

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048189.D
 Acq On : 22 Oct 2024 12:56
 Operator : RC/JU
 Sample : P4380-14DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H3DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 22 13:40:02 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	7.771	152	6319	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.552	136	19828	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.400	164	12263	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.141	188	22687	0.400	ng/ul	-0.03
17) Chrysene-d12	21.315	240	17708	0.400	ng/ul	-0.02
23) Perylene-d12	23.571	264	16596m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	8035	0.935	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152	2468	0.089	ng/ul	-0.04
18) Fluoranthene-d10	19.165	212	5169	0.100	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.601	128	267249	4.959	ng/ul	96
7) 2-Methylnaphthalene	12.229	142	21307	0.691	ng/ul	100
8) 1-Methylnaphthalene	12.443	142	23813	0.671	ng/ul	98
10) Acenaphthylene	14.118	152	25769	0.455	ng/ul	99
11) Acenaphthene	14.460	153	17159	0.424	ng/ul	98
12) Fluorene	15.450	166	23276	0.537	ng/ul	98
14) Pentachlorophenol	16.803	266	421	0.055	ng/ul	93
15) Phenanthrene	17.183	178	44366	0.774	ng/ul	99
16) Anthracene	17.272	178	4482m	0.083	ng/ul	
19) Fluoranthene	19.197	202	9650	0.139	ng/ul#	95
20) Pyrene	19.555	202	5992	0.080	ng/ul#	87

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

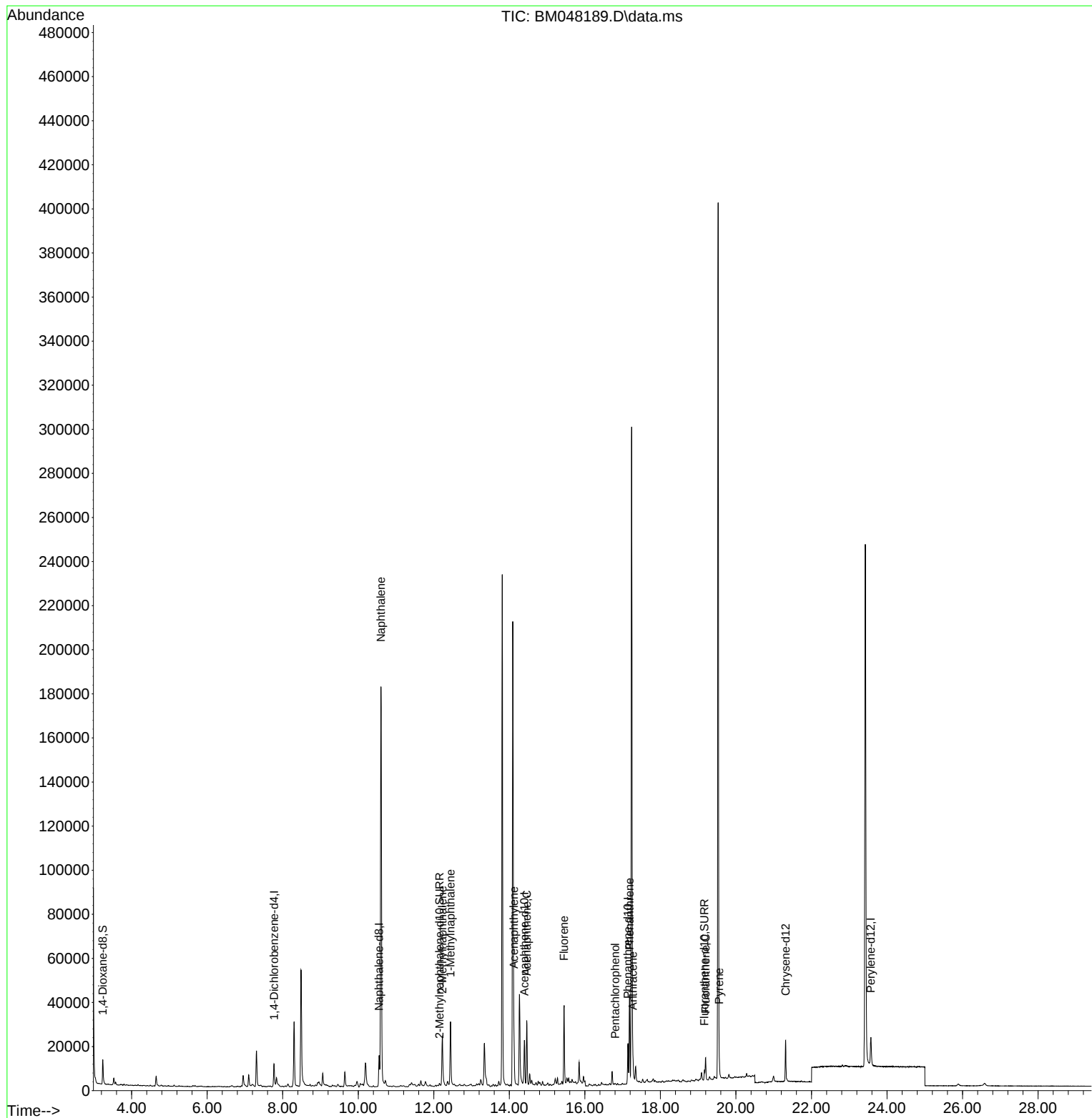
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048189.D
Acq On : 22 Oct 2024 12:56
Operator : RC/JU
Sample : P4380-14DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

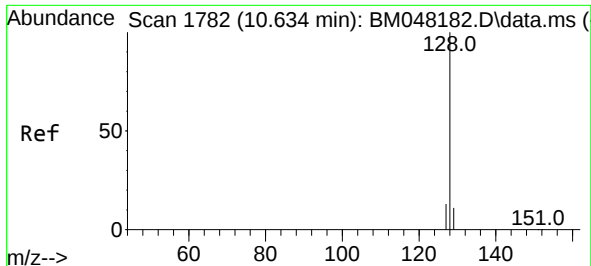
Instrument :
BNA_M
ClientSampleId :
E27H3DL

Manual Integrations
APPROVED

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

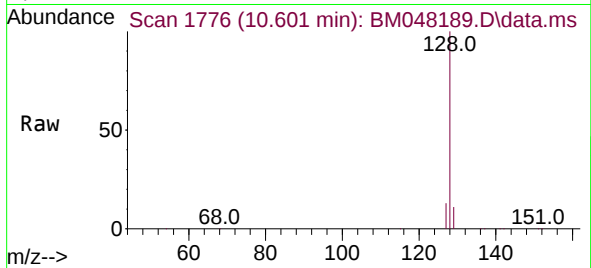
Quant Time: Oct 22 13:40:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 4.959 ng/ul
RT: 10.601 min Scan# 1776
Delta R.T. -0.033 min
Lab File: BM048189.D
Acq: 22 Oct 2024 12:56

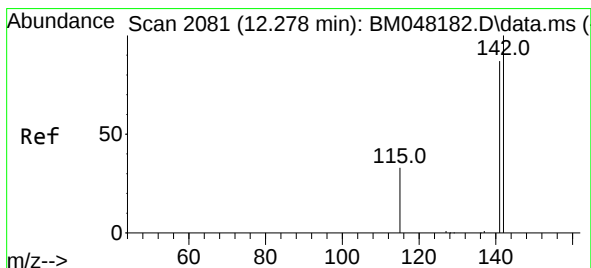
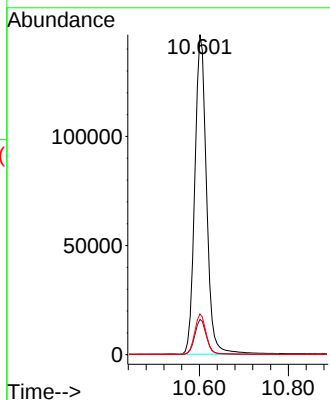
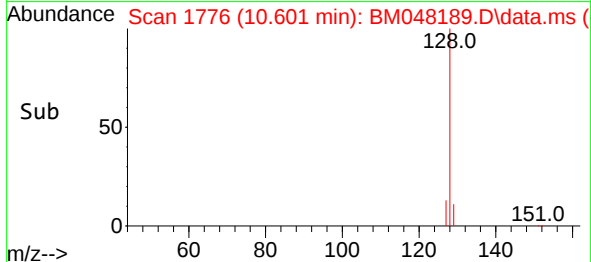
Instrument :
BNA_M
ClientSampleId :
E27H3DL



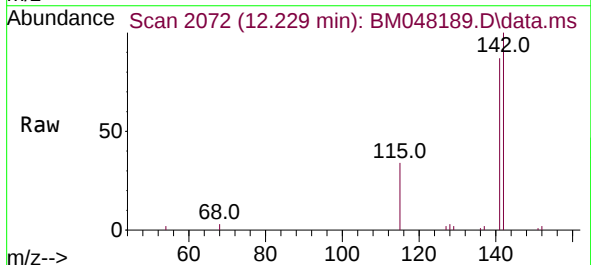
Tgt Ion:128 Resp: 267249
Ion Ratio Lower Upper
128 100
129 11.0 10.6 15.8
127 12.7 11.3 16.9

Manual Integrations
APPROVED

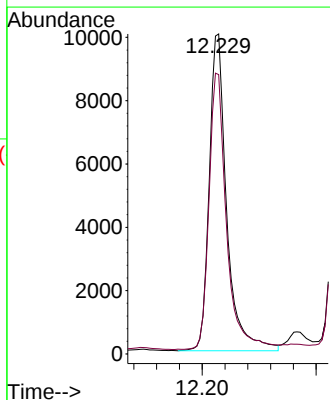
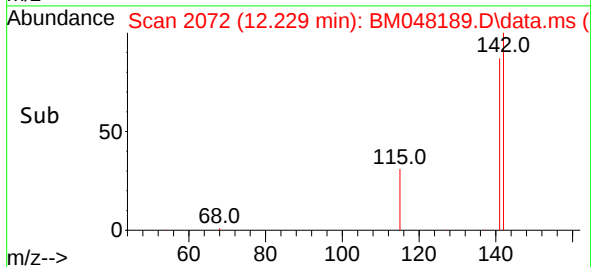
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024

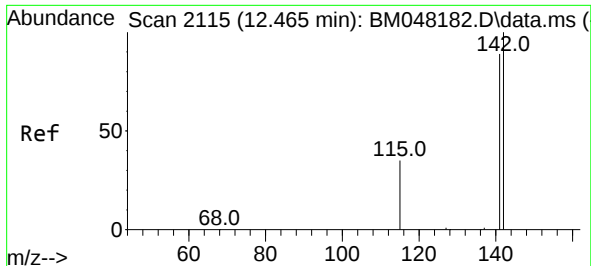


#7
2-Methylnaphthalene
Concen: 0.691 ng/ul
RT: 12.229 min Scan# 2072
Delta R.T. -0.049 min
Lab File: BM048189.D
Acq: 22 Oct 2024 12:56



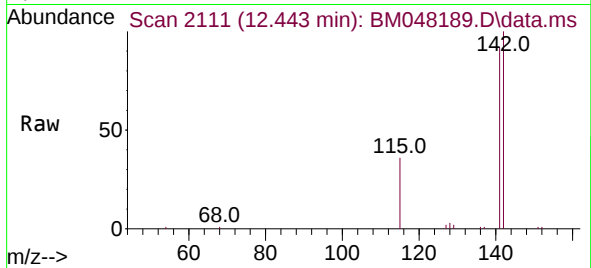
Tgt Ion:142 Resp: 21307
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.671 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.022 min
Lab File: BM048189.D
Acq: 22 Oct 2024 12:56

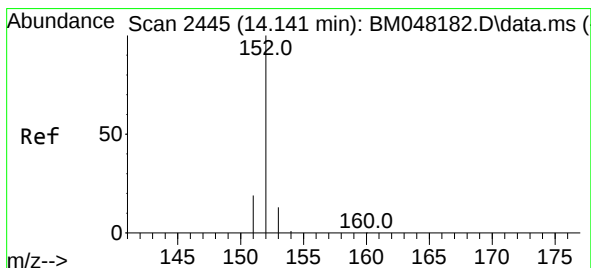
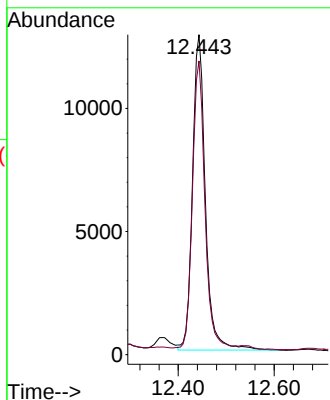
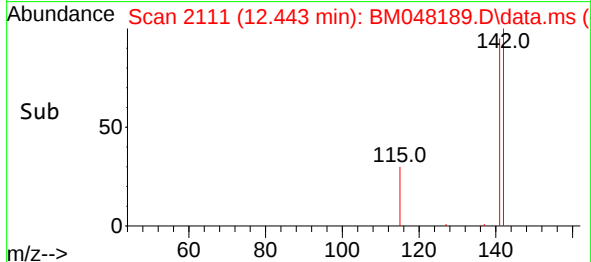
Instrument :
BNA_M
ClientSampleId :
E27H3DL



Tgt Ion:142 Resp: 2381
Ion Ratio Lower Upper
142 100
141 90.4 73.8 110.6

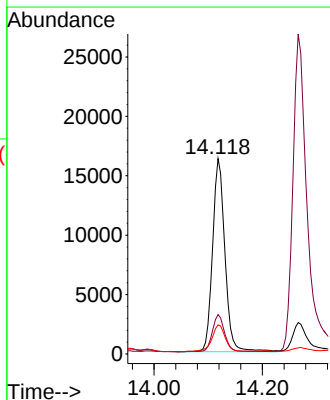
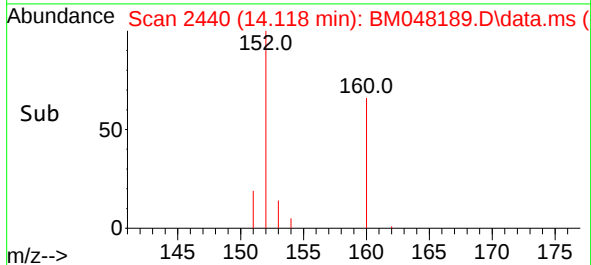
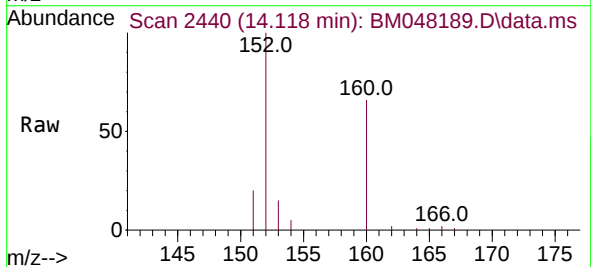
Manual Integrations
APPROVED

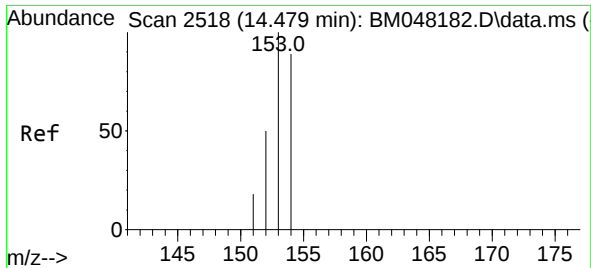
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Acenaphthylene
Concen: 0.455 ng/ul
RT: 14.118 min Scan# 2440
Delta R.T. -0.023 min
Lab File: BM048189.D
Acq: 22 Oct 2024 12:56

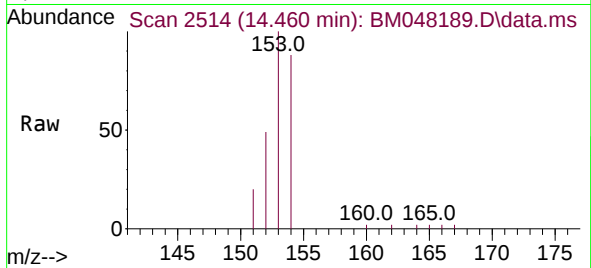
Tgt Ion:152 Resp: 25769
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 14.9 11.7 17.5





#11
Acenaphthene
Concen: 0.424 ng/ul
RT: 14.460 min Scan# 2153
Delta R.T. -0.018 min
Lab File: BM048189.D
Acq: 22 Oct 2024 12:56

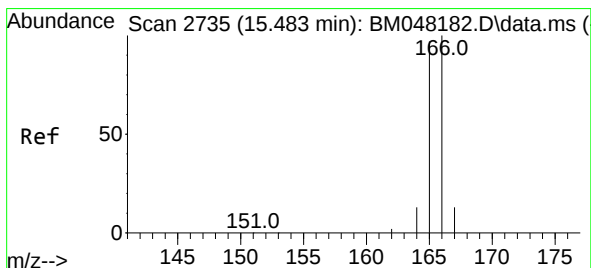
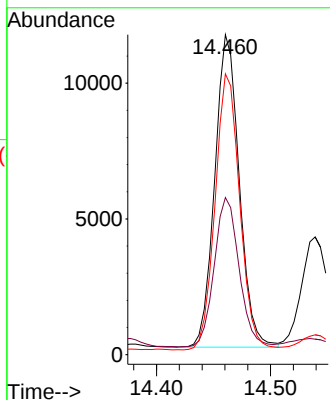
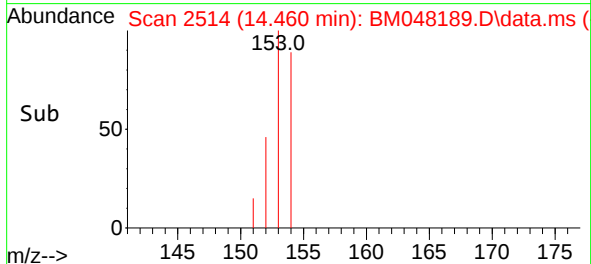
Instrument :
BNA_M
ClientSampleId :
E27H3DL



Tgt Ion:153 Resp: 17159
Ion Ratio Lower Upper
153 100
152 49.1 40.9 61.3
154 87.8 71.0 106.4

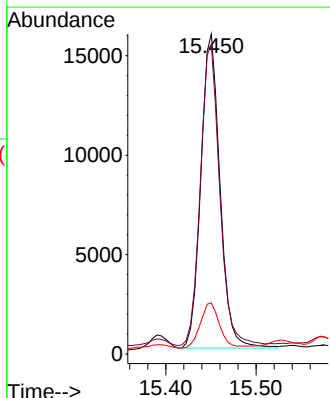
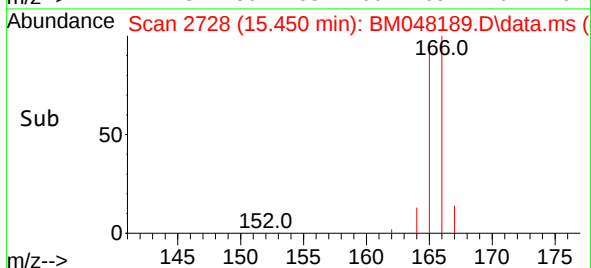
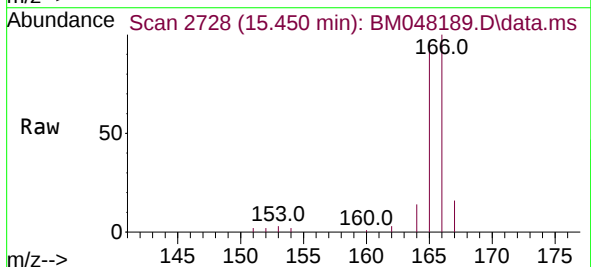
Manual Integrations
APPROVED

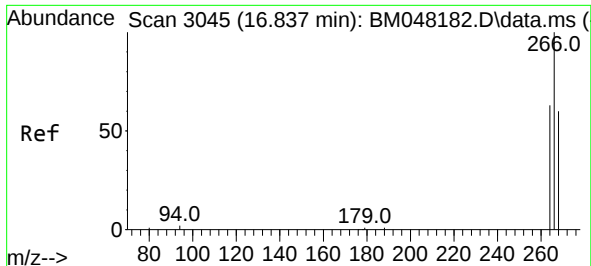
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#12
Fluorene
Concen: 0.537 ng/ul
RT: 15.450 min Scan# 2728
Delta R.T. -0.032 min
Lab File: BM048189.D
Acq: 22 Oct 2024 12:56

Tgt Ion:166 Resp: 23276
Ion Ratio Lower Upper
166 100
165 96.7 79.1 118.7
167 16.0 12.0 18.0





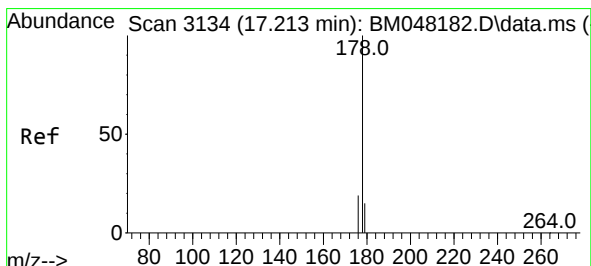
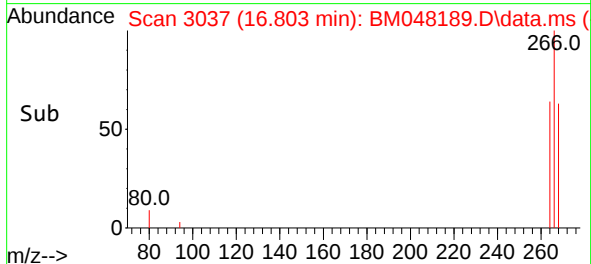
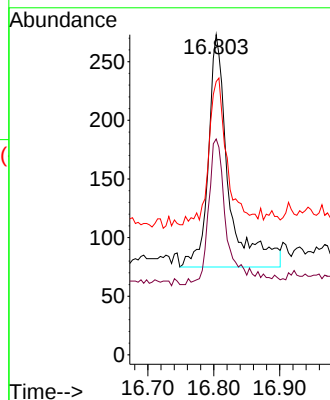
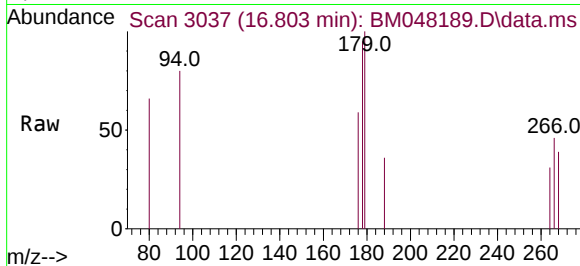
#14
Pentachlorophenol
Concen: 0.055 ng/u1
RT: 16.803 min Scan# 3045
Delta R.T. -0.034 min
Lab File: BM048189.D
Acq: 22 Oct 2024 12:56

Instrument :
BNA_M
ClientSampleId :
E27H3DL

Tgt Ion:266 Resp: 421
Ion Ratio Lower Upper
266 100
264 58.7 50.2 75.2
268 58.0 51.8 77.6

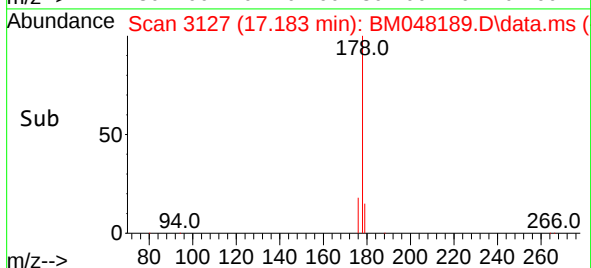
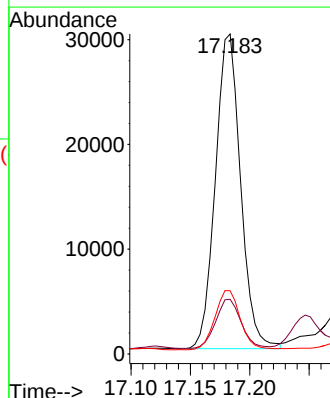
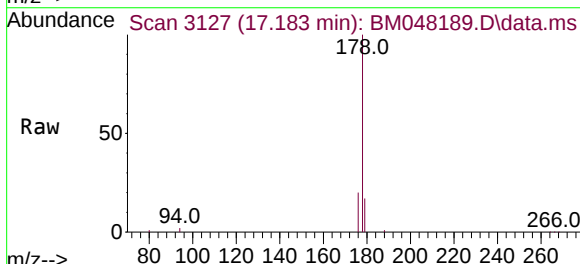
Manual Integrations
APPROVED

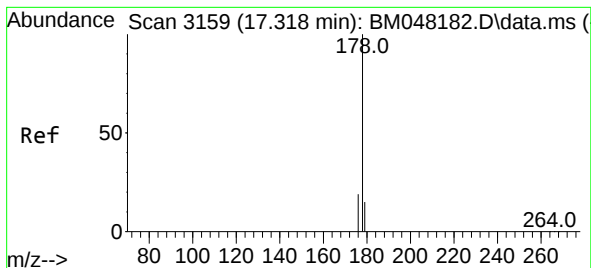
Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



#15
Phenanthrene
Concen: 0.774 ng/u1
RT: 17.183 min Scan# 3127
Delta R.T. -0.029 min
Lab File: BM048189.D
Acq: 22 Oct 2024 12:56

Tgt Ion:178 Resp: 44366
Ion Ratio Lower Upper
178 100
179 17.1 13.2 19.8
176 19.8 16.0 24.0





#16

Anthracene

Concen: 0.083 ng/ul m

RT: 17.272 min Scan# 3159

Delta R.T. -0.046 min

Lab File: BM048189.D

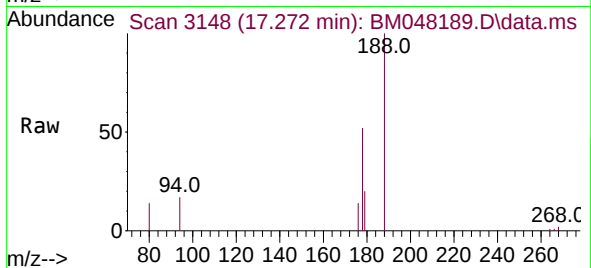
Acq: 22 Oct 2024 12:56

Instrument :

BNA_M

ClientSampleId :

E27H3DL



Tgt Ion:178 Resp: 448

Ion Ratio Lower Upper

178 100

179 38.0 14.5 21.7

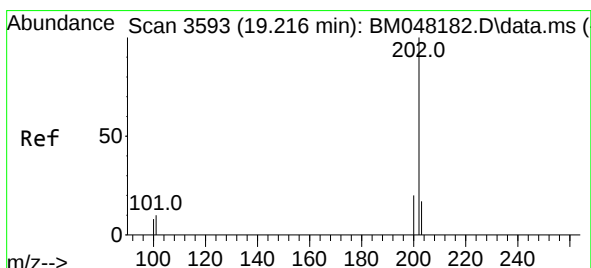
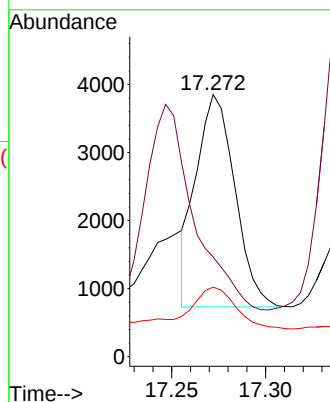
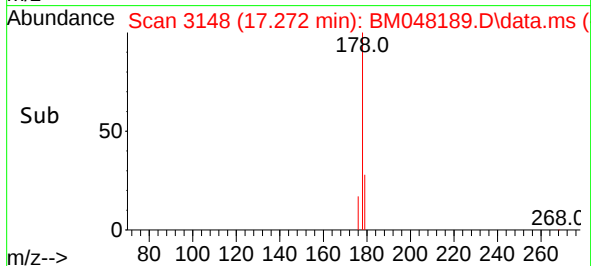
176 26.5 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :mohammad ahmed 10/23/2024



#19

Fluoranthene

Concen: 0.139 ng/ul

RT: 19.197 min Scan# 3589

Delta R.T. -0.019 min

Lab File: BM048189.D

Acq: 22 Oct 2024 12:56

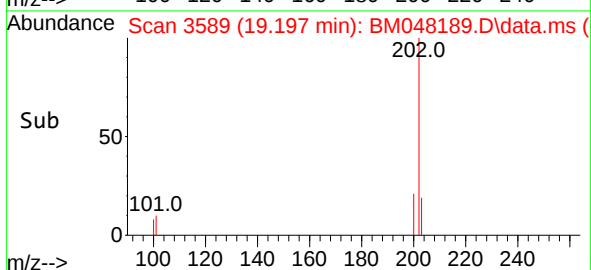
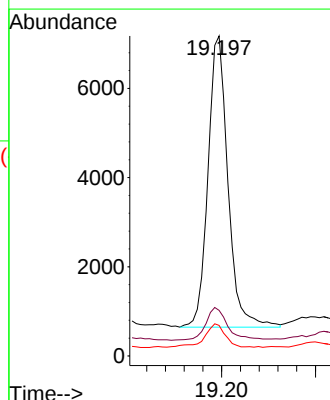
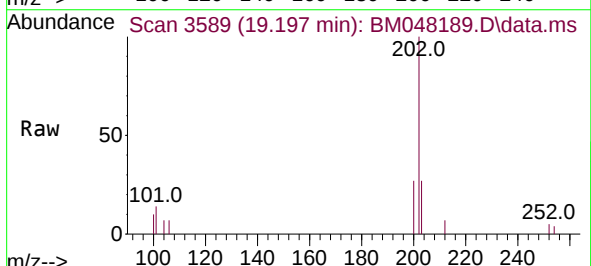
Tgt Ion:202 Resp: 9650

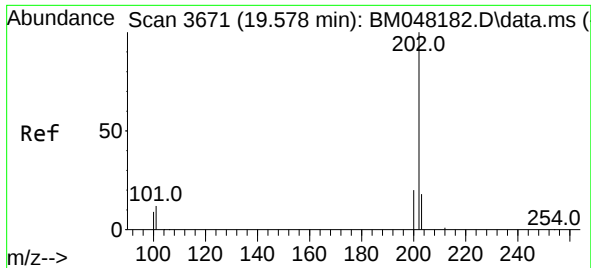
Ion Ratio Lower Upper

202 100

101 14.3 9.3 13.9

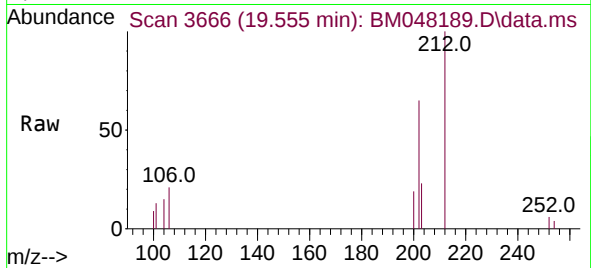
100 9.5 7.1 10.7





#20
 Pyrene
 Concen: 0.080 ng/ul
 RT: 19.555 min Scan# 30
 Delta R.T. -0.023 min
 Lab File: BM048189.D
 Acq: 22 Oct 2024 12:56

Instrument :
 BNA_M
 ClientSampleId :
 E27H3DL



Tgt Ion:202 Resp: 5992
 Ion Ratio Lower Upper
 202 100
 101 19.4 10.6 16.0
 100 13.9 8.1 12.1

Manual Integrations
 APPROVED

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

