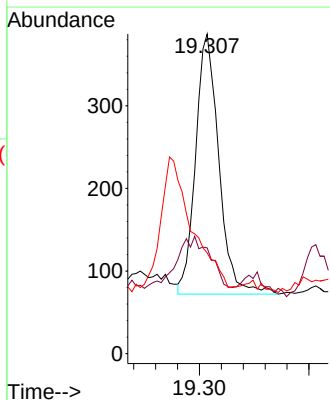
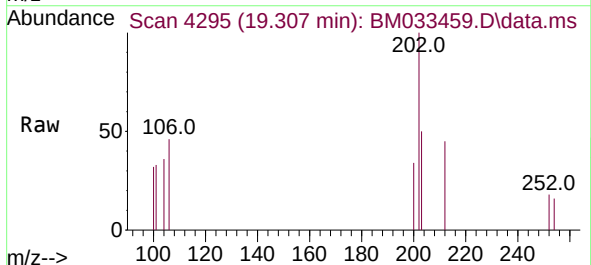
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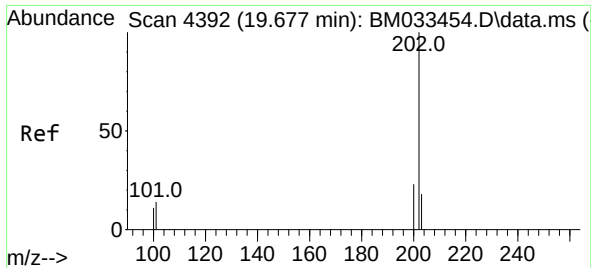
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#19
Fluoranthene
Concen: 0.038 ng/u1
RT: 19.307 min Scan# 4295
Delta R.T. -0.015 min
Lab File: BM033459.D
Acq: 15 Dec 2021 03:12

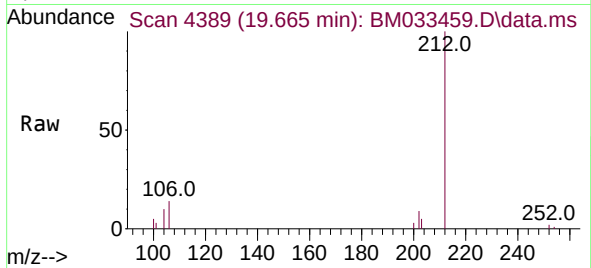
Tgt Ion:202 Resp: 465
Ion Ratio Lower Upper
202 100
101 33.1 9.2 13.8#
100 31.5 7.2 10.8#





#20
Pyrene
Concen: 0.034 ng/ul
RT: 19.665 min Scan# 4389
Delta R.T. -0.019 min
Lab File: BM033459.D
Acq: 15 Dec 2021 03:12

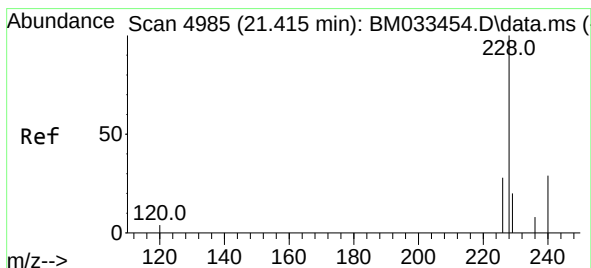
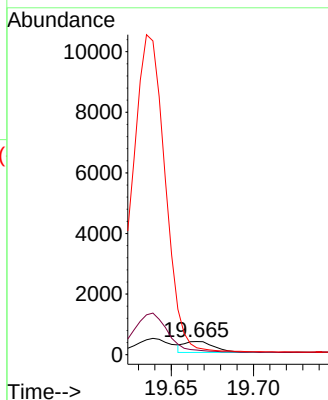
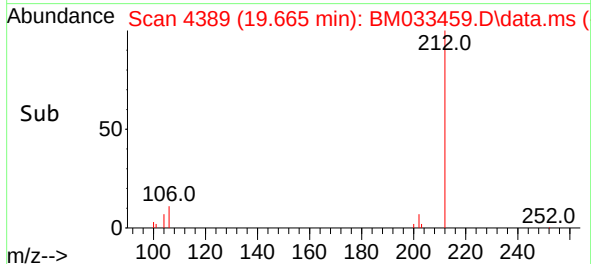
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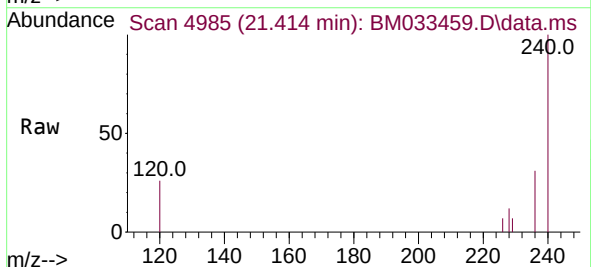
Tgt Ion:202 Resp: 460
Ion Ratio Lower Upper
202 100
101 35.9 9.3 13.9#
100 52.1 7.8 11.6#

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#21
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.414 min Scan# 4985
Delta R.T. -0.007 min
Lab File: BM033459.D
Acq: 15 Dec 2021 03:12



Tgt Ion:228 Resp: 224
Ion Ratio Lower Upper
228 100
229 59.6 17.3 25.9#
226 55.3 23.2 34.8#

