

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
 Data File : BM033107.D
 Acq On : 15 Nov 2021 10:13
 Operator : CG/JU
 Sample : M4615-09RE
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COV15RE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 15 11:10:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 11:08:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.424	152	24853	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.207	136	5703	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.083	164	3513	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.827	188	6897	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.057	240	2739m	0.400	ng/ul	0.03
23) Perylene-d12	23.180	264	4671m	0.400	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.867	96	2498	0.079	ng/ul	0.02
6) 2-Methylnaphthalene-d10	11.795	152	1831	0.226	ng/ul	0.00
18) Fluoranthene-d10	18.862	212	3431	0.413	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.261	128	1017294	61.430	ng/ul	97
7) 2-Methylnaphthalene	11.867	142	64916	5.659	ng/ul	98
8) 1-Methylnaphthalene	12.091	142	35720	3.180	ng/ul	100
11) Acenaphthene	14.144	153	295	0.022	ng/ul#	87
12) Fluorene	15.134	166	482	0.031	ng/ul#	80
15) Phenanthrene	16.869	178	5008	0.219	ng/ul#	94
19) Fluoranthene	18.892	202	2245	0.175	ng/ul#	1
20) Pyrene	19.258	202	1685m	0.126	ng/ul	

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

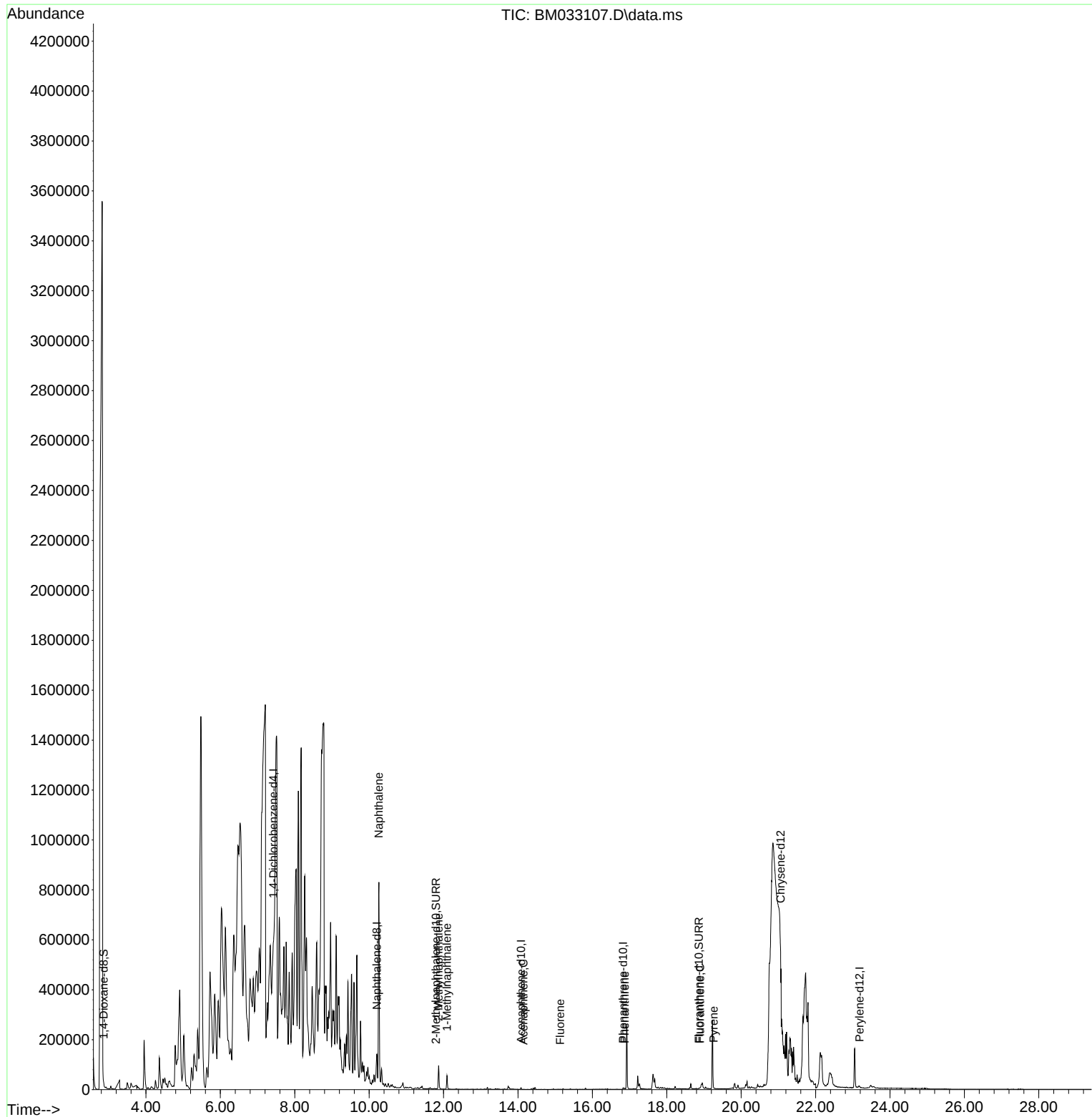
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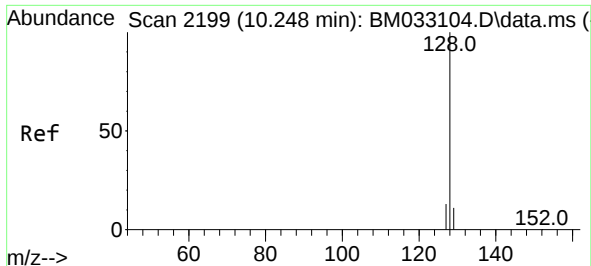
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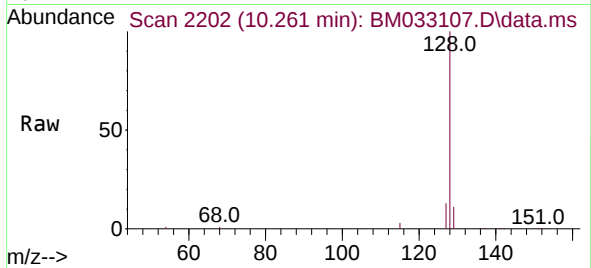
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#5
Naphthalene
Concen: 61.430 ng/ul
RT: 10.261 min Scan# 2199
Delta R.T. 0.013 min
Lab File: BM033107.D
Acq: 15 Nov 2021 10:13

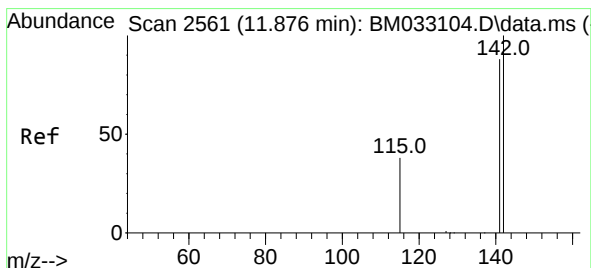
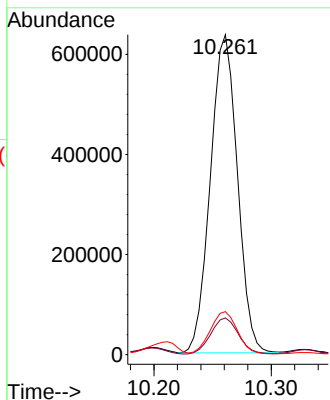
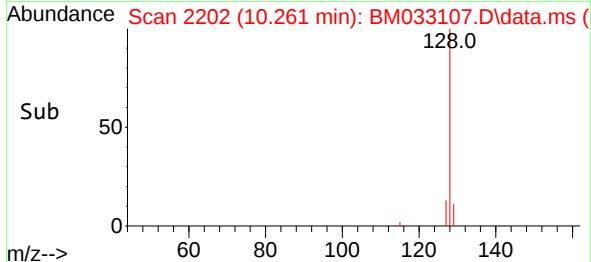
Instrument :
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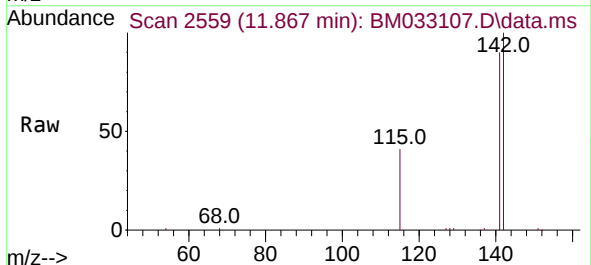
Tgt Ion:128 Resp: 1017294
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.6
127 13.5 11.8 17.8

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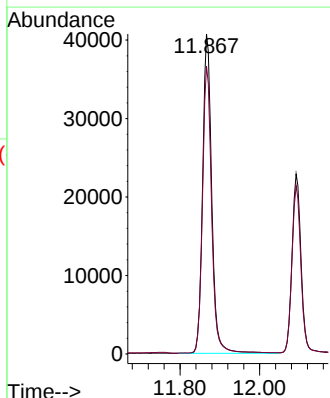
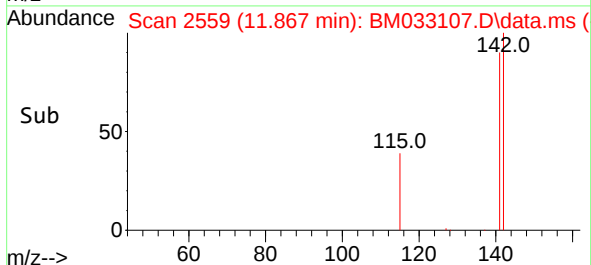
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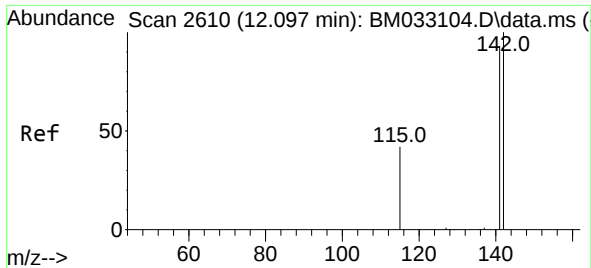


#7
2-Methylnaphthalene
Concen: 5.659 ng/ul
RT: 11.867 min Scan# 2559
Delta R.T. -0.010 min
Lab File: BM033107.D
Acq: 15 Nov 2021 10:13



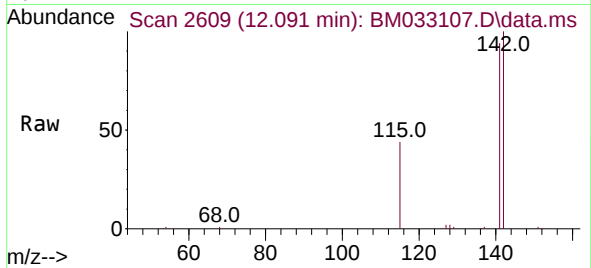
Tgt Ion:142 Resp: 64916
Ion Ratio Lower Upper
142 100
141 89.8 73.3 109.9





#8
1-Methylnaphthalene
Concen: 3.180 ng/ul
RT: 12.091 min Scan# 20
Delta R.T. -0.005 min
Lab File: BM033107.D
Acq: 15 Nov 2021 10:13

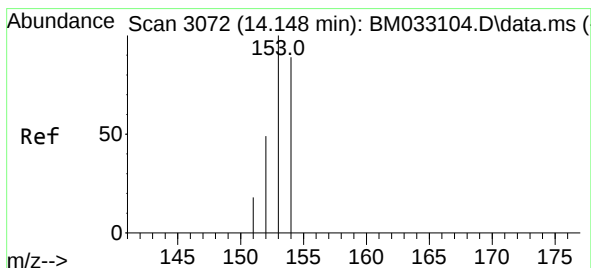
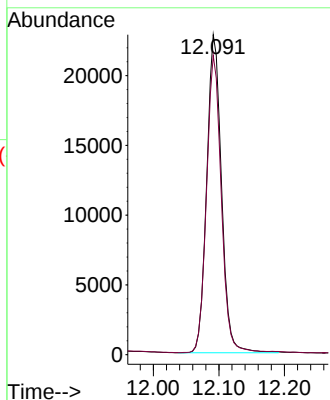
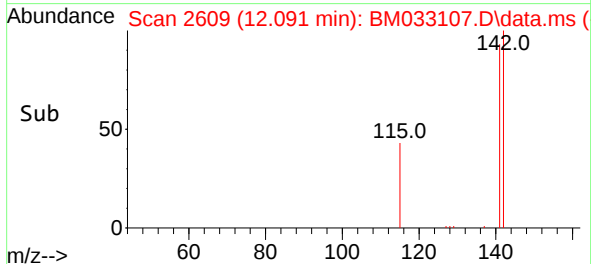
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Tgt Ion:142 Resp: 35720
Ion Ratio Lower Upper
142 100
141 93.3 74.5 111.7

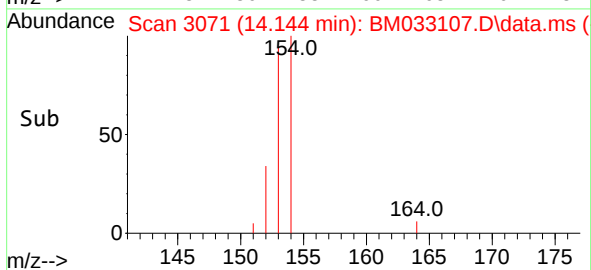
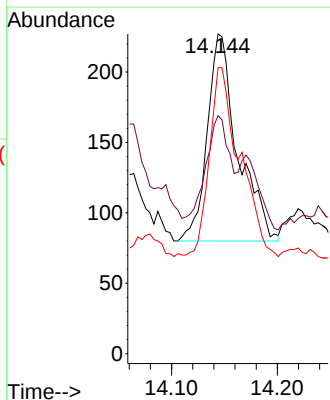
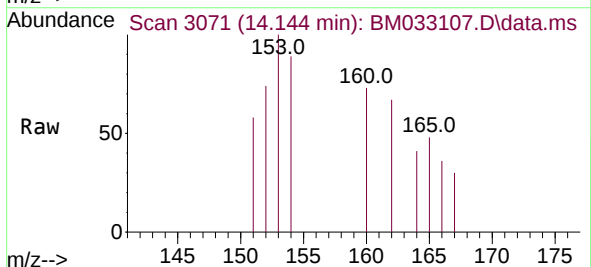
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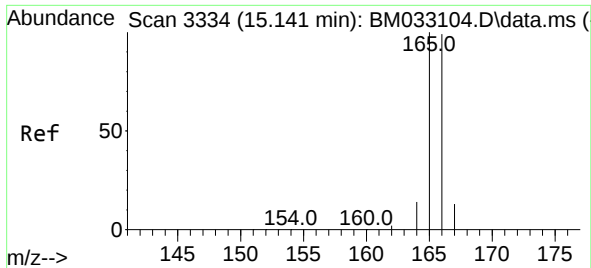
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#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. -0.004 min
Lab File: BM033107.D
Acq: 15 Nov 2021 10:13

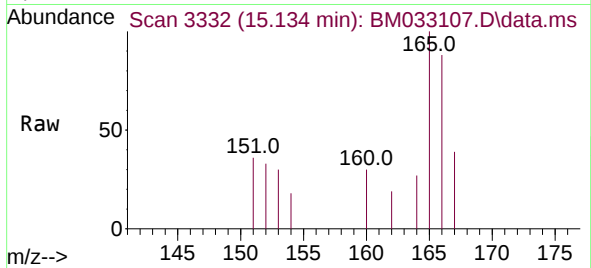
Tgt Ion:153 Resp: 295
Ion Ratio Lower Upper
153 100
152 74.4 40.6 60.8#
154 89.4 70.8 106.2





#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.134 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM033107.D
Acq: 15 Nov 2021 10:13

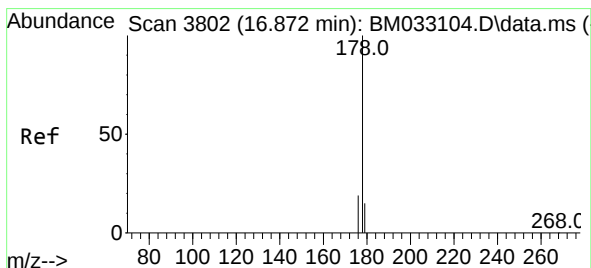
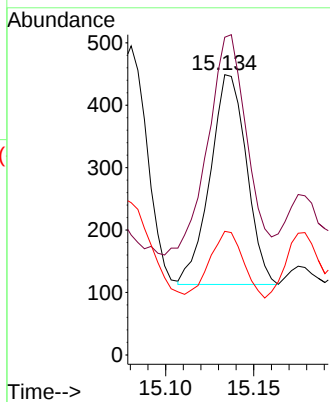
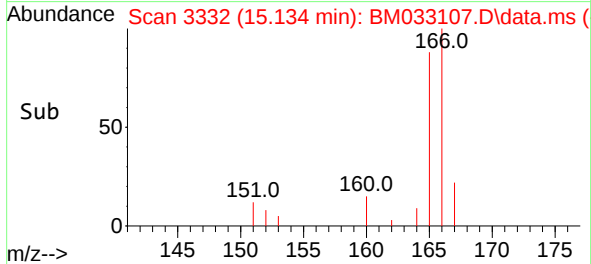
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Tgt Ion:166 Resp: 48
Ion Ratio Lower Upper
166 100
165 113.4 80.8 121.2
167 44.1 11.7 17.5

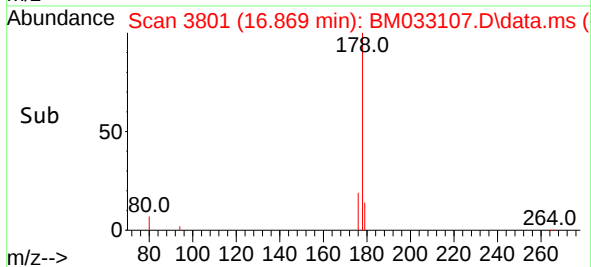
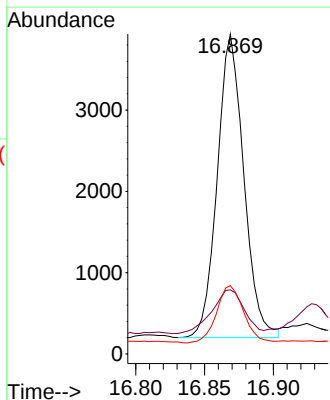
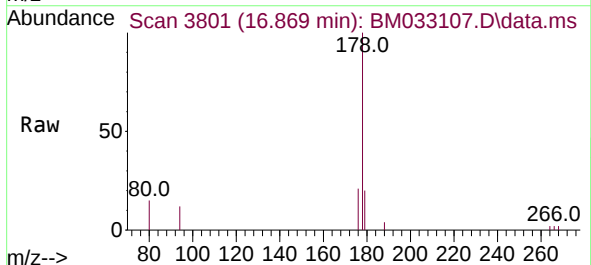
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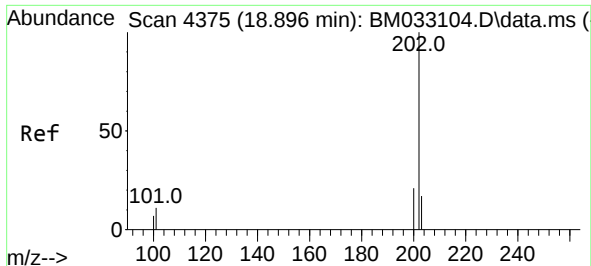
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#15
Phenanthrene
Concen: 0.219 ng/ul
RT: 16.869 min Scan# 3801
Delta R.T. -0.004 min
Lab File: BM033107.D
Acq: 15 Nov 2021 10:13

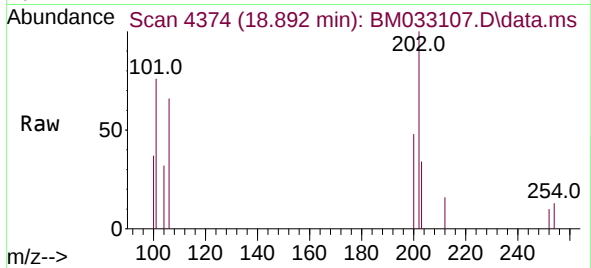
Tgt Ion:178 Resp: 5008
Ion Ratio Lower Upper
178 100
179 20.0 12.9 19.3#
176 21.3 16.0 24.0





#19
Fluoranthene
Concen: 0.175 ng/ul
RT: 18.892 min Scan# 4375
Delta R.T. -0.004 min
Lab File: BM033107.D
Acq: 15 Nov 2021 10:13

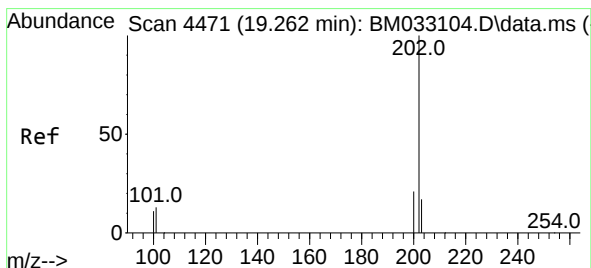
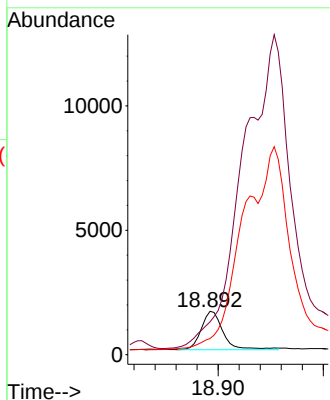
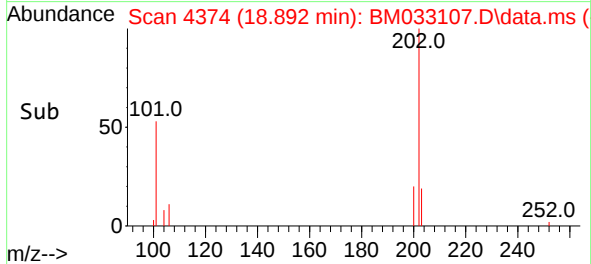
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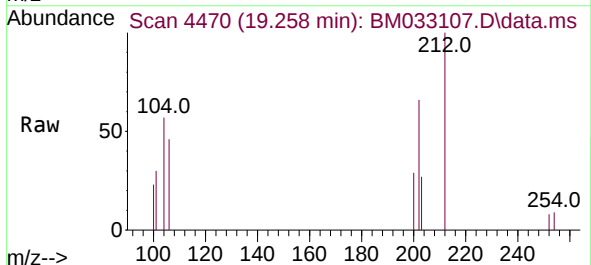
Tgt Ion:202 Resp: 2245
Ion Ratio Lower Upper
202 100
101 75.8 9.9 14.9#
100 37.4 7.3 10.9#

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#20
Pyrene
Concen: 0.126 ng/ul m
RT: 19.258 min Scan# 4470
Delta R.T. -0.004 min
Lab File: BM033107.D
Acq: 15 Nov 2021 10:13



Tgt Ion:202 Resp: 1685
Ion Ratio Lower Upper
202 100
101 45.5 11.8 17.6#
100 35.5 9.5 14.3#

