

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048177.D
 Acq On : 22 Oct 2024 05:05
 Operator : RC/JU
 Sample : P4380-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H7

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 05:37:57 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	7.767	152	6225	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.552	136	19500	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.400	164	12678	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.141	188	22015m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.312	240	17188m	0.400	ng/ul	-0.02
23) Perylene-d12	23.571	264	15133m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	32481	3.838	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	8879	0.327	ng/ul	-0.05
18) Fluoranthene-d10	19.165	212	20985	0.420	ng/ul	-0.03
Target Compounds						
5) Naphthalene	10.607	128	6510301	122.846	ng/ul	Qvalue 97
7) 2-Methylnaphthalene	12.218	142	163916	5.406	ng/ul	97
8) 1-Methylnaphthalene	12.438	142	120641	3.457	ng/ul	95
10) Acenaphthylene	14.123	152	100718	1.720	ng/ul	98
11) Acenaphthene	14.460	153	50251	1.201	ng/ul	98
12) Fluorene	15.450	166	90187	2.011	ng/ul	98
15) Phenanthrene	17.183	178	133407m	2.398	ng/ul	
16) Anthracene	17.272	178	21407m	0.407	ng/ul	
19) Fluoranthene	19.197	202	13861	0.205	ng/ul#	76
20) Pyrene	19.560	202	7314m	0.101	ng/ul	

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

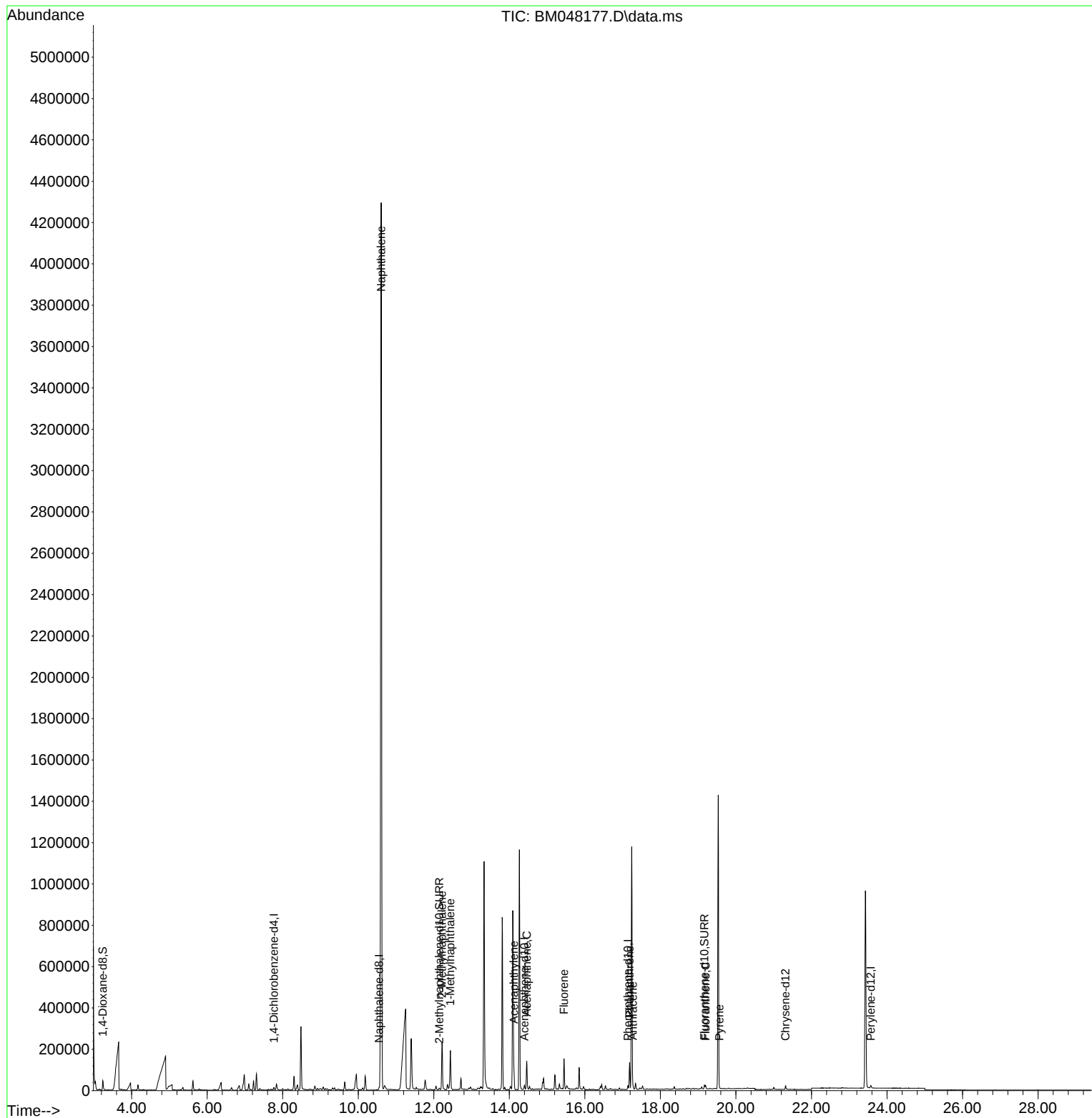
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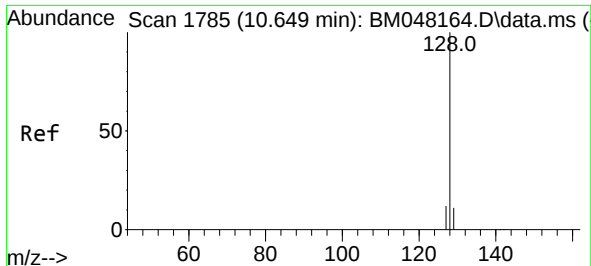
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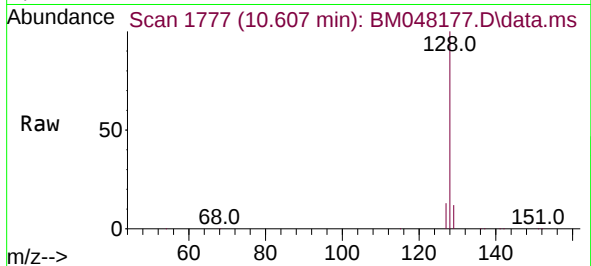
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 122.846 ng/ul
RT: 10.607 min Scan# 11
Delta R.T. -0.032 min
Lab File: BM048177.D
Acq: 22 Oct 2024 05:05

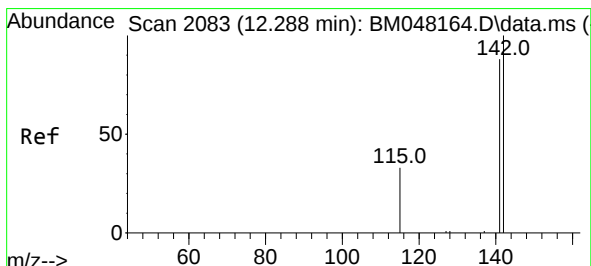
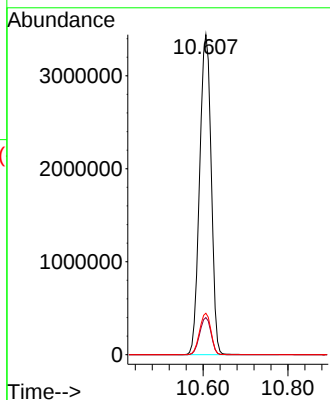
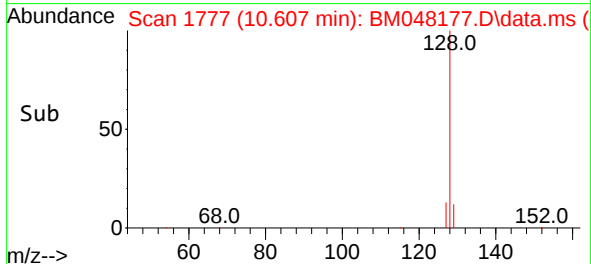
Instrument :
BNA_M
ClientSampleId :
E27H7



Tgt Ion:128 Resp: 651030
Ion Ratio Lower Upper
128 100
129 11.6 10.6 15.8
127 13.0 11.3 16.9

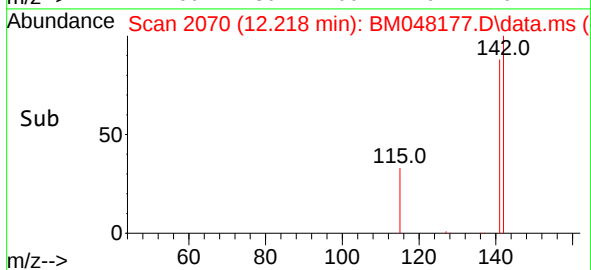
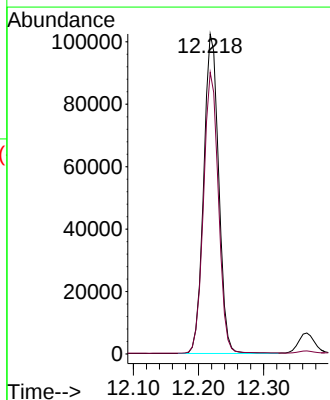
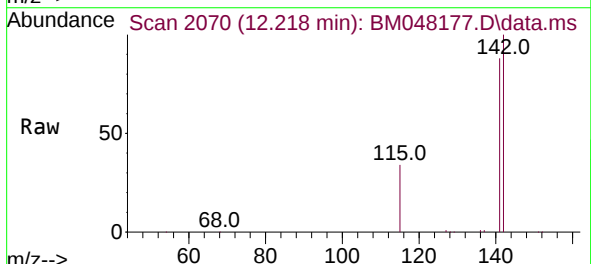
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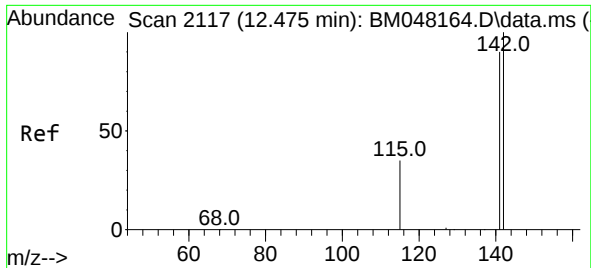
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#7
2-Methylnaphthalene
Concen: 5.406 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. -0.054 min
Lab File: BM048177.D
Acq: 22 Oct 2024 05:05

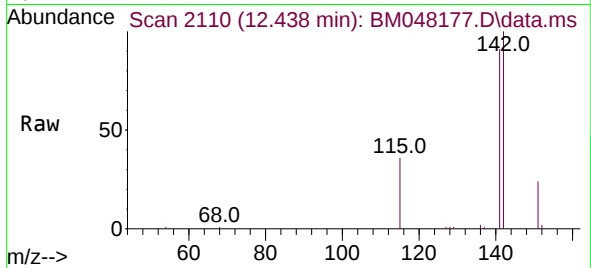
Tgt Ion:142 Resp: 163916
Ion Ratio Lower Upper
142 100
141 87.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 3.457 ng/ul
RT: 12.438 min Scan# 2117
Delta R.T. -0.032 min
Lab File: BM048177.D
Acq: 22 Oct 2024 05:05

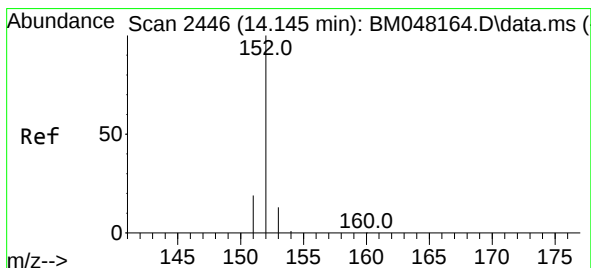
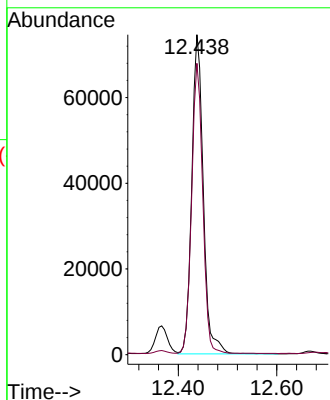
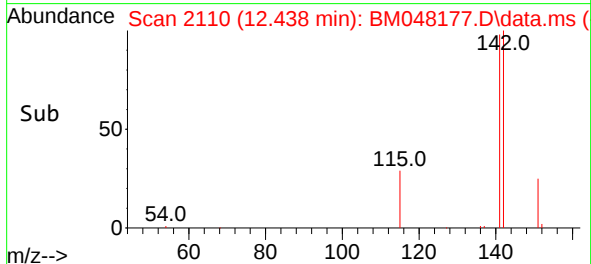
Instrument :
BNA_M
ClientSampleId :
E27H7



Tgt Ion:142 Resp: 12064
Ion Ratio Lower Upper
142 100
141 87.3 73.8 110.6

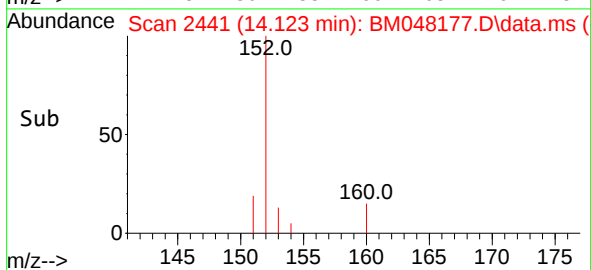
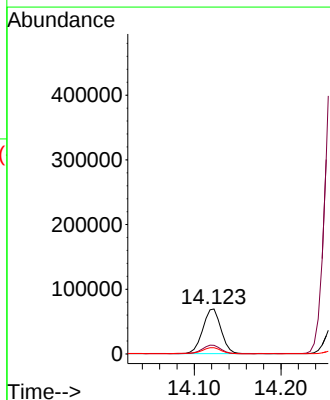
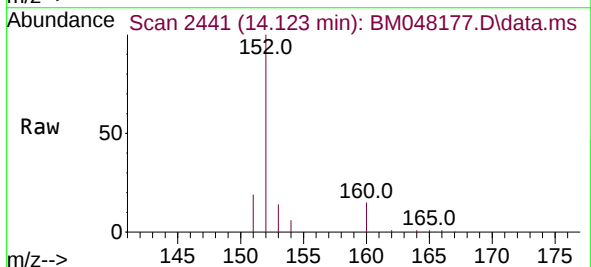
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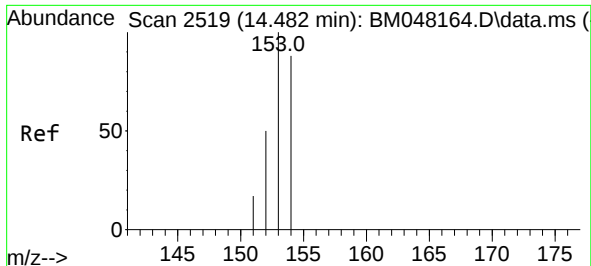
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 1.720 ng/ul
RT: 14.123 min Scan# 2441
Delta R.T. -0.022 min
Lab File: BM048177.D
Acq: 22 Oct 2024 05:05

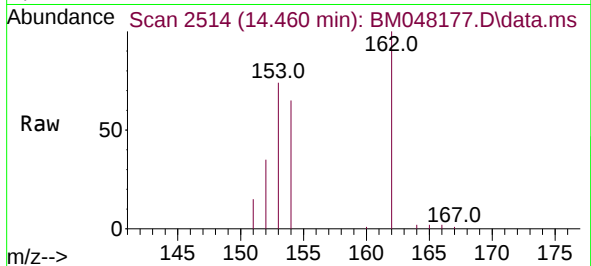
Tgt Ion:152 Resp: 100718
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.4
153 13.9 11.7 17.5





#11
Acenaphthene
Concen: 1.201 ng/ul
RT: 14.460 min Scan# 214
Delta R.T. -0.022 min
Lab File: BM048177.D
Acq: 22 Oct 2024 05:05

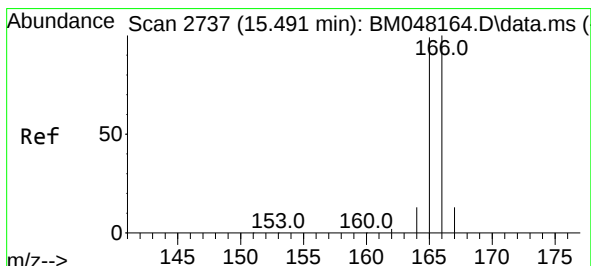
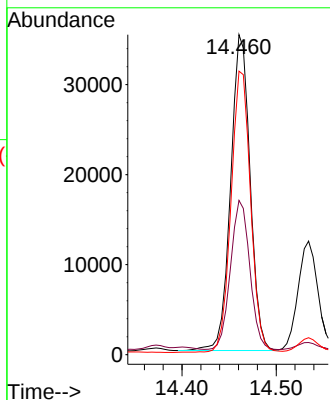
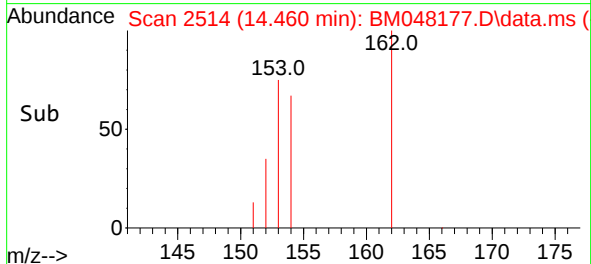
Instrument :
BNA_M
ClientSampleId :
E27H7



Tgt Ion:153 Resp: 5025
Ion Ratio Lower Upper
153 100
152 48.2 40.9 61.3
154 88.6 71.0 106.4

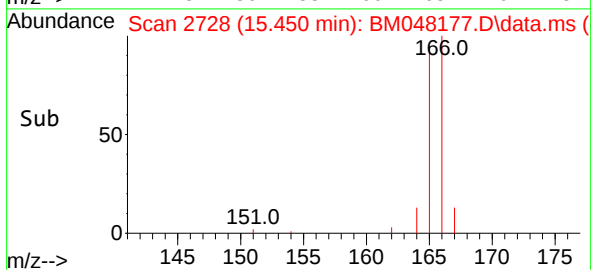
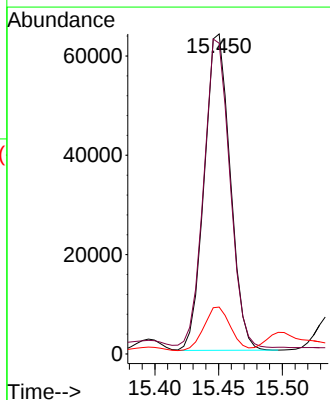
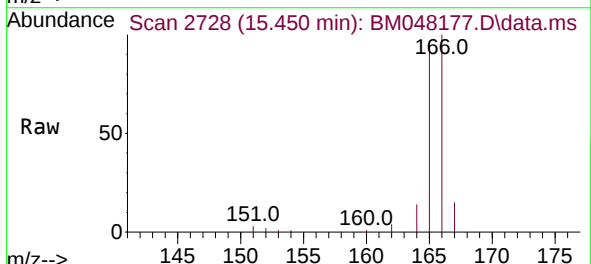
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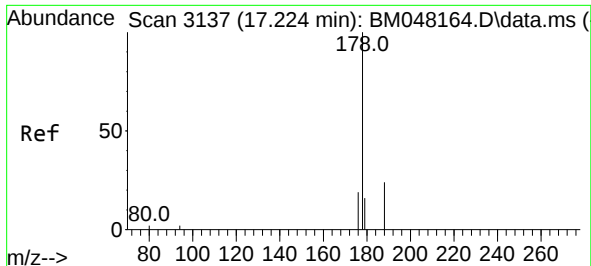
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#12
Fluorene
Concen: 2.011 ng/ul
RT: 15.450 min Scan# 2728
Delta R.T. -0.031 min
Lab File: BM048177.D
Acq: 22 Oct 2024 05:05

Tgt Ion:166 Resp: 90187
Ion Ratio Lower Upper
166 100
165 97.1 79.1 118.7
167 14.7 12.0 18.0





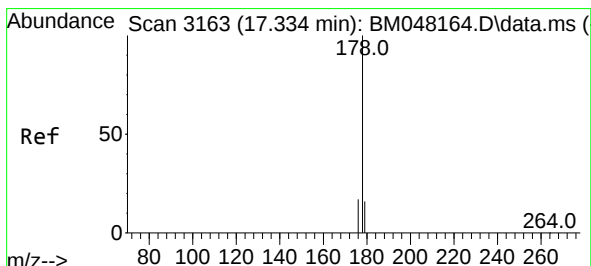
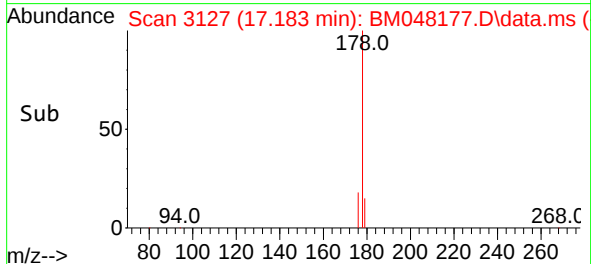
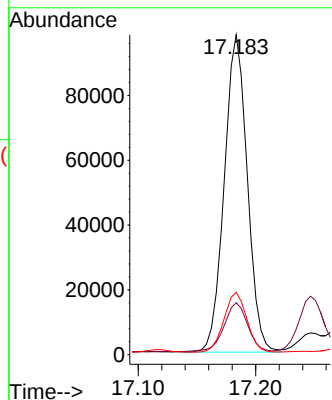
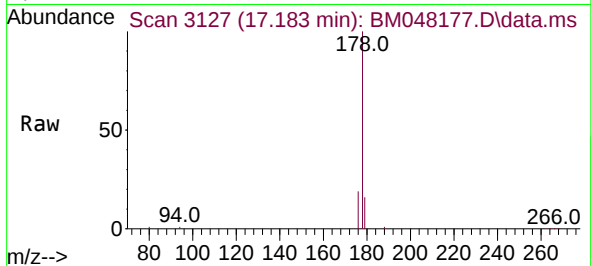
#15
Phenanthrene
Concen: 2.398 ng/ul m
RT: 17.183 min Scan# 3137
Delta R.T. -0.033 min
Lab File: BM048177.D
Acq: 22 Oct 2024 05:05

Instrument :
BNA_M
ClientSampleId :
E27H7

Tgt Ion:178 Resp: 13340
Ion Ratio Lower Upper
178 100
179 16.2 13.2 19.8
176 19.4 16.0 24.0

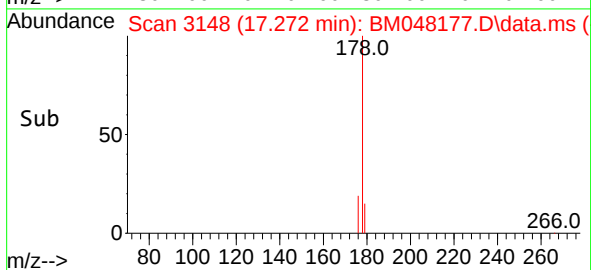
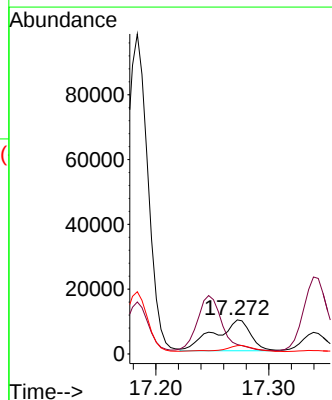
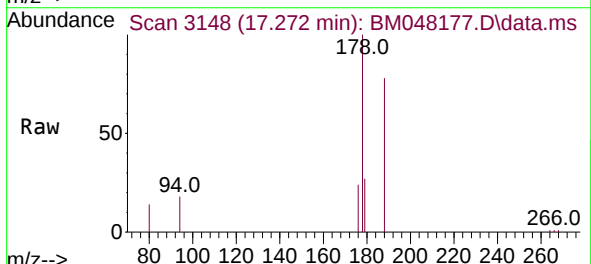
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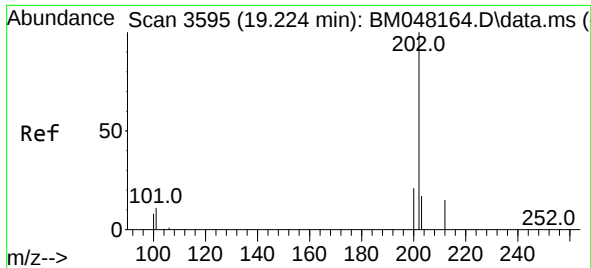
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Supervised By :mohammad ahmed 10/23/2024



#16
Anthracene
Concen: 0.407 ng/ul m
RT: 17.272 min Scan# 3148
Delta R.T. -0.050 min
Lab File: BM048177.D
Acq: 22 Oct 2024 05:05

Tgt Ion:178 Resp: 21407
Ion Ratio Lower Upper
178 100
179 27.4 14.5 21.7#
176 24.3 16.0 24.0#





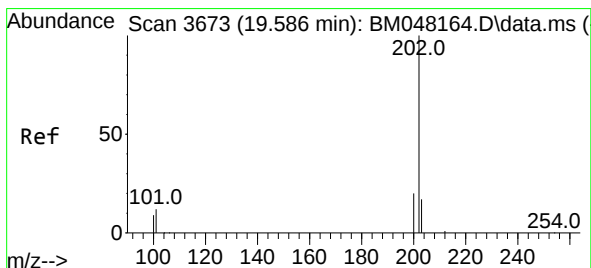
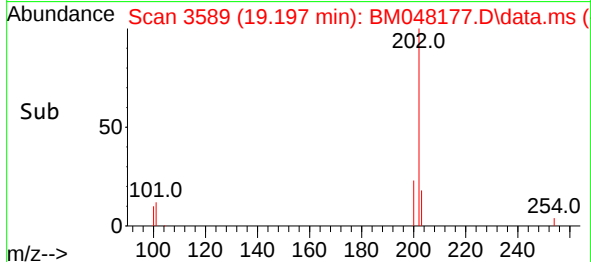
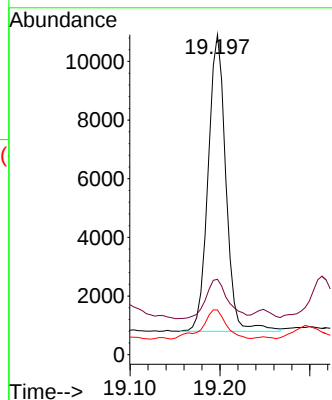
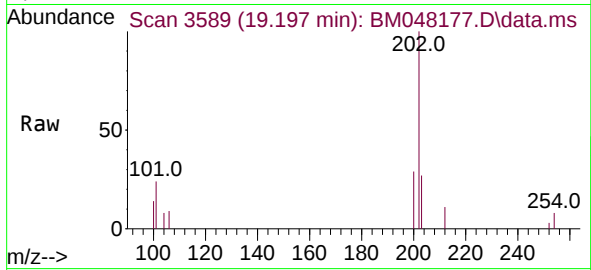
#19
Fluoranthene
Concen: 0.205 ng/ul
RT: 19.197 min Scan# 3589
Delta R.T. -0.022 min
Lab File: BM048177.D
Acq: 22 Oct 2024 05:05

Instrument :
BNA_M
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E27H7

Tgt Ion:202 Resp: 1386
Ion Ratio Lower Upper
202 100
101 23.5 9.3 13.9
100 14.0 7.1 10.7

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#20
Pyrene
Concen: 0.101 ng/ul m
RT: 19.560 min Scan# 3667
Delta R.T. -0.022 min
Lab File: BM048177.D
Acq: 22 Oct 2024 05:05

Tgt Ion:202 Resp: 7314
Ion Ratio Lower Upper
202 100
101 34.6 10.6 16.0#
100 16.2 8.1 12.1#

