

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048190.D
 Acq On : 22 Oct 2024 13:32
 Operator : RC/JU
 Sample : P4380-16DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27J1DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 14:18:46 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 : Tue Oct 22 10:58:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	6900	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.552	136	21538	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.400	164	13146	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.141	188	24407	0.400	ng/ul	-0.03
17) Chrysene-d12	21.312	240	19283	0.400	ng/ul	-0.02
23) Perylene-d12	23.572	264	17892m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.236	96	9317	0.993	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	3134	0.104	ng/ul	-0.05
18) Fluoranthene-d10	19.165	212	6458	0.115	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.601	128	361256	6.172	ng/ul	95
7) 2-Methylnaphthalene	12.223	142	26622	0.795	ng/ul	97
8) 1-Methylnaphthalene	12.438	142	28637	0.743	ng/ul	97
10) Acenaphthylene	14.118	152	31775	0.523	ng/ul	100
11) Acenaphthene	14.461	153	20218	0.466	ng/ul	99
12) Fluorene	15.446	166	26727	0.575	ng/ul	99
14) Pentachlorophenol	16.804	266	354	0.043	ng/ul	95
15) Phenanthrene	17.179	178	51864	0.841	ng/ul	99
16) Anthracene	17.272	178	5650m	0.097	ng/ul	
19) Fluoranthene	19.193	202	10868	0.144	ng/ul#	93
20) Pyrene	19.555	202	6612	0.081	ng/ul#	87

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

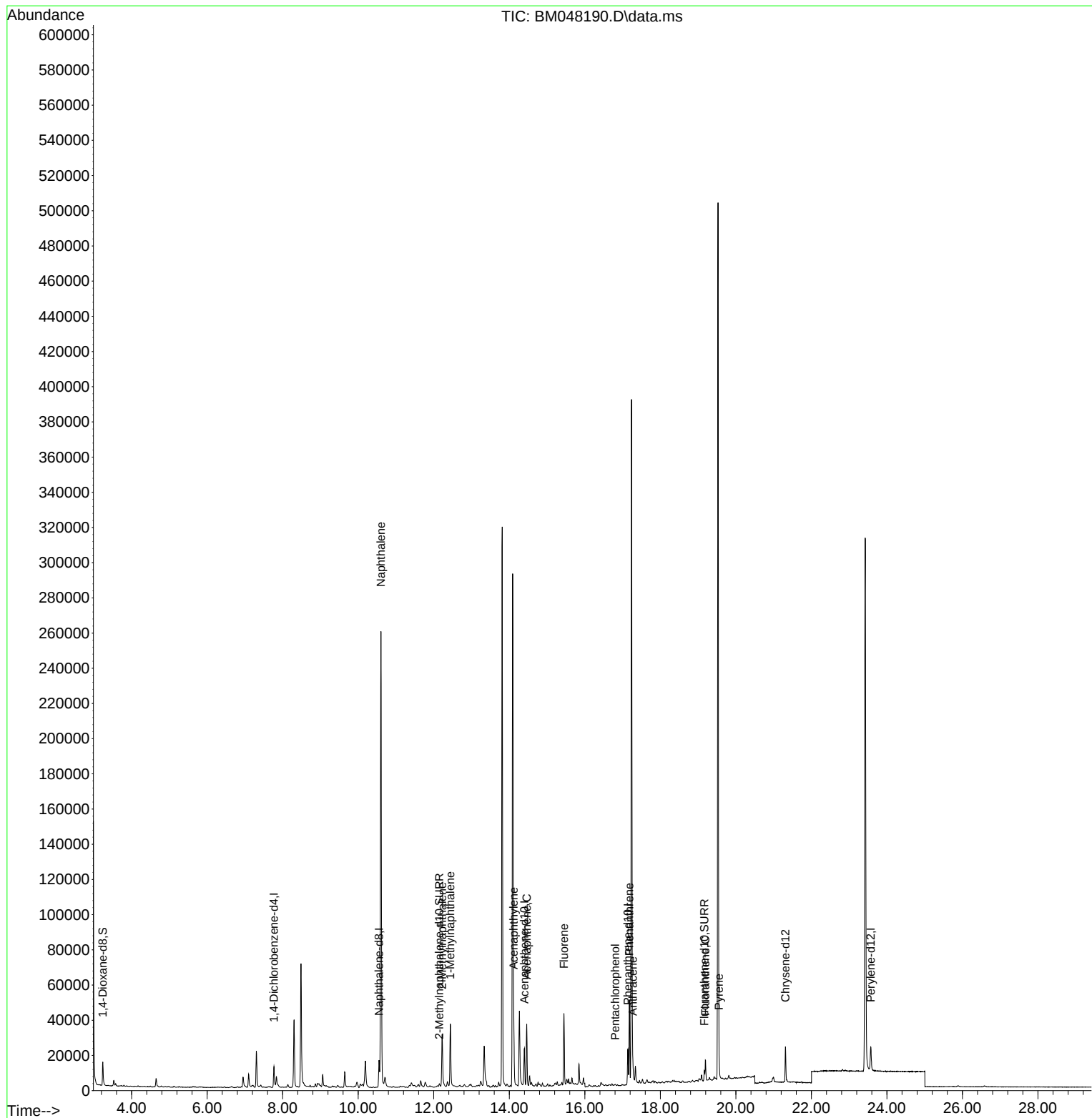
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048190.D
Acq On : 22 Oct 2024 13:32
Operator : RC/JU
Sample : P4380-16DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

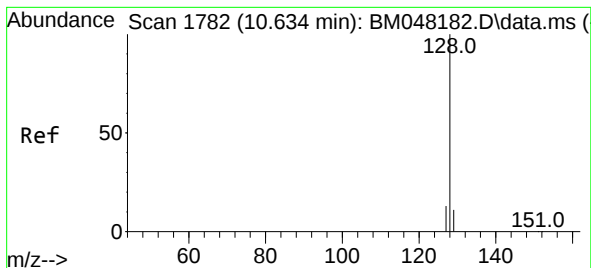
Instrument :
BNA_M
ClientSampleId :
E27J1DL

Manual Integrations
APPROVED

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

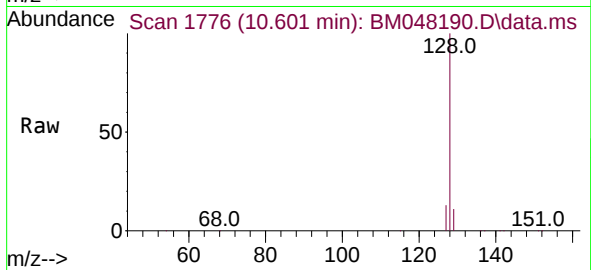
Quant Time: Oct 22 14:18:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 6.172 ng/ul
RT: 10.601 min Scan# 1776
Delta R.T. -0.033 min
Lab File: BM048190.D
Acq: 22 Oct 2024 13:32

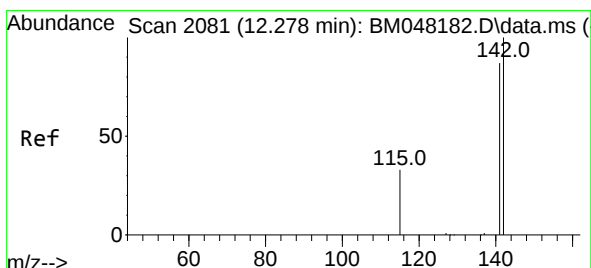
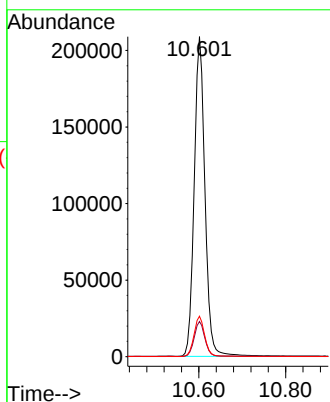
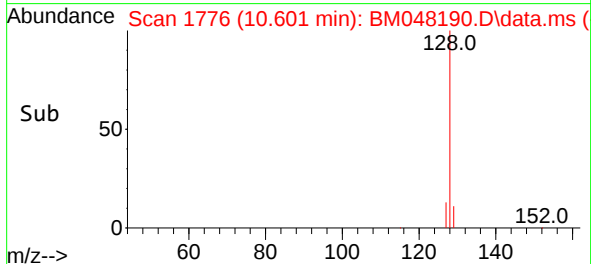
Instrument :
BNA_M
ClientSampleId :
E27J1DL



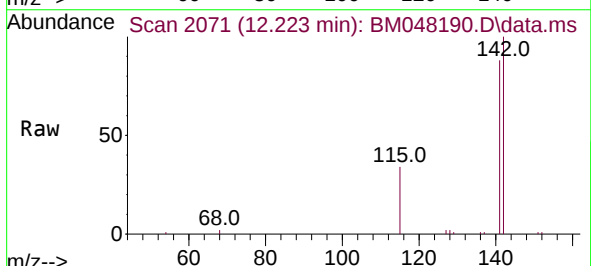
Tgt Ion:128 Resp: 361250
Ion Ratio Lower Upper
128 100
129 11.0 10.6 15.8
127 12.6 11.3 16.9

Manual Integrations
APPROVED

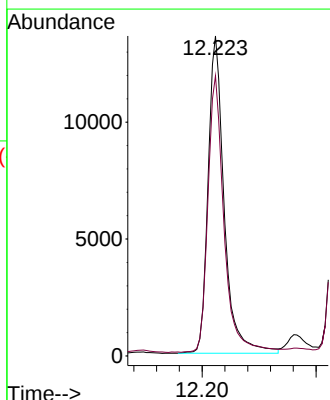
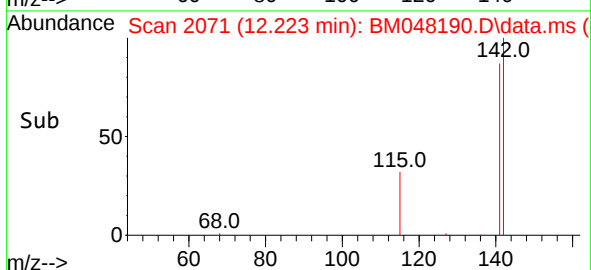
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024

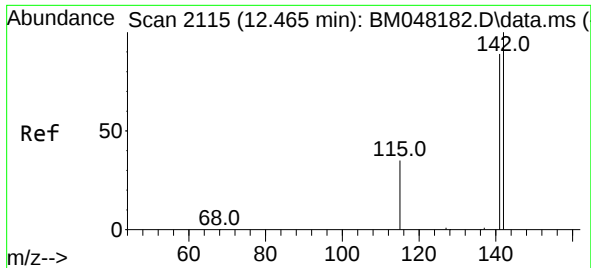


#7
2-Methylnaphthalene
Concen: 0.795 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. -0.055 min
Lab File: BM048190.D
Acq: 22 Oct 2024 13:32



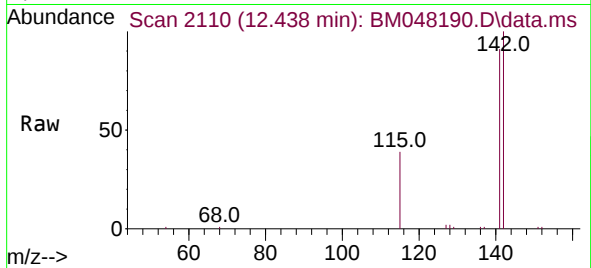
Tgt Ion:142 Resp: 26622
Ion Ratio Lower Upper
142 100
141 87.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.743 ng/ul
RT: 12.438 min Scan# 2115
Delta R.T. -0.027 min
Lab File: BM048190.D
Acq: 22 Oct 2024 13:32

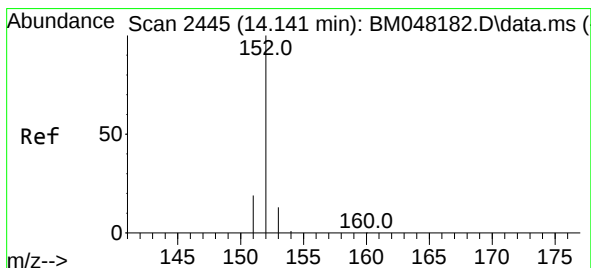
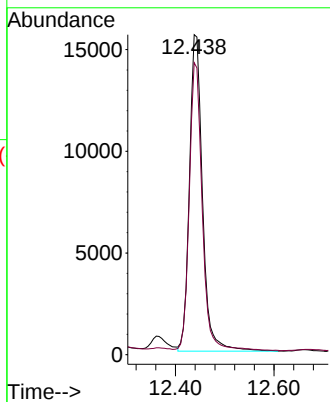
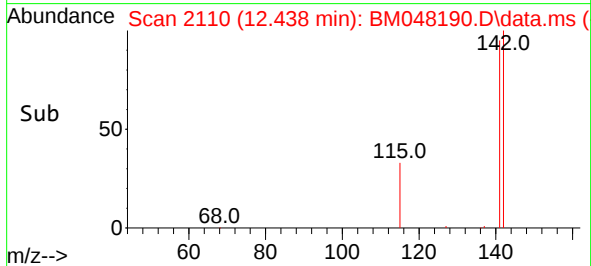
Instrument :
BNA_M
ClientSampleId :
E27J1DL



Tgt Ion:142 Resp: 2863
Ion Ratio Lower Upper
142 100
141 89.6 73.8 110.6

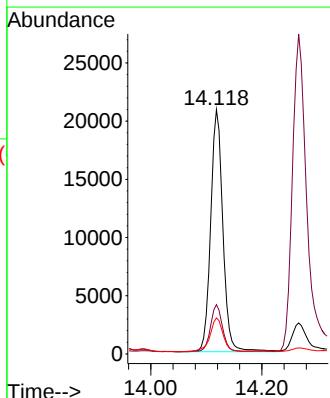
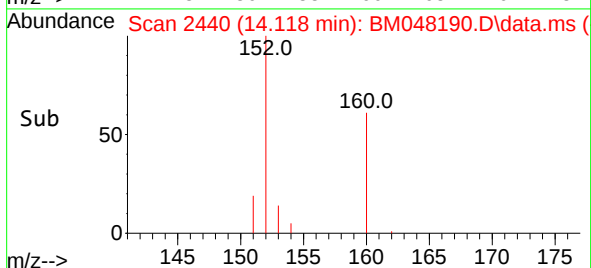
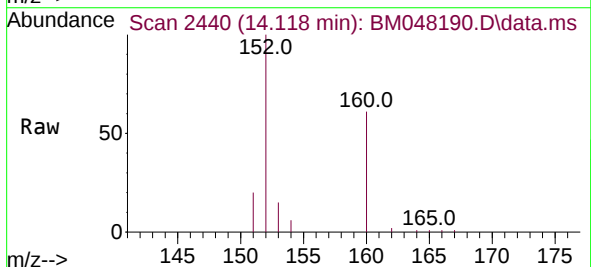
Manual Integrations
APPROVED

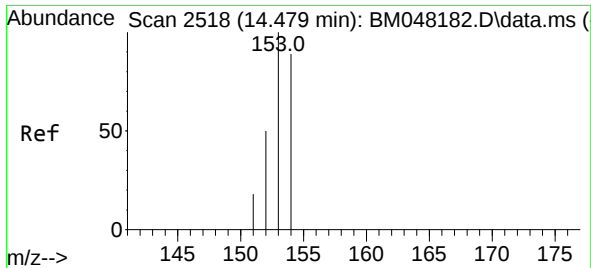
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 0.523 ng/ul
RT: 14.118 min Scan# 2440
Delta R.T. -0.023 min
Lab File: BM048190.D
Acq: 22 Oct 2024 13:32

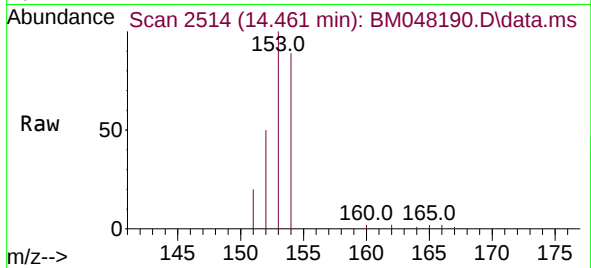
Tgt Ion:152 Resp: 31775
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 14.8 11.7 17.5





#11
Acenaphthene
Concen: 0.466 ng/ul
RT: 14.461 min Scan# 20218
Delta R.T. -0.018 min
Lab File: BM048190.D
Acq: 22 Oct 2024 13:32

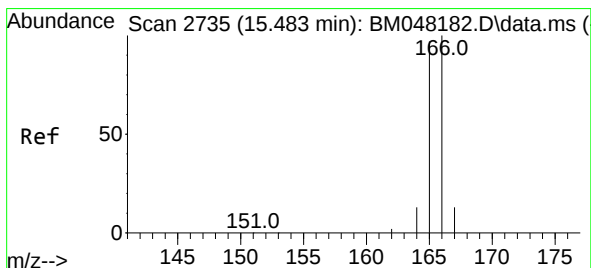
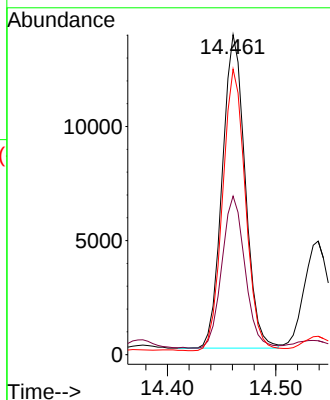
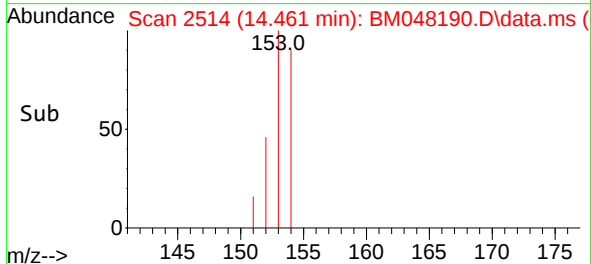
Instrument :
BNA_M
ClientSampleId :
E27J1DL



Tgt Ion:153 Resp: 20218
Ion Ratio Lower Upper
153 100
152 49.6 40.9 61.3
154 89.3 71.0 106.4

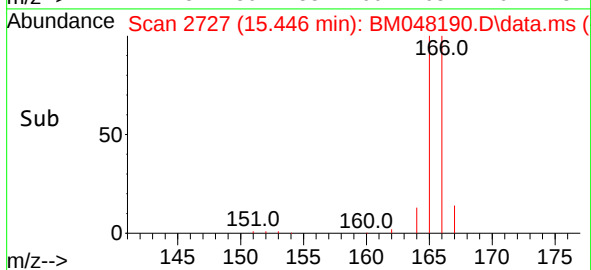
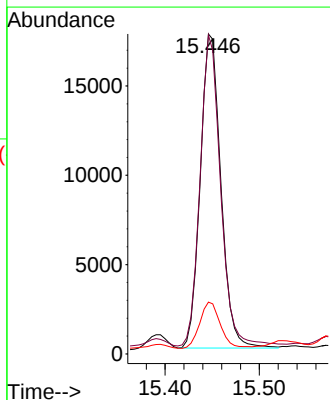
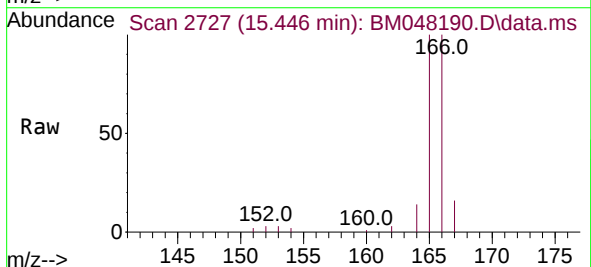
Manual Integrations
APPROVED

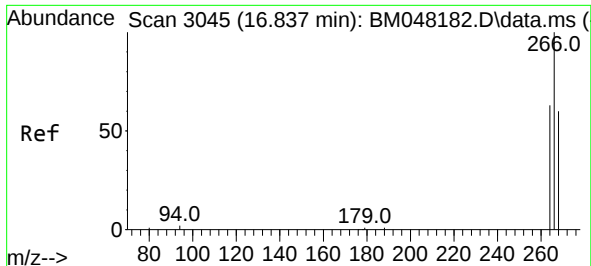
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#12
Fluorene
Concen: 0.575 ng/ul
RT: 15.446 min Scan# 2727
Delta R.T. -0.037 min
Lab File: BM048190.D
Acq: 22 Oct 2024 13:32

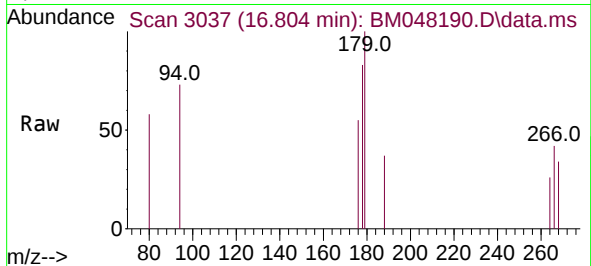
Tgt Ion:166 Resp: 26727
Ion Ratio Lower Upper
166 100
165 99.6 79.1 118.7
167 16.2 12.0 18.0





#14
Pentachlorophenol
Concen: 0.043 ng/uI
RT: 16.804 min Scan# 3045
Delta R.T. -0.034 min
Lab File: BM048190.D
Acq: 22 Oct 2024 13:32

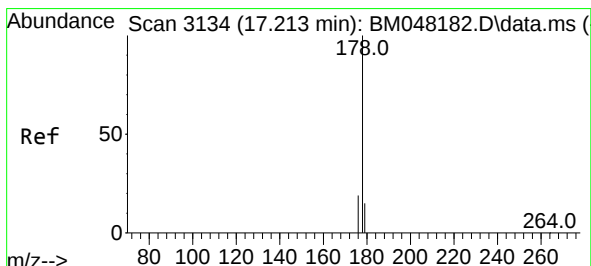
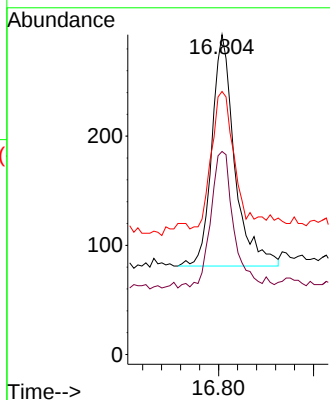
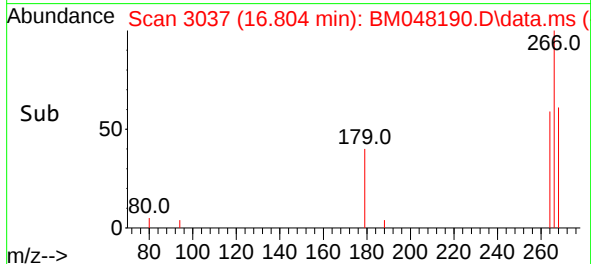
Instrument :
BNA_M
ClientSampleId :
E27J1DL



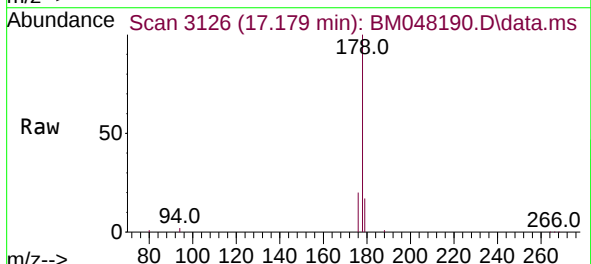
Tgt Ion:266 Resp: 354
Ion Ratio Lower Upper
266 100
264 57.1 50.2 75.2
268 67.5 51.8 77.6

Manual Integrations
APPROVED

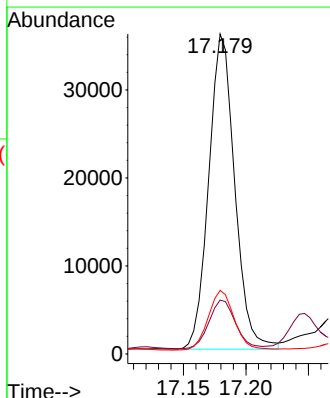
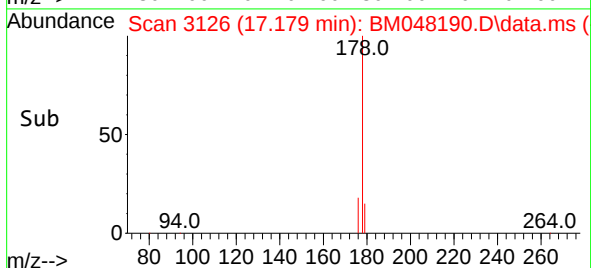
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024

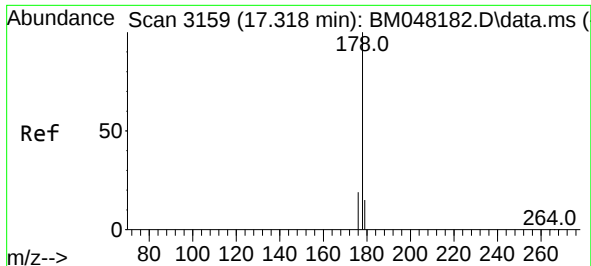


#15
Phenanthrene
Concen: 0.841 ng/uI
RT: 17.179 min Scan# 3126
Delta R.T. -0.034 min
Lab File: BM048190.D
Acq: 22 Oct 2024 13:32



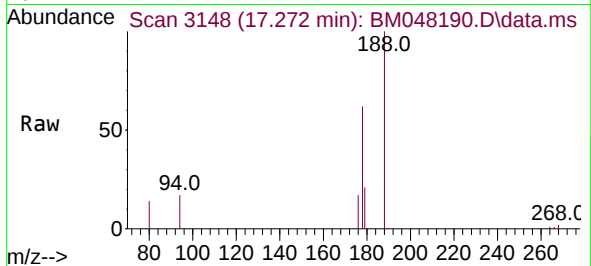
Tgt Ion:178 Resp: 51864
Ion Ratio Lower Upper
178 100
179 16.9 13.2 19.8
176 19.9 16.0 24.0





#16
Anthracene
Concen: 0.097 ng/ul m
RT: 17.272 min Scan# 3159
Delta R.T. -0.046 min
Lab File: BM048190.D
Acq: 22 Oct 2024 13:32

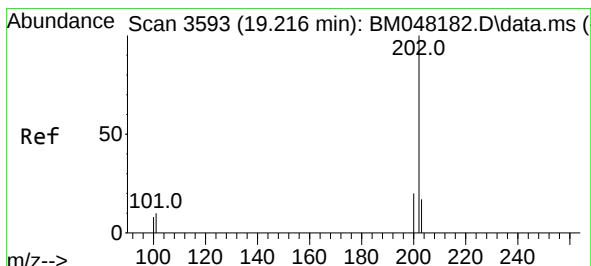
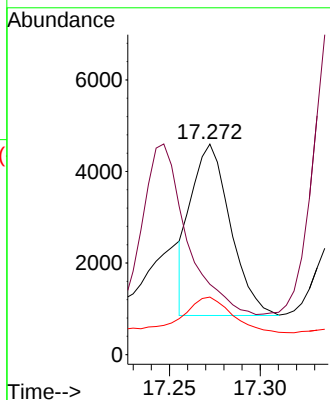
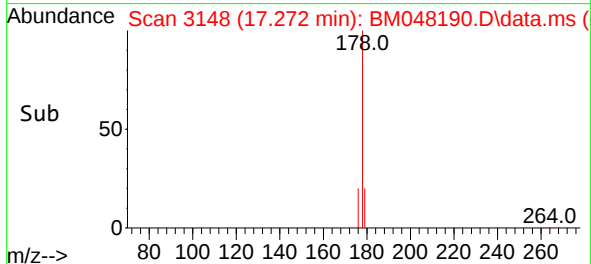
Instrument :
BNA_M
ClientSampleId :
E27J1DL



Tgt Ion:178 Resp: 5650
Ion Ratio Lower Upper
178 100
179 33.4 14.5 21.7
176 27.4 16.0 24.0

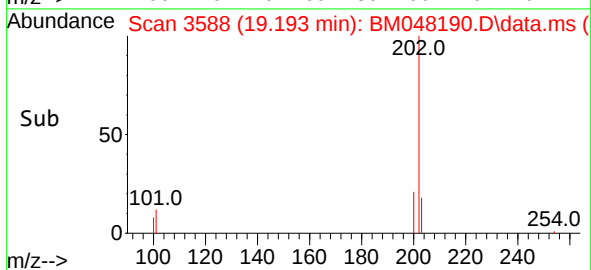
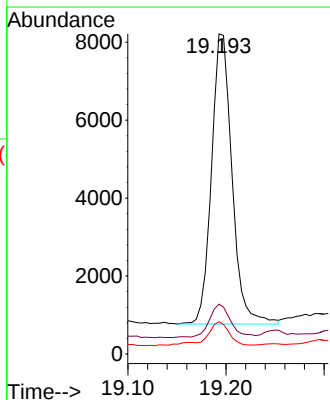
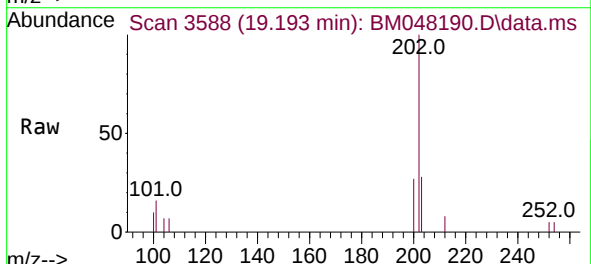
Manual Integrations
APPROVED

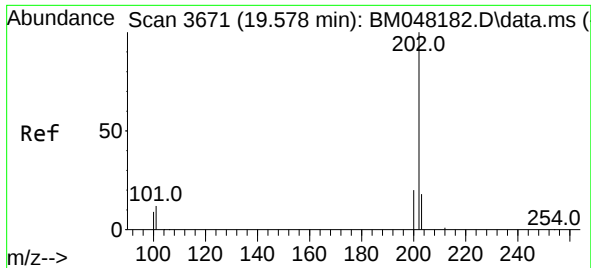
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#19
Fluoranthene
Concen: 0.144 ng/ul
RT: 19.193 min Scan# 3588
Delta R.T. -0.023 min
Lab File: BM048190.D
Acq: 22 Oct 2024 13:32

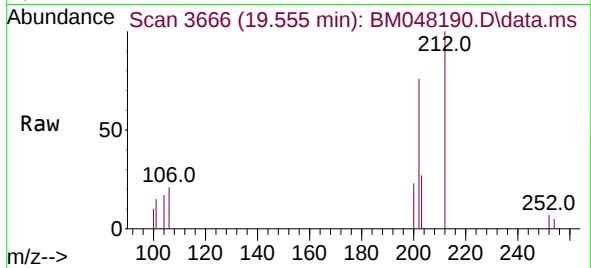
Tgt Ion:202 Resp: 10868
Ion Ratio Lower Upper
202 100
101 15.6 9.3 13.9
100 10.1 7.1 10.7





#20
Pyrene
Concen: 0.081 ng/ul
RT: 19.555 min Scan# 30
Delta R.T. -0.023 min
Lab File: BM048190.D
Acq: 22 Oct 2024 13:32

Instrument :
BNA_M
ClientSampleId :
E27J1DL



Tgt Ion:202 Resp: 661
Ion Ratio Lower Upper
202 100
101 19.8 10.6 16.0
100 13.5 8.1 12.1

Manual Integrations
APPROVED

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

