

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048169.D
 Acq On : 22 Oct 2024 00:15
 Operator : RC/JU
 Sample : P4380-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 22 00:45:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 23:11:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	6225	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.552	136	18972	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.400	164	13408	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.141	188	22487m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.315	240	16574m	0.400	ng/ul	-0.02
23) Perylene-d12	23.574	264	14903m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	34351	4.059	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152	10856	0.411	ng/ul	-0.05
18) Fluoranthene-d10	19.165	212	24119	0.500	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.607	128	28492	0.553	ng/ul	98
7) 2-Methylnaphthalene	12.223	142	2786	0.094	ng/ul	98
8) 1-Methylnaphthalene	12.443	142	10836	0.319	ng/ul	96
10) Acenaphthylene	14.123	152	8380	0.135	ng/ul#	91
11) Acenaphthene	14.465	153	15027	0.339	ng/ul	99
12) Fluorene	15.451	166	8848	0.187	ng/ul#	97
15) Phenanthrene	17.183	178	44234m	0.778	ng/ul	
16) Anthracene	17.272	178	7544m	0.140	ng/ul	
19) Fluoranthene	19.197	202	30559	0.470	ng/ul	98
20) Pyrene	19.560	202	17334m	0.248	ng/ul	

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

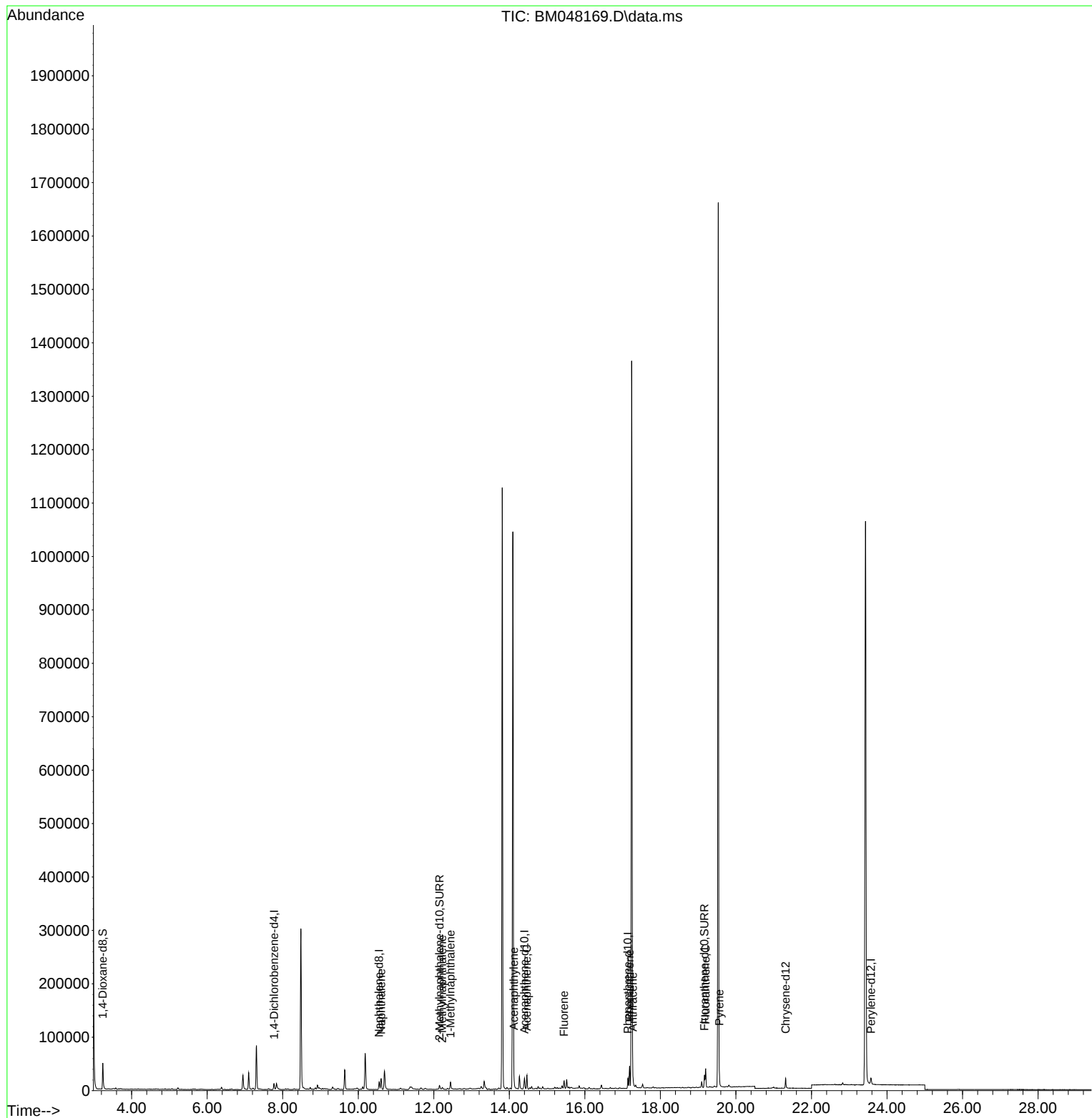
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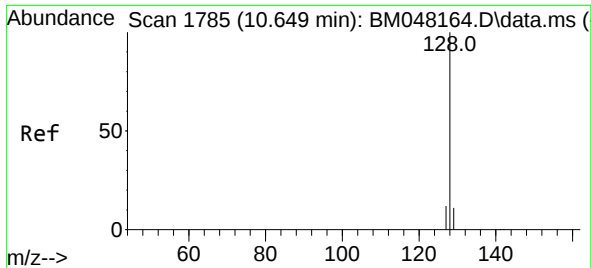
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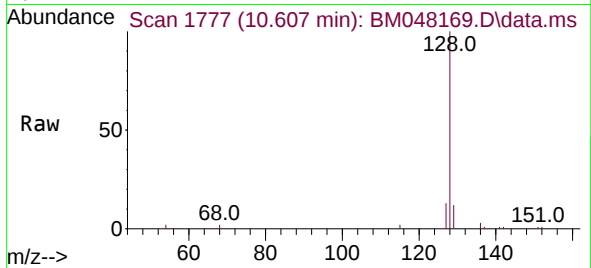
Quant Time: Oct 22 00:45:52 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
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#5
Naphthalene
Concen: 0.553 ng/ul
RT: 10.607 min Scan# 1777
Delta R.T. -0.032 min
Lab File: BM048169.D
Acq: 22 Oct 2024 00:15

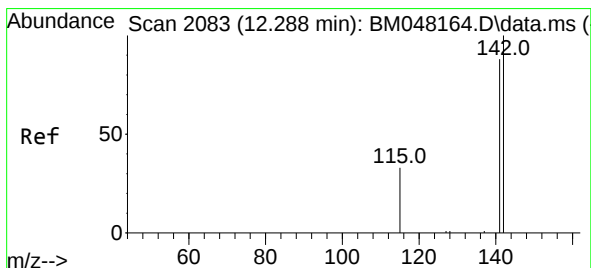
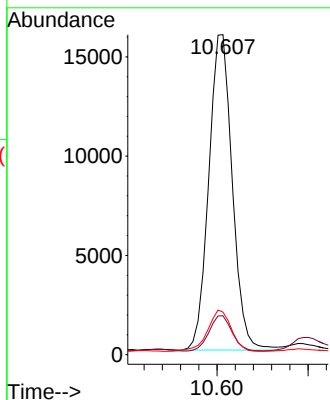
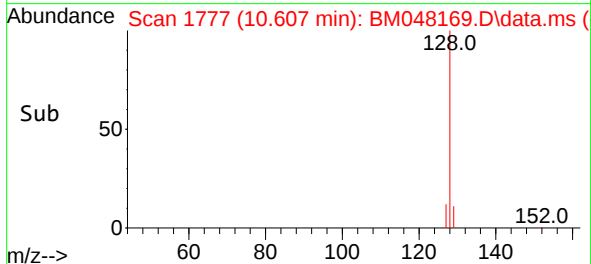
Instrument :
BNA_M
ClientSampleId :
E27H2



Tgt Ion:128 Resp: 28492
Ion Ratio Lower Upper
128 100
129 12.1 10.6 15.8
127 13.3 11.3 16.9

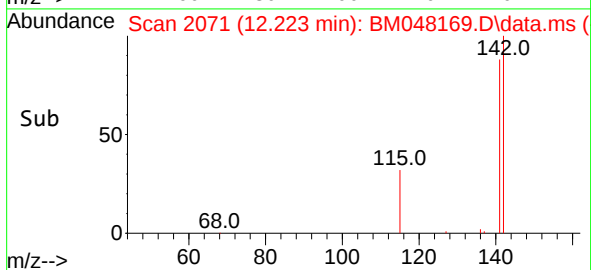
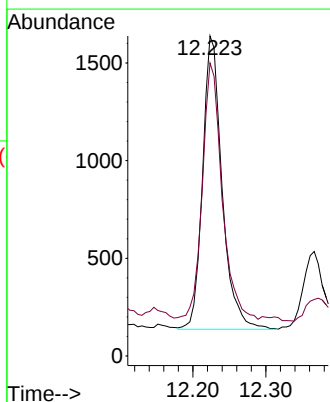
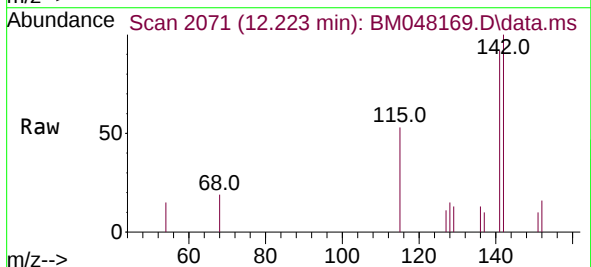
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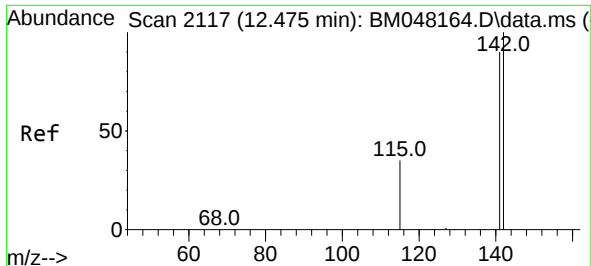
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#7
2-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. -0.048 min
Lab File: BM048169.D
Acq: 22 Oct 2024 00:15

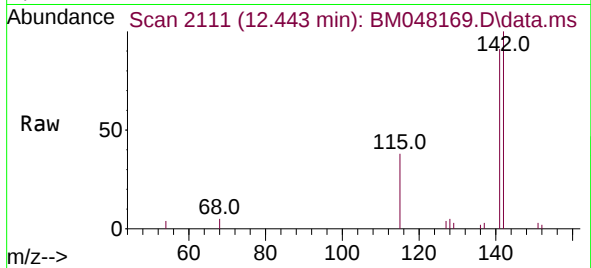
Tgt Ion:142 Resp: 2786
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.026 min
Lab File: BM048169.D
Acq: 22 Oct 2024 00:15

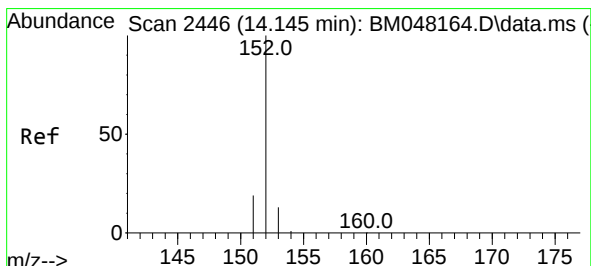
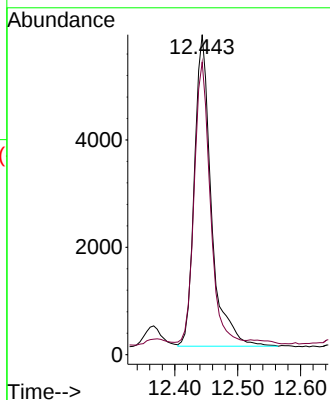
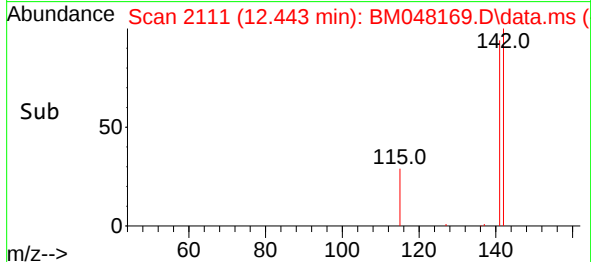
Instrument :
BNA_M
ClientSampleId :
E27H2



Tgt Ion:142 Resp: 10830
Ion Ratio Lower Upper
142 100
141 88.4 73.8 110.6

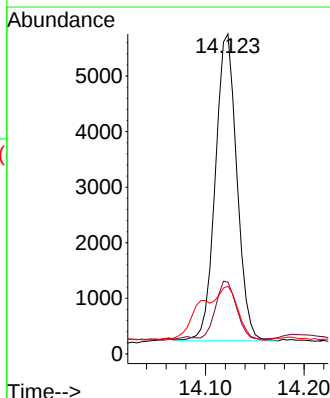
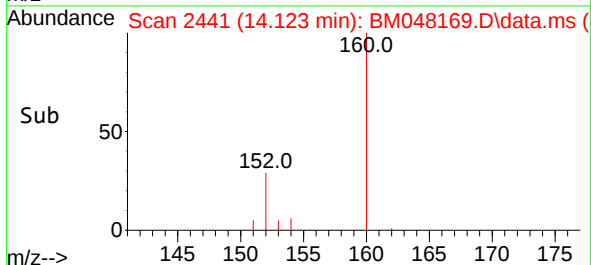
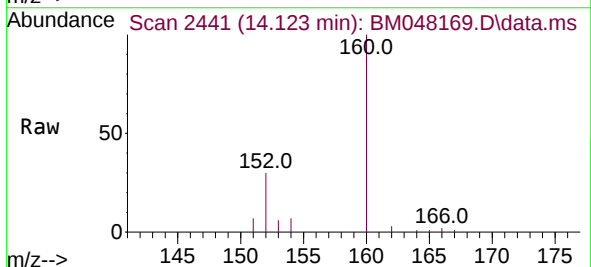
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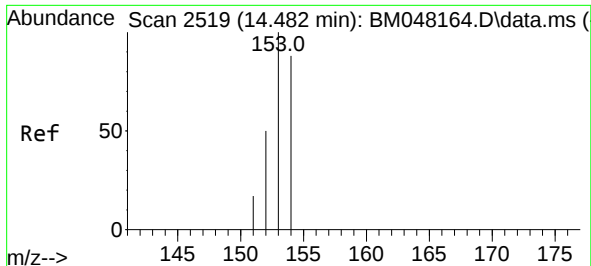
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 0.135 ng/ul
RT: 14.123 min Scan# 2441
Delta R.T. -0.022 min
Lab File: BM048169.D
Acq: 22 Oct 2024 00:15

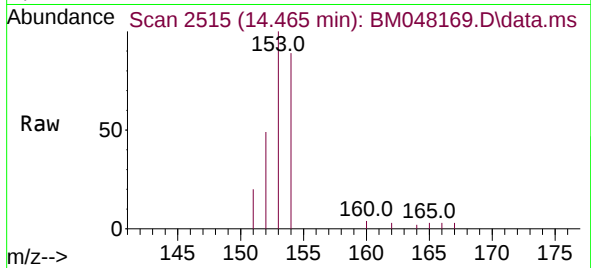
Tgt Ion:152 Resp: 8380
Ion Ratio Lower Upper
152 100
151 22.4 16.2 24.4
153 21.1 11.7 17.5#





#11
Acenaphthene
Concen: 0.339 ng/u1
RT: 14.465 min Scan# 2153
Delta R.T. -0.017 min
Lab File: BM048169.D
Acq: 22 Oct 2024 00:15

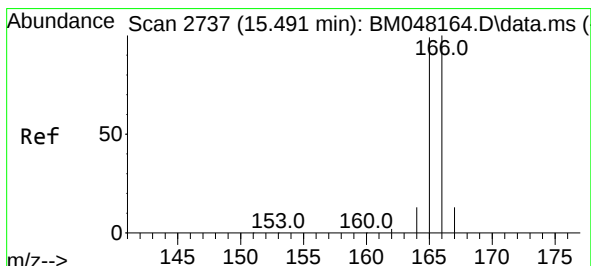
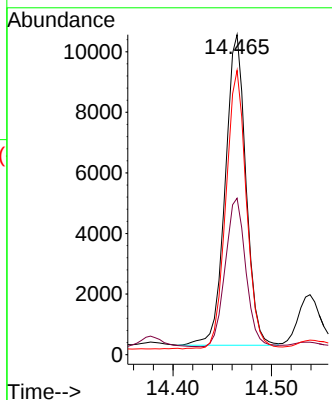
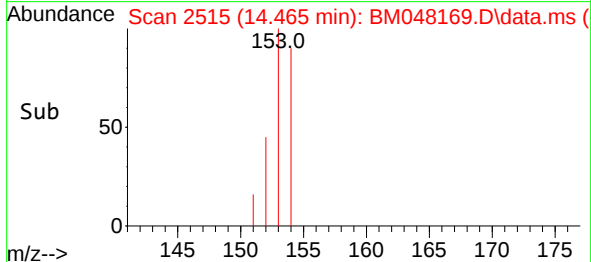
Instrument :
BNA_M
ClientSampleId :
E27H2



Tgt Ion:153 Resp: 1502
Ion Ratio Lower Upper
153 100
152 48.9 40.9 61.3
154 88.9 71.0 106.4

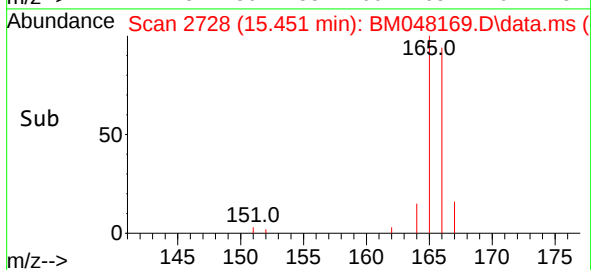
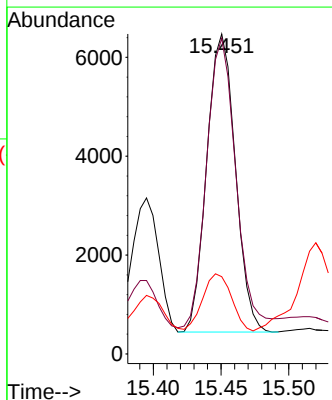
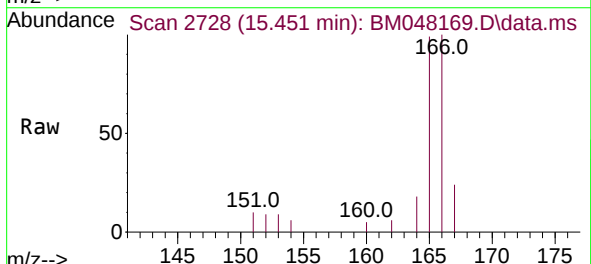
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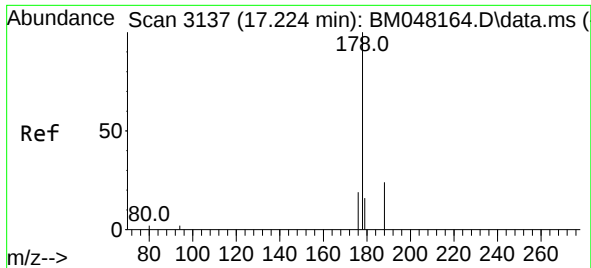
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#12
Fluorene
Concen: 0.187 ng/u1
RT: 15.451 min Scan# 2728
Delta R.T. -0.031 min
Lab File: BM048169.D
Acq: 22 Oct 2024 00:15

Tgt Ion:166 Resp: 8848
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 24.2 12.0 18.0#





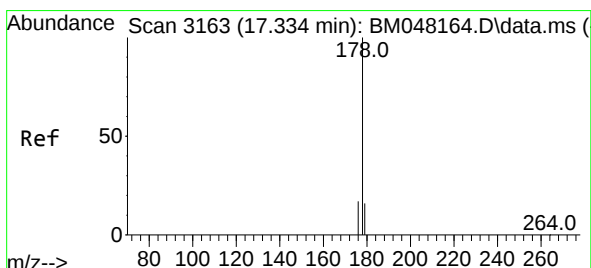
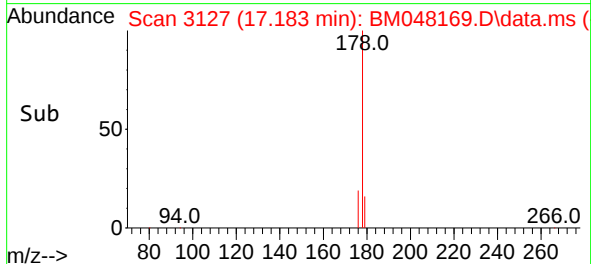
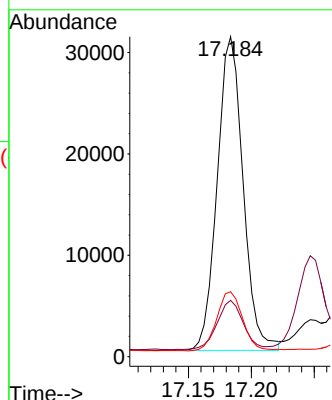
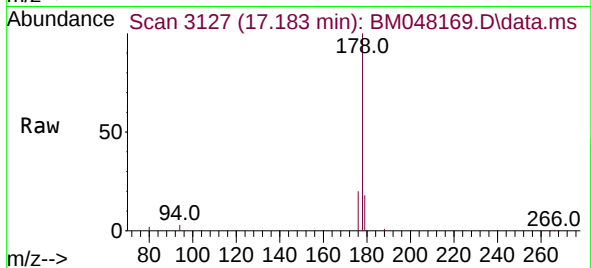
#15
Phenanthrene
Concen: 0.778 ng/ul m
RT: 17.183 min Scan# 3137
Delta R.T. -0.033 min
Lab File: BM048169.D
Acq: 22 Oct 2024 00:15

Instrument :
BNA_M
ClientSampleId :
E27H2

Tgt Ion:178 Resp: 44234
Ion Ratio Lower Upper
178 100
179 17.6 13.2 19.8
176 20.3 16.0 24.0

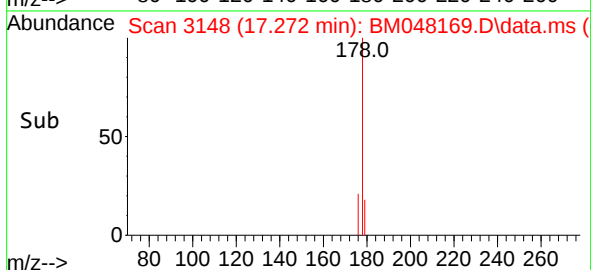
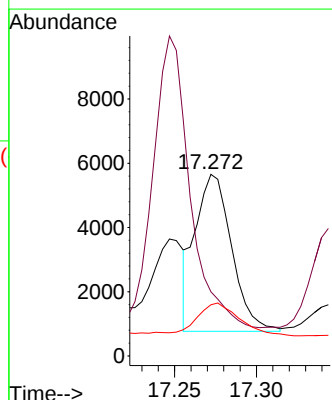
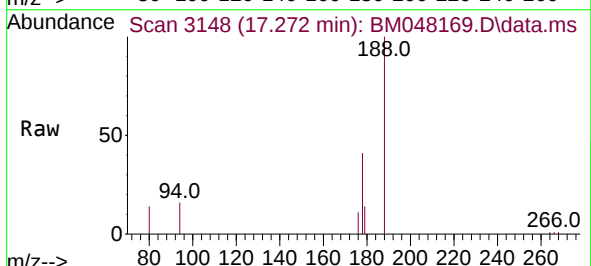
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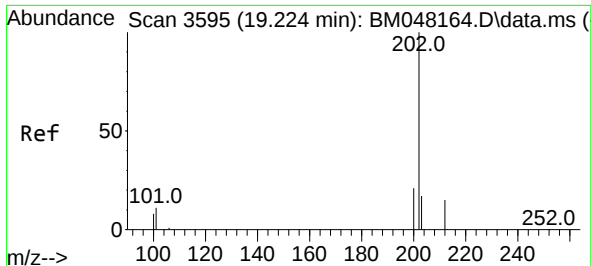
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#16
Anthracene
Concen: 0.140 ng/ul m
RT: 17.272 min Scan# 3148
Delta R.T. -0.049 min
Lab File: BM048169.D
Acq: 22 Oct 2024 00:15

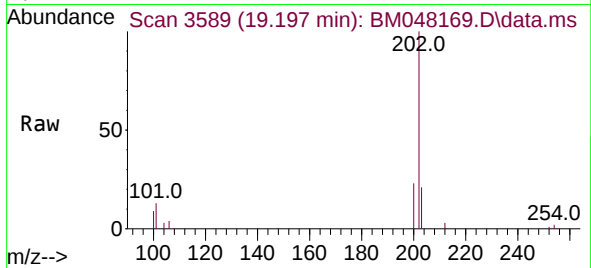
Tgt Ion:178 Resp: 7544
Ion Ratio Lower Upper
178 100
179 35.3 14.5 21.7#
176 28.2 16.0 24.0#





#19
Fluoranthene
Concen: 0.470 ng/ul
RT: 19.197 min Scan# 3589
Delta R.T. -0.022 min
Lab File: BM048169.D
Acq: 22 Oct 2024 00:15

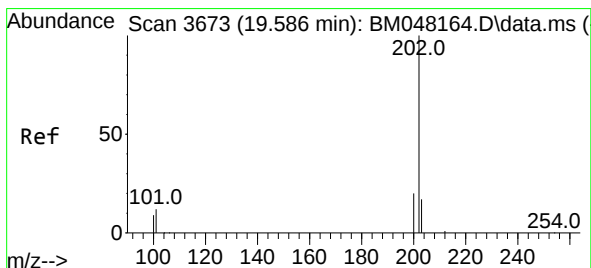
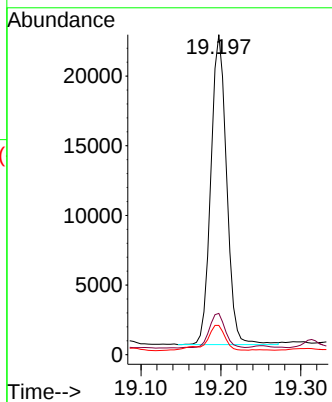
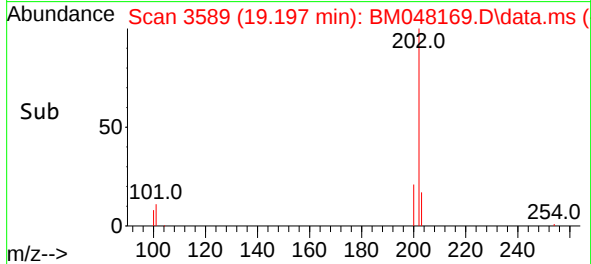
Instrument :
BNA_M
ClientSampleId :
E27H2



Tgt Ion:202 Resp: 3055
Ion Ratio Lower Upper
202 100
101 12.9 9.3 13.9
100 9.1 7.1 10.7

Manual Integrations
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#20
Pyrene
Concen: 0.248 ng/ul m
RT: 19.560 min Scan# 3667
Delta R.T. -0.022 min
Lab File: BM048169.D
Acq: 22 Oct 2024 00:15

Tgt Ion:202 Resp: 17334
Ion Ratio Lower Upper
202 100
101 15.2 10.6 16.0
100 11.7 8.1 12.1

