

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049145.D
 Acq On : 23 Dec 2024 14:24
 Operator : RC/JU
 Sample : P5226-11DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AN6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 23 14:55:04 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	7.556	152	6884	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.315	136	20107	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.192	164	11534	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	24019	0.400	ng/ul	-0.01
17) Chrysene-d12	21.143	240	20156	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	20466m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.147	96	5518	0.695	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1068	0.040	ng/ul	0.00
18) Fluoranthene-d10	18.974	212	2195	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.905	152	3309	0.069	ng/ul#	93
15) Phenanthrene	16.981	178	9490	0.151	ng/ul	98
16) Anthracene	17.070	178	1678	0.029	ng/ul#	82
19) Fluoranthene	19.002	202	29415	0.404	ng/ul	100
20) Pyrene	19.365	202	25122	0.323	ng/ul	99
21) Benzo(a)anthracene	21.125	228	11118m	0.159	ng/ul	
22) Chrysene	21.178	228	11766	0.156	ng/ul	96
24) Benzo(b)fluoranthene	22.659	252	16330m	0.250	ng/ul	
25) Benzo(k)fluoranthene	22.697	252	6603m	0.092	ng/ul	
26) Benzo(a)pyrene	23.203	252	10595	0.169	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.430	276	8654	0.098	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.440	278	1832	0.027	ng/ul#	30
29) Benzo(g,h,i)perylene	26.077	276	8545	0.120	ng/ul	92

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

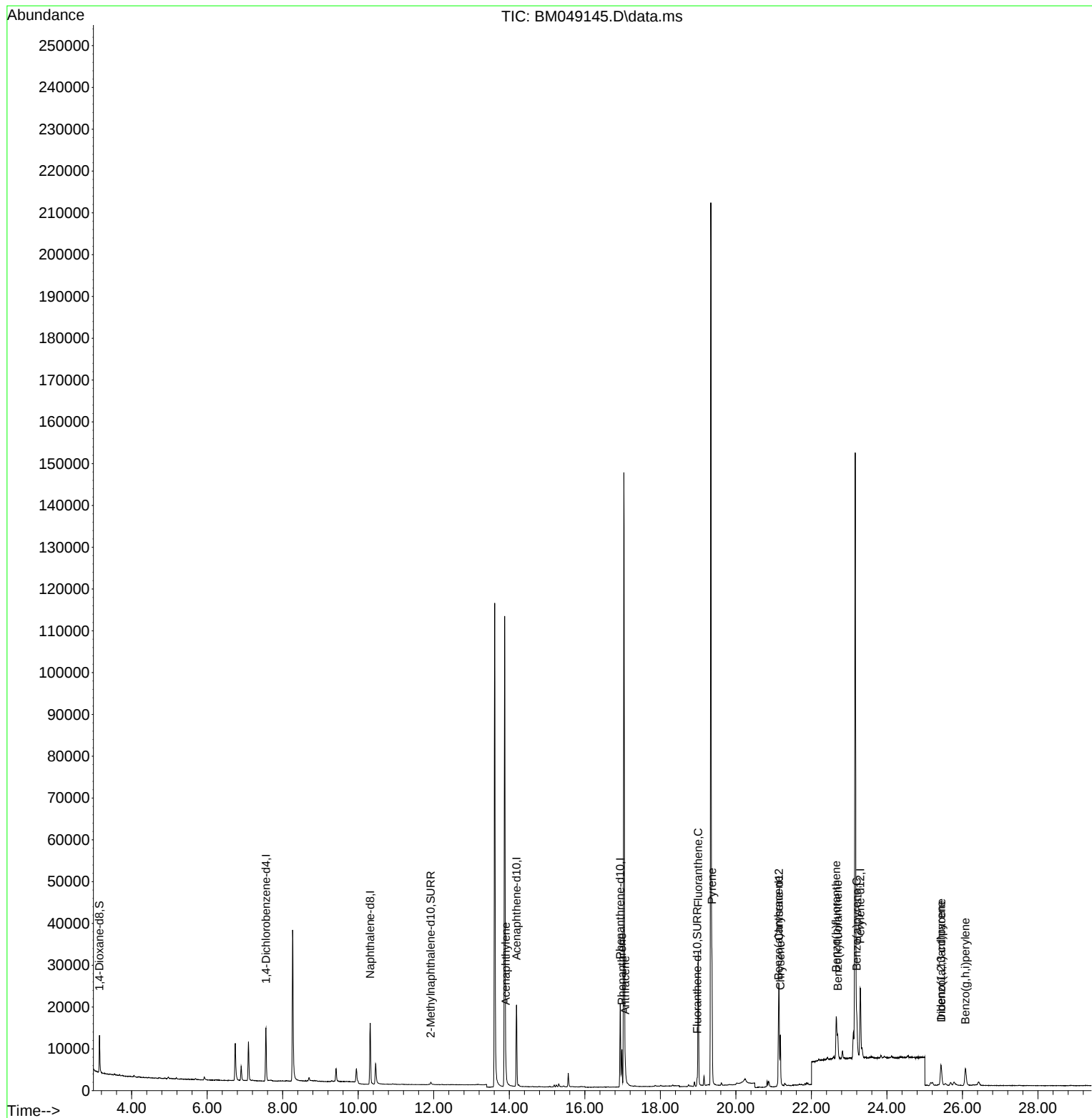
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049145.D
Acq On : 23 Dec 2024 14:24
Operator : RC/JU
Sample : P5226-11DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

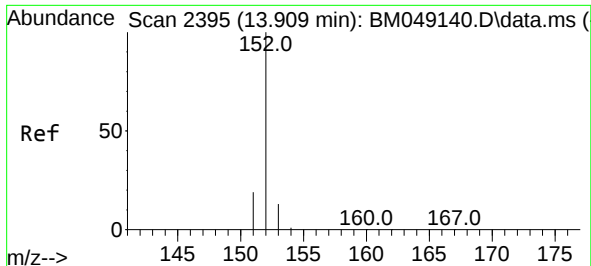
Instrument :
BNA_M
ClientSampleId :
E2AN6DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

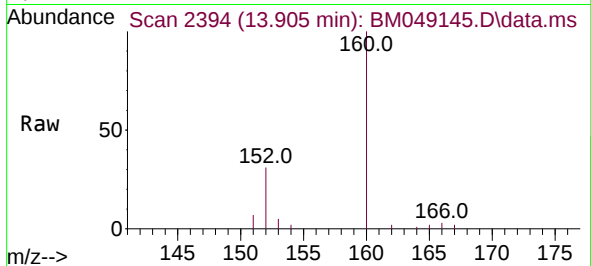
Quant Time: Dec 23 14:55:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 13.905 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049145.D
Acq: 23 Dec 2024 14:24

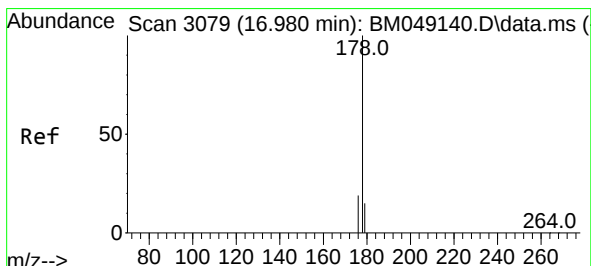
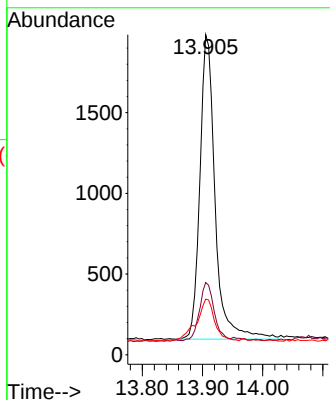
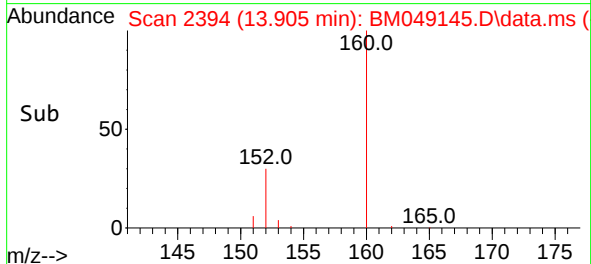
Instrument :
BNA_M
ClientSampleId :
E2AN6DL



Tgt Ion:152 Resp: 3309
Ion Ratio Lower Upper
152 100
151 22.6 16.0 24.0
153 17.3 11.0 16.6

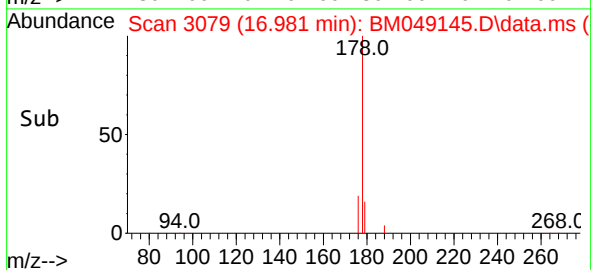
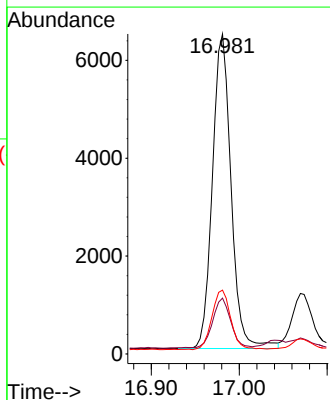
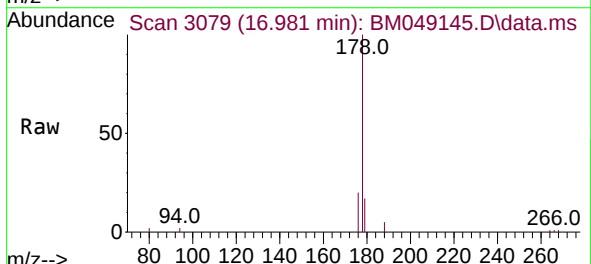
Manual Integrations
APPROVED

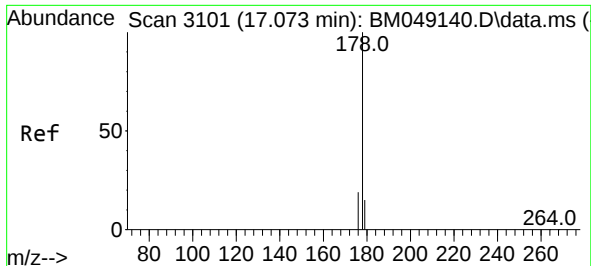
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#15
Phenanthrene
Concen: 0.151 ng/ul
RT: 16.981 min Scan# 3079
Delta R.T. -0.011 min
Lab File: BM049145.D
Acq: 23 Dec 2024 14:24

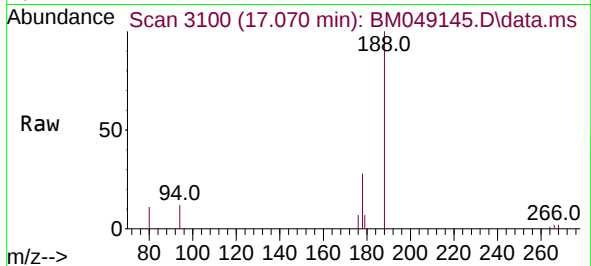
Tgt Ion:178 Resp: 9490
Ion Ratio Lower Upper
178 100
179 17.4 13.0 19.4
176 19.9 16.2 24.2





#16
Anthracene
Concen: 0.029 ng/ul
RT: 17.070 min Scan# 3100
Delta R.T. -0.015 min
Lab File: BM049145.D
Acq: 23 Dec 2024 14:24

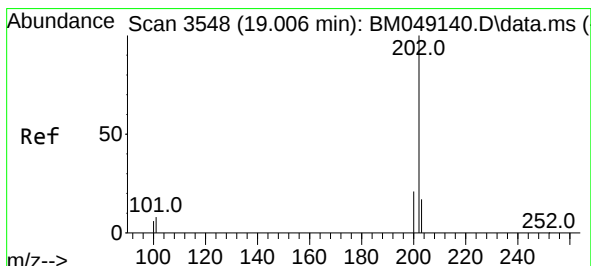
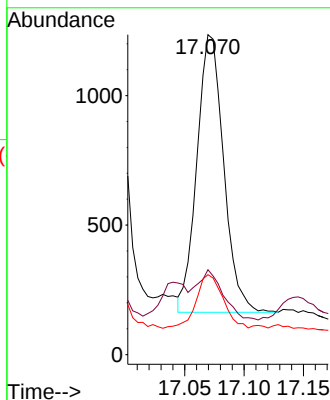
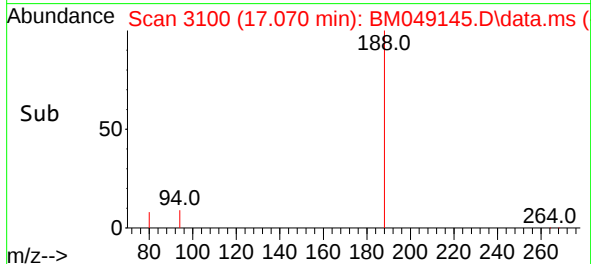
Instrument :
BNA_M
ClientSampleId :
E2AN6DL



Tgt Ion:178 Resp: 1678
Ion Ratio Lower Upper
178 100
179 26.6 12.9 19.3
176 25.0 15.3 22.9

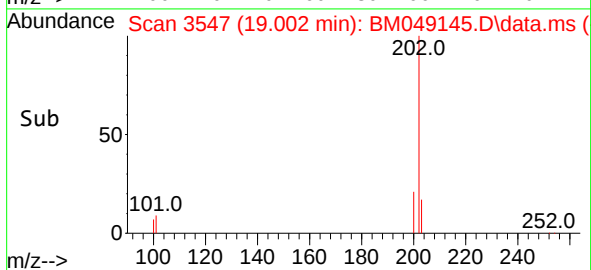
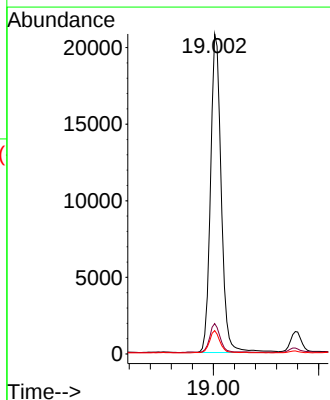
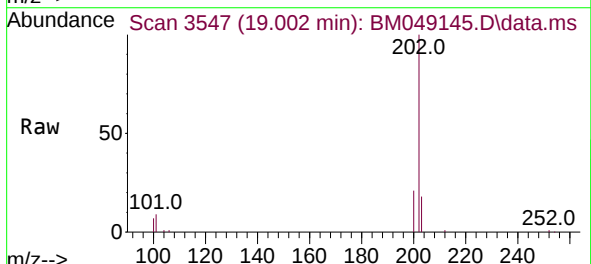
Manual Integrations
APPROVED

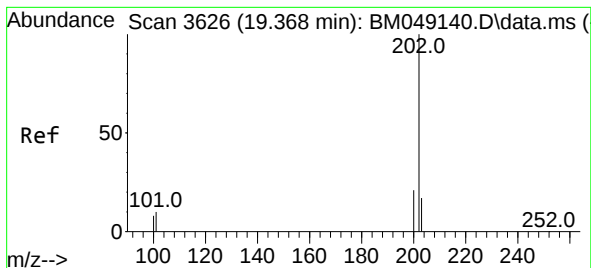
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Fluoranthene
Concen: 0.404 ng/ul
RT: 19.002 min Scan# 3547
Delta R.T. -0.012 min
Lab File: BM049145.D
Acq: 23 Dec 2024 14:24

Tgt Ion:202 Resp: 29415
Ion Ratio Lower Upper
202 100
101 9.5 7.6 11.4
100 7.3 5.5 8.3





#20

Pyrene

Concen: 0.323 ng/ul

RT: 19.365 min Scan# 30

Delta R.T. -0.013 min

Lab File: BM049145.D

Acq: 23 Dec 2024 14:24

Instrument :

BNA_M

ClientSampleId :

E2AN6DL

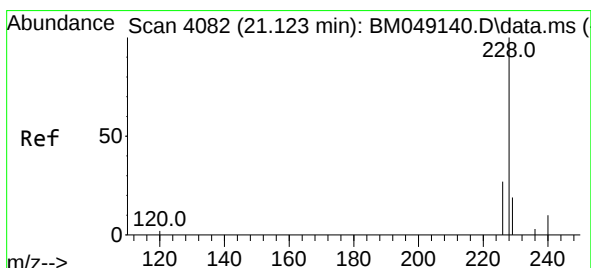
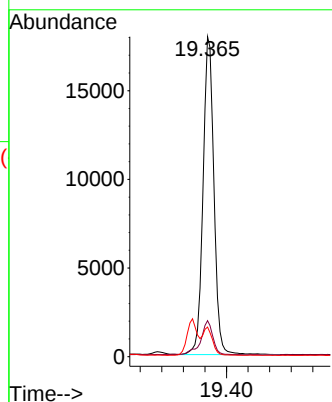
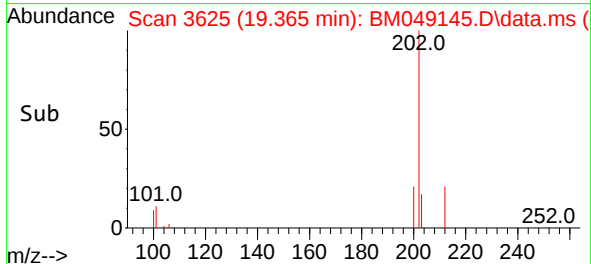
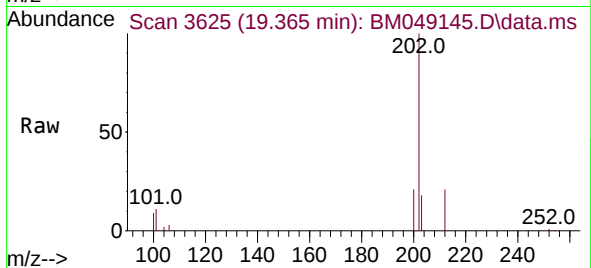
Tgt Ion:	202	Resp:	2512
Ion Ratio	Lower	Upper	
202	100		
101	11.3	8.9	13.3
100	9.2	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/26/2024



#21

Benzo(a)anthracene

Concen: 0.159 ng/ul m

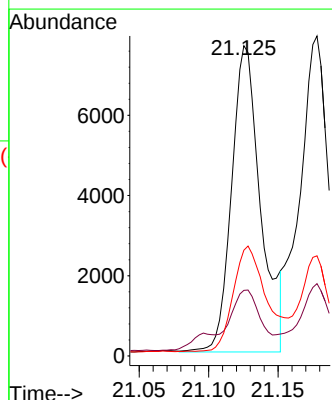
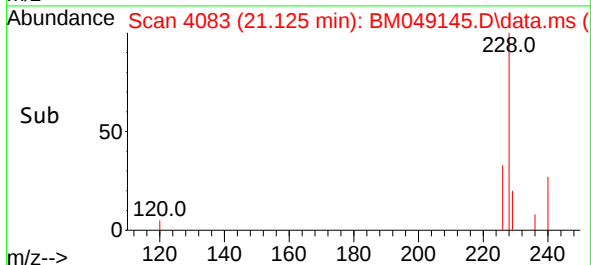
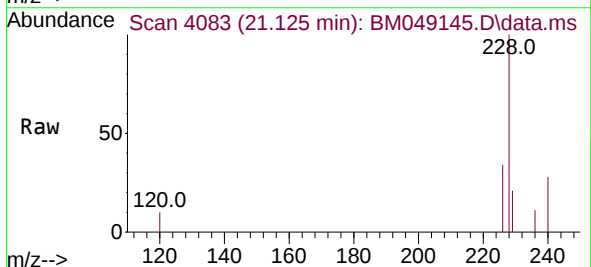
RT: 21.125 min Scan# 4083

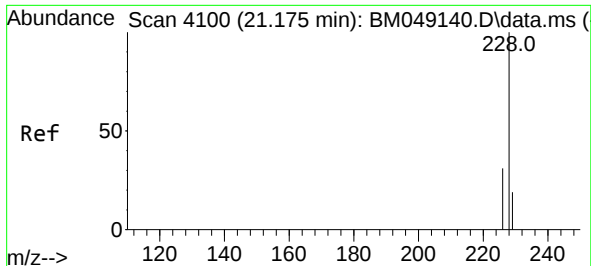
Delta R.T. -0.006 min

Lab File: BM049145.D

Acq: 23 Dec 2024 14:24

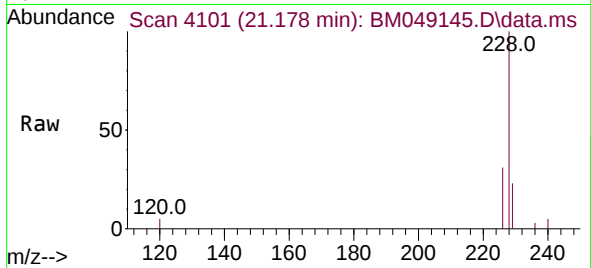
Tgt Ion:	228	Resp:	11118
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.9	23.9
226	34.1	22.6	34.0#





#22
Chrysene
Concen: 0.156 ng/ul
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049145.D
Acq: 23 Dec 2024 14:24

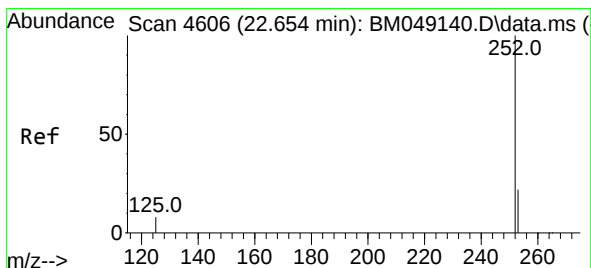
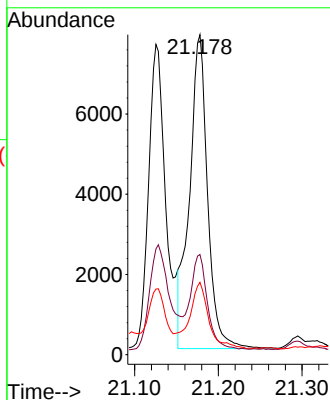
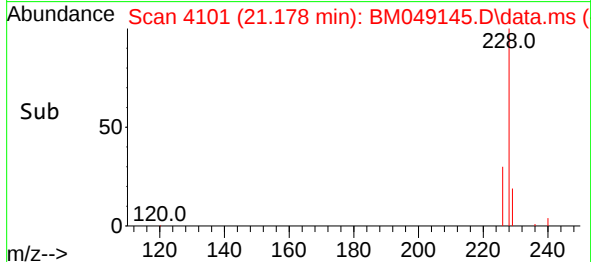
Instrument :
BNA_M
ClientSampleId :
E2AN6DL



Tgt Ion:228 Resp: 11760
Ion Ratio Lower Upper
228 100
226 31.3 24.1 36.1
229 22.6 15.8 23.8

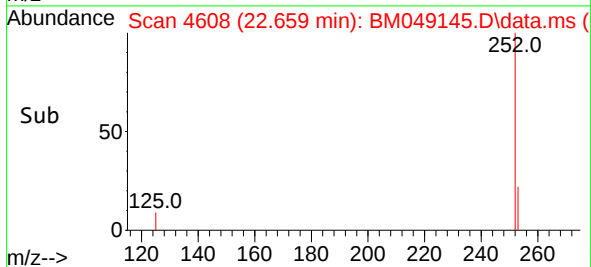
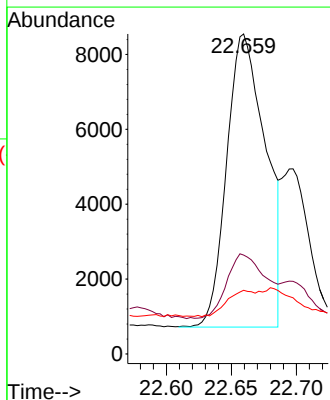
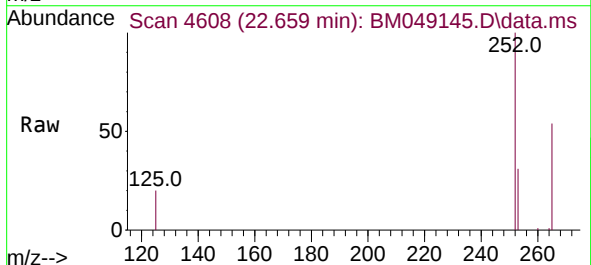
Manual Integrations
APPROVED

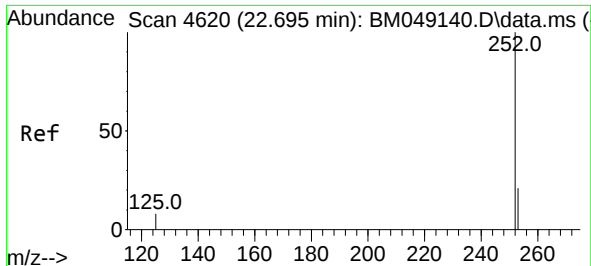
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#24
Benzo(b)fluoranthene
Concen: 0.250 ng/ul m
RT: 22.659 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM049145.D
Acq: 23 Dec 2024 14:24

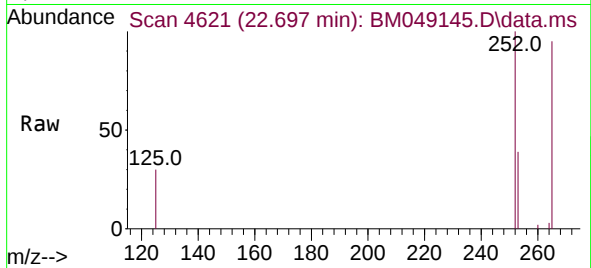
Tgt Ion:252 Resp: 16330
Ion Ratio Lower Upper
252 100
253 30.9 0.0 52.6
125 19.9 0.0 30.8





#25
Benzo(k)fluoranthene
Concen: 0.092 ng/ul m
RT: 22.697 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM049145.D
Acq: 23 Dec 2024 14:24

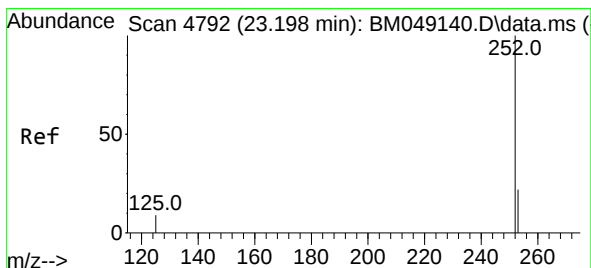
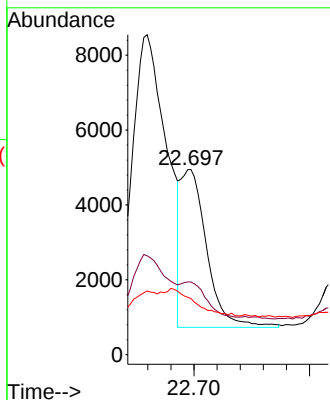
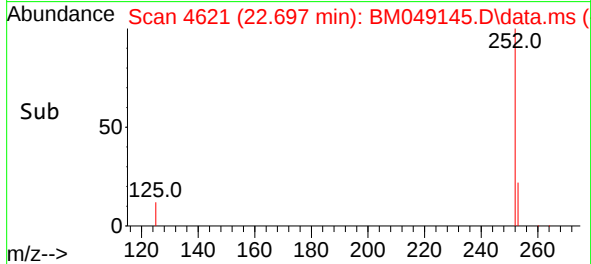
Instrument :
BNA_M
ClientSampleId :
E2AN6DL



Tgt Ion:252 Resp: 660
Ion Ratio Lower Upper
252 100
253 39.2 21.3 31.9
125 30.3 12.6 18.8

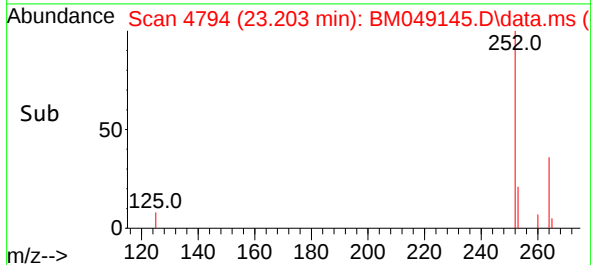
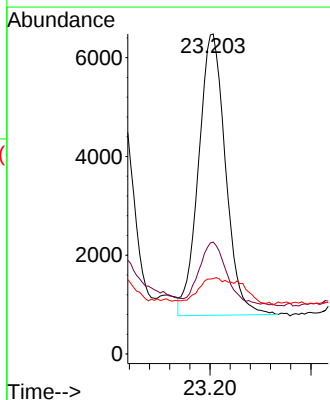
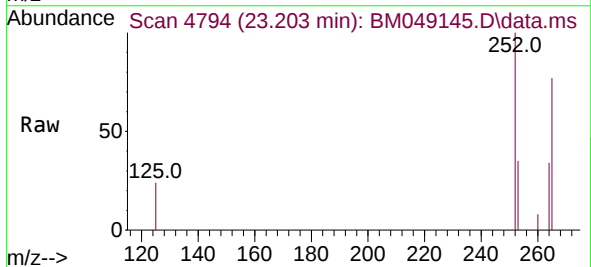
Manual Integrations
APPROVED

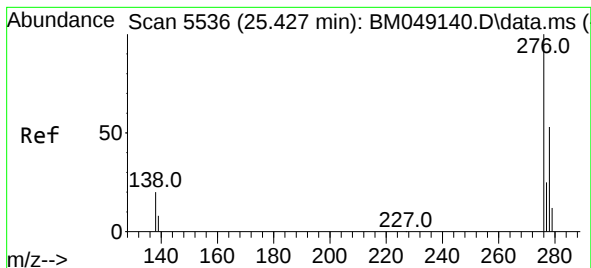
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024



#26
Benzo(a)pyrene
Concen: 0.169 ng/ul
RT: 23.203 min Scan# 4794
Delta R.T. -0.006 min
Lab File: BM049145.D
Acq: 23 Dec 2024 14:24

Tgt Ion:252 Resp: 10595
Ion Ratio Lower Upper
252 100
253 35.0 22.4 33.6#
125 23.6 14.8 22.2#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.098 ng/ul

RT: 25.430 min Scan# 5536

Delta R.T. -0.017 min

Lab File: BM049145.D

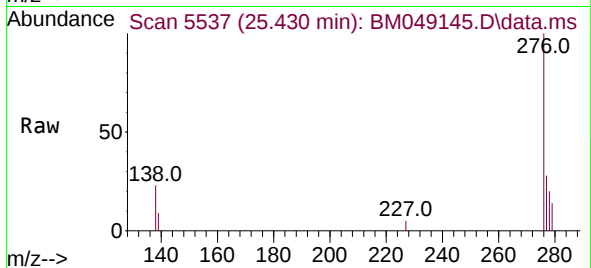
Acq: 23 Dec 2024 14:24

Instrument :

BNA_M

ClientSampleId :

E2AN6DL



Tgt Ion:276 Resp: 8654

Ion Ratio Lower Upper

276 100

138 18.5 17.4 26.2

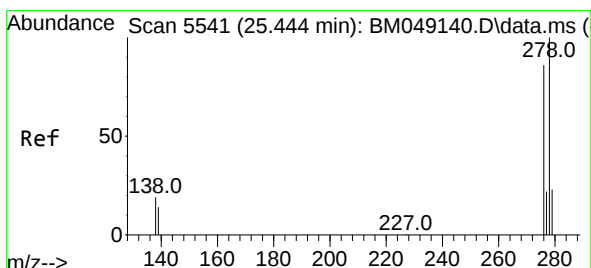
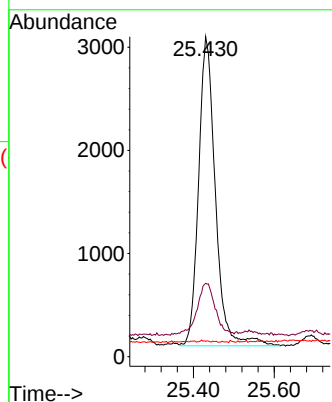
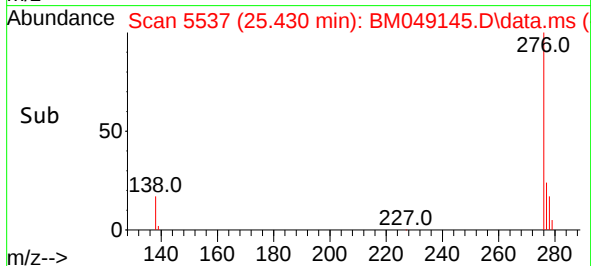
227 0.3 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/24/2024

Supervised By :mohammad ahmed 12/26/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.027 ng/ul

RT: 25.440 min Scan# 5540

Delta R.T. -0.027 min

Lab File: BM049145.D

Acq: 23 Dec 2024 14:24

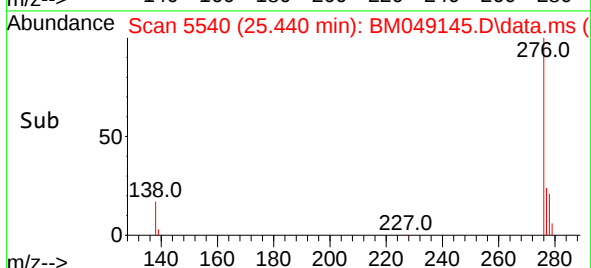
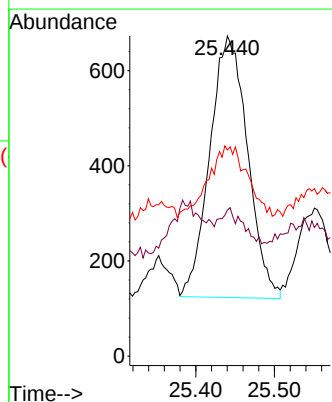
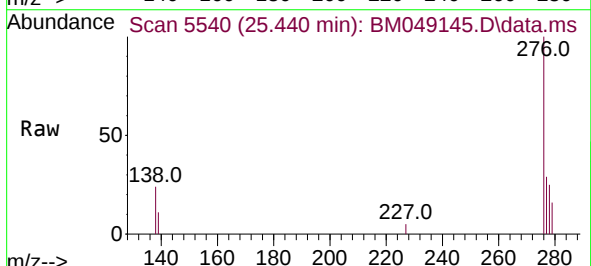
Tgt Ion:278 Resp: 1832

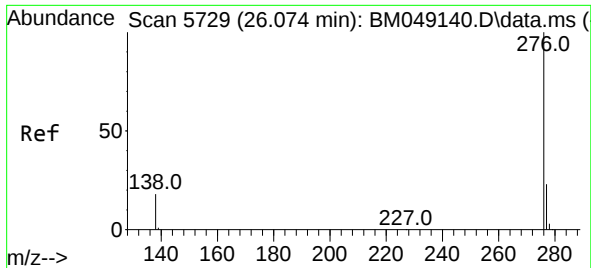
Ion Ratio Lower Upper

278 100

139 45.6 13.5 20.3#

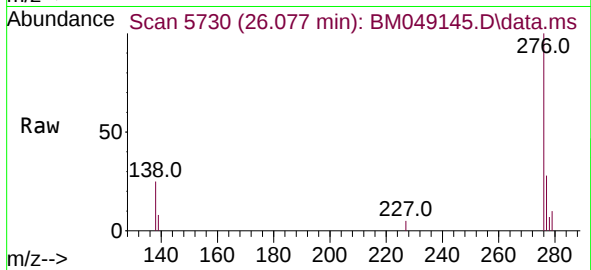
279 64.3 21.5 32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.120 ng/ul
RT: 26.077 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049145.D
Acq: 23 Dec 2024 14:24

Instrument :
BNA_M
ClientSampleId :
E2AN6DL



Tgt Ion:276 Resp: 8549
Ion Ratio Lower Upper
276 100
138 25.0 16.7 25.1
277 28.2 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

