

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049135.D
 Acq On : 21 Dec 2024 12:37
 Operator : RC/JU
 Sample : P5265-15
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2900

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 23:07:54 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	7.556	152	10288	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.319	136	32562	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.191	164	18394	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	39950m	0.400	ng/ul	0.00
17) Chrysene-d12	21.143	240	32604m	0.400	ng/ul	0.00
23) Perylene-d12	23.300	264	32036m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	43238	3.644	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.914	152	9244	0.211	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	16534	0.179	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.369	128	3952	0.048	ng/ul#	90
7) 2-Methylnaphthalene	11.991	142	2911	0.056	ng/ul	99
8) 1-Methylnaphthalene	12.216	142	2224	0.042	ng/ul	99
15) Phenanthrene	16.984	178	29274m	0.281	ng/ul	
16) Anthracene	17.072	178	3356m	0.035	ng/ul	
19) Fluoranthene	19.005	202	57528	0.488	ng/ul	100
20) Pyrene	19.368	202	51278	0.408	ng/ul	99
21) Benzo(a)anthracene	21.126	228	20920	0.184	ng/ul	95
22) Chrysene	21.178	228	27177m	0.223	ng/ul	
24) Benzo(b)fluoranthene	22.660	252	35135m	0.343	ng/ul	
25) Benzo(k)fluoranthene	22.698	252	12210m	0.109	ng/ul	
26) Benzo(a)pyrene	23.206	252	20655	0.210	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.437	276	18556	0.134	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.444	278	4076	0.038	ng/ul#	39
29) Benzo(g,h,i)perylene	26.091	276	22124	0.198	ng/ul	96

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

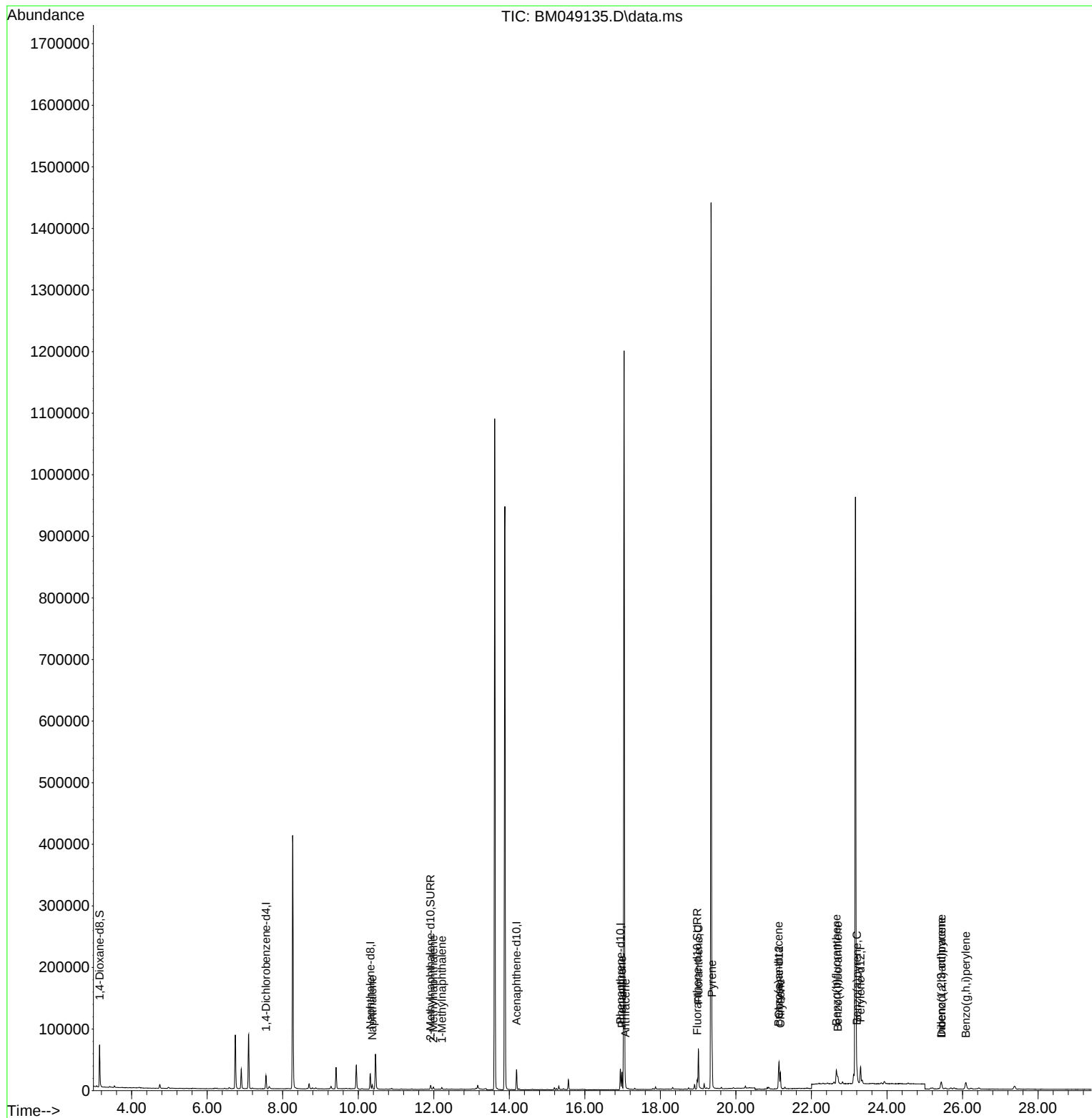
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049135.D
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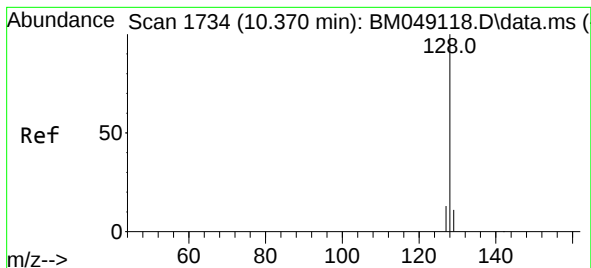
Instrument :
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#5

Naphthalene

Concen: 0.048 ng/ul

RT: 10.369 min Scan# 1

Delta R.T. -0.011 min

Lab File: BM049135.D

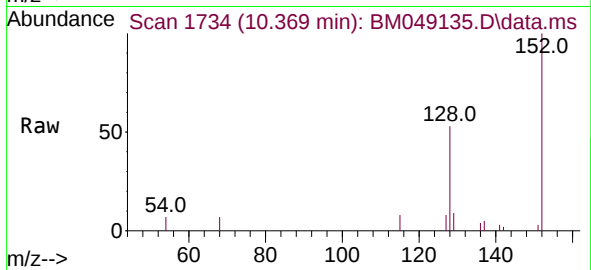
Acq: 21 Dec 2024 12:37

Instrument :

BNA_M

ClientSampleId :

E2900



Tgt Ion:128 Resp: 395

Ion Ratio Lower Upper

128 100

129 17.9 9.7 14.5

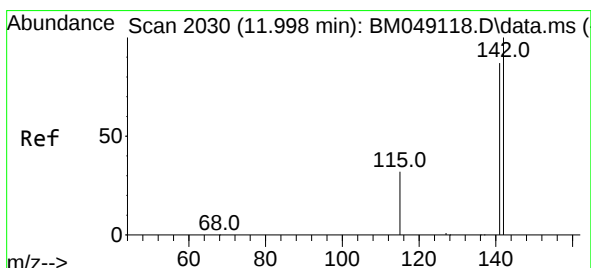
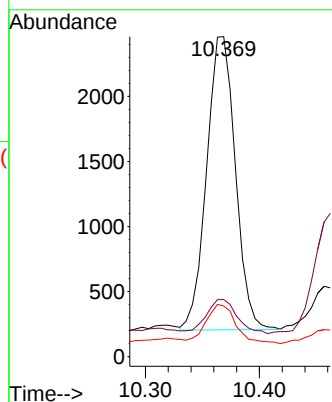
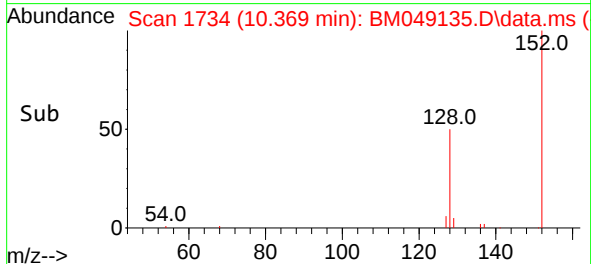
127 15.9 10.6 16.0

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#7

2-Methylnaphthalene

Concen: 0.056 ng/ul

RT: 11.991 min Scan# 2029

Delta R.T. -0.011 min

Lab File: BM049135.D

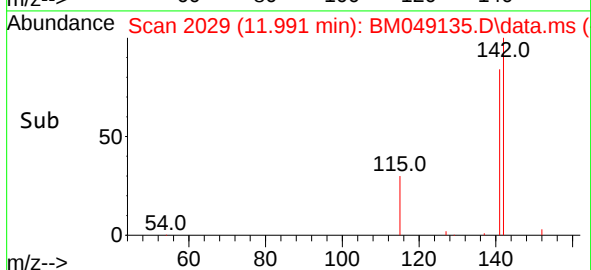
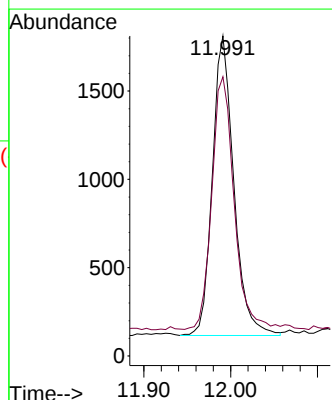
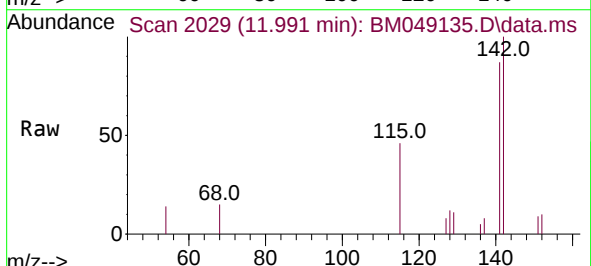
Acq: 21 Dec 2024 12:37

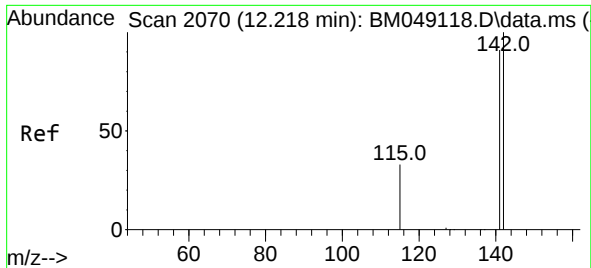
Tgt Ion:142 Resp: 2911

Ion Ratio Lower Upper

142 100

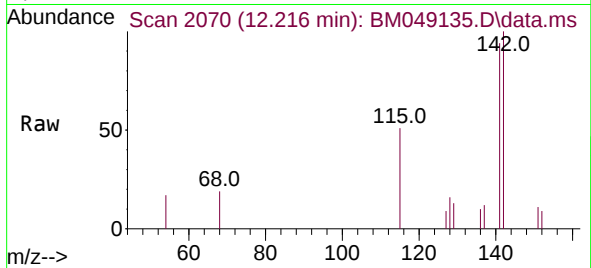
141 88.7 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.216 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM049135.D
Acq: 21 Dec 2024 12:37

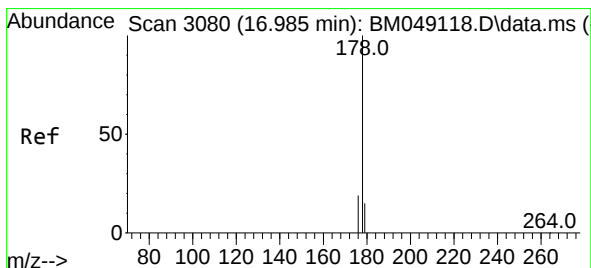
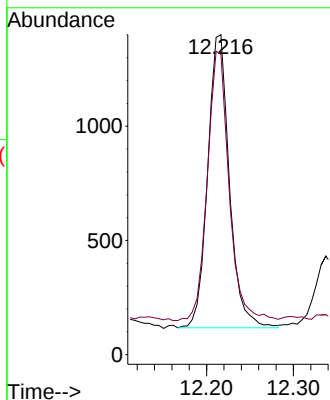
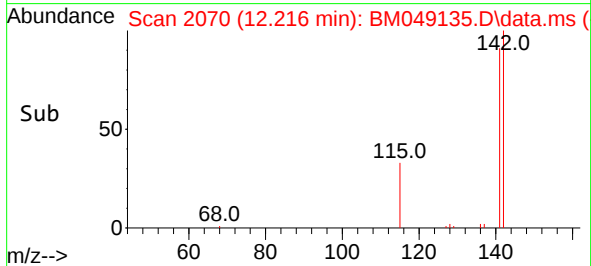
Instrument :
BNA_M
ClientSampleId :
E2900



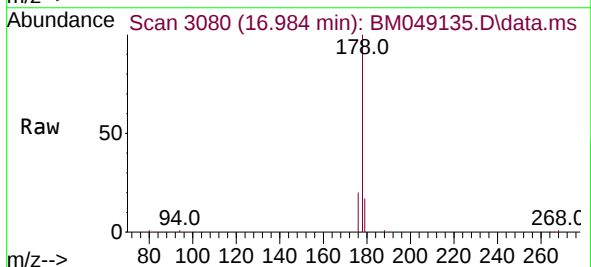
Tgt Ion:142 Resp: 2224
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1

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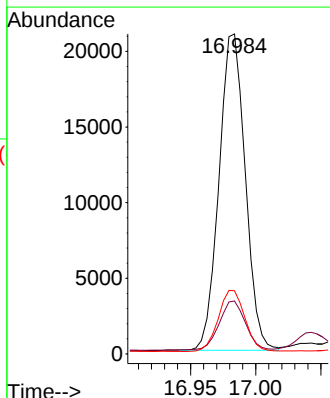
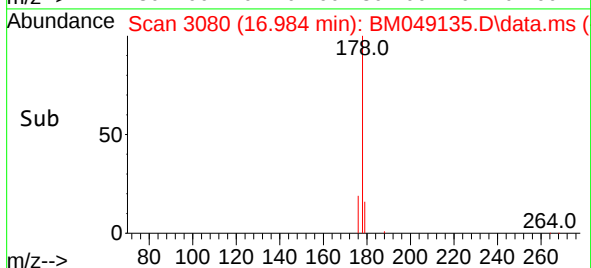
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

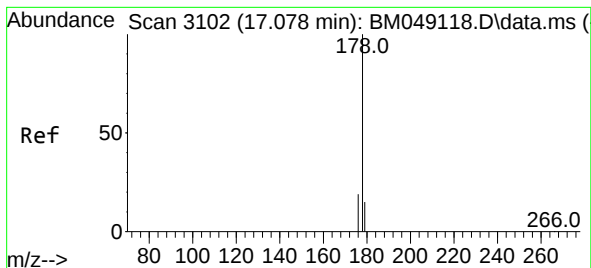


#15
Phenanthrene
Concen: 0.281 ng/ul m
RT: 16.984 min Scan# 3080
Delta R.T. -0.008 min
Lab File: BM049135.D
Acq: 21 Dec 2024 12:37



Tgt Ion:178 Resp: 29274
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.4
176 19.8 16.2 24.2





#16

Anthracene

Concen: 0.035 ng/ul m

RT: 17.072 min Scan# 3101

Delta R.T. -0.013 min

Lab File: BM049135.D

Acq: 21 Dec 2024 12:37

Instrument :

BNA_M

ClientSampleId :

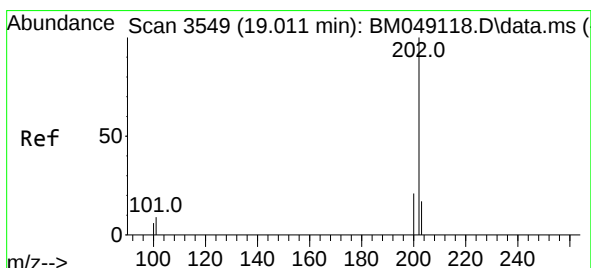
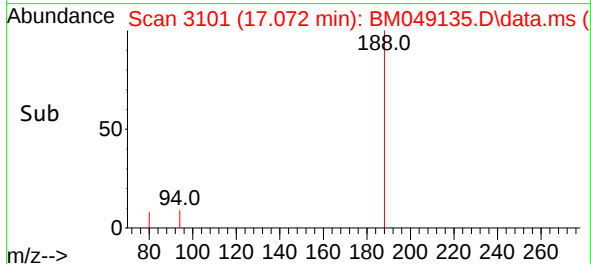
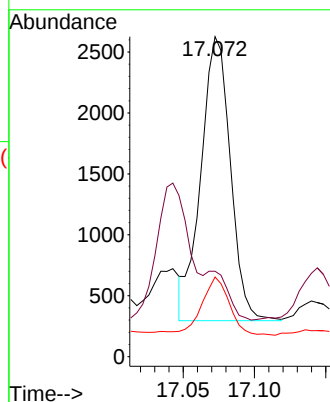
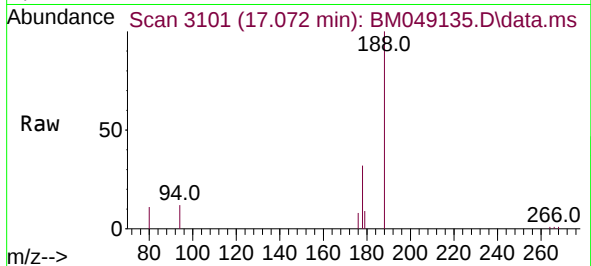
E2900

Tgt Ion:178	Resp:	3350
Ion Ratio	Lower	Upper
178	100	
179	26.7	12.9 19.3
176	24.9	15.3 22.9

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#19

Fluoranthene

Concen: 0.488 ng/ul

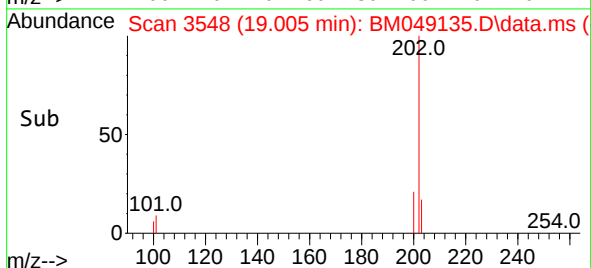
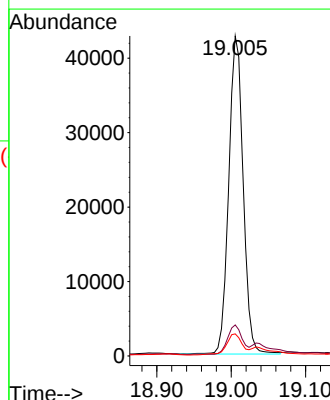
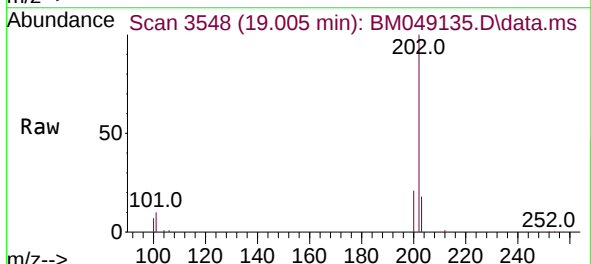
RT: 19.005 min Scan# 3548

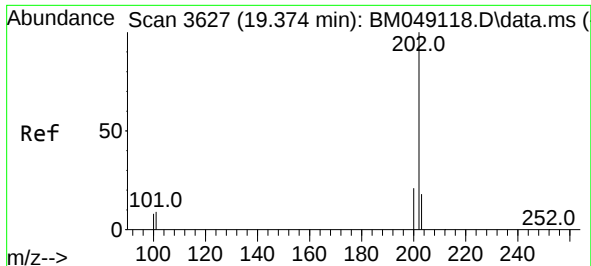
Delta R.T. -0.009 min

Lab File: BM049135.D

Acq: 21 Dec 2024 12:37

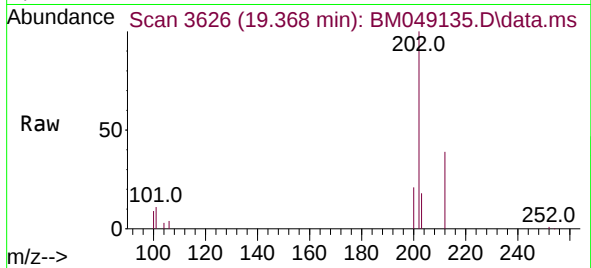
Tgt Ion:202	Resp:	57528
Ion Ratio	Lower	Upper
202	100	
101	9.7	7.6 11.4
100	6.9	5.5 8.3





#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.368 min Scan# 30
Delta R.T. -0.009 min
Lab File: BM049135.D
Acq: 21 Dec 2024 12:37

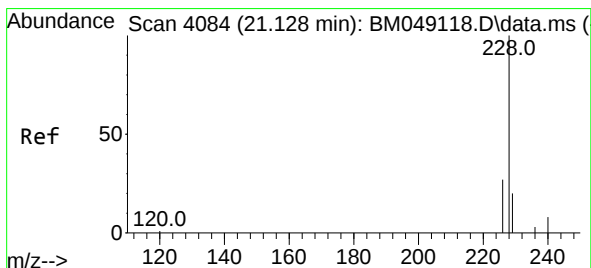
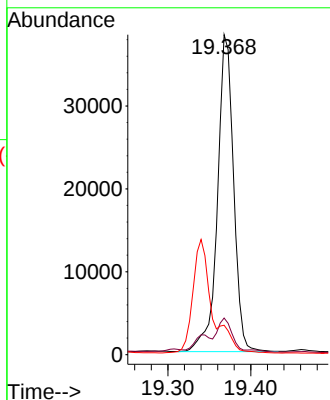
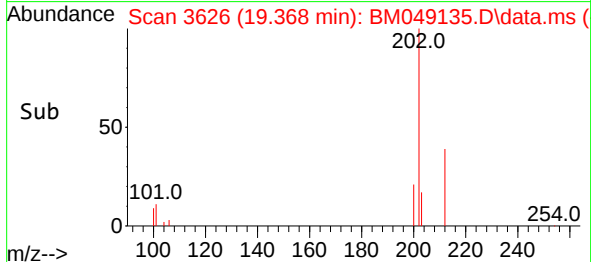
Instrument :
BNA_M
ClientSampleId :
E2900



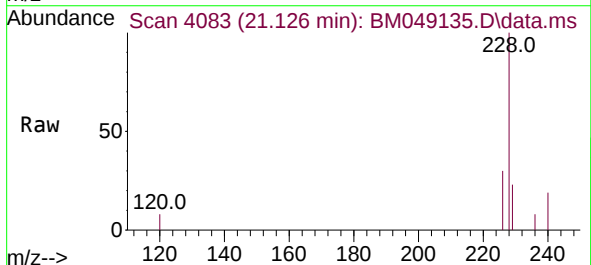
Tgt Ion:202 Resp: 51278
Ion Ratio Lower Upper
202 100
101 11.5 8.9 13.3
100 9.2 6.9 10.3

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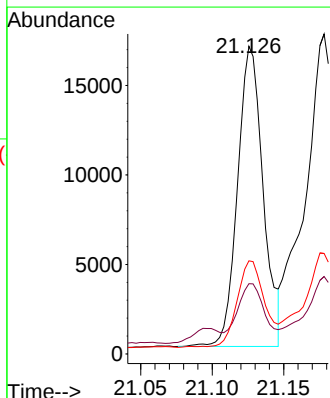
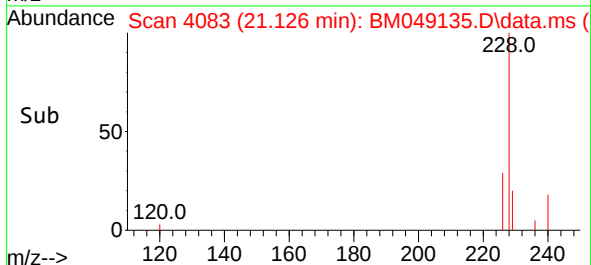
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

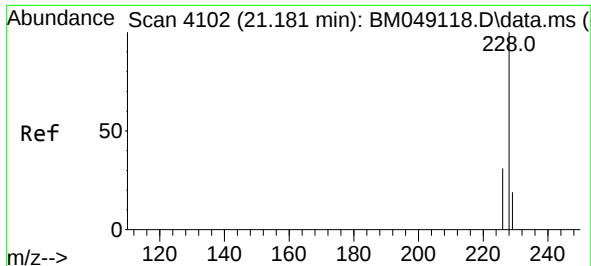


#21
Benzo(a)anthracene
Concen: 0.184 ng/ul
RT: 21.126 min Scan# 4083
Delta R.T. -0.006 min
Lab File: BM049135.D
Acq: 21 Dec 2024 12:37



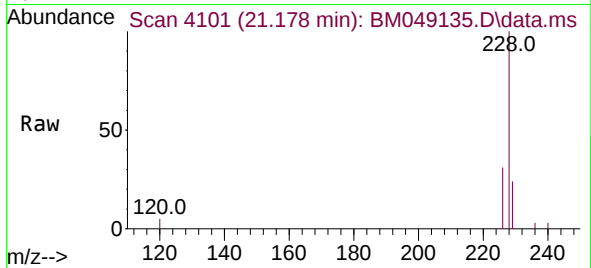
Tgt Ion:228 Resp: 20920
Ion Ratio Lower Upper
228 100
229 22.8 15.9 23.9
226 30.3 22.6 34.0





#22
Chrysene
Concen: 0.223 ng/ul m
RT: 21.178 min Scan# 4101
Delta R.T. -0.006 min
Lab File: BM049135.D
Acq: 21 Dec 2024 12:37

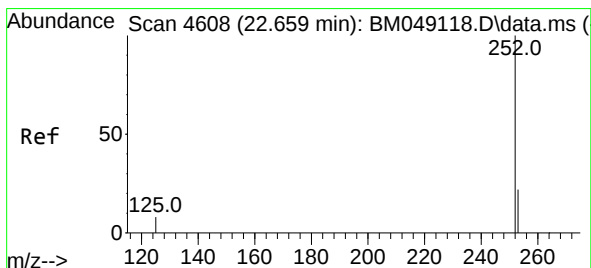
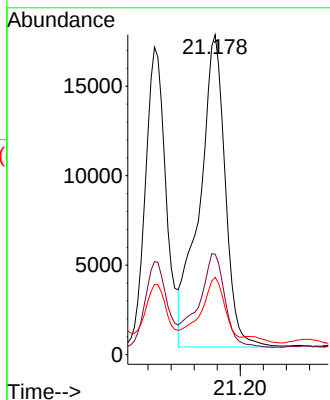
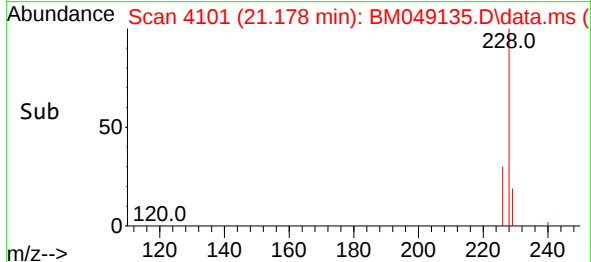
Instrument :
BNA_M
ClientSampleId :
E2900



Tgt Ion:228 Resp: 2717
Ion Ratio Lower Upper
228 100
226 31.4 24.1 36.1
229 24.2 15.8 23.8

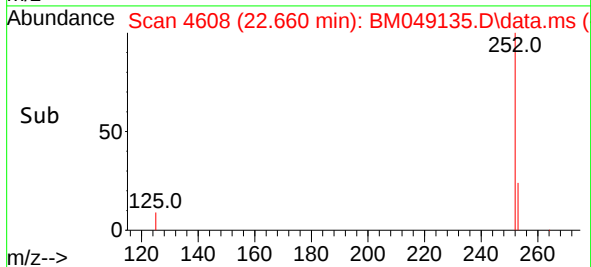
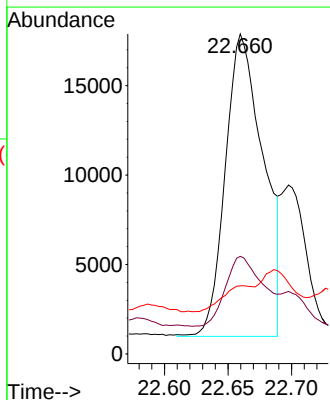
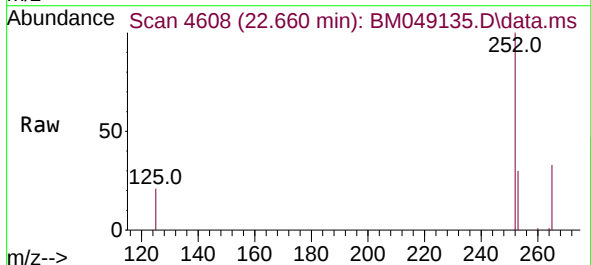
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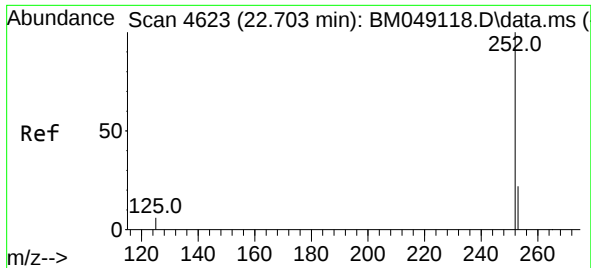
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#24
Benzo(b)fluoranthene
Concen: 0.343 ng/ul m
RT: 22.660 min Scan# 4608
Delta R.T. -0.003 min
Lab File: BM049135.D
Acq: 21 Dec 2024 12:37

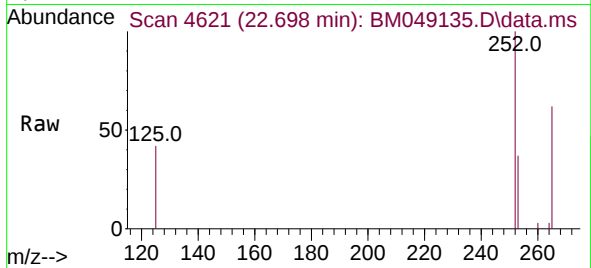
Tgt Ion:252 Resp: 35135
Ion Ratio Lower Upper
252 100
253 30.5 0.0 52.6
125 21.3 0.0 30.8





#25
Benzo(k)fluoranthene
Concen: 0.109 ng/ul m
RT: 22.698 min Scan# 4621
Delta R.T. -0.009 min
Lab File: BM049135.D
Acq: 21 Dec 2024 12:37

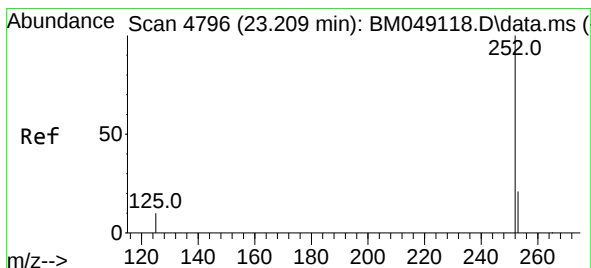
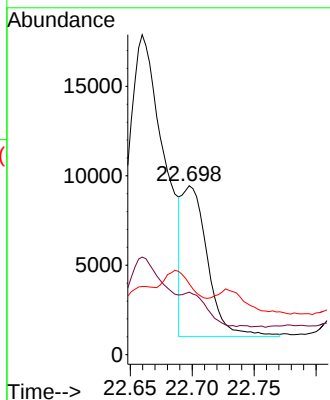
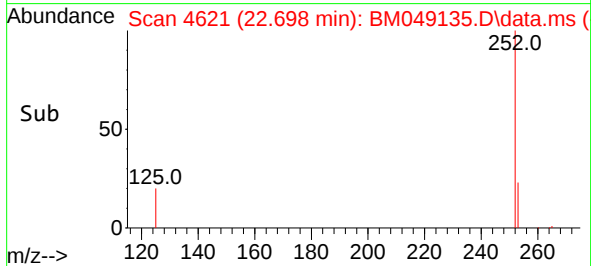
Instrument :
BNA_M
ClientSampleId :
E2900



Tgt Ion:252 Resp: 12210
Ion Ratio Lower Upper
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253 37.0 21.3 31.9
125 42.0 12.6 18.8

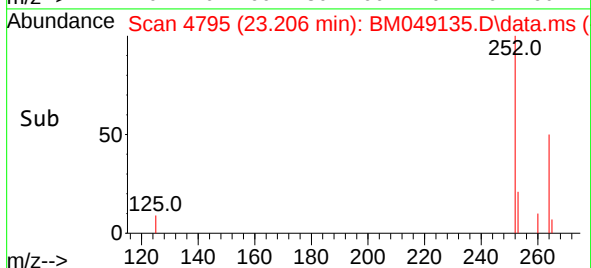
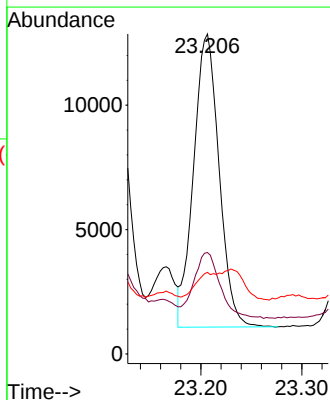
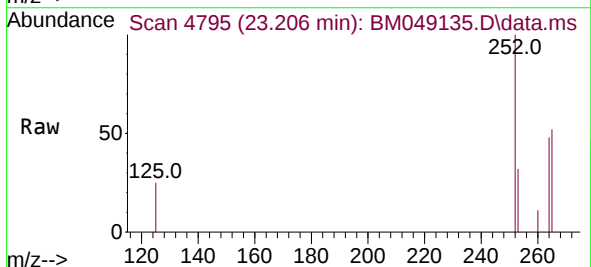
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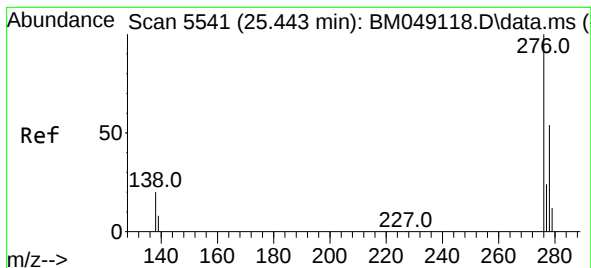
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#26
Benzo(a)pyrene
Concen: 0.210 ng/ul
RT: 23.206 min Scan# 4795
Delta R.T. -0.003 min
Lab File: BM049135.D
Acq: 21 Dec 2024 12:37

Tgt Ion:252 Resp: 20655
Ion Ratio Lower Upper
252 100
253 31.7 22.4 33.6
125 25.5 14.8 22.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.134 ng/ul

RT: 25.437 min Scan# 5539

Delta R.T. -0.010 min

Lab File: BM049135.D

Acq: 21 Dec 2024 12:37

Instrument :

BNA_M

ClientSampleId :

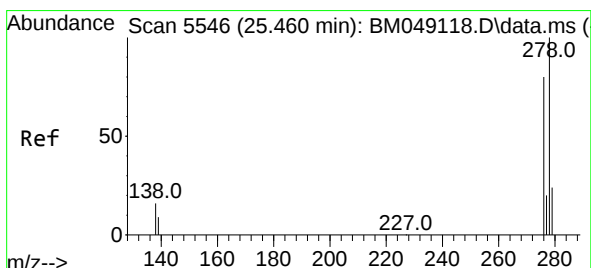
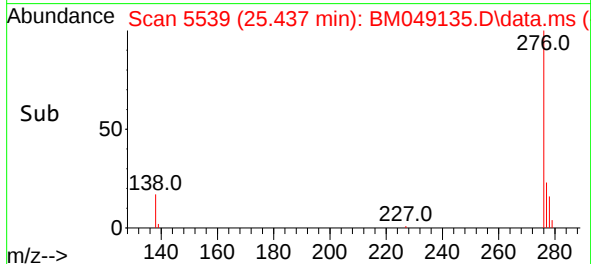
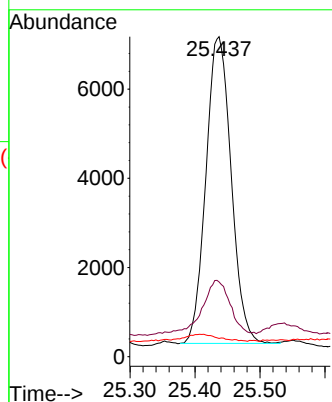
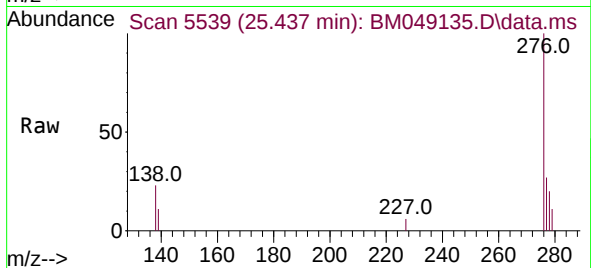
E2900

Tgt Ion:	276	Resp:	1855
Ion Ratio	Lower	Upper	
276	100		
138	20.8	17.4	26.2
227	0.0	0.2	0.2

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.038 ng/ul

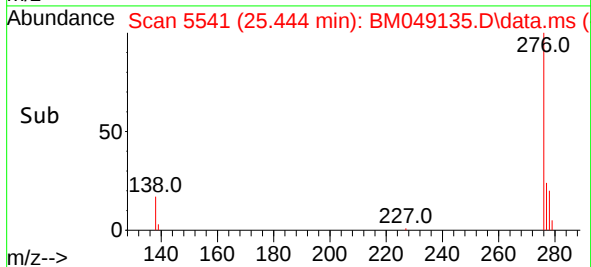
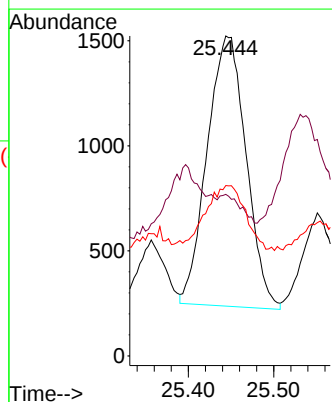
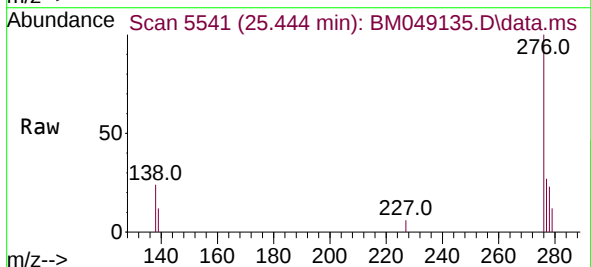
RT: 25.444 min Scan# 5541

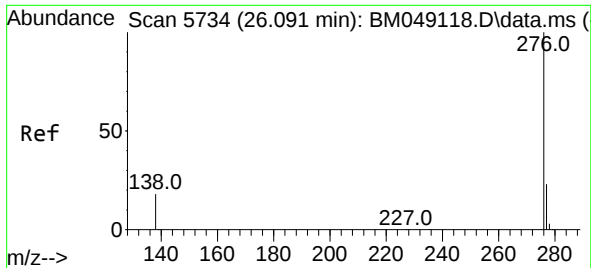
Delta R.T. -0.023 min

Lab File: BM049135.D

Acq: 21 Dec 2024 12:37

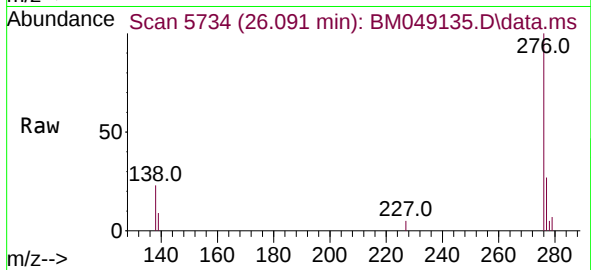
Tgt Ion:	278	Resp:	4076
Ion Ratio	Lower	Upper	
278	100		
139	50.5	13.5	20.3#
279	53.3	21.5	32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.198 ng/ul
RT: 26.091 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM049135.D
Acq: 21 Dec 2024 12:37

Instrument :
BNA_M
ClientSampleId :
E2900



Tgt Ion:276 Resp: 22124
Ion Ratio Lower Upper
276 100
138 22.8 16.7 25.1
277 27.1 19.9 29.9

Manual Integrations
APPROVED

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

