

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032547.D
 Acq On : 06 Jul 2024 15:26
 Operator : MA/JU
 Sample : P2982-12
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CF9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:45:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.586	152	6488	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.360	136	18938	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.235	164	10711	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.991	188	21216m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.211	240	19150m	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264	20419m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.135	96	29846	4.139	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.966	152	6095	0.215	ng/ul	-0.01
18) Fluoranthene-d10	19.031	212	12464	0.216	ng/ul	-0.01
Target Compounds						
10) Acenaphthylene	13.952	152	2199	0.049	ng/ul#	84
15) Phenanthrene	17.033	178	7566m	0.130	ng/ul	
16) Anthracene	17.126	178	2181m	0.042	ng/ul	
19) Fluoranthene	19.064	202	16615	0.228	ng/ul#	95
20) Pyrene	19.426	202	16989m	0.223	ng/ul	
21) Benzo(a)anthracene	21.197	228	8890	0.129	ng/ul#	92
22) Chrysene	21.246	228	8555	0.113	ng/ul#	92
24) Benzo(b)fluoranthene	22.760	252	13783m	0.155	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	4873m	0.057	ng/ul	
26) Benzo(a)pyrene	23.324	252	9360	0.152	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.670	276	7489	0.077	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.666	278	1663	0.023	ng/ul#	1
29) Benzo(g,h,i)perylene	26.357	276	7394	0.096	ng/ul#	82

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

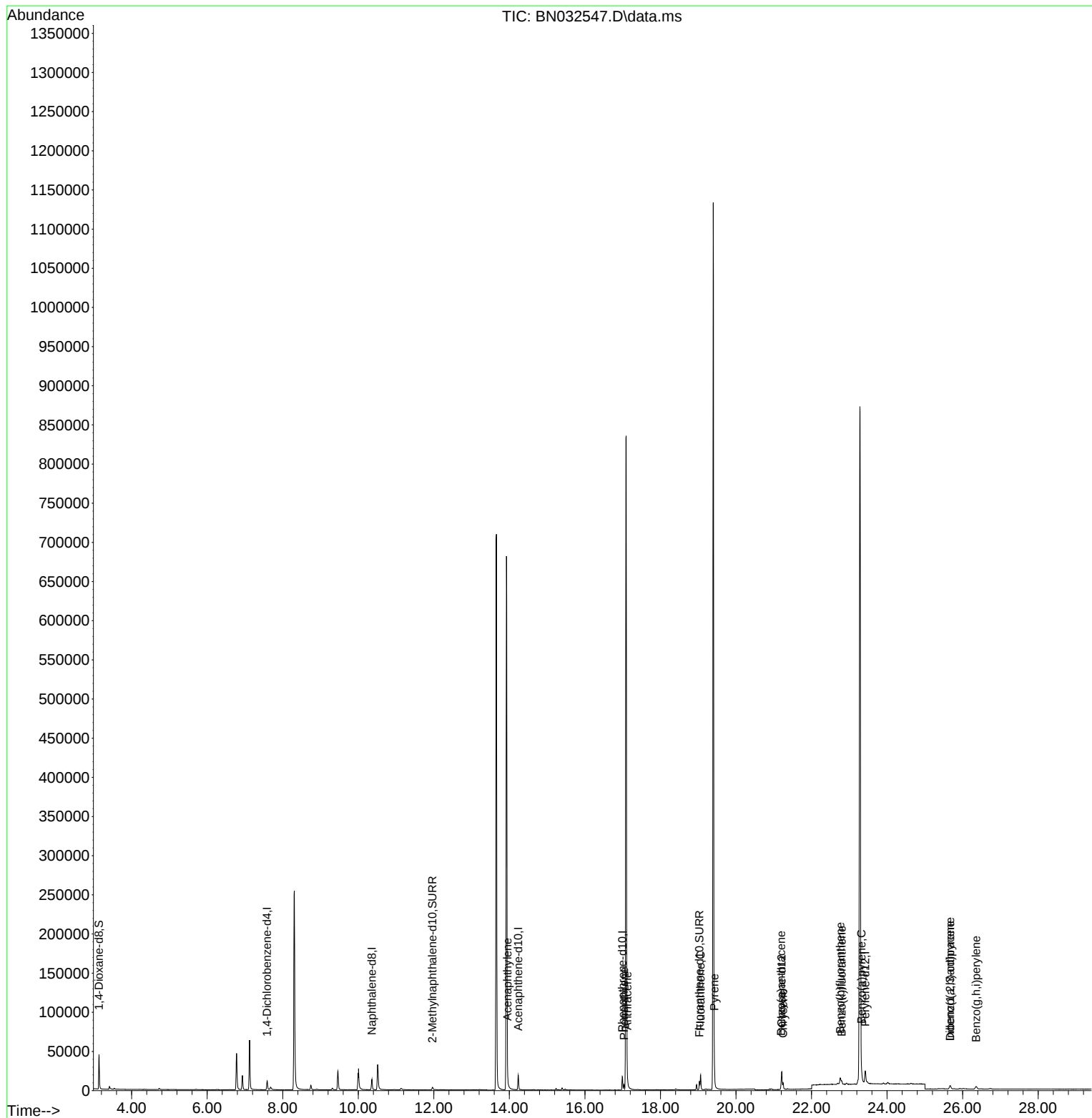
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032547.D
Acq On : 06 Jul 2024 15:26
Operator : MA/JU
Sample : P2982-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

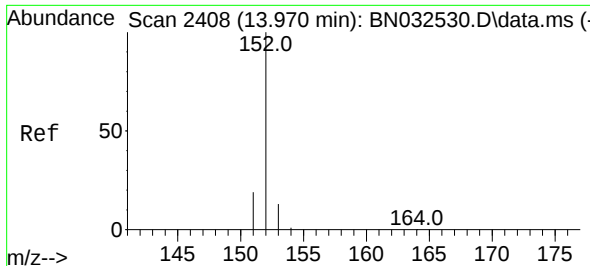
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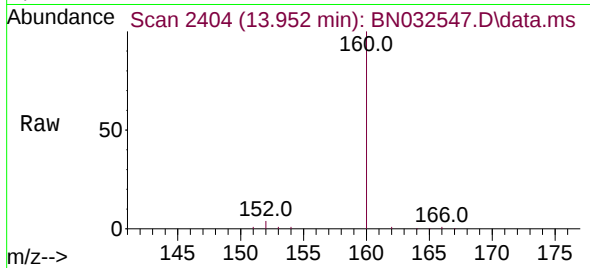
Quant Time: Jul 07 23:45:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 13.952 min Scan# 2404
Delta R.T. -0.019 min
Lab File: BN032547.D
Acq: 06 Jul 2024 15:26

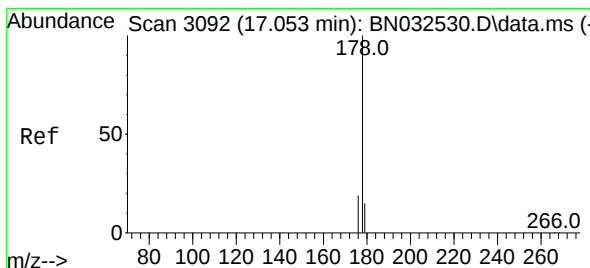
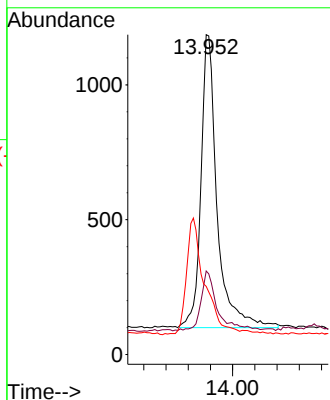
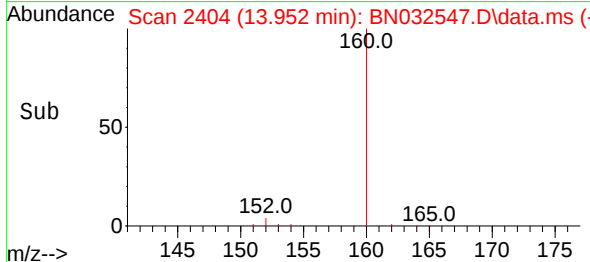
Instrument :
BNA_N
ClientSampleId :
A4CF9



Tgt Ion:152 Resp: 2199
Ion Ratio Lower Upper
152 100
151 26.1 15.7 23.5
153 21.3 10.9 16.3

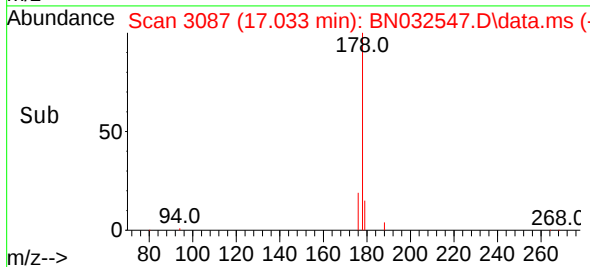
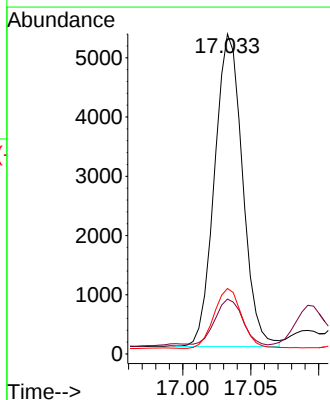
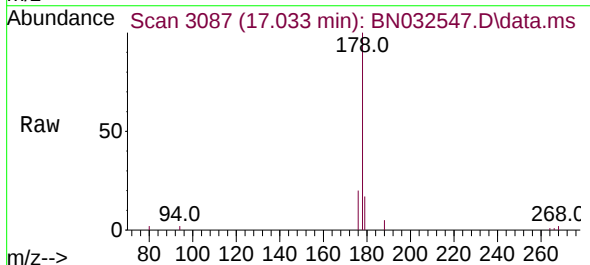
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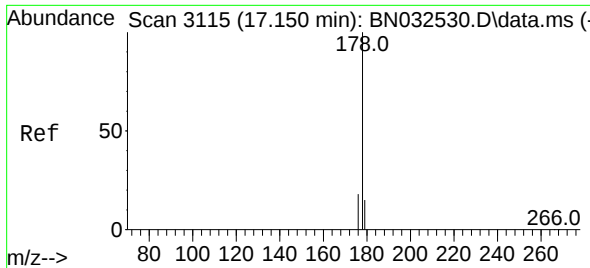
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#15
Phenanthrene
Concen: 0.130 ng/ul m
RT: 17.033 min Scan# 3087
Delta R.T. -0.017 min
Lab File: BN032547.D
Acq: 06 Jul 2024 15:26

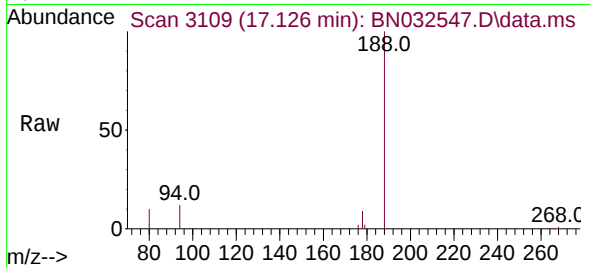
Tgt Ion:178 Resp: 7566
Ion Ratio Lower Upper
178 100
179 17.2 12.6 18.8
176 20.5 15.6 23.4





#16
Anthracene
Concen: 0.042 ng/ul m
RT: 17.126 min Scan# 3109
Delta R.T. -0.017 min
Lab File: BN032547.D
Acq: 06 Jul 2024 15:26

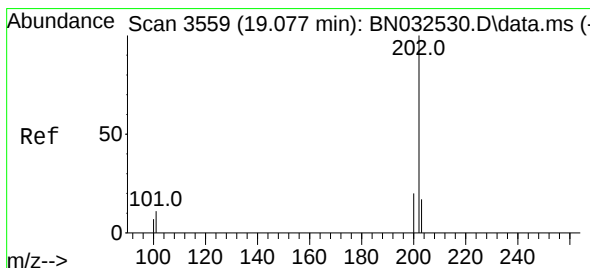
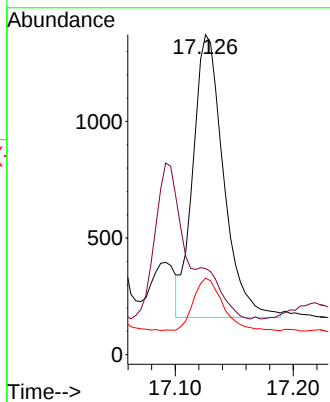
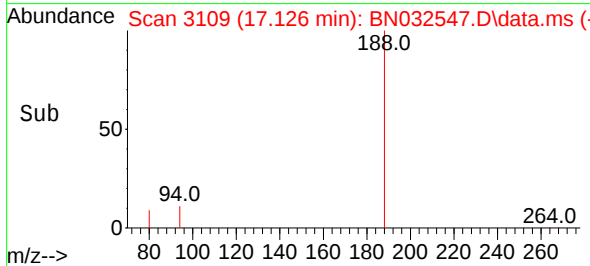
Instrument :
BNA_N
ClientSampleId :
A4CF9



Tgt Ion:178 Resp: 218
Ion Ratio Lower Upper
178 100
179 26.9 12.5 18.7
176 23.9 15.0 22.6

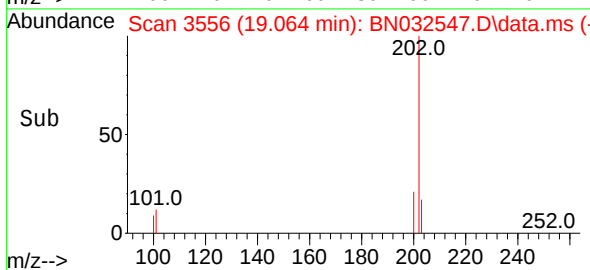
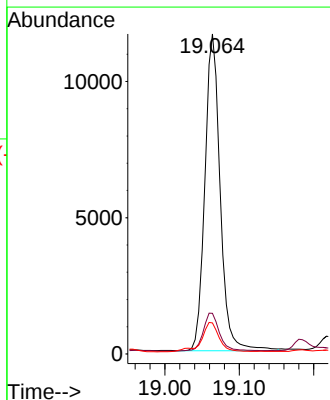
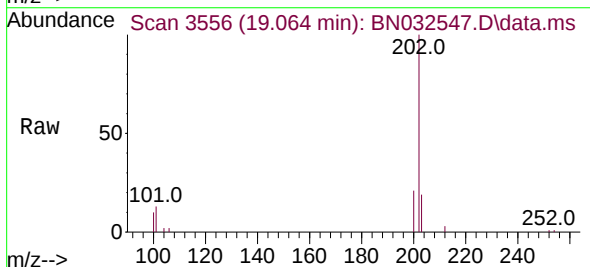
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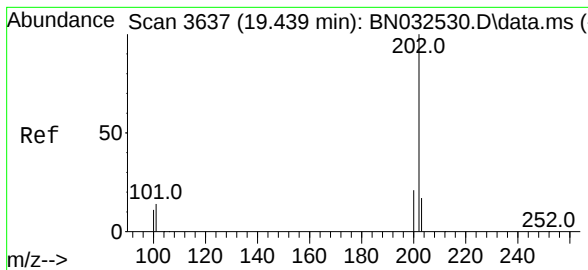
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#19
Fluoranthene
Concen: 0.228 ng/ul
RT: 19.064 min Scan# 3556
Delta R.T. -0.009 min
Lab File: BN032547.D
Acq: 06 Jul 2024 15:26

Tgt Ion:202 Resp: 16615
Ion Ratio Lower Upper
202 100
101 12.7 8.8 13.2
100 9.7 6.4 9.6





#20

Pyrene

Concen: 0.223 ng/ul m

RT: 19.426 min Scan# 3637

Delta R.T. -0.014 min

Lab File: BN032547.D

Acq: 06 Jul 2024 15:26

Instrument :

BNA_N

ClientSampleId :

A4CF9

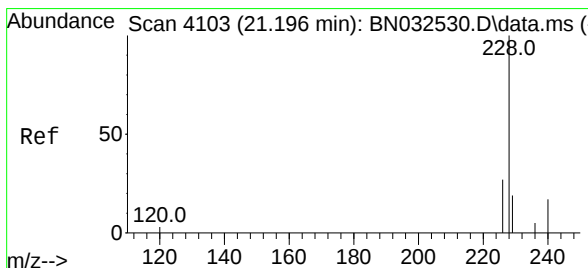
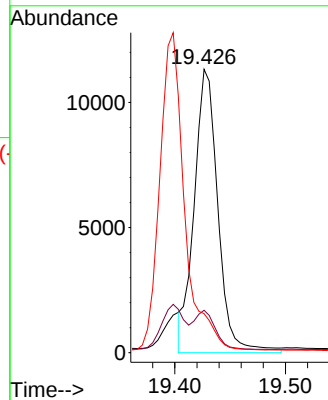
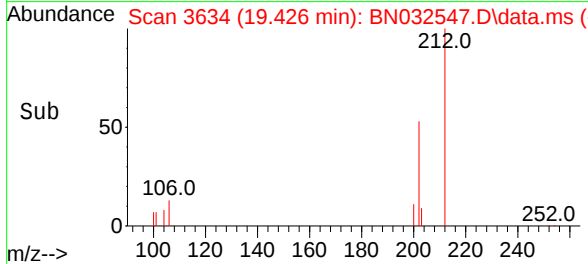
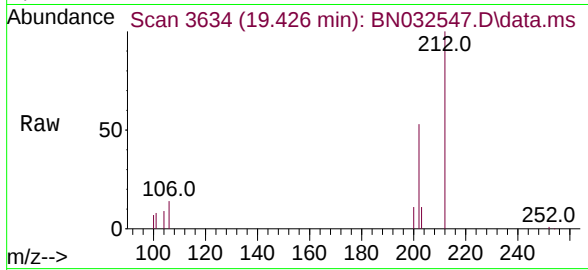
Tgt Ion:202	Resp:	1698
Ion Ratio	Lower	Upper
202	100	
101	15.0	11.0 16.4
100	13.7	8.7 13.1

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#21

Benzo(a)anthracene

Concen: 0.129 ng/ul

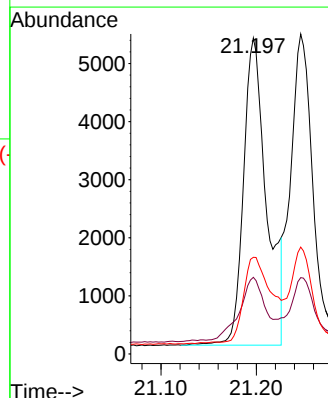
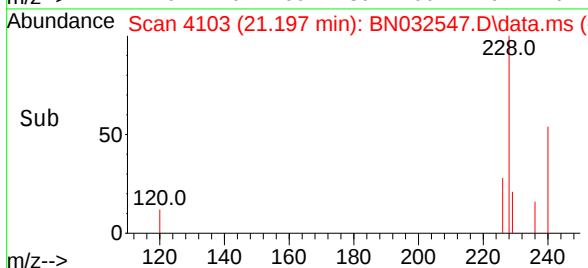
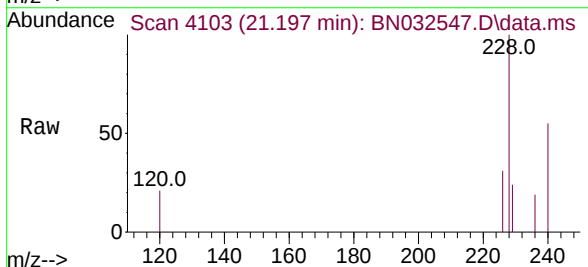
RT: 21.197 min Scan# 4103

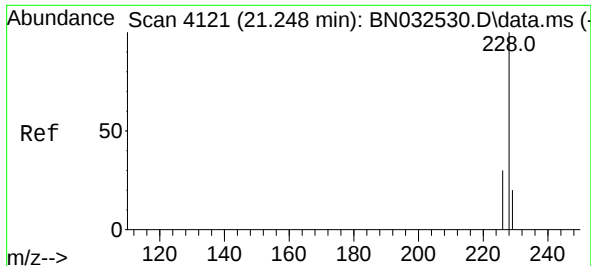
Delta R.T. 0.006 min

Lab File: BN032547.D

Acq: 06 Jul 2024 15:26

Tgt Ion:228	Resp:	8890
Ion Ratio	Lower	Upper
228	100	
229	24.3	15.7 23.5
226	30.6	21.8 32.8





#22

Chrysene

Concen: 0.113 ng/ul

RT: 21.246 min Scan# 4121

Delta R.T. 0.003 min

Lab File: BN032547.D

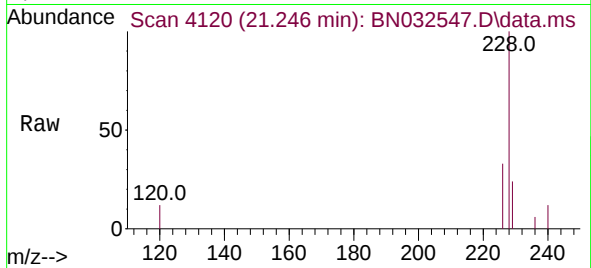
Acq: 06 Jul 2024 15:26

Instrument :

BNA_N

ClientSampleId :

A4CF9



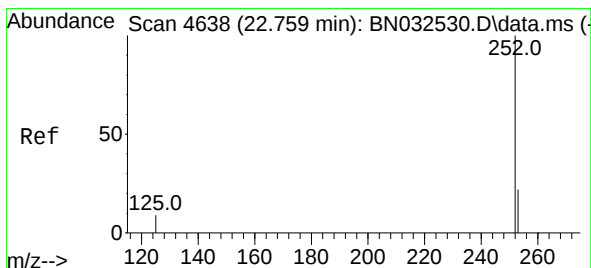
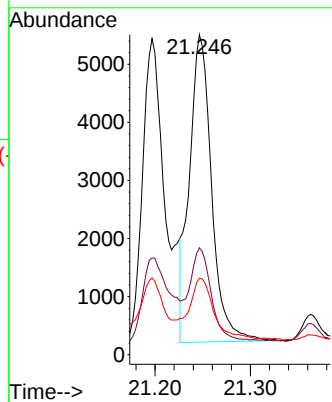
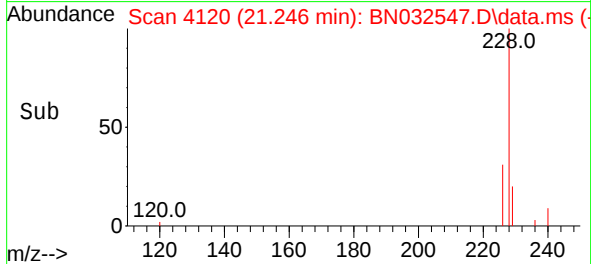
Tgt Ion:	228	Resp:	855
Ion Ratio	Lower	Upper	
228	100		
226	33.4	23.6	35.4
229	23.9	15.7	23.5

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#24

Benzo(b)fluoranthene

Concen: 0.155 ng/ul m

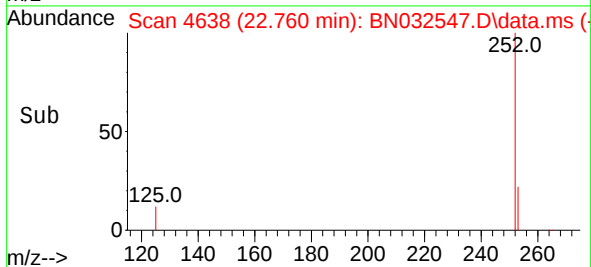
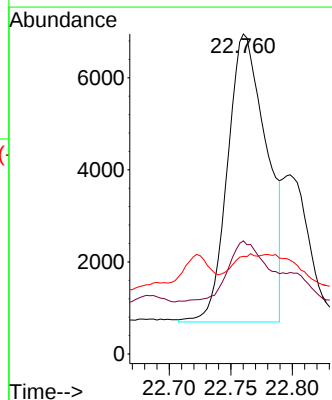
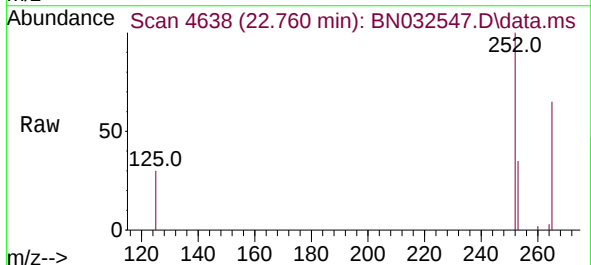
RT: 22.760 min Scan# 4638

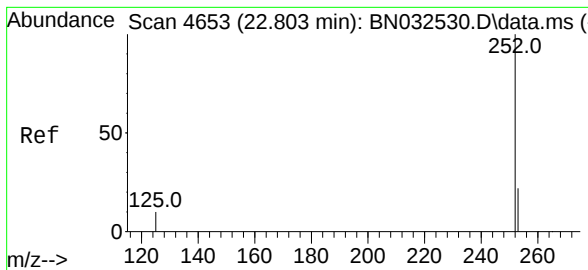
Delta R.T. 0.003 min

Lab File: BN032547.D

Acq: 06 Jul 2024 15:26

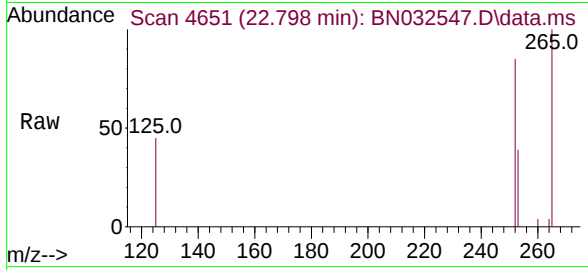
Tgt Ion:	252	Resp:	13783
Ion Ratio	Lower	Upper	
252	100		
253	35.4	0.0	50.2
125	30.5	0.0	32.0





#25
Benzo(k)fluoranthene
Concen: 0.057 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.003 min
Lab File: BN032547.D
Acq: 06 Jul 2024 15:26

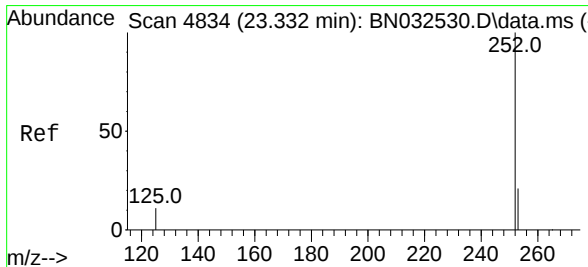
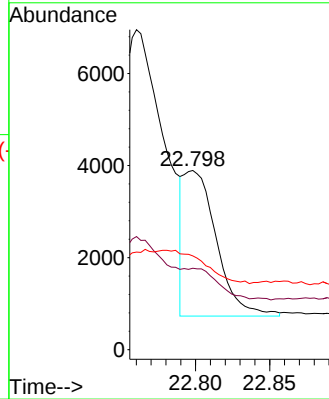
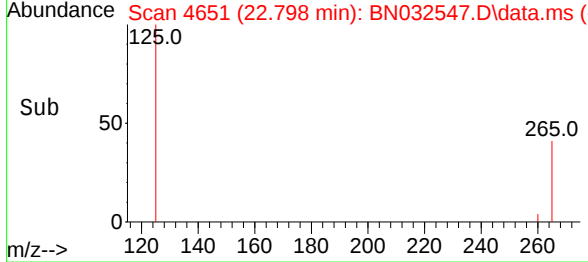
Instrument :
BNA_N
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A4CF9



Tgt Ion:252 Resp: 4873
Ion Ratio Lower Upper
252 100
253 45.5 20.3 30.5#
125 52.3 12.8 19.2#

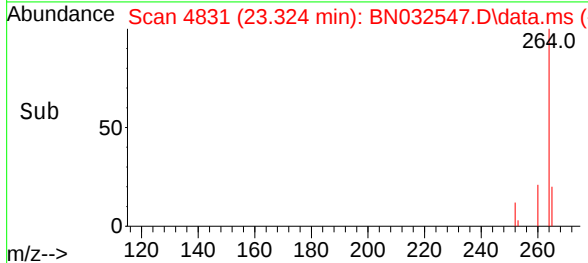
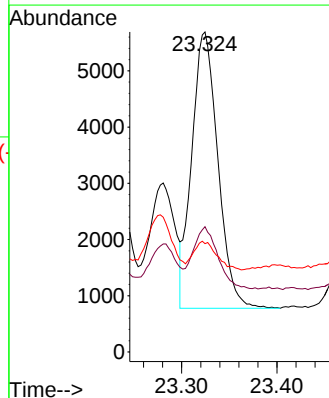
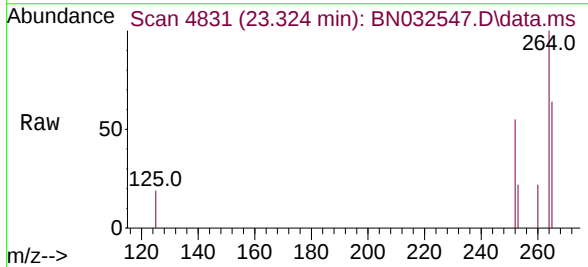
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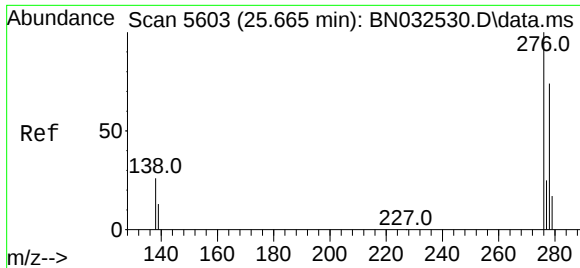
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#26
Benzo(a)pyrene
Concen: 0.152 ng/ul
RT: 23.324 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BN032547.D
Acq: 06 Jul 2024 15:26

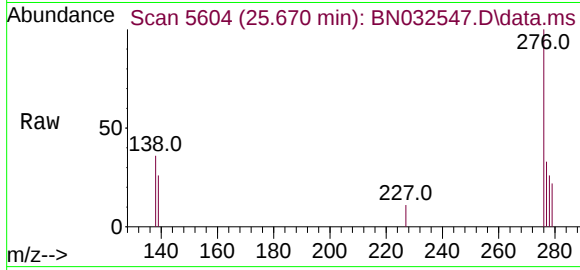
Tgt Ion:252 Resp: 9360
Ion Ratio Lower Upper
252 100
253 39.2 22.2 33.2#
125 33.8 16.4 24.6#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.077 ng/ul
RT: 25.670 min Scan# 5604
Delta R.T. 0.010 min
Lab File: BN032547.D
Acq: 06 Jul 2024 15:26

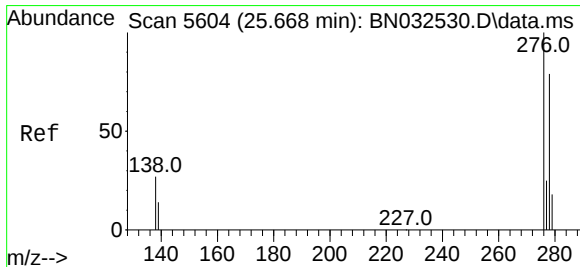
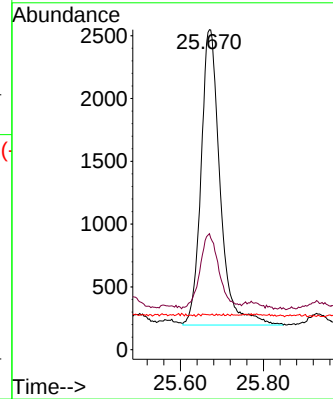
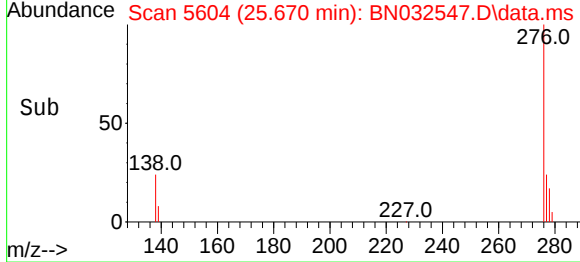
Instrument :
BNA_N
ClientSampleId :
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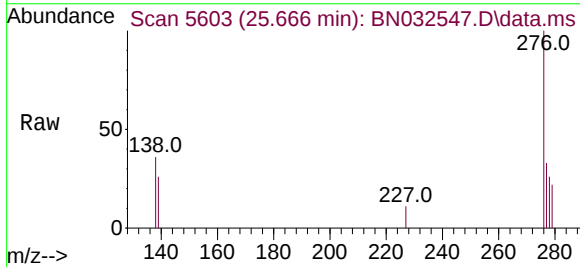
Tgt Ion:276 Resp: 7489
Ion Ratio Lower Upper
276 100
138 25.5 21.3 31.9
227 0.3 0.1 0.1

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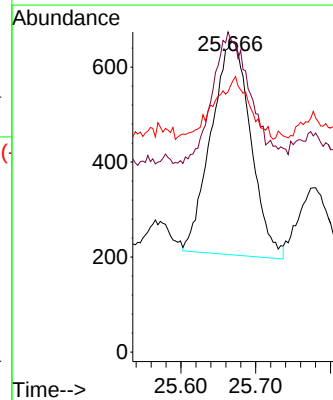
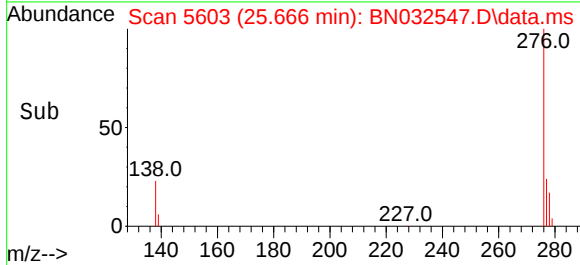
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

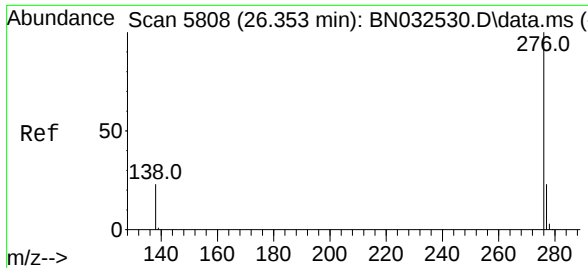


#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 25.666 min Scan# 5603
Delta R.T. 0.000 min
Lab File: BN032547.D
Acq: 06 Jul 2024 15:26



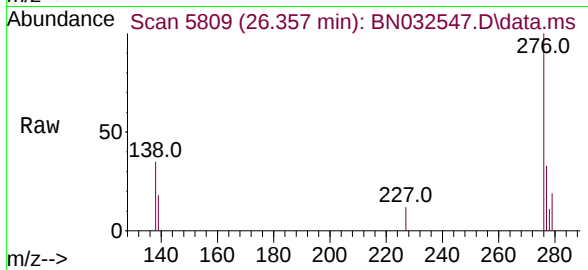
Tgt Ion:278 Resp: 1663
Ion Ratio Lower Upper
278 100
139 100.8 15.9 23.9#
279 85.8 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.096 ng/ul
 RT: 26.357 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: BN032547.D
 Acq: 06 Jul 2024 15:26

Instrument :
 BNA_N
 ClientSampleId :
 A4CF9



Tgt Ion:	276	Resp:	7394
Ion Ratio	Lower	Upper	
276	100		
138	34.9	19.8	29.6
277	33.0	19.8	29.6

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 Supervised By :mohammad ahmed 07/08/2024

