

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048151.D
 Acq On : 21 Oct 2024 12:47
 Operator : RC/JU
 Sample : P4389-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27J4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 21 13:20:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 19 00:48:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	6268	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.557	136	19356	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.405	164	10220	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.145	188	19578m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.341	240	13526m	0.400	ng/ul	0.00
23) Perylene-d12	23.589	264	9645m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	36275	4.257	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.157	152	10661	0.395	ng/ul	-0.04
18) Fluoranthene-d10	19.174	212	20477	0.520	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.607	128	4854	0.092	ng/ul	96
7) 2-Methylnaphthalene	12.234	142	1448	0.048	ng/ul	91
8) 1-Methylnaphthalene	12.454	142	929	0.027	ng/ul	99
15) Phenanthrene	17.188	178	1244m	0.025	ng/ul	
24) Benzo(b)fluoranthene	22.896	252	1300	0.035	ng/ul#	1
25) Benzo(k)fluoranthene	22.940	252	1118	0.025	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.993	276	1171m	0.025	ng/ul	
29) Benzo(g,h,i)perylene	26.671	276	902	0.023	ng/ul#	1

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

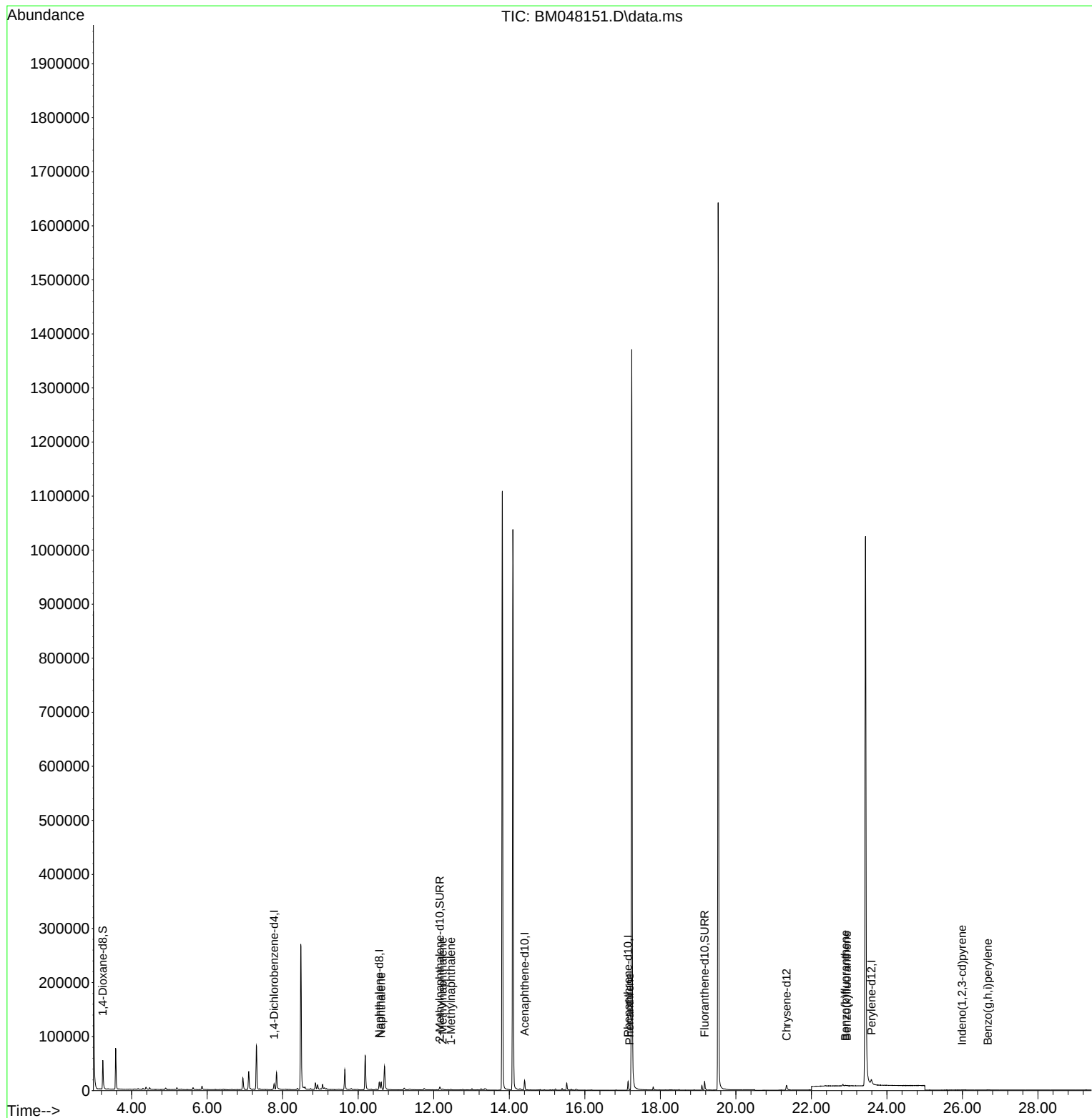
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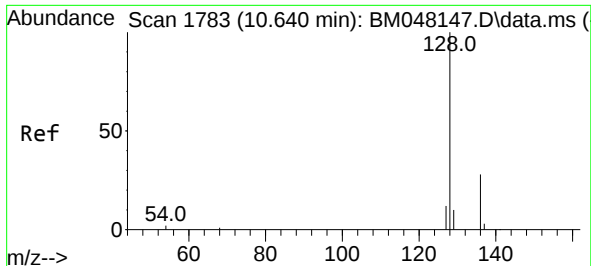
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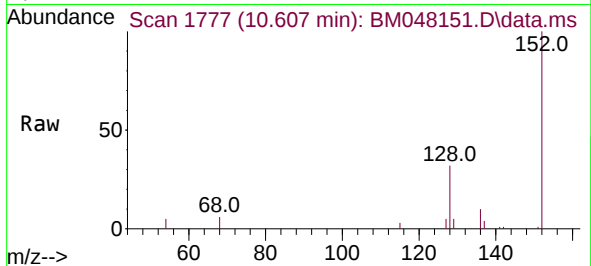
Quant Time: Oct 21 13:20:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 19 00:48:23 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.092 ng/ul
RT: 10.607 min Scan# 1777
Delta R.T. -0.032 min
Lab File: BM048151.D
Acq: 21 Oct 2024 12:47

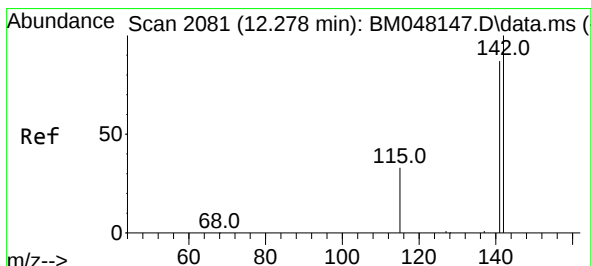
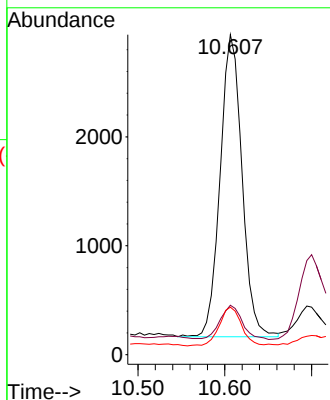
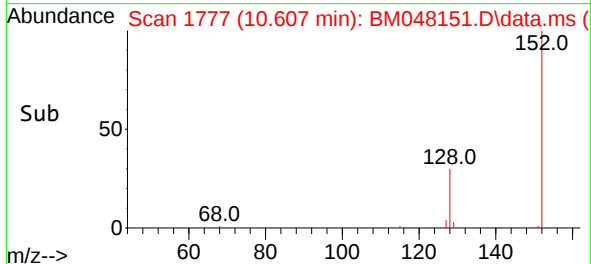
Instrument :
BNA_M
ClientSampleId :
E27J4



Tgt Ion:128 Resp: 4854
Ion Ratio Lower Upper
128 100
129 15.5 10.6 15.8
127 14.9 11.3 16.9

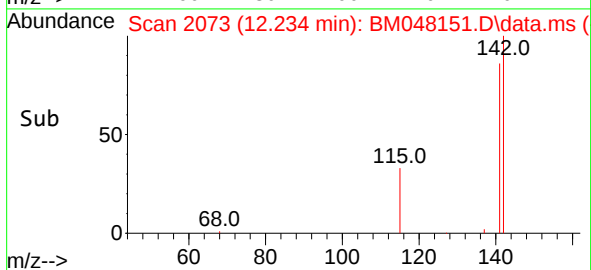
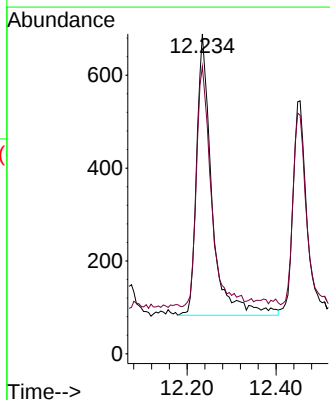
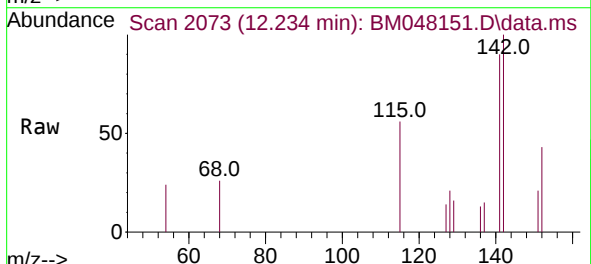
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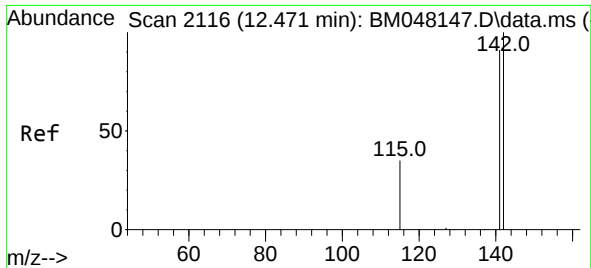
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#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.234 min Scan# 2073
Delta R.T. -0.037 min
Lab File: BM048151.D
Acq: 21 Oct 2024 12:47

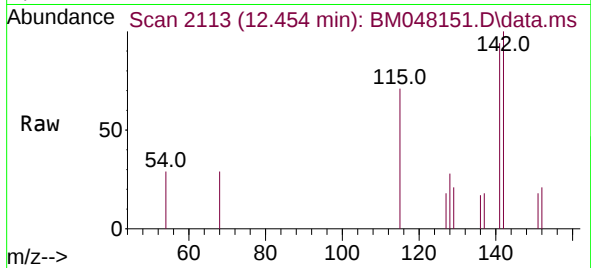
Tgt Ion:142 Resp: 1448
Ion Ratio Lower Upper
142 100
141 81.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.454 min Scan# 2113
Delta R.T. -0.015 min
Lab File: BM048151.D
Acq: 21 Oct 2024 12:47

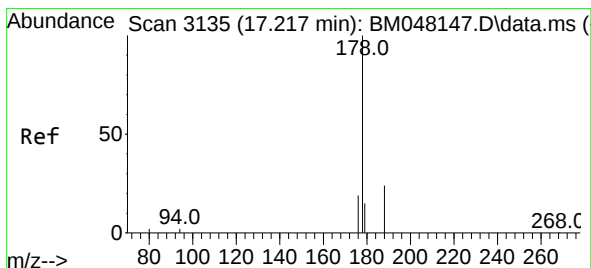
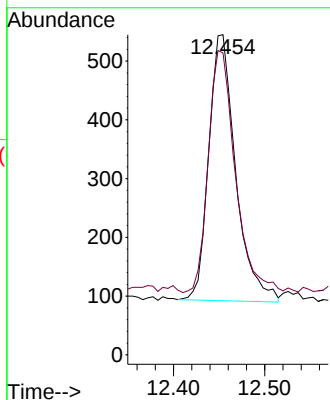
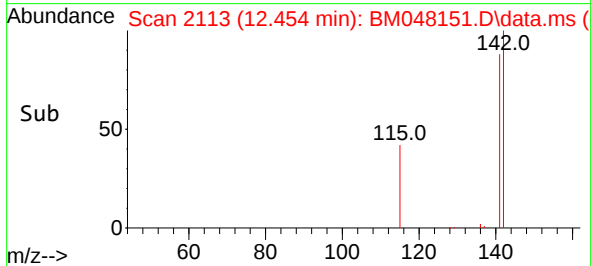
Instrument :
BNA_M
ClientSampleId :
E27J4



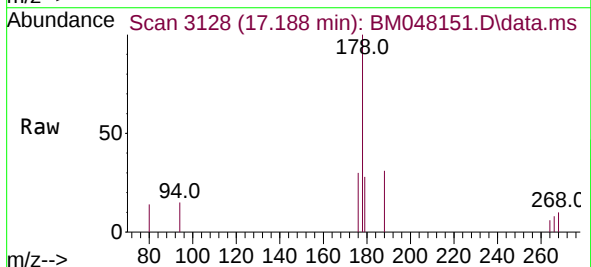
Tgt Ion:142 Resp: 929
Ion Ratio Lower Upper
142 100
141 93.0 73.8 110.6

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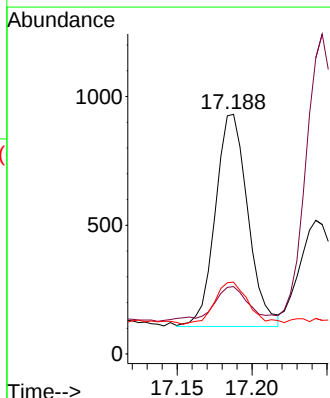
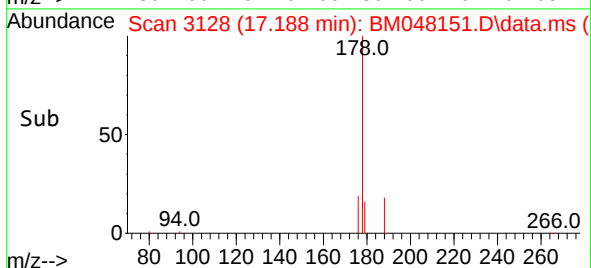
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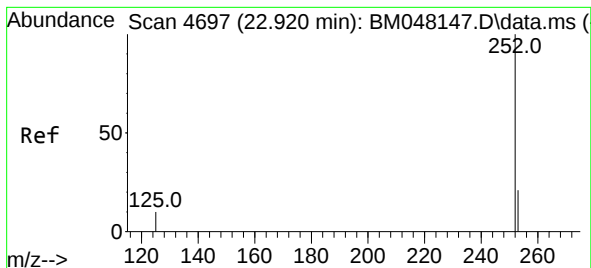


#15
Phenanthrene
Concen: 0.025 ng/ul m
RT: 17.188 min Scan# 3128
Delta R.T. -0.028 min
Lab File: BM048151.D
Acq: 21 Oct 2024 12:47



Tgt Ion:178 Resp: 1244
Ion Ratio Lower Upper
178 100
179 28.1 13.2 19.8#
176 30.0 16.0 24.0#





#24

Benzo(b)fluoranthene

Concen: 0.035 ng/ul

RT: 22.896 min Scan# 4

Delta R.T. -0.021 min

Lab File: BM048151.D

Acq: 21 Oct 2024 12:47

Instrument :

BNA_M

ClientSampleId :

E27J4

Tgt Ion:252 Resp: 1300

Ion Ratio Lower Upper

252 100

253 79.3 0.0 61.6

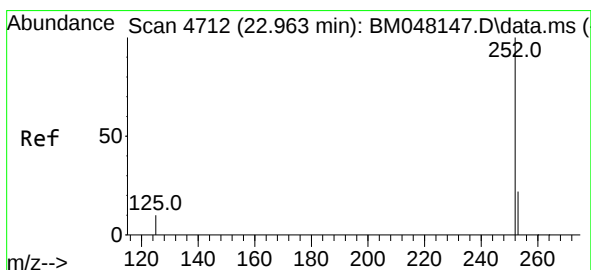
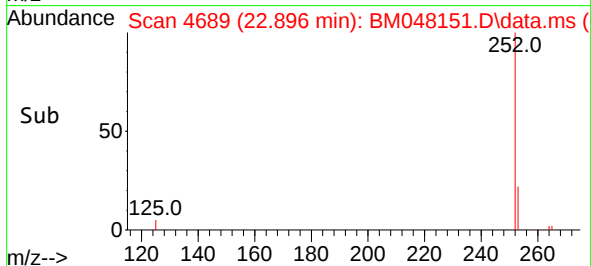
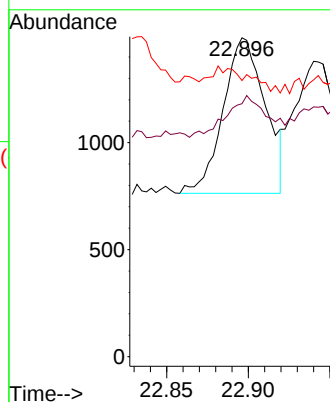
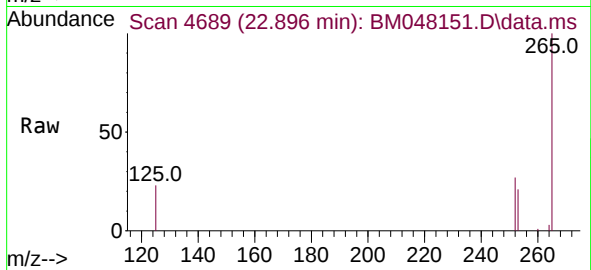
125 86.6 0.0 42.8

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#25

Benzo(k)fluoranthene

Concen: 0.025 ng/ul

RT: 22.940 min Scan# 4704

Delta R.T. -0.021 min

Lab File: BM048151.D

Acq: 21 Oct 2024 12:47

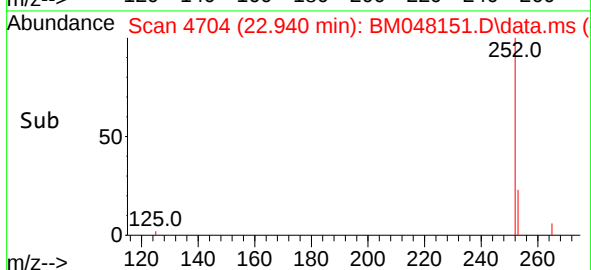
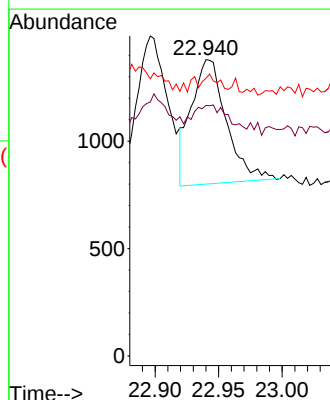
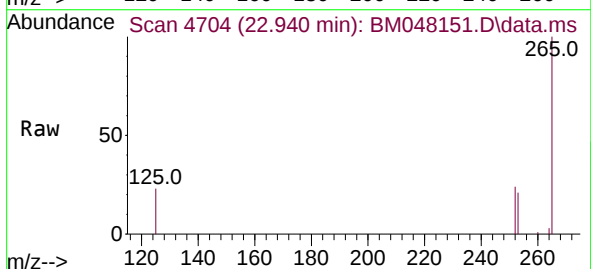
Tgt Ion:252 Resp: 1118

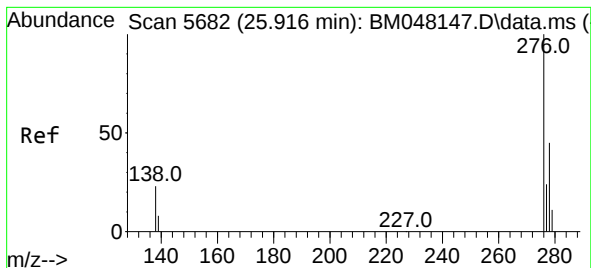
Ion Ratio Lower Upper

252 100

253 84.6 24.4 36.6

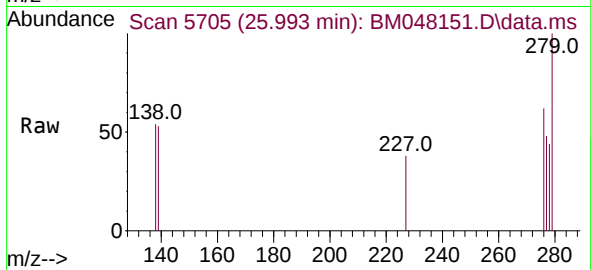
125 93.7 16.8 25.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/ul m
RT: 25.993 min Scan# 51
Delta R.T. 0.080 min
Lab File: BM048151.D
Acq: 21 Oct 2024 12:47

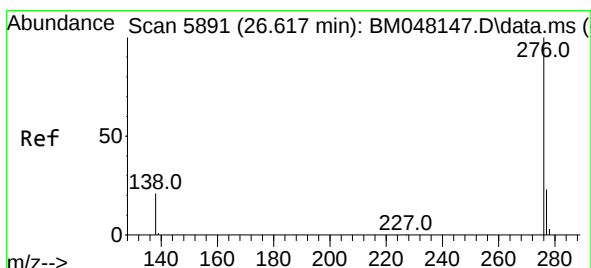
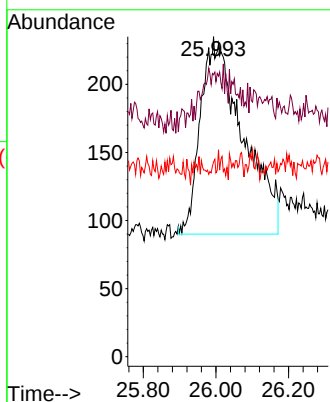
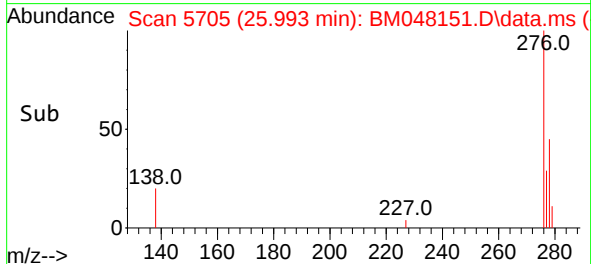
Instrument :
BNA_M
ClientSampleId :
E27J4



Tgt Ion:276 Resp: 117
Ion Ratio Lower Upper
276 100
138 3.9 20.2 30.2
227 0.4 0.0 0.0

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Supervised By :mohammad ahmed 10/23/2024



#29
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 26.671 min Scan# 5907
Delta R.T. 0.063 min
Lab File: BM048151.D
Acq: 21 Oct 2024 12:47

Tgt Ion:276 Resp: 902
Ion Ratio Lower Upper
276 100
138 89.8 20.3 30.5#
277 73.0 20.4 30.6#

