

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
 Data File : BM049084.D
 Acq On : 19 Dec 2024 23:52
 Operator : RC/JU
 Sample : P5226-23
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AR3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 20 00:35:41 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	6622	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	19620	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.196	164	10602	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	22711m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	17197m	0.400	ng/ul	0.00
23) Perylene-d12	23.303	264	16560m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	22855	2.993	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	4506	0.171	ng/ul	0.00
18) Fluoranthene-d10	18.978	212	8011	0.164	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	13.913	152	5201	0.118	ng/ul	98
15) Phenanthrene	16.988	178	12255m	0.207	ng/ul	
16) Anthracene	17.077	178	2797m	0.051	ng/ul	
19) Fluoranthene	19.010	202	42565	0.685	ng/ul	100
20) Pyrene	19.373	202	37137	0.560	ng/ul	99
21) Benzo(a)anthracene	21.129	228	15658	0.262	ng/ul	95
22) Chrysene	21.181	228	18102	0.282	ng/ul	97
24) Benzo(b)fluoranthene	22.666	252	24831m	0.469	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	9877m	0.170	ng/ul	
26) Benzo(a)pyrene	23.209	252	15452	0.305	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.441	276	12360	0.172	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.454	278	2878	0.052	ng/ul#	69
29) Benzo(g,h,i)perylene	26.091	276	12250	0.212	ng/ul	98

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

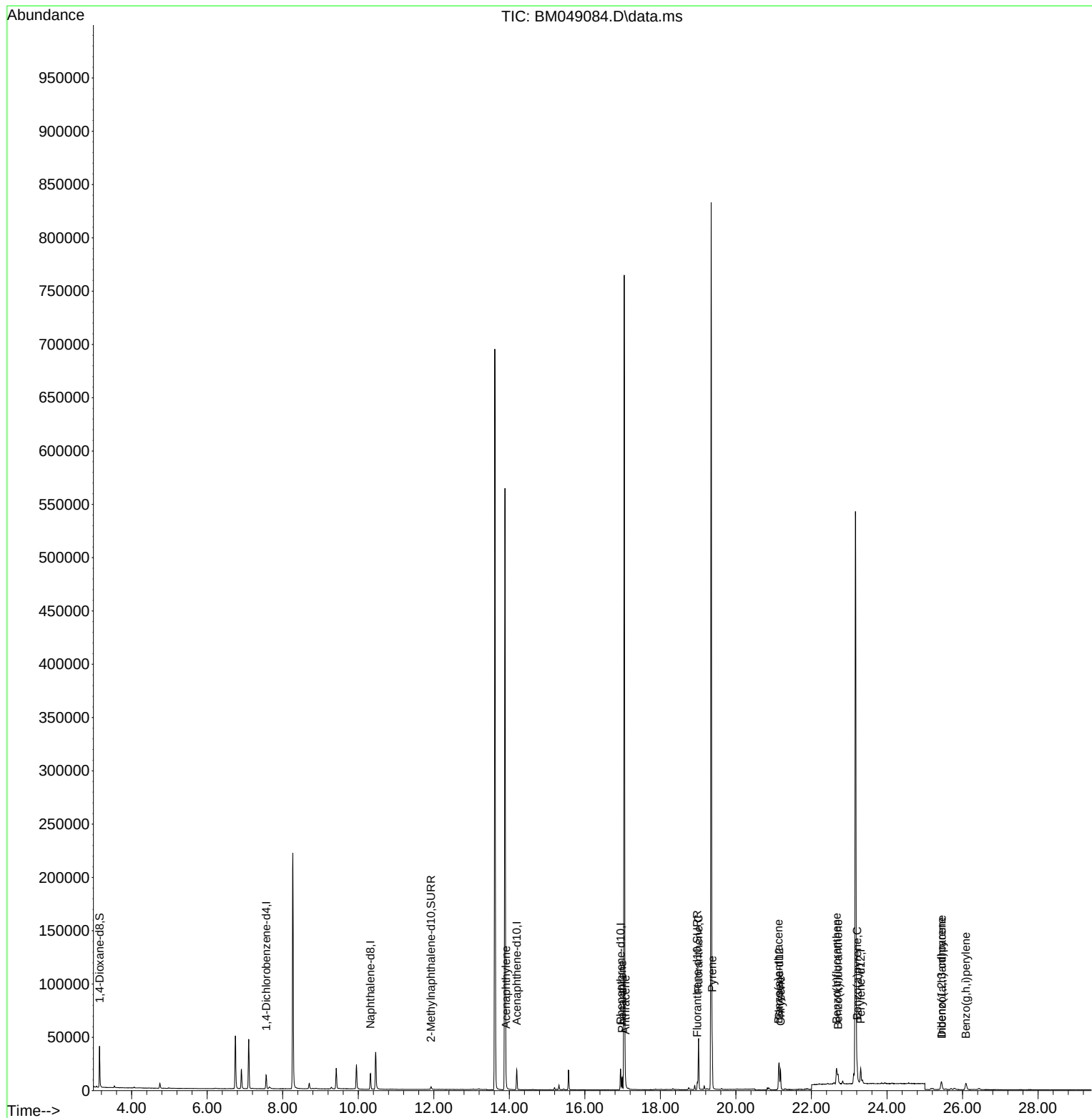
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049084.D
Acq On : 19 Dec 2024 23:52
Operator : RC/JU
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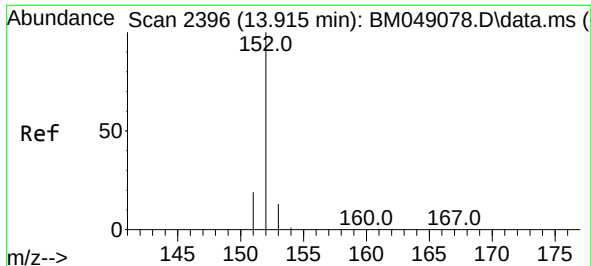
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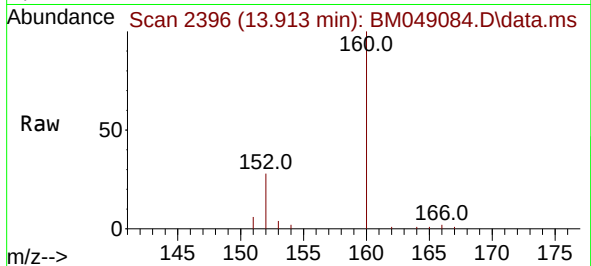
Quant Time: Dec 20 00:35:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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#10
Acenaphthylene
Concen: 0.118 ng/ul
RT: 13.913 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM049084.D
Acq: 19 Dec 2024 23:52

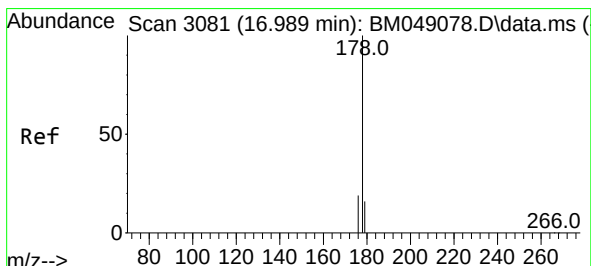
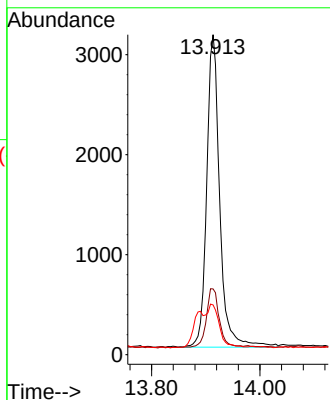
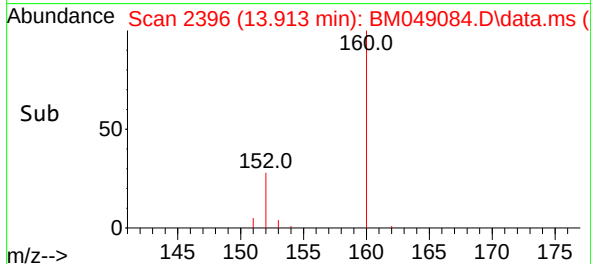
Instrument :
BNA_M
ClientSampleId :
E2AR3



Tgt Ion:152 Resp: 520
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 15.5 11.0 16.6

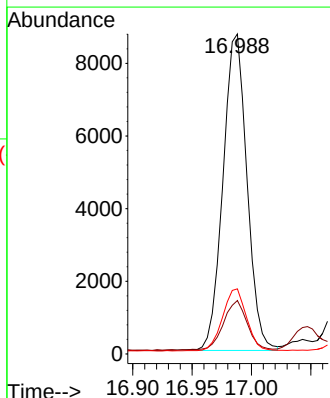
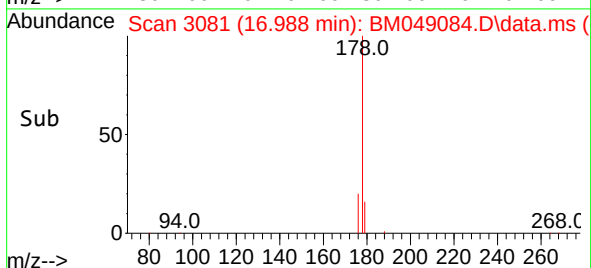
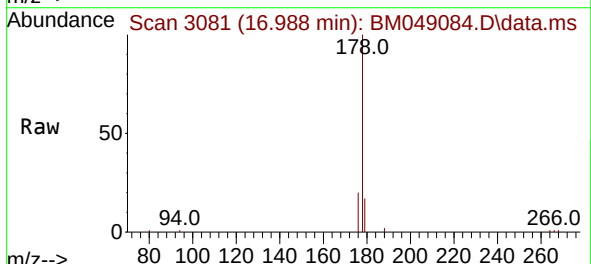
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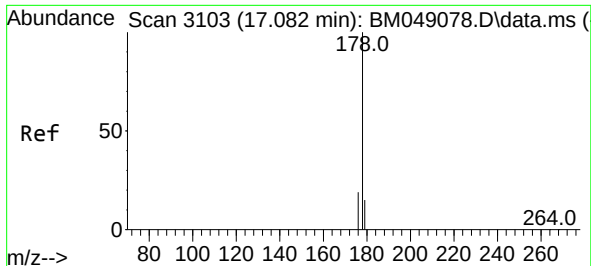
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



#15
Phenanthrene
Concen: 0.207 ng/ul m
RT: 16.988 min Scan# 3081
Delta R.T. -0.004 min
Lab File: BM049084.D
Acq: 19 Dec 2024 23:52

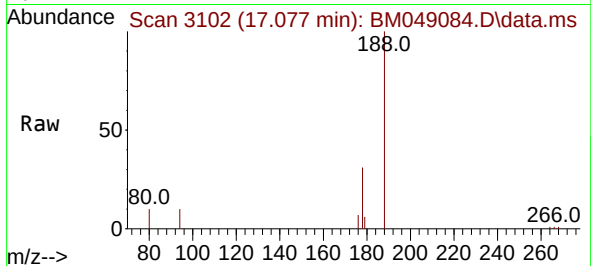
Tgt Ion:178 Resp: 12255
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.4
176 20.3 16.2 24.2





#16
 Anthracene
 Concen: 0.051 ng/ul m
 RT: 17.077 min Scan# 3102
 Delta R.T. -0.008 min
 Lab File: BM049084.D
 Acq: 19 Dec 2024 23:52

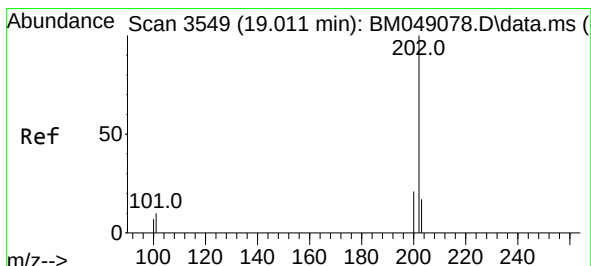
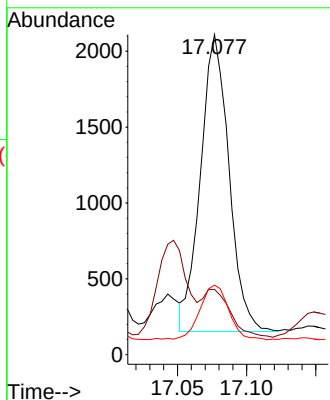
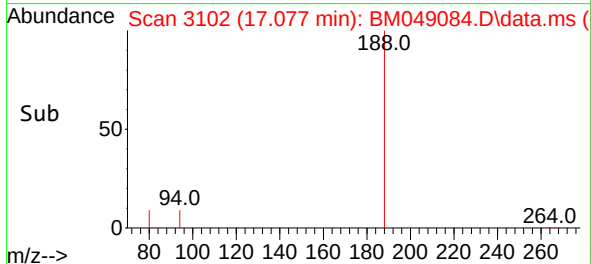
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:178 Resp: 279
 Ion Ratio Lower Upper
 178 100
 179 20.4 12.9 19.3
 176 21.8 15.3 22.9

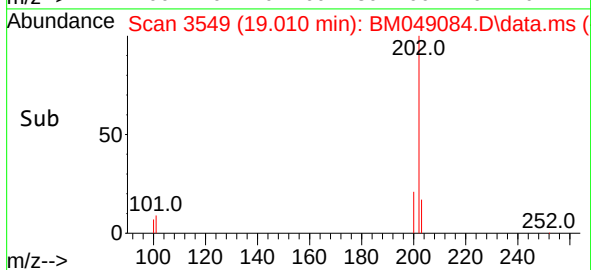
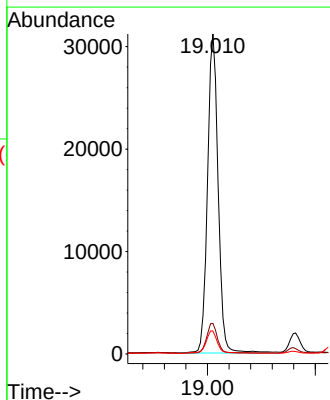
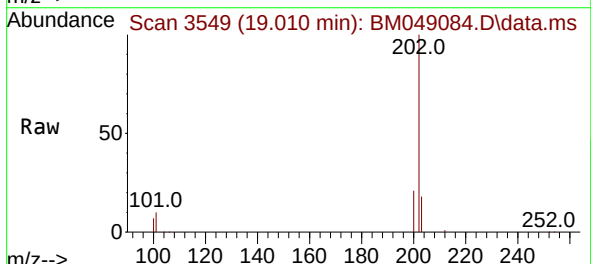
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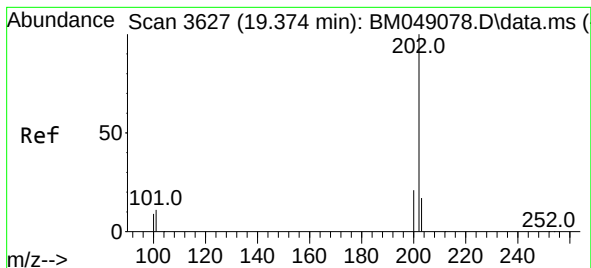
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/26/2024



#19
 Fluoranthene
 Concen: 0.685 ng/ul
 RT: 19.010 min Scan# 3549
 Delta R.T. -0.005 min
 Lab File: BM049084.D
 Acq: 19 Dec 2024 23:52

Tgt Ion:202 Resp: 42565
 Ion Ratio Lower Upper
 202 100
 101 9.5 7.6 11.4
 100 7.1 5.5 8.3





#20

Pyrene

Concen: 0.560 ng/u1

RT: 19.373 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM049084.D

Acq: 19 Dec 2024 23:52

Instrument :

BNA_M

ClientSampleId :

E2AR3

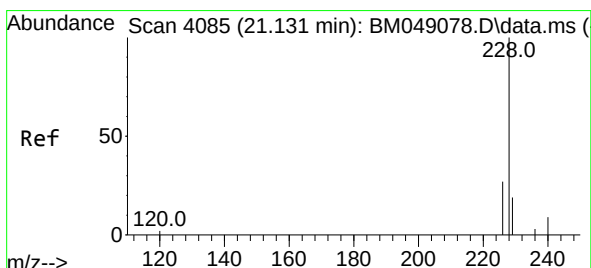
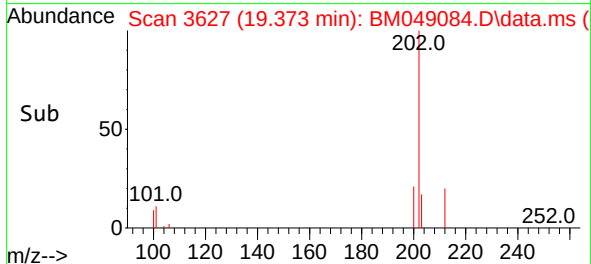
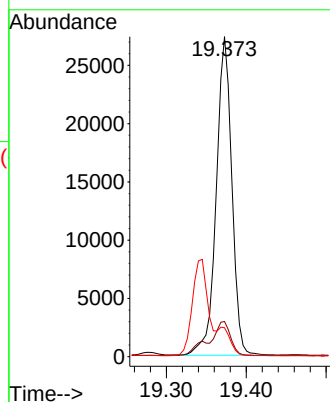
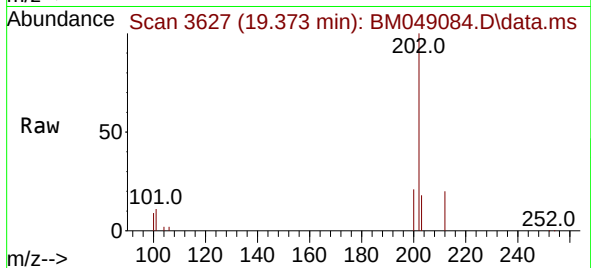
Tgt Ion:	202	Resp:	3713
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.9	13.3
100	9.1	6.9	10.3

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#21

Benzo(a)anthracene

Concen: 0.262 ng/u1

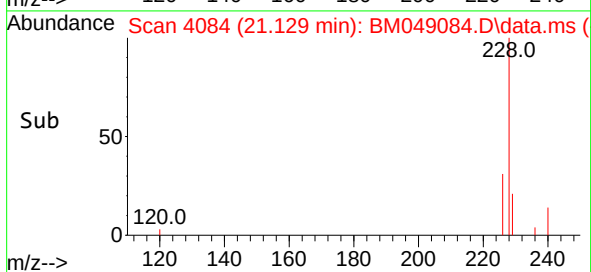
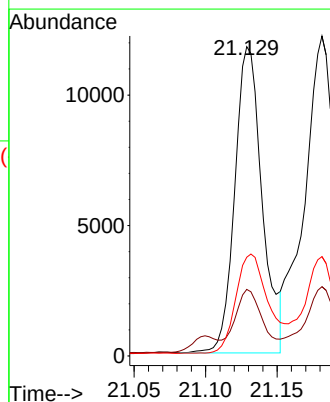
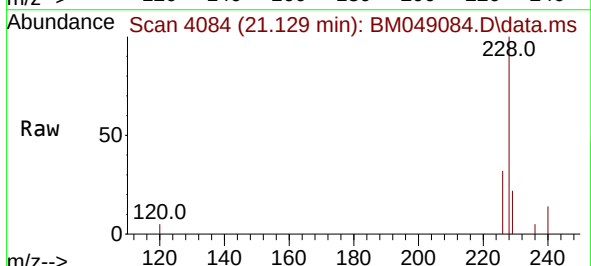
RT: 21.129 min Scan# 4084

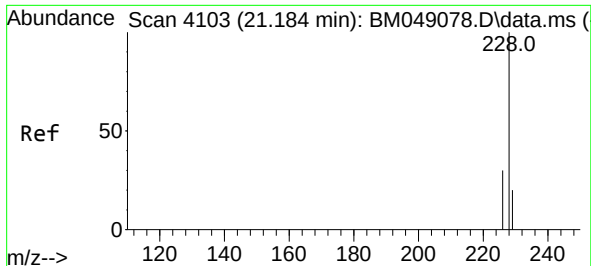
Delta R.T. -0.003 min

Lab File: BM049084.D

Acq: 19 Dec 2024 23:52

Tgt Ion:	228	Resp:	15658
Ion Ratio	Lower	Upper	
228	100		
229	21.5	15.9	23.9
226	31.9	22.6	34.0





#22

Chrysene

Concen: 0.282 ng/ul

RT: 21.181 min Scan# 4103

Delta R.T. -0.003 min

Lab File: BM049084.D

Acq: 19 Dec 2024 23:52

Instrument :

BNA_M

ClientSampleId :

E2AR3

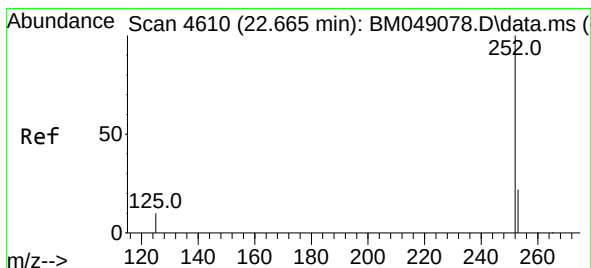
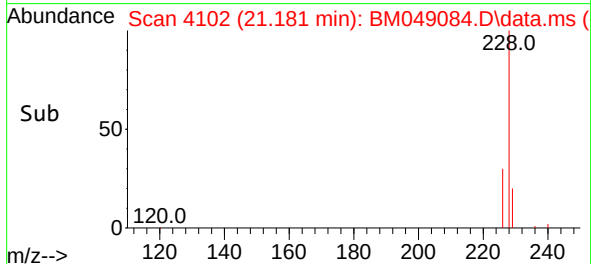
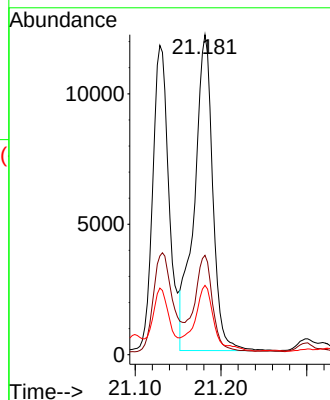
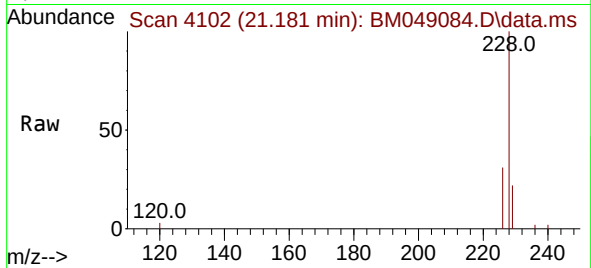
Tgt Ion:228	Resp: 1810
Ion Ratio	Lower Upper
228 100	
226 31.1	24.1 36.1
229 21.6	15.8 23.8

Manual Integrations

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Supervised By :mohammad ahmed 12/26/2024



#24

Benzo(b)fluoranthene

Concen: 0.469 ng/ul m

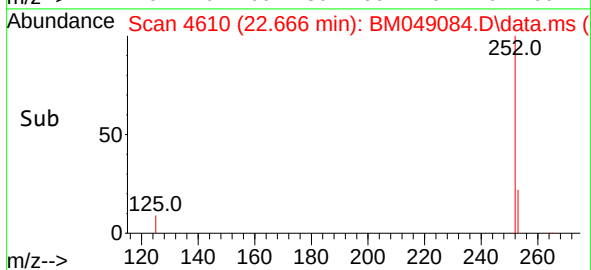
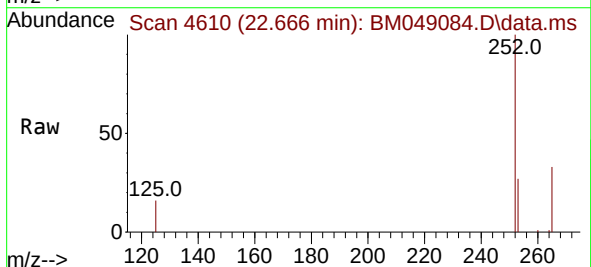
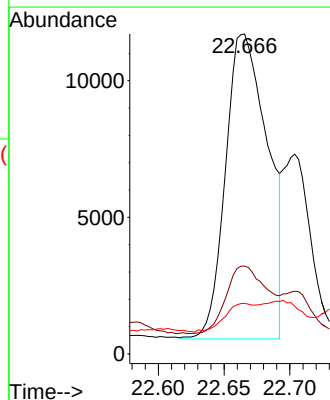
RT: 22.666 min Scan# 4610

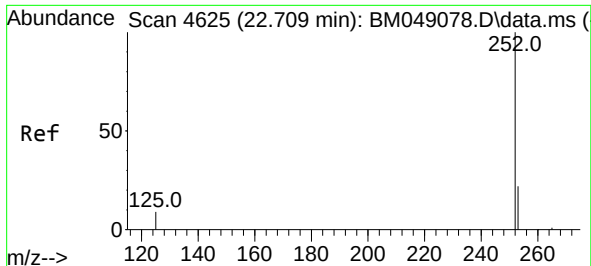
Delta R.T. 0.003 min

Lab File: BM049084.D

Acq: 19 Dec 2024 23:52

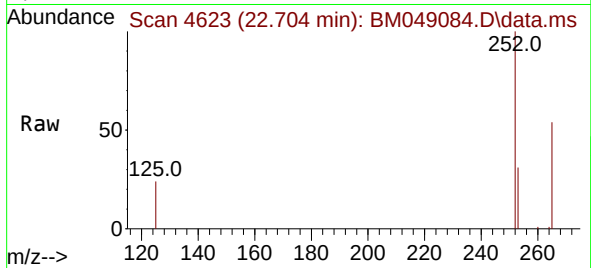
Tgt Ion:252	Resp: 24831
Ion Ratio	Lower Upper
252 100	
253 27.5	0.0 52.6
125 15.8	0.0 30.8





#25
Benzo(k)fluoranthene
Concen: 0.170 ng/ul m
RT: 22.704 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM049084.D
Acq: 19 Dec 2024 23:52

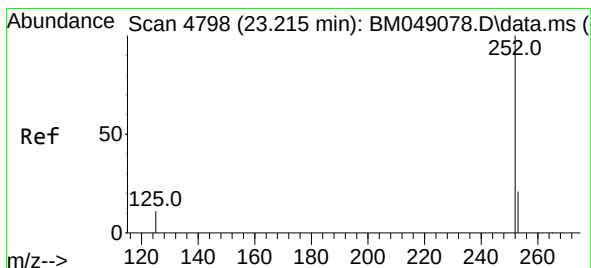
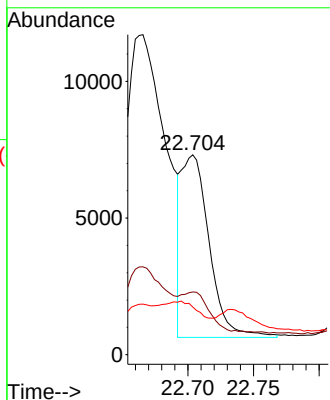
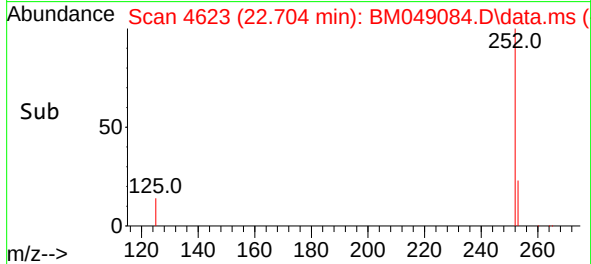
Instrument :
BNA_M
ClientSampleId :
E2AR3



Tgt Ion:252 Resp: 987
Ion Ratio Lower Upper
252 100
253 31.4 21.3 31.9
125 23.9 12.6 18.8

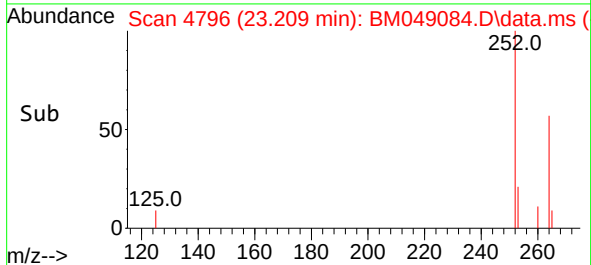
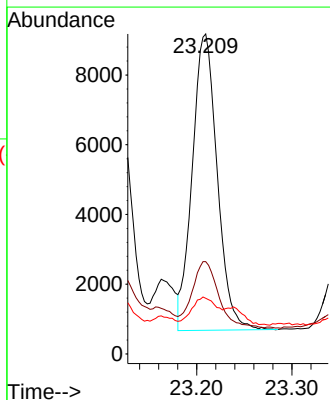
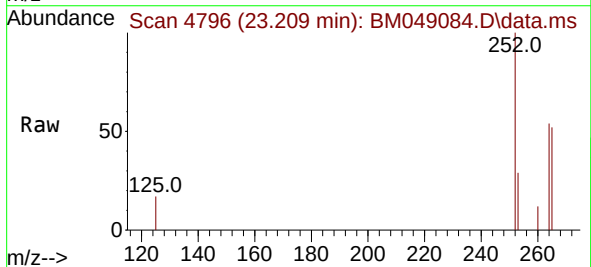
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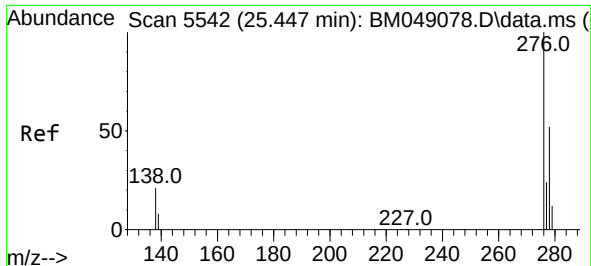
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



#26
Benzo(a)pyrene
Concen: 0.305 ng/ul
RT: 23.209 min Scan# 4796
Delta R.T. 0.000 min
Lab File: BM049084.D
Acq: 19 Dec 2024 23:52

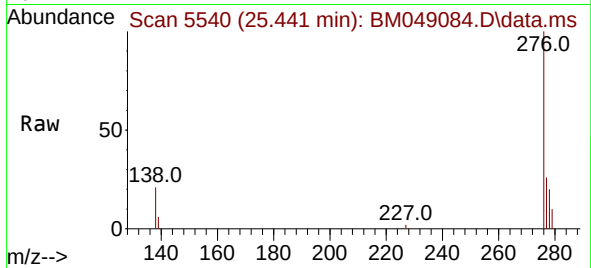
Tgt Ion:252 Resp: 15452
Ion Ratio Lower Upper
252 100
253 28.9 22.4 33.6
125 17.4 14.8 22.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng/ul
RT: 25.441 min Scan# 5542
Delta R.T. -0.007 min
Lab File: BM049084.D
Acq: 19 Dec 2024 23:52

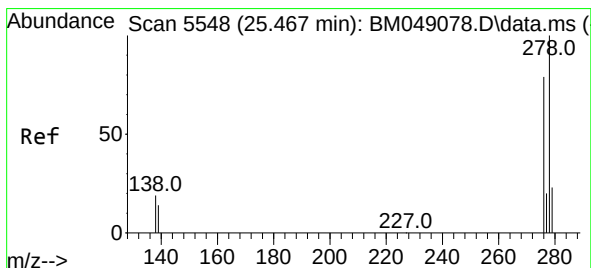
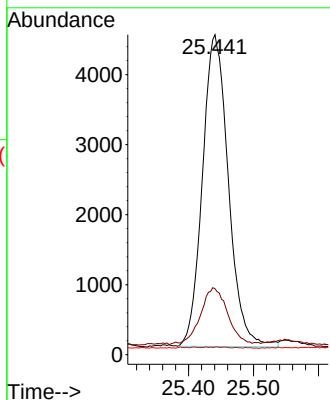
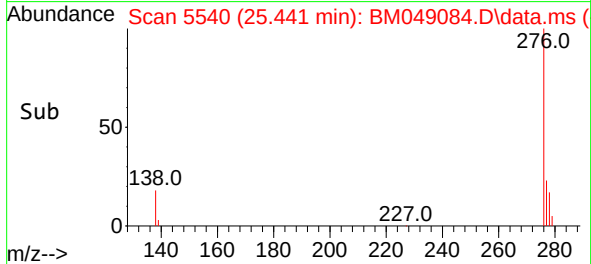
Instrument :
BNA_M
ClientSampleId :
E2AR3



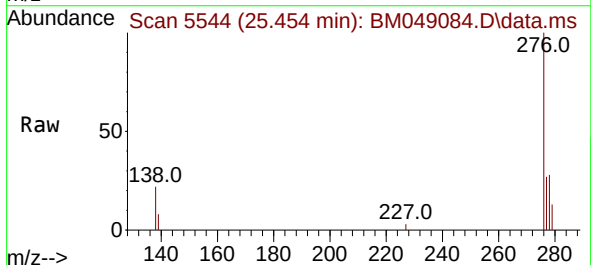
Tgt Ion:276 Resp: 12360
Ion Ratio Lower Upper
276 100
138 19.2 17.4 26.2
227 0.0 0.2 0.2

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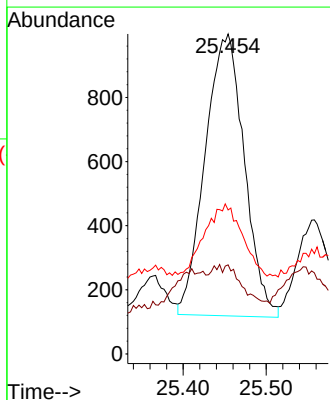
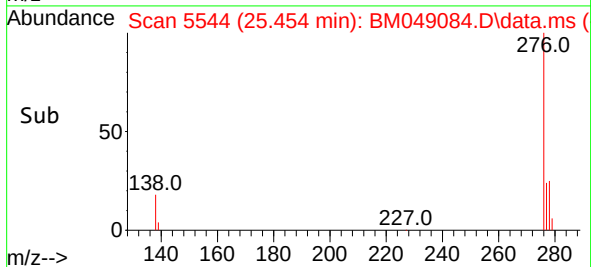
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024

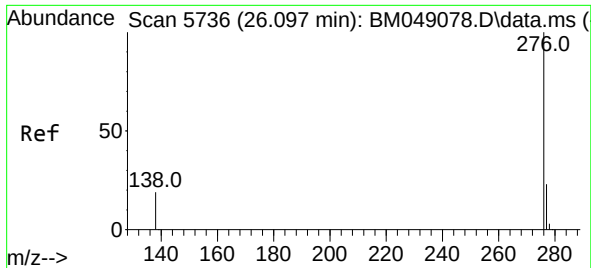


#28
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 25.454 min Scan# 5544
Delta R.T. -0.013 min
Lab File: BM049084.D
Acq: 19 Dec 2024 23:52



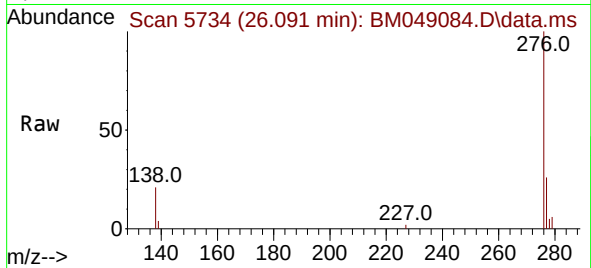
Tgt Ion:278 Resp: 2878
Ion Ratio Lower Upper
278 100
139 27.9 13.5 20.3#
279 45.0 21.5 32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.212 ng/ul
RT: 26.091 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM049084.D
Acq: 19 Dec 2024 23:52

Instrument :
BNA_M
ClientSampleId :
E2AR3



Tgt Ion:276 Resp: 12250
Ion Ratio Lower Upper
276 100
138 21.1 16.7 25.1
277 26.3 19.9 29.9

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