

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112321\
 Data File : BM033236.D
 Acq On : 23 Nov 2021 14:27
 Operator : CG/JU
 Sample : M4725-04DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4L07DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
 Supervised By :mohammad ahmed 11/26/2021

Quant Time: Nov 23 16:14:04 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 15:41:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	3162	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.746	136	9284	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.571	164	5921	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.305	188	13603	0.400	ng/ul	-0.01
17) Chrysene-d12	21.465	240	10838	0.400	ng/ul	0.00
23) Perylene-d12	23.807	264	8970	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.413	96	2859	0.962	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	1093	0.085	ng/ul	-0.01
18) Fluoranthene-d10	19.322	212	3265	0.104	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.455	88	141	0.042	ng/ul#	65
5) Naphthalene	10.795	128	1096	0.038	ng/ul#	53
8) 1-Methylnaphthalene	12.621	142	1451	0.079	ng/ul	95
10) Acenaphthylene	14.291	152	6007	0.217	ng/ul#	89
11) Acenaphthene	14.636	153	538894	23.732	ng/ul	98
12) Fluorene	15.614	166	117760	4.596	ng/ul	98
15) Phenanthrene	17.351	178	2163m	0.044	ng/ul	
16) Anthracene	17.441	178	18543	0.465	ng/ul	96
19) Fluoranthene	19.353	202	72604	1.392	ng/ul	98
20) Pyrene	19.715	202	50960	0.984	ng/ul	100
21) Benzo(a)anthracene	21.448	228	1945	0.050	ng/ul#	83
22) Chrysene	21.501	228	1531m	0.036	ng/ul	

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

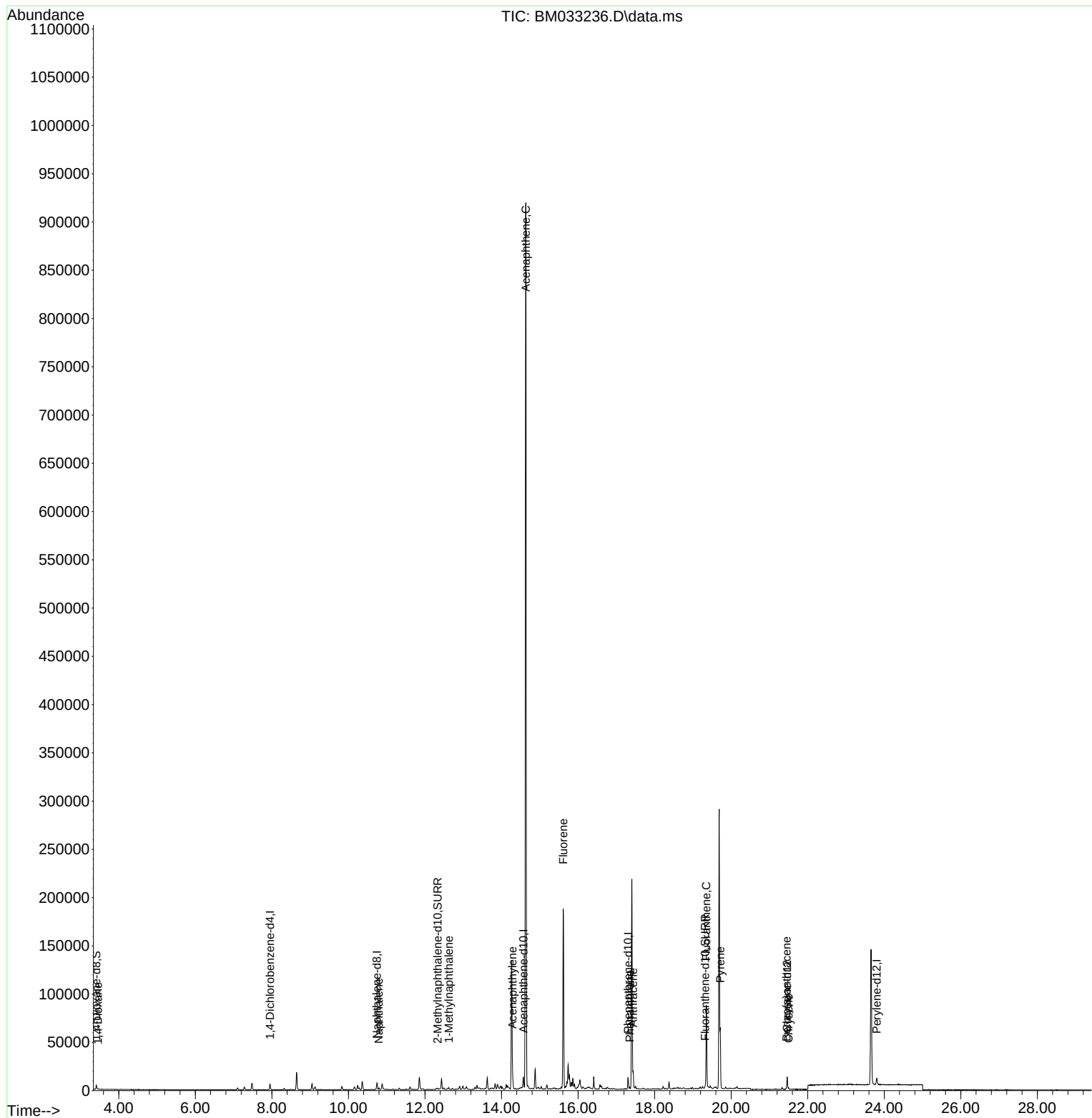
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112321\
Data File : BM033236.D
Acq On : 23 Nov 2021 14:27
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Misc :
ALS Vial : 7 Sample Multiplier: 1

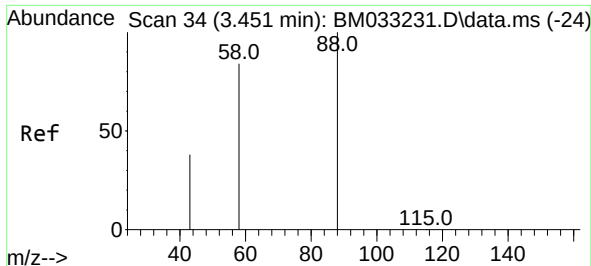
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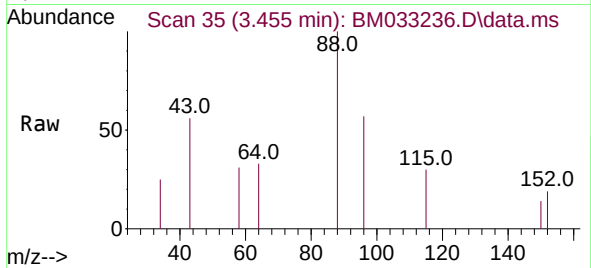
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 15:41:12 2021
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.042 ng/ul
RT: 3.455 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM033236.D
Acq: 23 Nov 2021 14:27

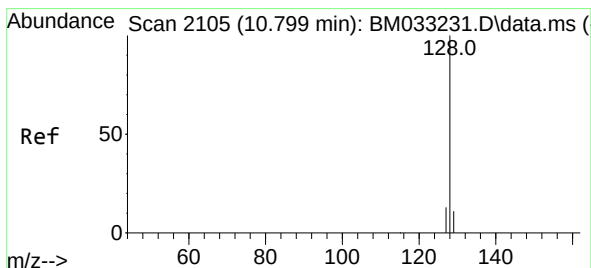
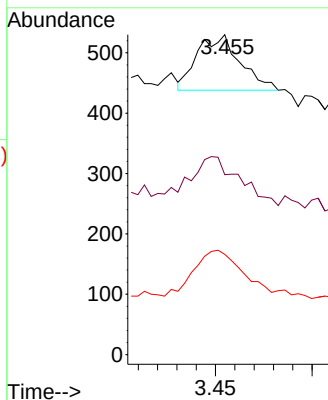
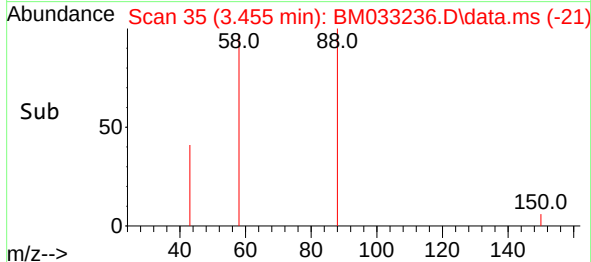
Instrument :
BNA_M
ClientSampleId :
F4L07DL



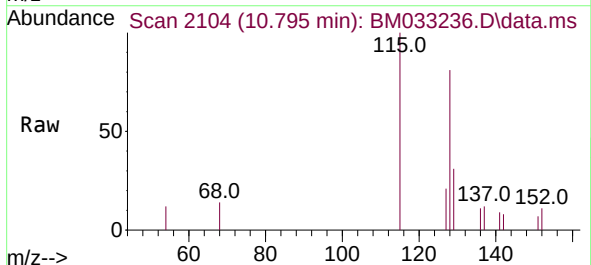
Tgt Ion: 88 Resp: 14
Ion Ratio Lower Upper
88 100
43 56.2 35.8 53.8#
58 31.3 55.8 83.8#

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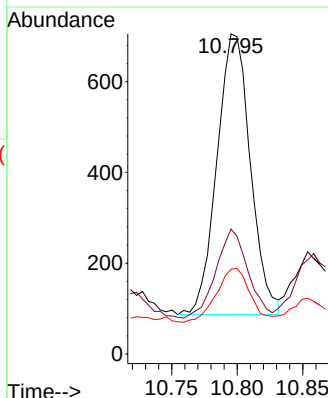
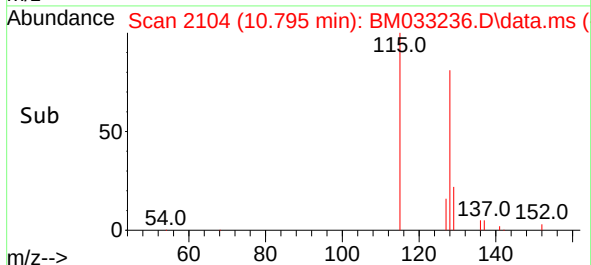
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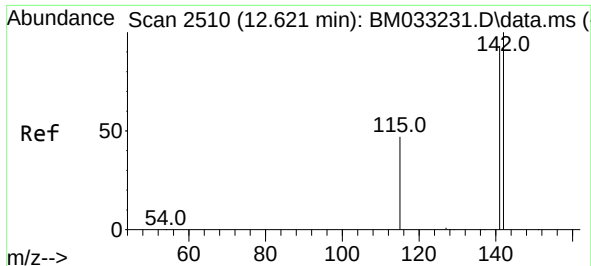


#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.795 min Scan# 2104
Delta R.T. -0.014 min
Lab File: BM033236.D
Acq: 23 Nov 2021 14:27



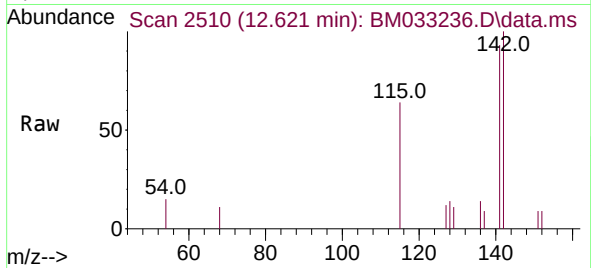
Tgt Ion:128 Resp: 1096
Ion Ratio Lower Upper
128 100
129 39.0 9.8 14.6#
127 26.5 11.8 17.8#





#8
1-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.621 min Scan# 21
Delta R.T. -0.010 min
Lab File: BM033236.D
Acq: 23 Nov 2021 14:27

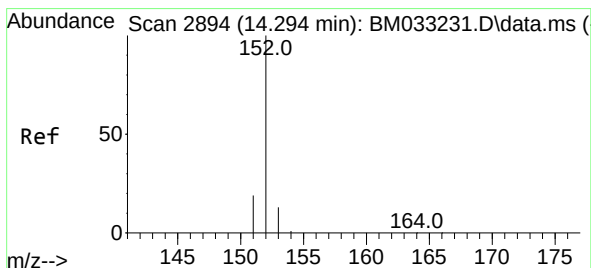
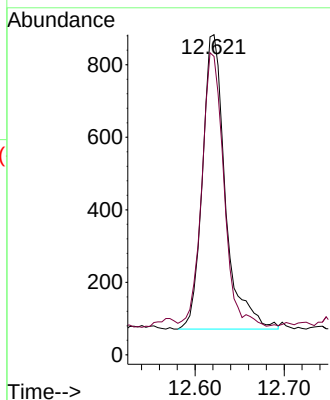
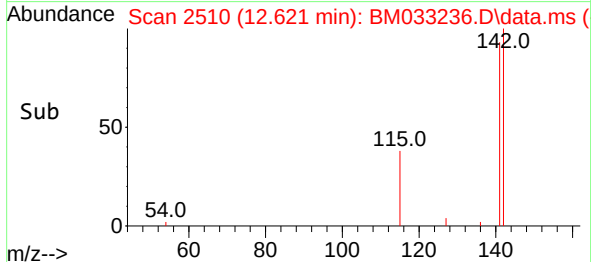
Instrument :
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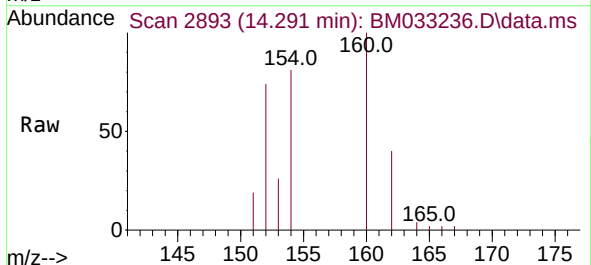
Tgt Ion:142 Resp: 145
Ion Ratio Lower Upper
142 100
141 88.7 74.5 111.7

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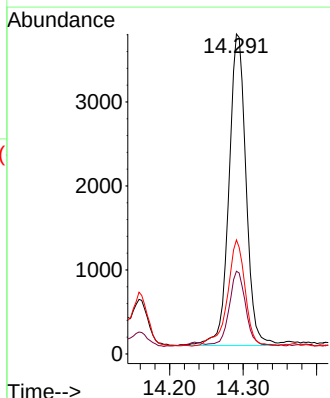
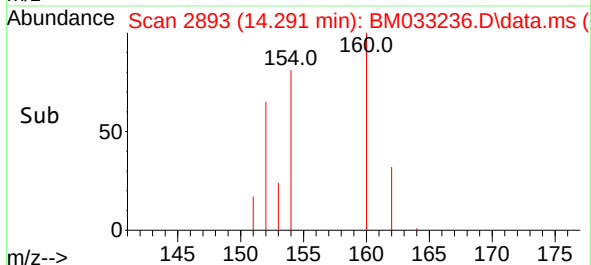
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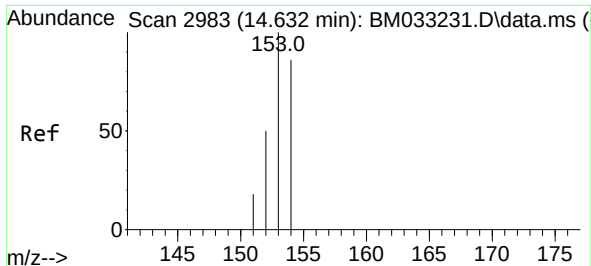


#10
Acenaphthylene
Concen: 0.217 ng/ul
RT: 14.291 min Scan# 2893
Delta R.T. -0.012 min
Lab File: BM033236.D
Acq: 23 Nov 2021 14:27



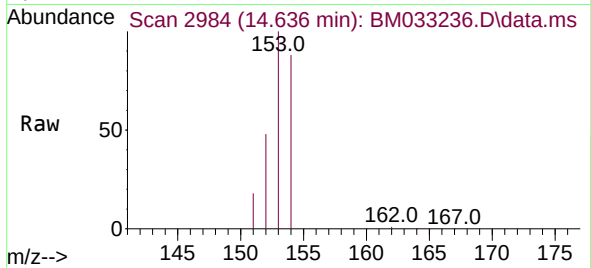
Tgt Ion:152 Resp: 6007
Ion Ratio Lower Upper
152 100
151 25.8 16.7 25.1#
153 35.7 0.0 0.0#





#11
Acenaphthene
Concen: 23.732 ng/ul
RT: 14.636 min Scan# 2984
Delta R.T. -0.008 min
Lab File: BM033236.D
Acq: 23 Nov 2021 14:27

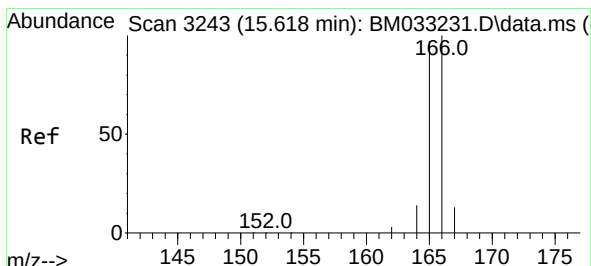
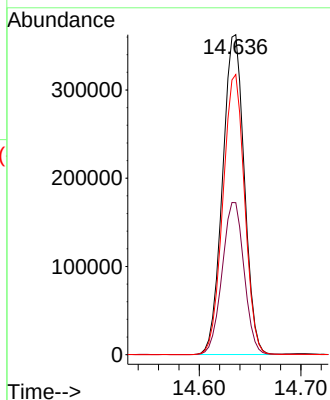
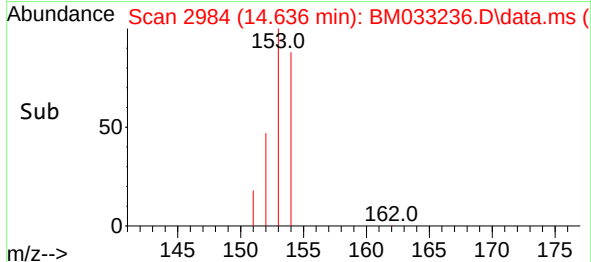
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 538894
Ion Ratio Lower Upper
153 100
152 47.5 40.6 60.8
154 87.5 70.8 106.2

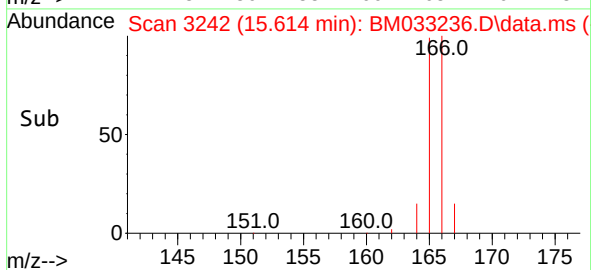
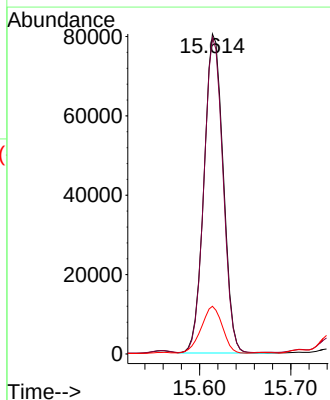
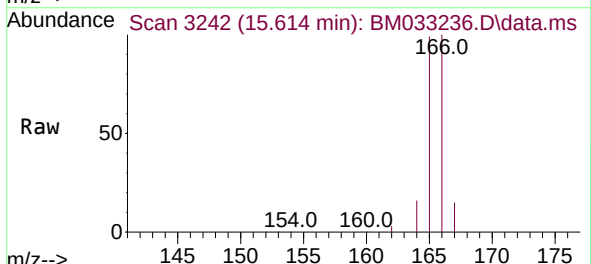
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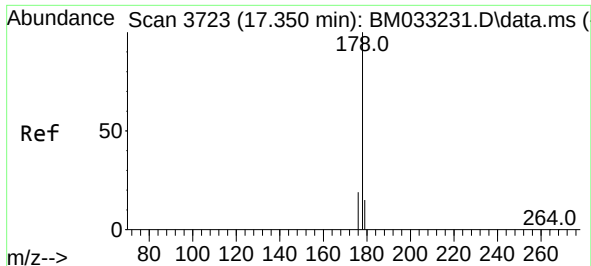
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#12
Fluorene
Concen: 4.596 ng/ul
RT: 15.614 min Scan# 3242
Delta R.T. -0.012 min
Lab File: BM033236.D
Acq: 23 Nov 2021 14:27

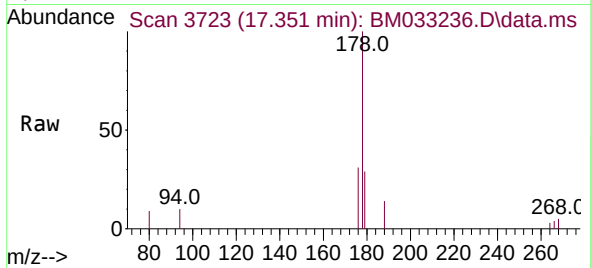
Tgt Ion:166 Resp: 117760
Ion Ratio Lower Upper
166 100
165 98.9 80.8 121.2
167 14.9 11.7 17.5





#15
Phenanthrene
Concen: 0.044 ng/ul m
RT: 17.351 min Scan# 3723
Delta R.T. -0.008 min
Lab File: BM033236.D
Acq: 23 Nov 2021 14:27

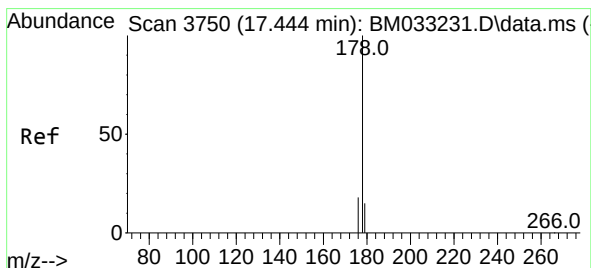
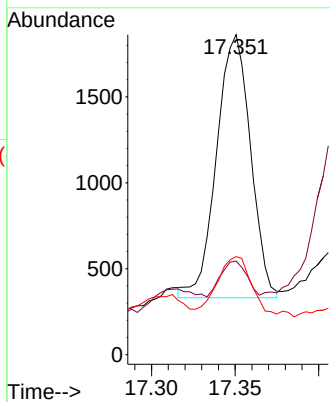
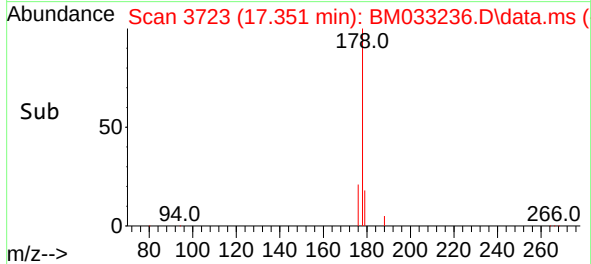
Instrument :
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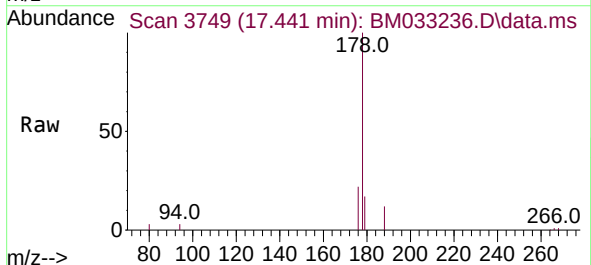
Tgt Ion:178 Resp: 216
Ion Ratio Lower Upper
178 100
179 29.3 12.9 19.3
176 30.7 16.0 24.0

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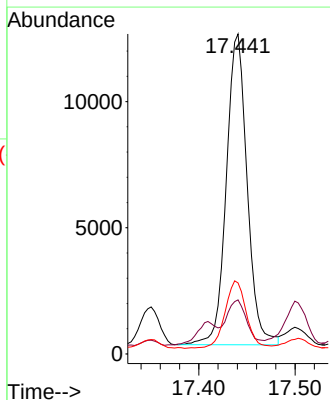
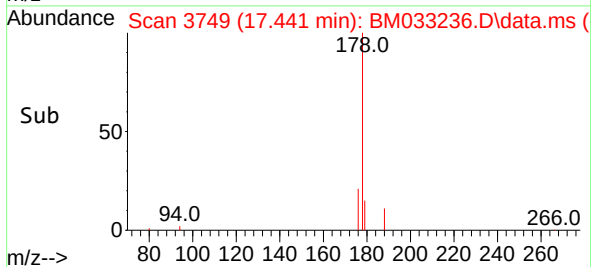
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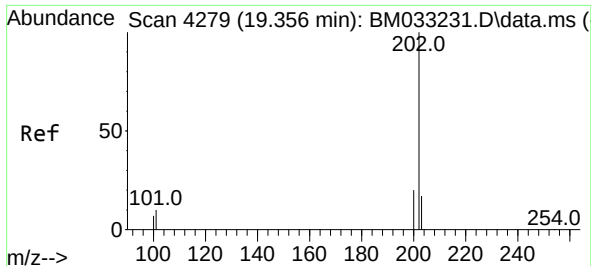


#16
Anthracene
Concen: 0.465 ng/ul
RT: 17.441 min Scan# 3749
Delta R.T. -0.011 min
Lab File: BM033236.D
Acq: 23 Nov 2021 14:27



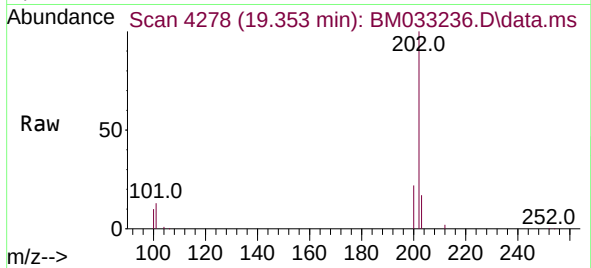
Tgt Ion:178 Resp: 18543
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.6
176 22.2 15.6 23.4





#19
Fluoranthene
Concen: 1.392 ng/u1
RT: 19.353 min Scan# 4278
Delta R.T. -0.009 min
Lab File: BM033236.D
Acq: 23 Nov 2021 14:27

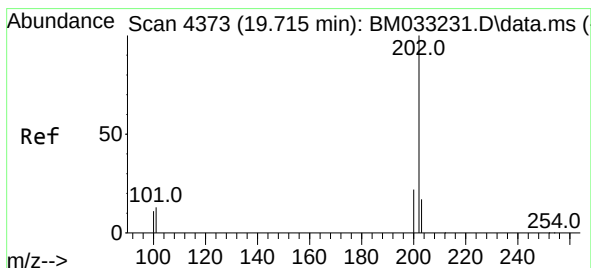
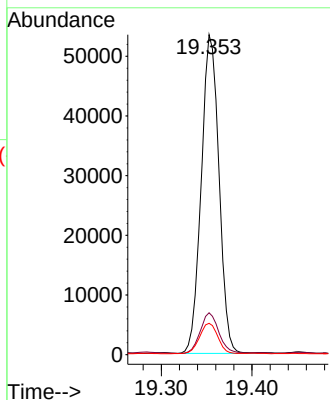
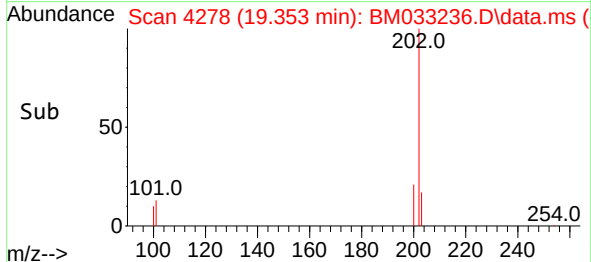
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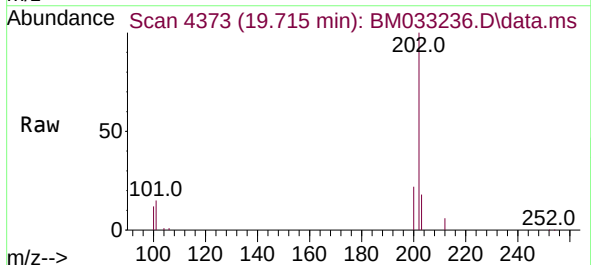
Tgt Ion:202 Resp: 72604
Ion Ratio Lower Upper
202 100
101 13.1 9.9 14.9
100 9.8 7.3 10.9

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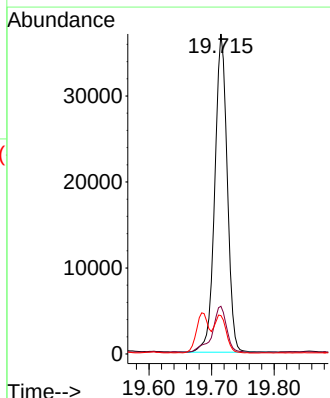
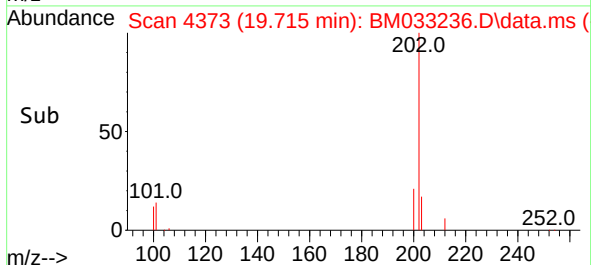
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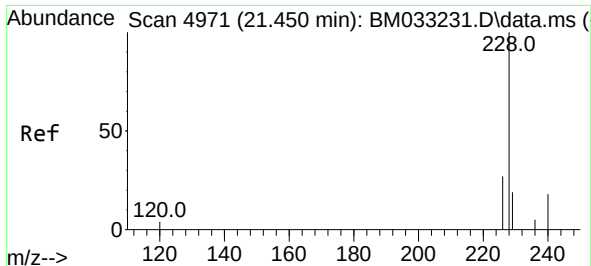


#20
Pyrene
Concen: 0.984 ng/u1
RT: 19.715 min Scan# 4373
Delta R.T. -0.009 min
Lab File: BM033236.D
Acq: 23 Nov 2021 14:27



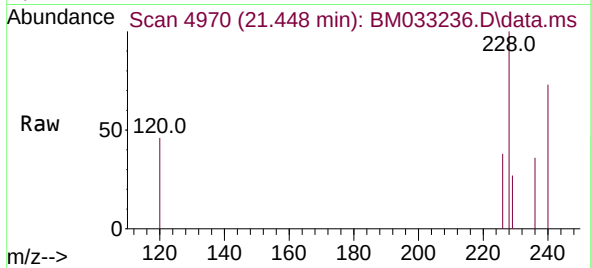
Tgt Ion:202 Resp: 50960
Ion Ratio Lower Upper
202 100
101 14.9 11.8 17.6
100 12.0 9.5 14.3





#21
Benzo(a)anthracene
Concen: 0.050 ng/ul
RT: 21.448 min Scan# 4970
Delta R.T. -0.008 min
Lab File: BM033236.D
Acq: 23 Nov 2021 14:27

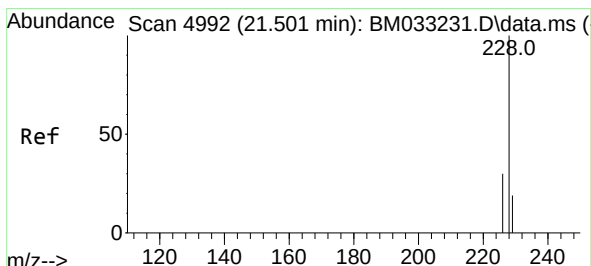
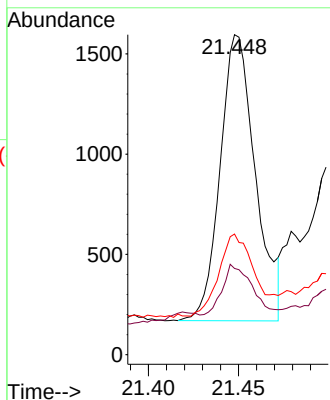
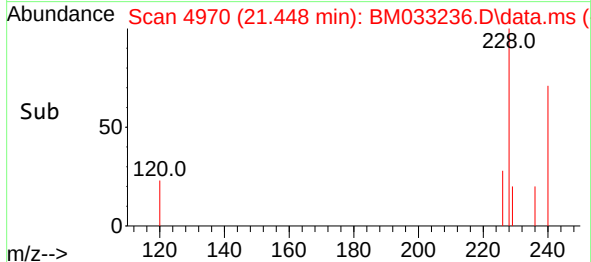
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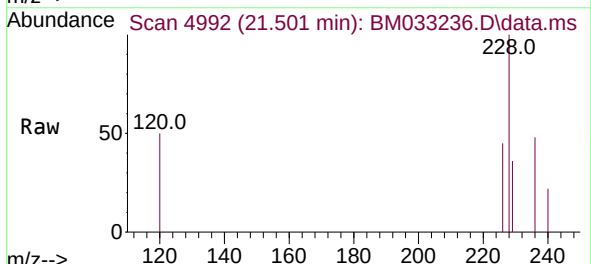
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Ion Ratio Lower Upper
228 100
229 26.9 15.7 23.5#
226 37.7 22.4 33.6#

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#22
Chrysene
Concen: 0.036 ng/ul m
RT: 21.501 min Scan# 4992
Delta R.T. -0.006 min
Lab File: BM033236.D
Acq: 23 Nov 2021 14:27



Tgt Ion:228 Resp: 1531
Ion Ratio Lower Upper
228 100
226 44.9 24.9 37.3#
229 35.5 16.1 24.1#

