

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
 Data File : BM049226.D
 Acq On : 26 Dec 2024 15:11
 Operator : RC/JU
 Sample : P5333-13DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2915DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 26 21:58:07 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 : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	5099	0.400	ng/ul	0.00
4) Naphthalene-d8	10.308	136	15105	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.182	164	9200	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	20877	0.400	ng/ul	0.00
17) Chrysene-d12	21.135	240	19215	0.400	ng/ul	0.00
23) Perylene-d12	23.285	264	22416	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4168	0.709	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.909	152	890	0.044	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	1537	0.028	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.358	128	4980	0.132	ng/ul	96
7) 2-Methylnaphthalene	11.986	142	3245	0.135	ng/ul	98
8) 1-Methylnaphthalene	12.206	142	1525	0.062	ng/ul	97
15) Phenanthrene	16.971	178	13882	0.255	ng/ul	99
16) Anthracene	17.064	178	1597	0.032	ng/ul#	84
19) Fluoranthene	18.996	202	19570	0.282	ng/ul	99
20) Pyrene	19.359	202	19531	0.264	ng/ul	99
21) Benzo(a)anthracene	21.117	228	12158	0.182	ng/ul#	93
22) Chrysene	21.170	228	16443	0.229	ng/ul#	94
24) Benzo(b)fluoranthene	22.648	252	22983m	0.321	ng/ul	
25) Benzo(k)fluoranthene	22.686	252	8287m	0.105	ng/ul	
26) Benzo(a)pyrene	23.192	252	14632	0.213	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.417	276	12705	0.131	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.427	278	3264	0.043	ng/ul#	64
29) Benzo(g,h,i)perylene	26.068	276	14324	0.183	ng/ul	99

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

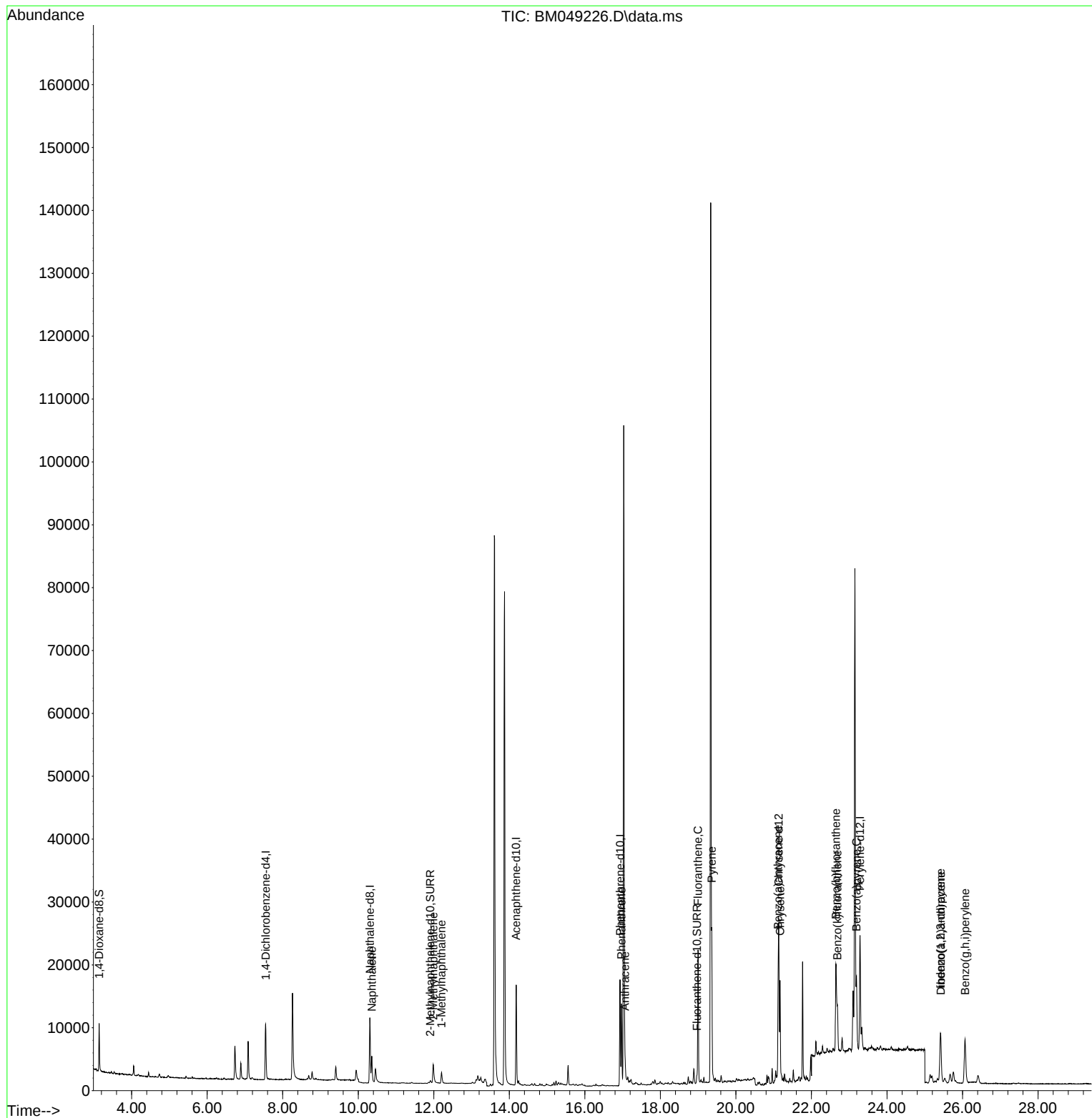
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122624\
Data File : BM049226.D
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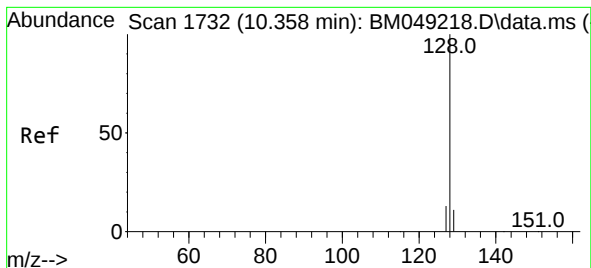
Instrument :
BNA_M
ClientSampleId :
E2915DL

Quant Time: Dec 26 21:58:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5

Naphthalene

Concen: 0.132 ng/ul

RT: 10.358 min Scan# 1732

Delta R.T. 0.000 min

Lab File: BM049226.D

Acq: 26 Dec 2024 15:11

Instrument :

BNA_M

ClientSampleId :

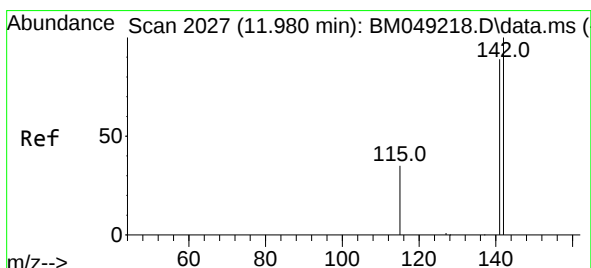
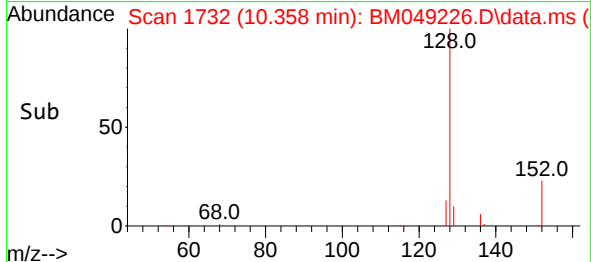
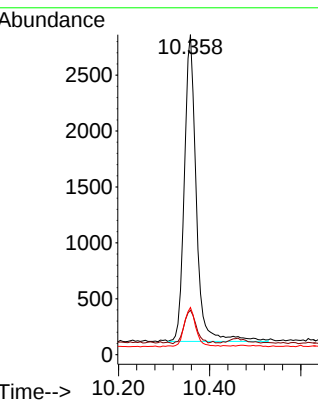
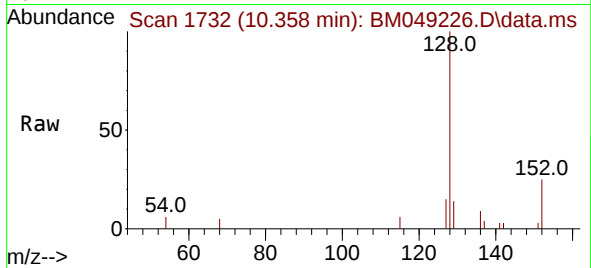
E2915DL

Tgt Ion:128	Resp:	4980
Ion Ratio	Lower	Upper
128	100	
129	13.9	9.7 14.5
127	14.7	10.6 16.0

Manual Integrations

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Supervised By :mohammad ahmed 12/30/2024



#7

2-Methylnaphthalene

Concen: 0.135 ng/ul

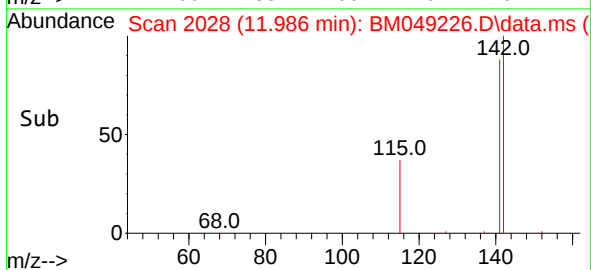
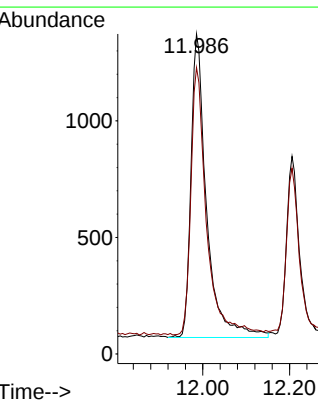
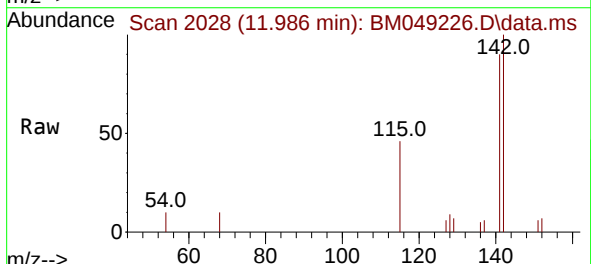
RT: 11.986 min Scan# 2028

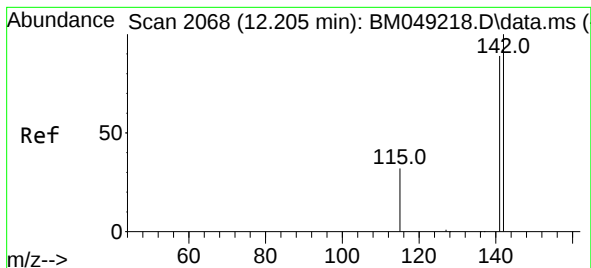
Delta R.T. 0.006 min

Lab File: BM049226.D

Acq: 26 Dec 2024 15:11

Tgt Ion:142	Resp:	3245
Ion Ratio	Lower	Upper
142	100	
141	88.1	71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.062 ng/ul

RT: 12.206 min Scan# 2068

Delta R.T. 0.000 min

Lab File: BM049226.D

Acq: 26 Dec 2024 15:11

Instrument :

BNA_M

ClientSampleId :

E2915DL

Tgt Ion:142 Resp: 152

Ion Ratio Lower Upper

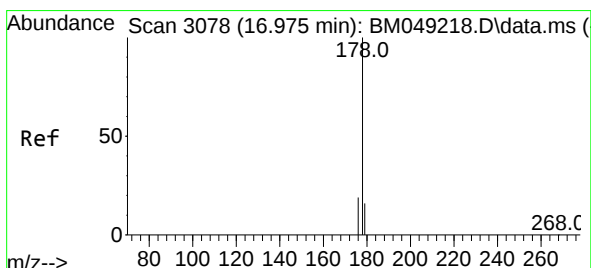
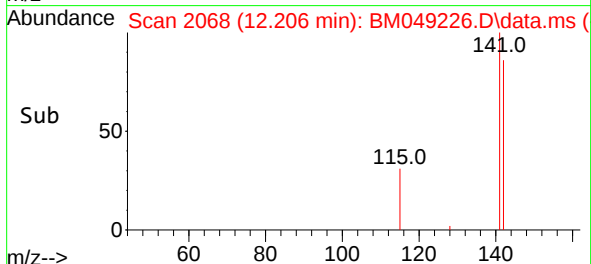
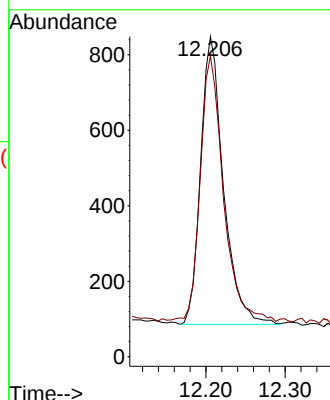
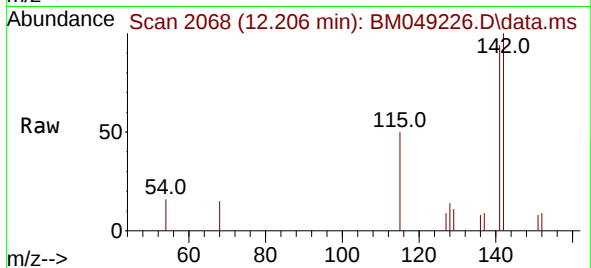
142 100

141 93.7 72.7 109.1

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#15

Phenanthrene

Concen: 0.255 ng/ul

RT: 16.971 min Scan# 3077

Delta R.T. -0.004 min

Lab File: BM049226.D

Acq: 26 Dec 2024 15:11

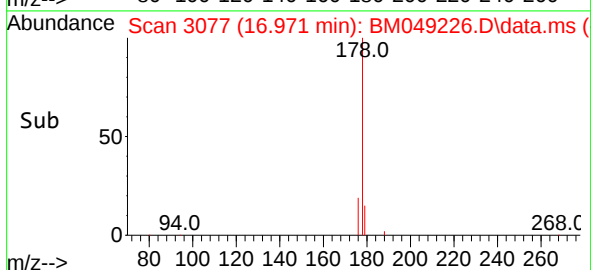
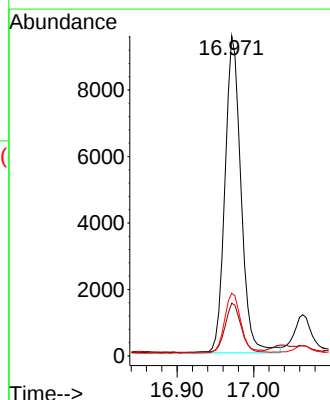
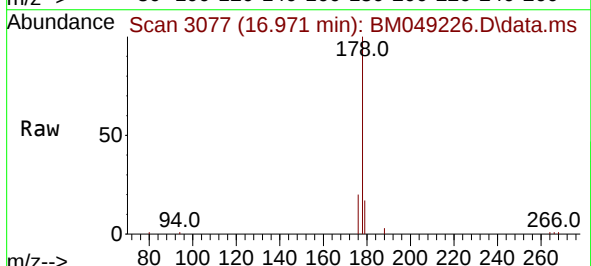
Tgt Ion:178 Resp: 13882

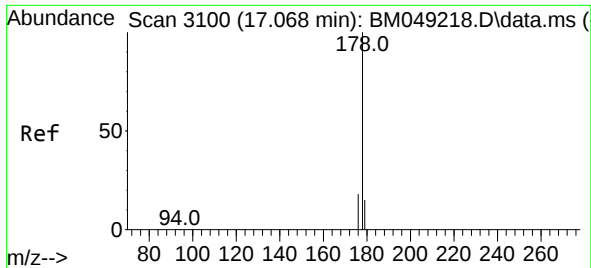
Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.4

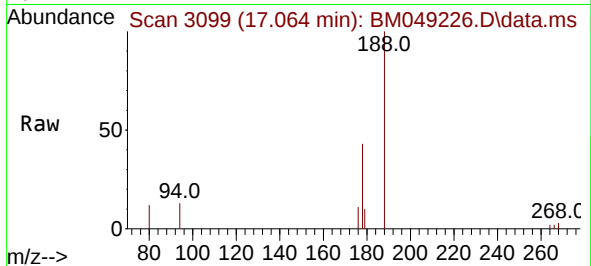
176 19.6 16.2 24.2





#16
 Anthracene
 Concen: 0.032 ng/u1
 RT: 17.064 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM049226.D
 Acq: 26 Dec 2024 15:11

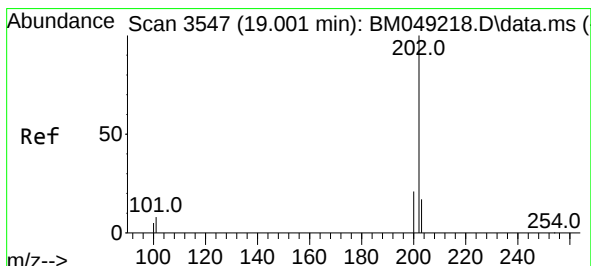
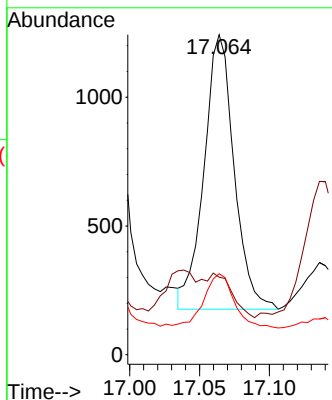
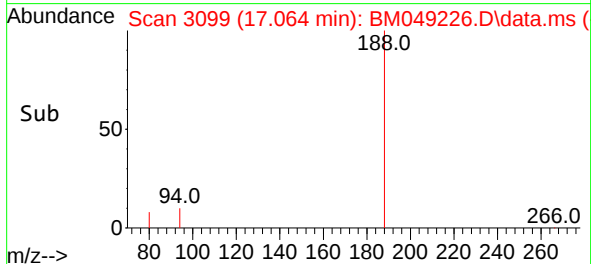
Instrument :
 BNA_M
 ClientSampleId :
 E2915DL



Tgt Ion:	178	Resp:	159
Ion Ratio	Lower	Upper	
178	100		
179	24.2	12.9	19.3
176	25.3	15.3	22.9

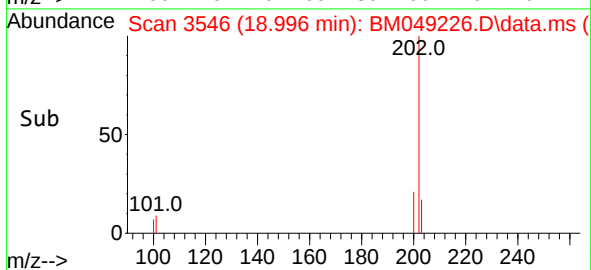
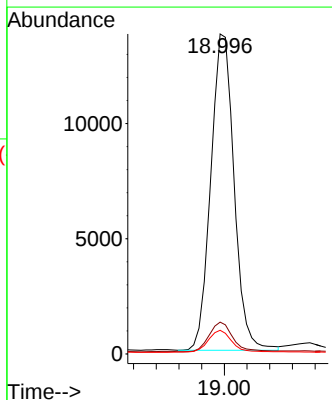
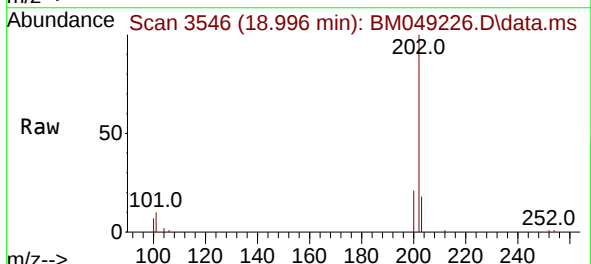
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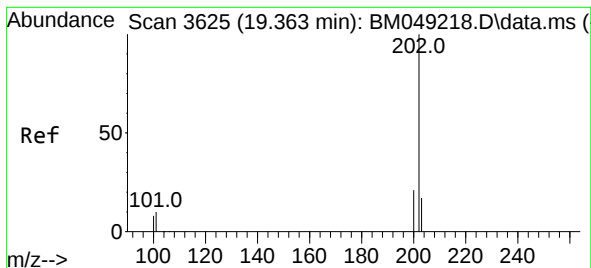
Reviewed By :Jagrut Upadhyay 12/27/2024
 Supervised By :mohammad ahmed 12/30/2024



#19
 Fluoranthene
 Concen: 0.282 ng/u1
 RT: 18.996 min Scan# 3546
 Delta R.T. -0.004 min
 Lab File: BM049226.D
 Acq: 26 Dec 2024 15:11

Tgt Ion:	202	Resp:	19570
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.6	11.4
100	7.4	5.5	8.3





#20

Pyrene

Concen: 0.264 ng/ul

RT: 19.359 min Scan# 30

Delta R.T. -0.004 min

Lab File: BM049226.D

Acq: 26 Dec 2024 15:11

Instrument :

BNA_M

ClientSampleId :

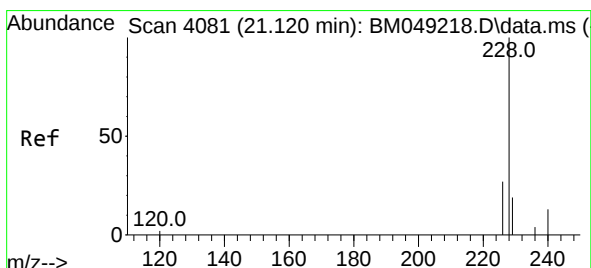
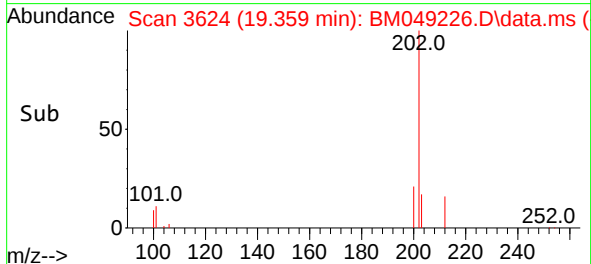
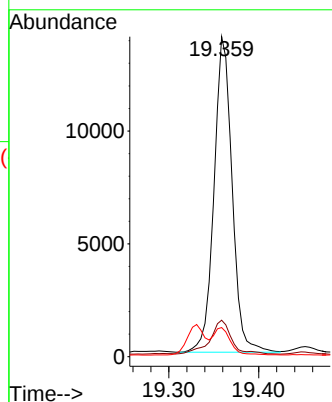
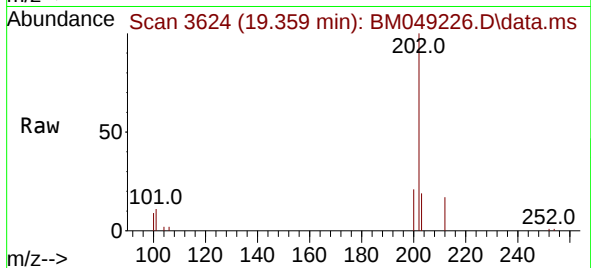
E2915DL

Tgt Ion:	202	Resp:	1953
Ion Ratio	Lower	Upper	
202	100		
101	11.4	8.9	13.3
100	9.1	6.9	10.3

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Supervised By :mohammad ahmed 12/30/2024



#21

Benzo(a)anthracene

Concen: 0.182 ng/ul

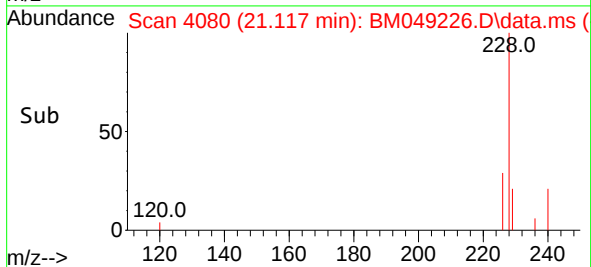
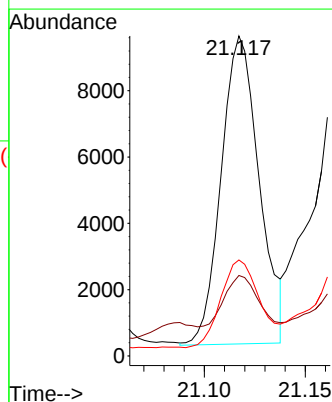
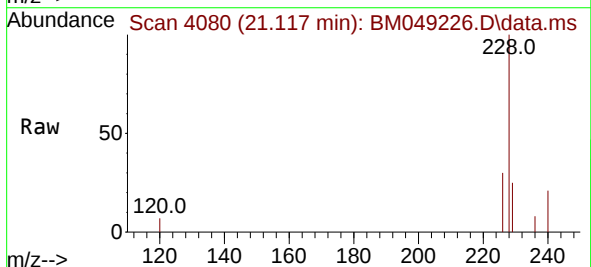
RT: 21.117 min Scan# 4080

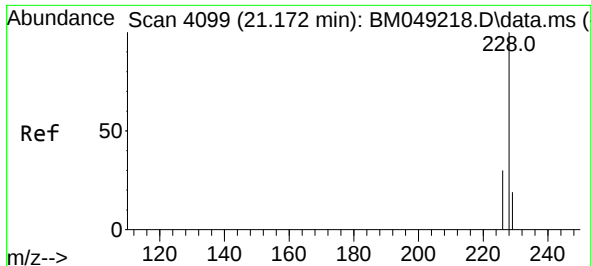
Delta R.T. -0.003 min

Lab File: BM049226.D

Acq: 26 Dec 2024 15:11

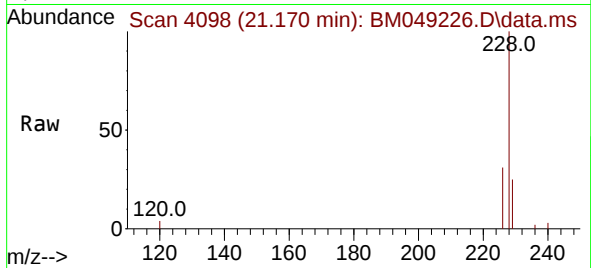
Tgt Ion:	228	Resp:	12158
Ion Ratio	Lower	Upper	
228	100		
229	25.1	15.9	23.9#
226	30.0	22.6	34.0





#22
Chrysene
Concen: 0.229 ng/ul
RT: 21.170 min Scan# 4099
Delta R.T. -0.003 min
Lab File: BM049226.D
Acq: 26 Dec 2024 15:11

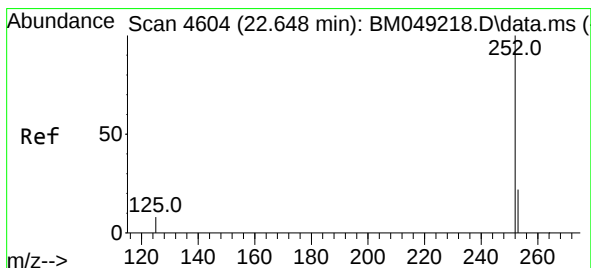
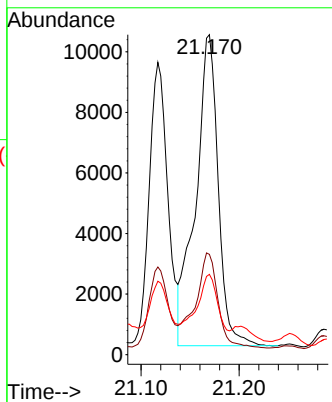
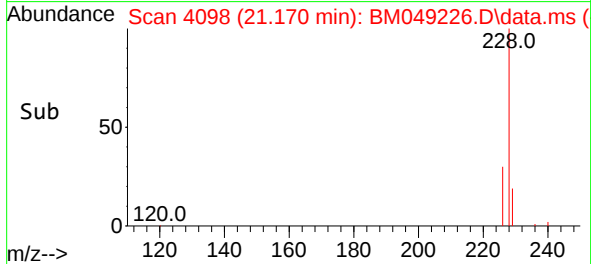
Instrument :
BNA_M
ClientSampleId :
E2915DL



Tgt Ion:228 Resp: 1644
Ion Ratio Lower Upper
228 100
226 31.4 24.1 36.1
229 25.1 15.8 23.8

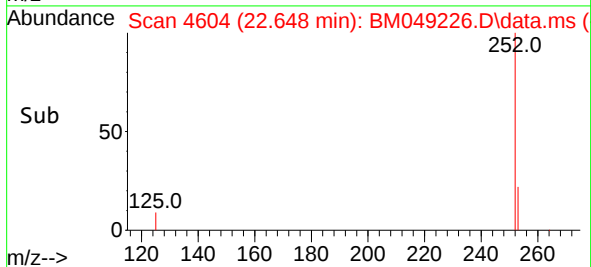
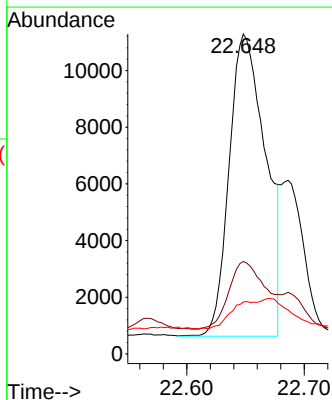
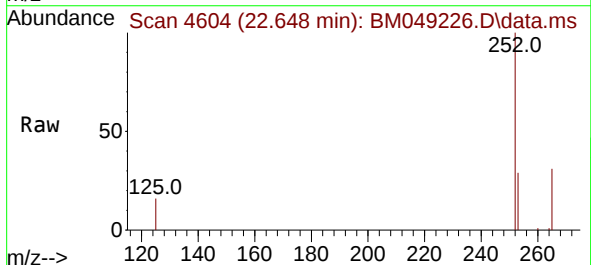
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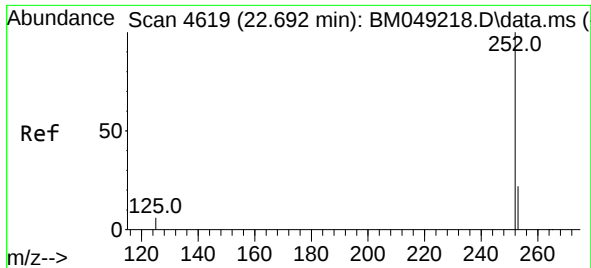
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#24
Benzo(b)fluoranthene
Concen: 0.321 ng/ul m
RT: 22.648 min Scan# 4604
Delta R.T. 0.000 min
Lab File: BM049226.D
Acq: 26 Dec 2024 15:11

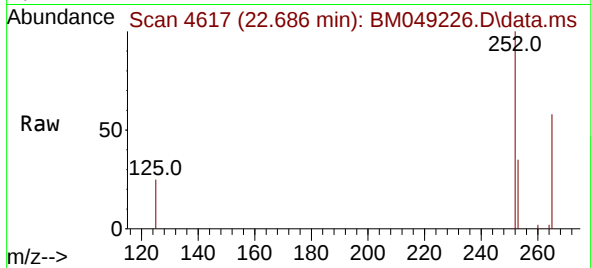
Tgt Ion:252 Resp: 22983
Ion Ratio Lower Upper
252 100
253 28.9 0.0 52.6
125 16.2 0.0 30.8





#25
Benzo(k)fluoranthene
Concen: 0.105 ng/ul m
RT: 22.686 min Scan# 4619
Delta R.T. -0.006 min
Lab File: BM049226.D
Acq: 26 Dec 2024 15:11

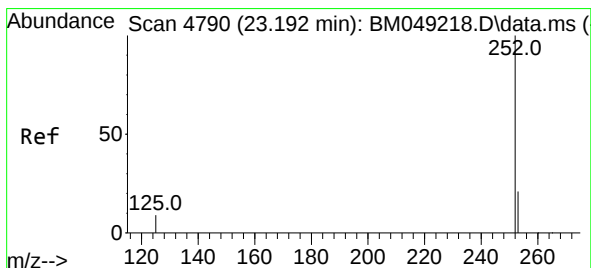
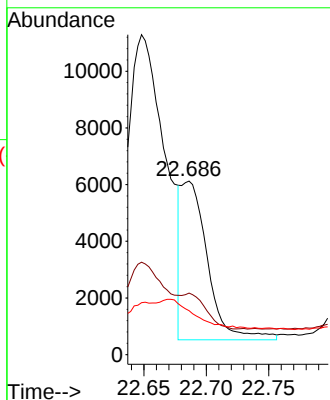
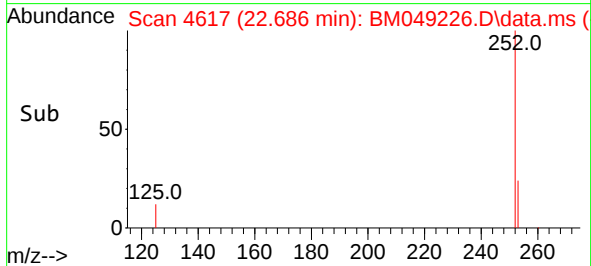
Instrument :
BNA_M
ClientSampleId :
E2915DL



Tgt Ion:252 Resp: 828
Ion Ratio Lower Upper
252 100
253 35.5 21.3 31.9
125 25.3 12.6 18.8

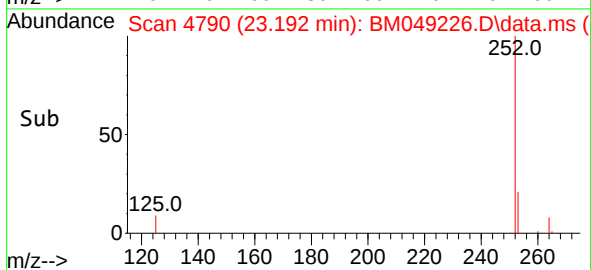
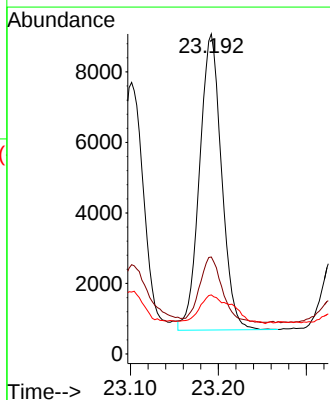
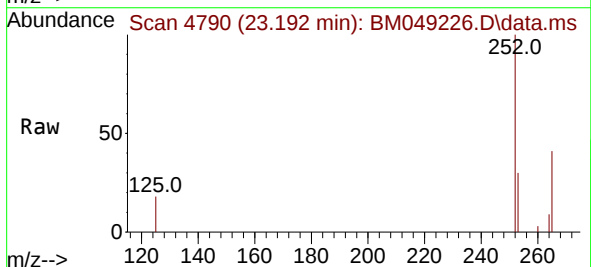
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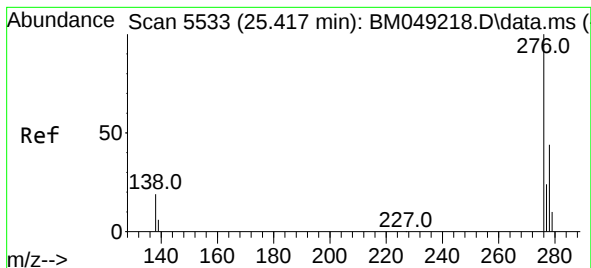
Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024



#26
Benzo(a)pyrene
Concen: 0.213 ng/ul
RT: 23.192 min Scan# 4790
Delta R.T. 0.000 min
Lab File: BM049226.D
Acq: 26 Dec 2024 15:11

Tgt Ion:252 Resp: 14632
Ion Ratio Lower Upper
252 100
253 30.3 22.4 33.6
125 18.4 14.8 22.2





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.131 ng/ul

RT: 25.417 min Scan# 5533

Delta R.T. 0.000 min

Lab File: BM049226.D

Acq: 26 Dec 2024 15:11

Instrument :

BNA_M

ClientSampleId :

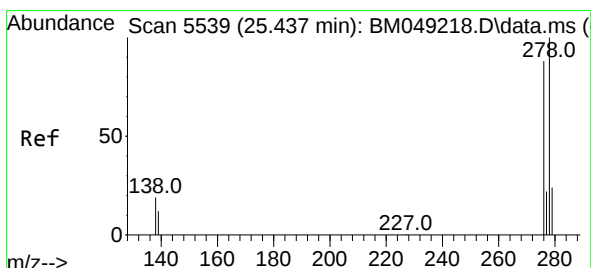
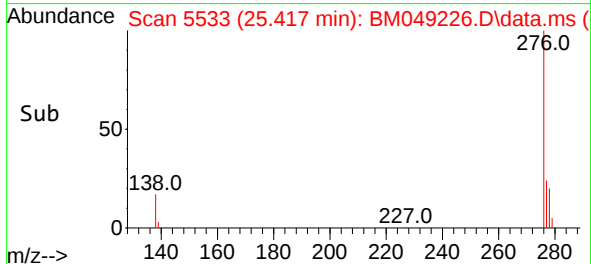
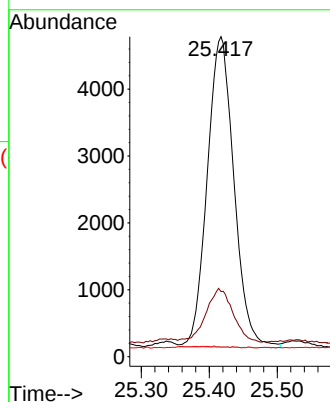
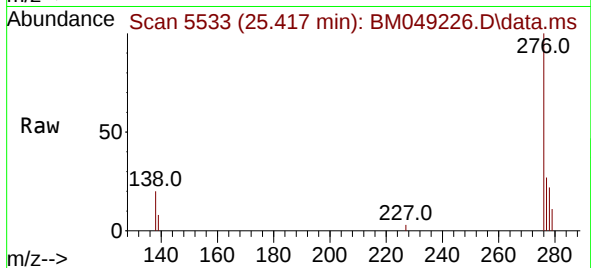
E2915DL

Tgt Ion:	276	Resp:	1270
Ion Ratio	Lower	Upper	
276	100		
138	17.6	17.4	26.2
227	0.0	0.2	0.2

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.043 ng/ul

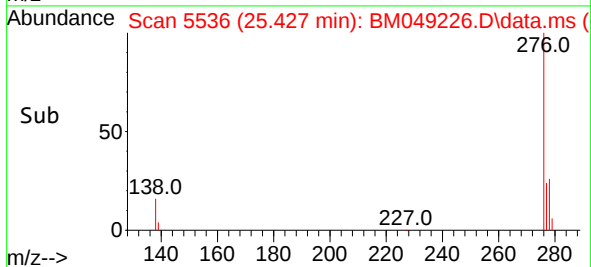
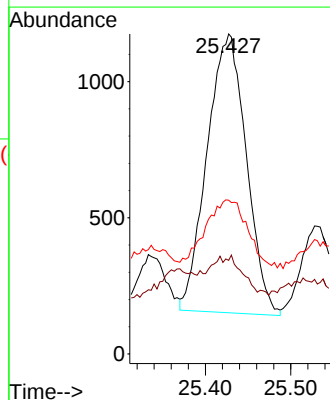
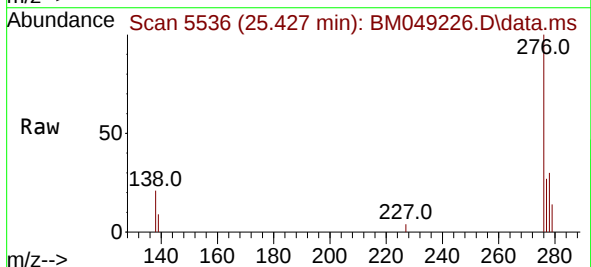
RT: 25.427 min Scan# 5536

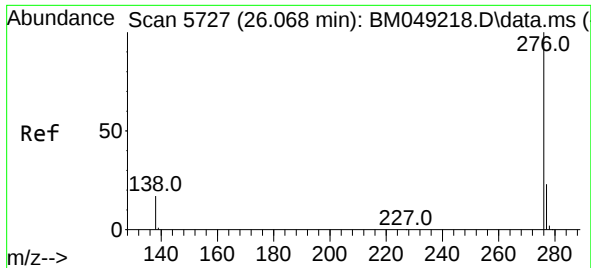
Delta R.T. -0.010 min

Lab File: BM049226.D

Acq: 26 Dec 2024 15:11

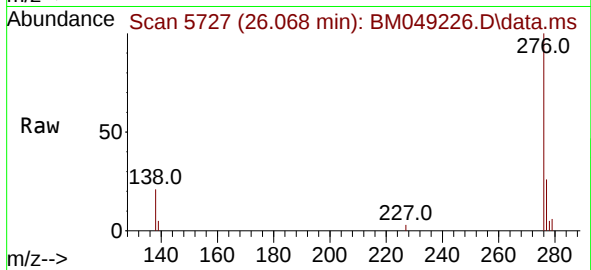
Tgt Ion:	278	Resp:	3264
Ion Ratio	Lower	Upper	
278	100		
139	29.3	13.5	20.3#
279	48.1	21.5	32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.183 ng/ul
RT: 26.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM049226.D
Acq: 26 Dec 2024 15:11

Instrument :
BNA_M
ClientSampleId :
E2915DL



Tgt Ion:276 Resp: 14324
Ion Ratio Lower Upper
276 100
138 20.6 16.7 25.1
277 25.8 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

