

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049107.D
 Acq On : 20 Dec 2024 19:13
 Operator : RC/JU
 Sample : P5265-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y7DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 22:10:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	7744	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	22912	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	13076	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	26517	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	22815	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	25151	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	4838	0.542	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	1115	0.036	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	2186	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.257	153	1115	0.028	ng/ul	94
12) Fluorene	15.252	166	897	0.020	ng/ul#	91
15) Phenanthrene	16.985	178	14943	0.216	ng/ul	99
16) Anthracene	17.078	178	3162	0.050	ng/ul#	90
19) Fluoranthene	19.011	202	28801	0.349	ng/ul	100
20) Pyrene	19.374	202	21315	0.242	ng/ul	100
21) Benzo(a)anthracene	21.128	228	12220	0.154	ng/ul	97
22) Chrysene	21.181	228	13017	0.153	ng/ul	95
24) Benzo(b)fluoranthene	22.665	252	16193m	0.202	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	7083m	0.080	ng/ul	
26) Benzo(a)pyrene	23.209	252	6737	0.087	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	25.443	276	6320	0.058	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.457	278	1957	0.023	ng/ul#	11

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

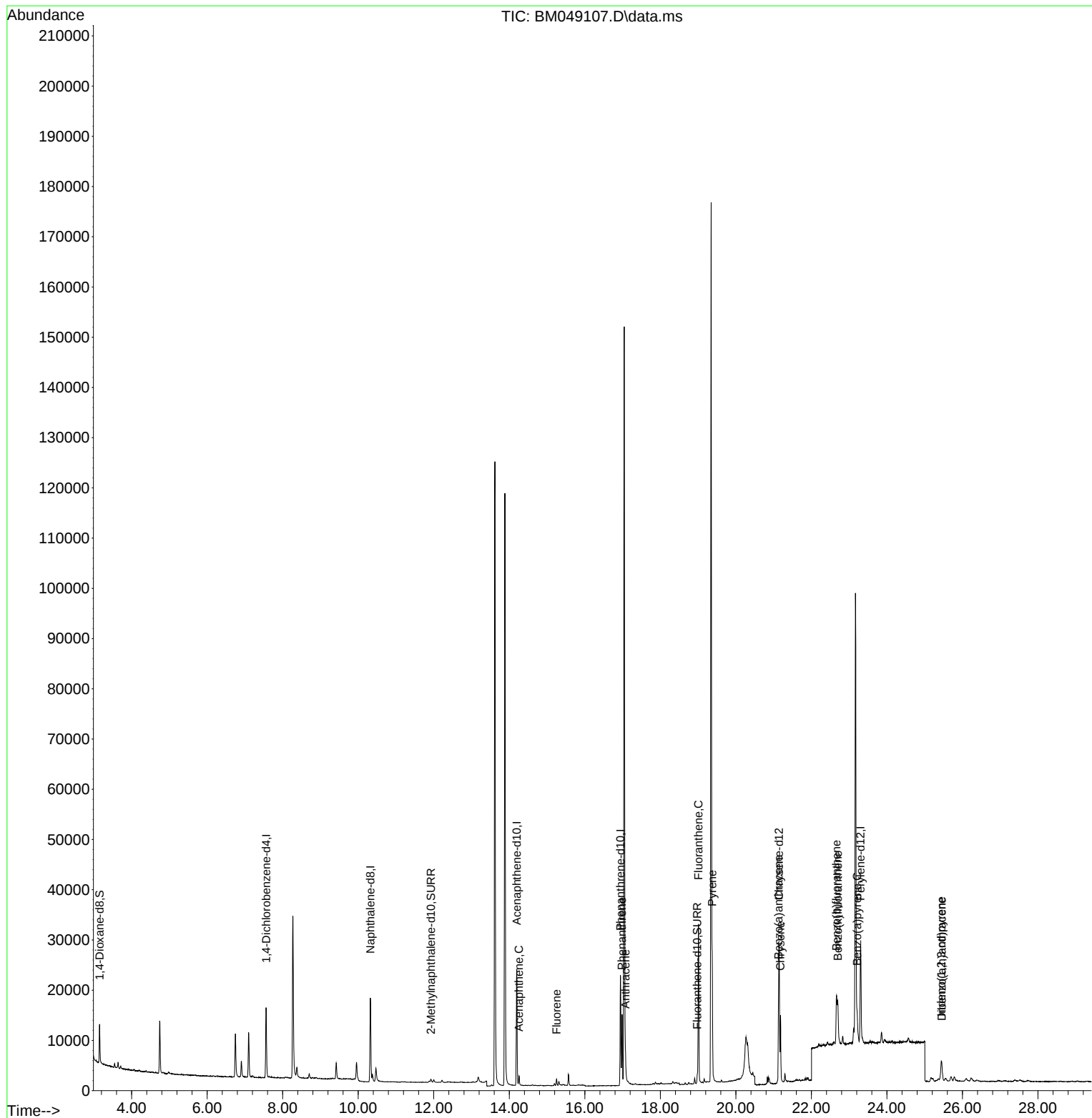
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049107.D
Acq On : 20 Dec 2024 19:13
Operator : RC/JU
Sample : P5265-02DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

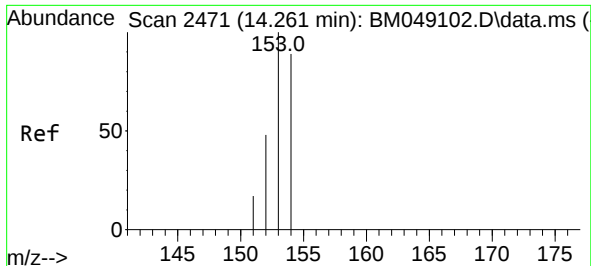
Instrument :
BNA_M
ClientSampleId :
E28Y7DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

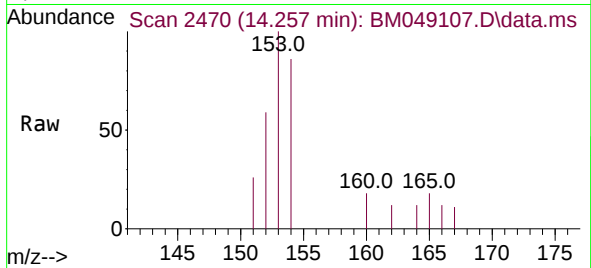
Quant Time: Dec 20 22:10:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.028 ng/u1
RT: 14.257 min Scan# 2471
Delta R.T. -0.008 min
Lab File: BM049107.D
Acq: 20 Dec 2024 19:13

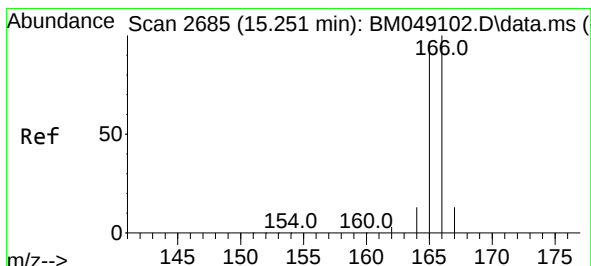
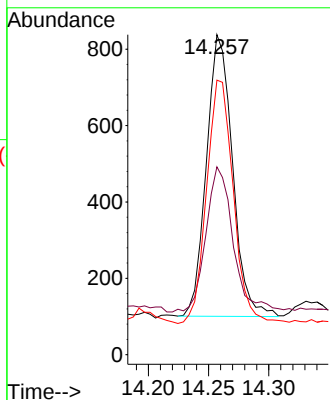
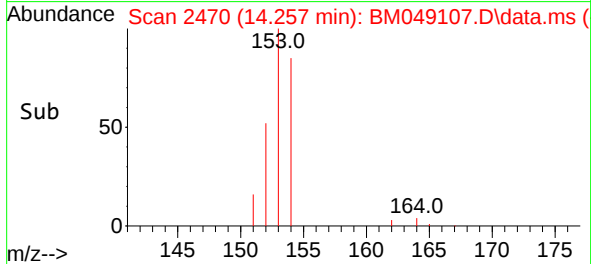
Instrument :
BNA_M
ClientSampleId :
E28Y7DL



Tgt Ion:153 Resp: 111
Ion Ratio Lower Upper
153 100
152 58.7 40.7 61.1
154 85.8 70.8 106.2

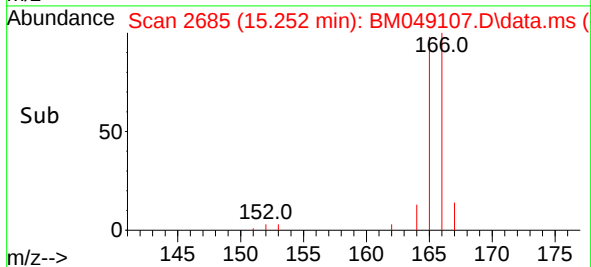
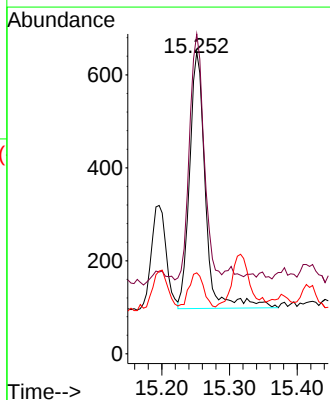
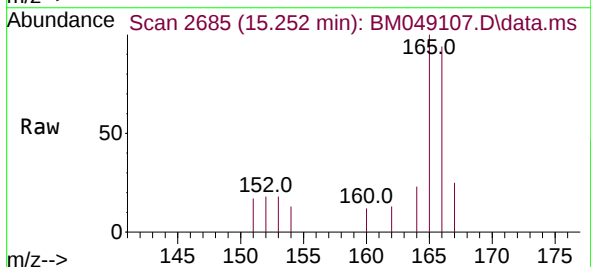
Manual Integrations
APPROVED

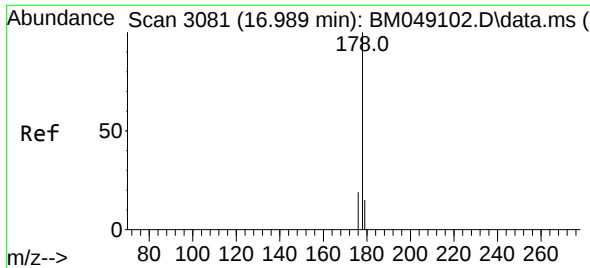
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.020 ng/u1
RT: 15.252 min Scan# 2685
Delta R.T. -0.003 min
Lab File: BM049107.D
Acq: 20 Dec 2024 19:13

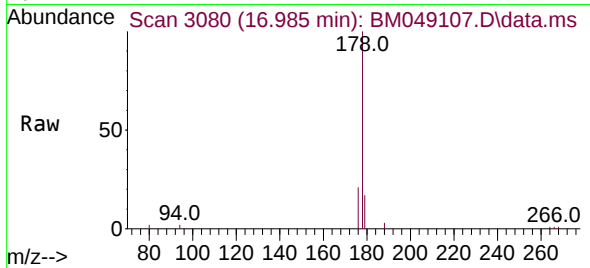
Tgt Ion:166 Resp: 897
Ion Ratio Lower Upper
166 100
165 106.0 79.7 119.5
167 26.8 11.4 17.0#





#15
Phenanthrene
Concen: 0.216 ng/ul
RT: 16.985 min Scan# 3081
Delta R.T. -0.007 min
Lab File: BM049107.D
Acq: 20 Dec 2024 19:13

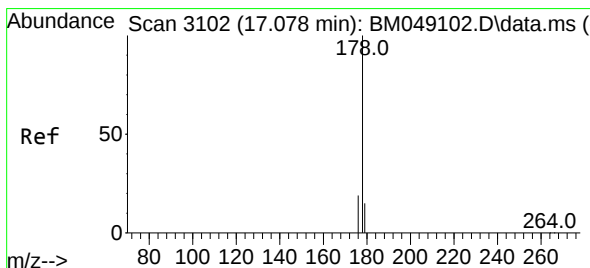
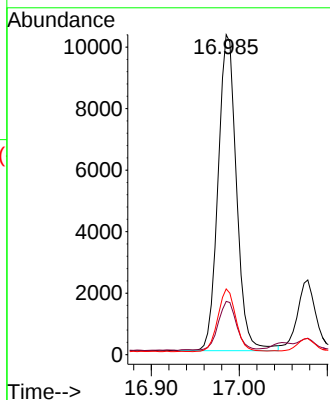
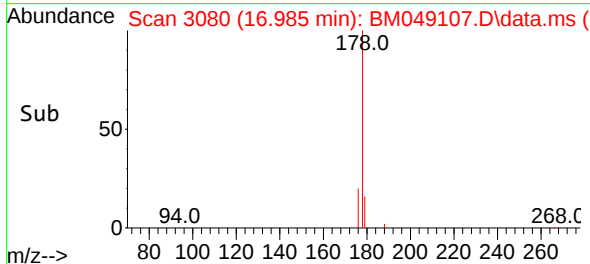
Instrument :
BNA_M
ClientSampleId :
E28Y7DL



Tgt Ion:178 Resp: 1494.3
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.4
176 20.5 16.2 24.2

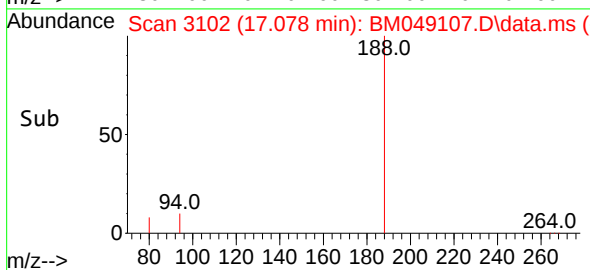
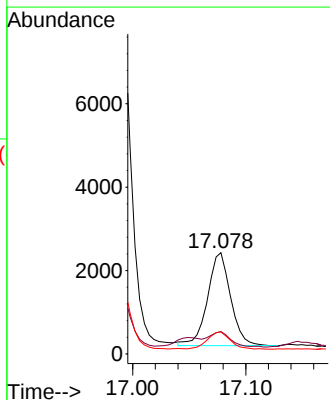
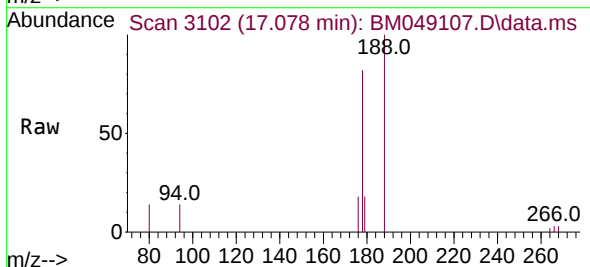
Manual Integrations
APPROVED

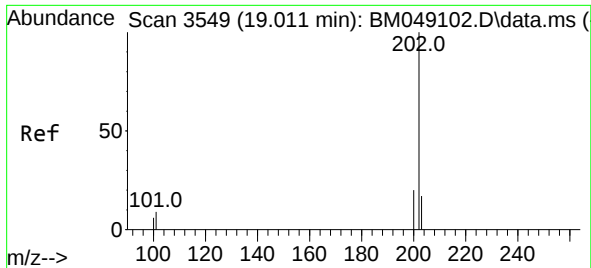
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.050 ng/ul
RT: 17.078 min Scan# 3102
Delta R.T. -0.007 min
Lab File: BM049107.D
Acq: 20 Dec 2024 19:13

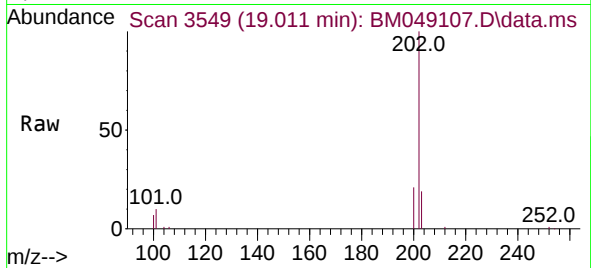
Tgt Ion:178 Resp: 3162
Ion Ratio Lower Upper
178 100
179 22.1 12.9 19.3#
176 21.7 15.3 22.9





#19
Fluoranthene
Concen: 0.349 ng/u1
RT: 19.011 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049107.D
Acq: 20 Dec 2024 19:13

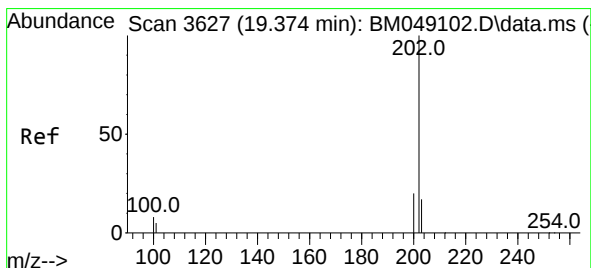
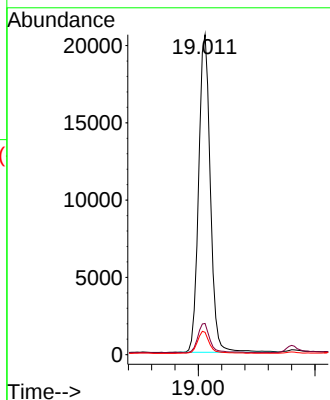
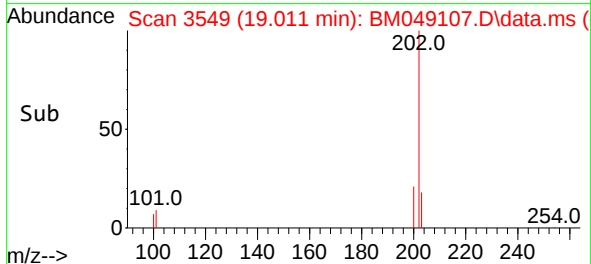
Instrument :
BNA_M
ClientSampleId :
E28Y7DL



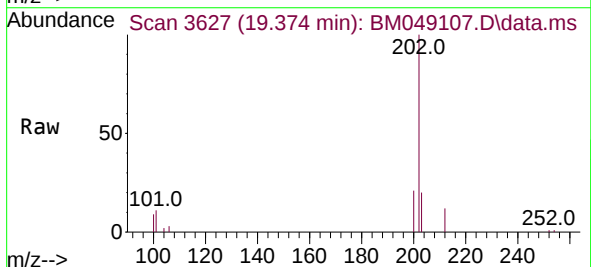
Tgt Ion:202 Resp: 2880
Ion Ratio Lower Upper
202 100
101 9.7 7.6 11.4
100 7.0 5.5 8.3

Manual Integrations
APPROVED

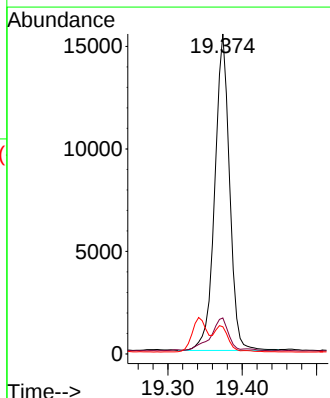
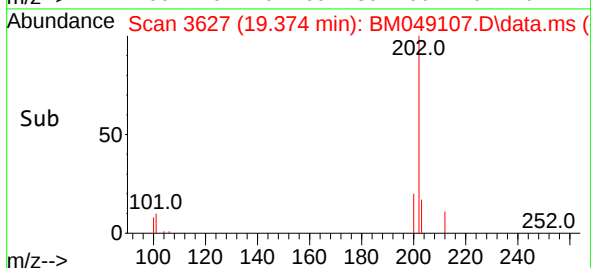
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

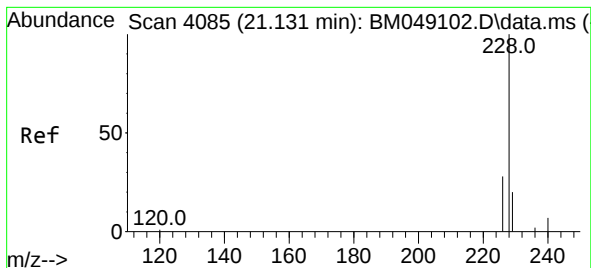


#20
Pyrene
Concen: 0.242 ng/u1
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049107.D
Acq: 20 Dec 2024 19:13



Tgt Ion:202 Resp: 21315
Ion Ratio Lower Upper
202 100
101 11.2 8.9 13.3
100 8.5 6.9 10.3





#21

Benzo(a)anthracene

Concen: 0.154 ng/ul

RT: 21.128 min Scan# 4085

Delta R.T. -0.003 min

Lab File: BM049107.D

Acq: 20 Dec 2024 19:13

Instrument :

BNM

ClientSampleId :

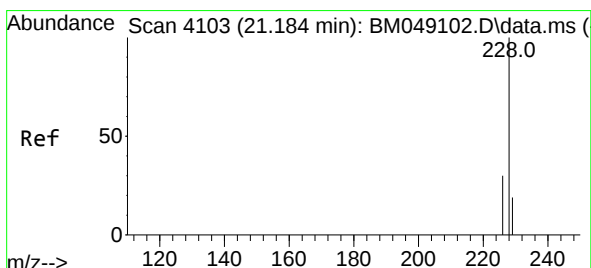
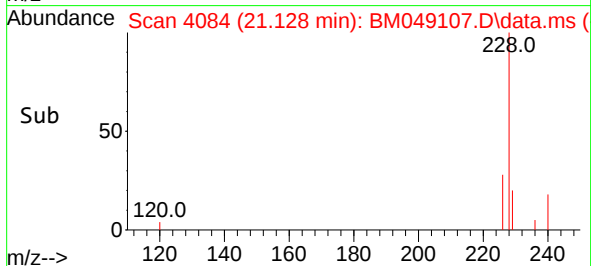
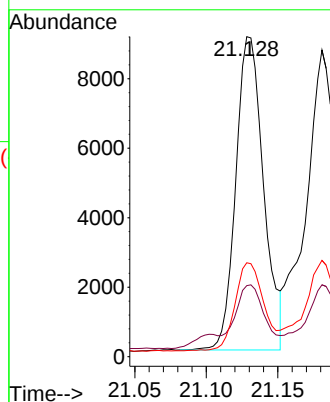
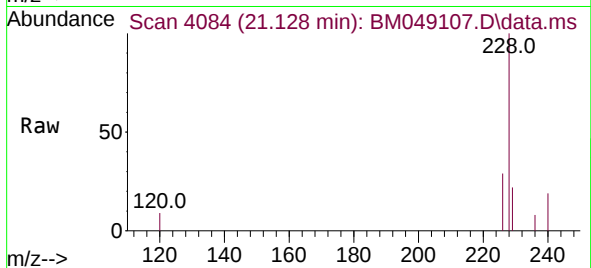
E28Y7DL

Tgt Ion:228	Resp:	12220
Ion Ratio	Lower	Upper
228	100	
229	22.2	15.9 23.9
226	29.4	22.6 34.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22

Chrysene

Concen: 0.153 ng/ul

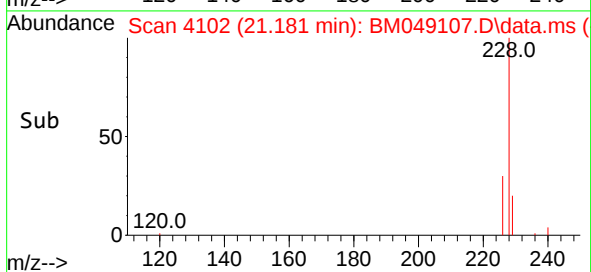
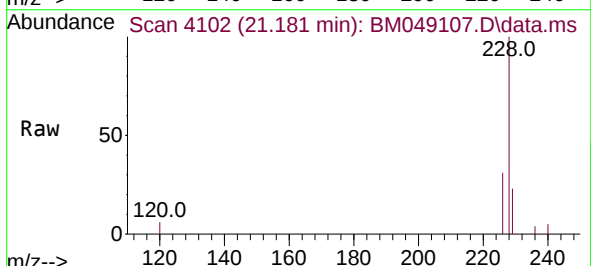
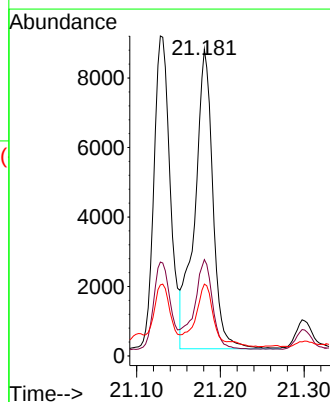
RT: 21.181 min Scan# 4102

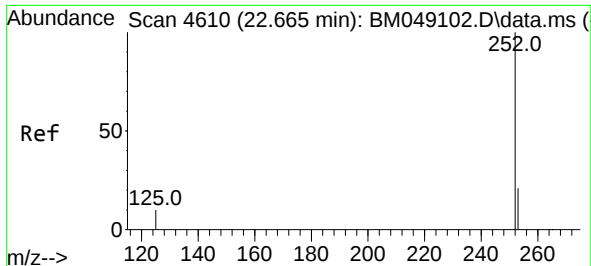
Delta R.T. -0.003 min

Lab File: BM049107.D

Acq: 20 Dec 2024 19:13

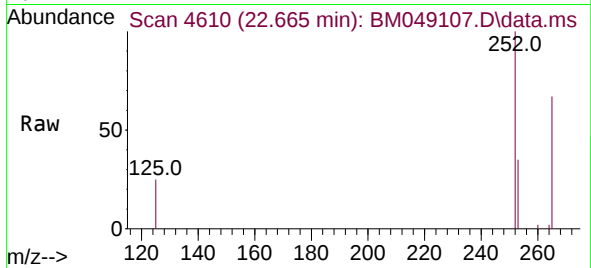
Tgt Ion:228	Resp:	13017
Ion Ratio	Lower	Upper
228	100	
226	31.4	24.1 36.1
229	23.4	15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.202 ng/ul m
RT: 22.665 min Scan# 4610
Delta R.T. 0.003 min
Lab File: BM049107.D
Acq: 20 Dec 2024 19:13

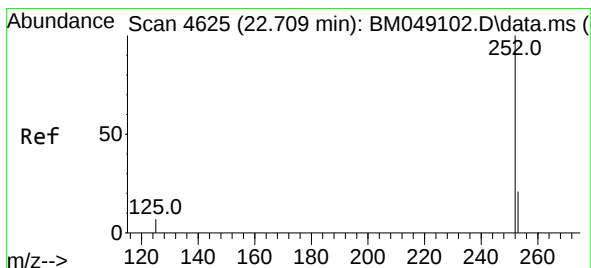
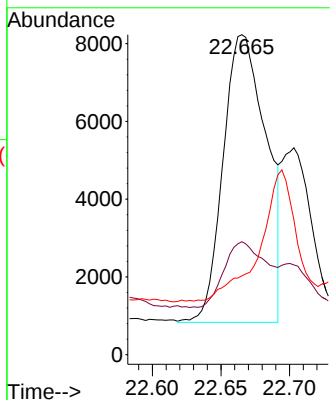
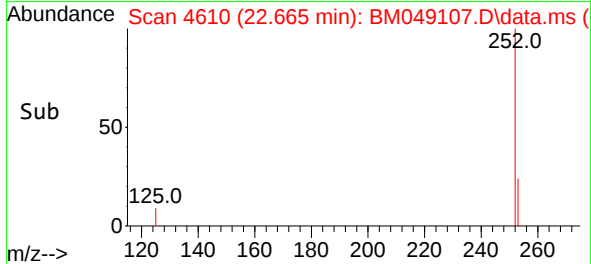
Instrument :
BNA_M
ClientSampleId :
E28Y7DL



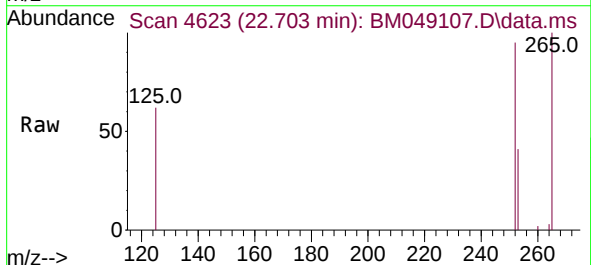
Tgt Ion:252 Resp: 1619
Ion Ratio Lower Upper
252 100
253 35.3 0.0 52.6
125 24.7 0.0 30.8

Manual Integrations
APPROVED

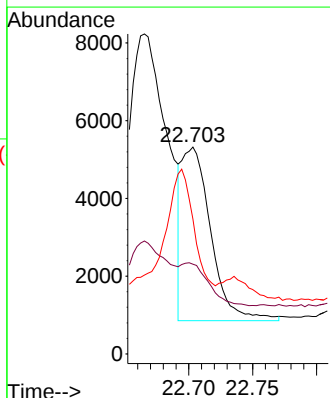
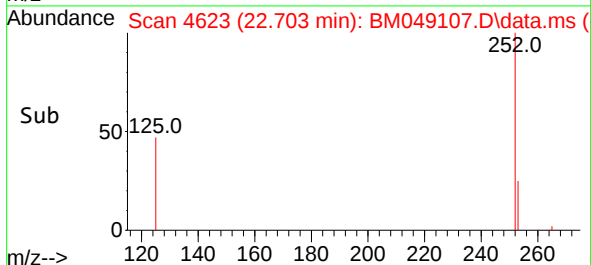
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

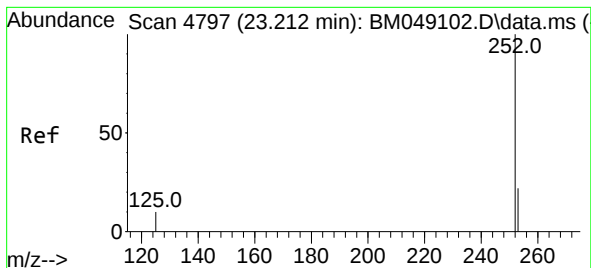


#25
Benzo(k)fluoranthene
Concen: 0.080 ng/ul m
RT: 22.703 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM049107.D
Acq: 20 Dec 2024 19:13



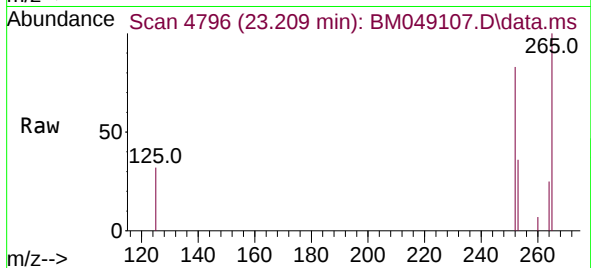
Tgt Ion:252 Resp: 7083
Ion Ratio Lower Upper
252 100
253 43.4 21.3 31.9#
125 65.2 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.087 ng/ul
RT: 23.209 min Scan# 4796
Delta R.T. -0.000 min
Lab File: BM049107.D
Acq: 20 Dec 2024 19:13

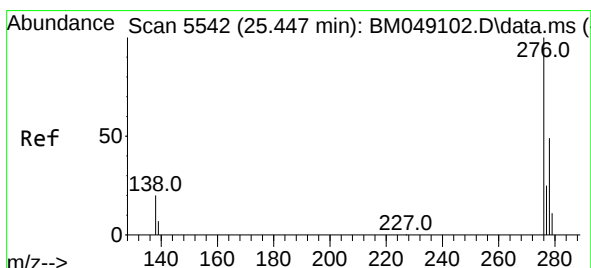
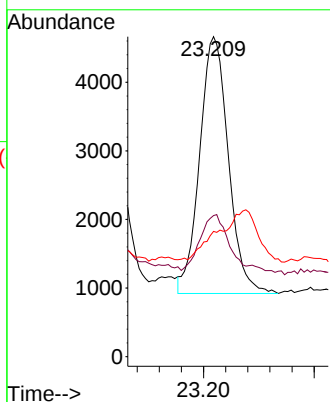
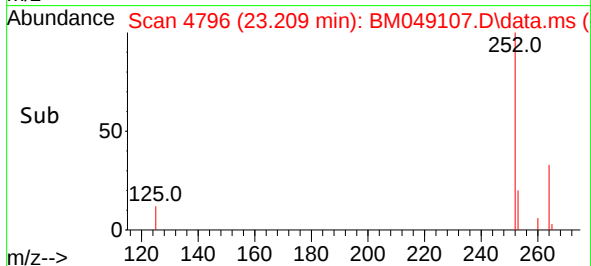
Instrument :
BNA_M
ClientSampleId :
E28Y7DL



Tgt Ion:252 Resp: 673
Ion Ratio Lower Upper
252 100
253 44.1 22.4 33.6
125 39.1 14.8 22.2

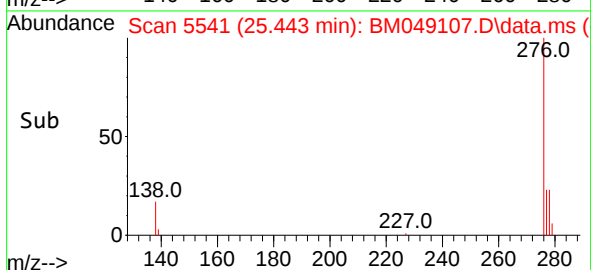
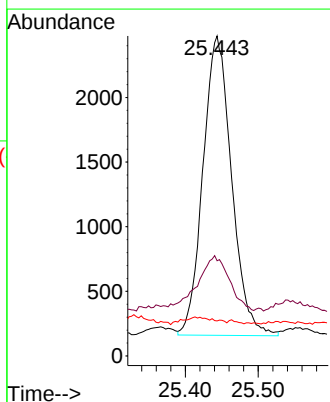
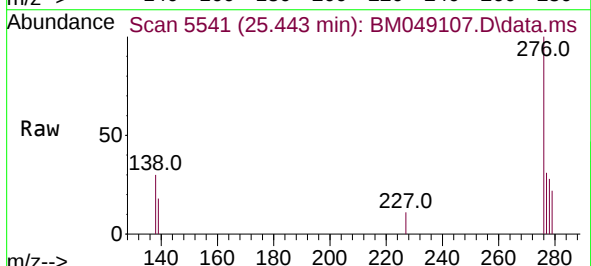
Manual Integrations
APPROVED

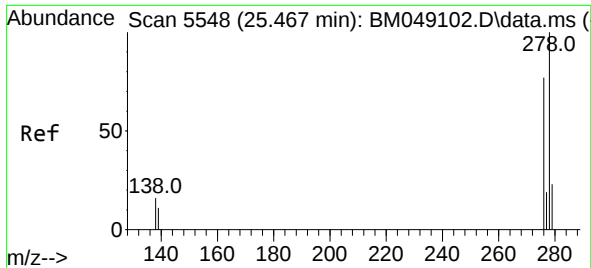
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.058 ng/ul
RT: 25.443 min Scan# 5541
Delta R.T. -0.004 min
Lab File: BM049107.D
Acq: 20 Dec 2024 19:13

Tgt Ion:276 Resp: 6320
Ion Ratio Lower Upper
276 100
138 21.6 17.4 26.2
227 0.0 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.023 ng/ul

RT: 25.457 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM049107.D

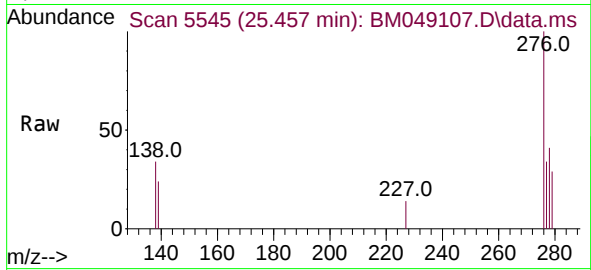
Acq: 20 Dec 2024 19:13

Instrument :

BNA_M

ClientSampleId :

E28Y7DL



Tgt Ion:278 Resp: 195

Ion Ratio Lower Upper

278 100

139 58.9 13.5 20.3

279 69.9 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024

Supervised By :mohammad ahmed 12/24/2024

