

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032546.D
 Acq On : 06 Jul 2024 14:49
 Operator : MA/JU
 Sample : P2982-20
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BC2

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 23:45:45 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	6415	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.360	136	18890	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.235	164	10512	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.991	188	20741m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.211	240	18545m	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264	20072m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.135	96	23971	3.362	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.966	152	5438	0.192	ng/ul	-0.01
18) Fluoranthene-d10	19.031	212	11530	0.207	ng/ul	-0.01
Target Compounds						
10) Acenaphthylene	13.952	152	1298	0.030	ng/ul#	74
15) Phenanthrene	17.033	178	2968m	0.052	ng/ul	
19) Fluoranthene	19.064	202	8600	0.122	ng/ul#	93
20) Pyrene	19.426	202	8733m	0.118	ng/ul	
21) Benzo(a)anthracene	21.197	228	7377	0.110	ng/ul#	88
22) Chrysene	21.247	228	6127	0.083	ng/ul#	89
24) Benzo(b)fluoranthene	22.757	252	10981m	0.126	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	3767m	0.044	ng/ul	
26) Benzo(a)pyrene	23.322	252	8152	0.134	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	25.670	276	5658	0.060	ng/ul#	97
29) Benzo(g,h,i)perylene	26.354	276	5633	0.074	ng/ul#	73

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

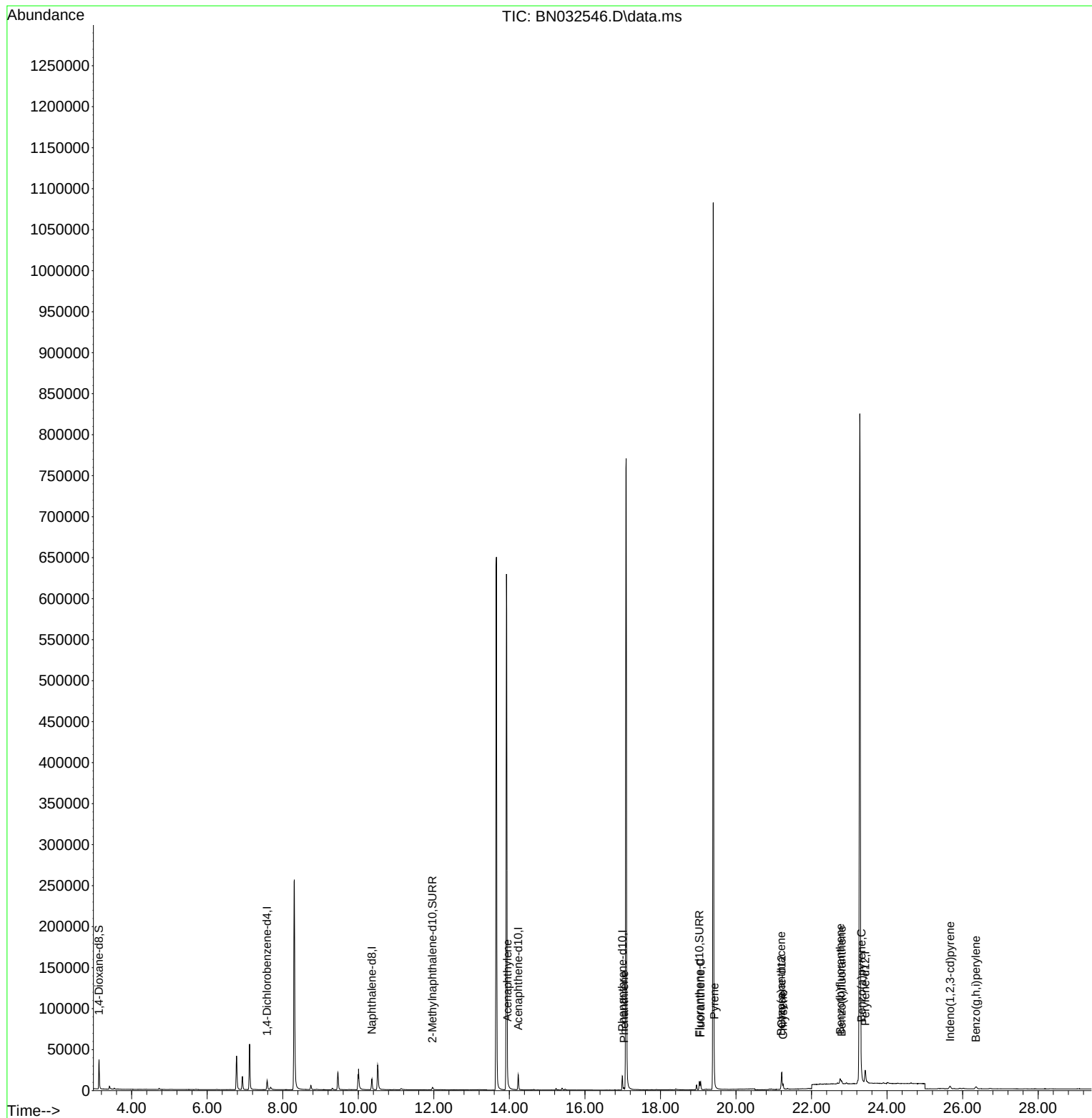
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032546.D
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Misc :
ALS Vial : 47 Sample Multiplier: 1

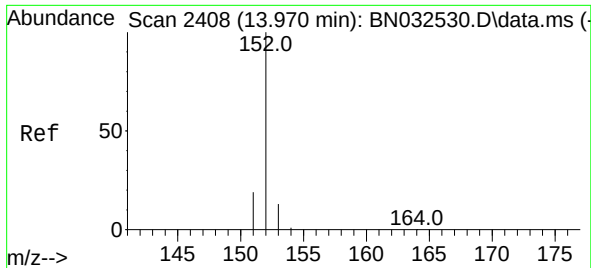
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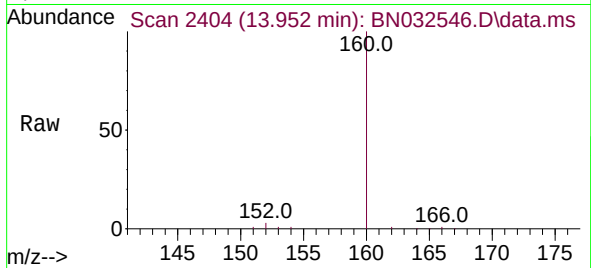
Quant Time: Jul 07 23:45:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 13.952 min Scan# 2404
Delta R.T. -0.018 min
Lab File: BN032546.D
Acq: 06 Jul 2024 14:49

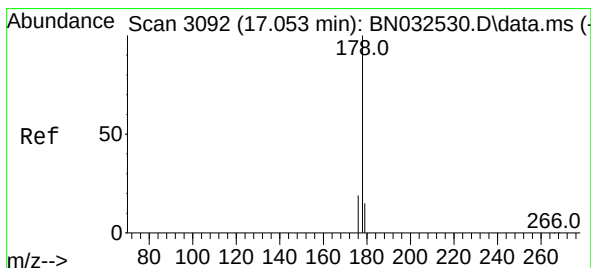
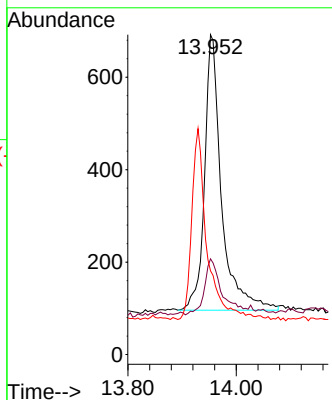
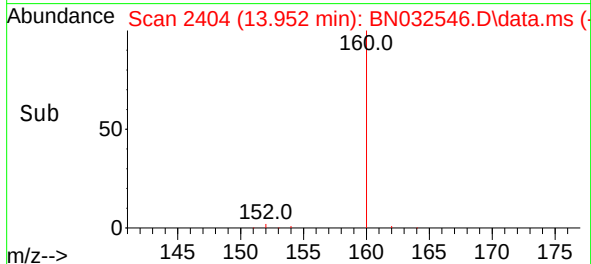
Instrument :
BNA_N
ClientSampleId :
A4BC2



Tgt Ion:152 Resp: 1298
Ion Ratio Lower Upper
152 100
151 29.9 15.7 23.5
153 26.2 10.9 16.3

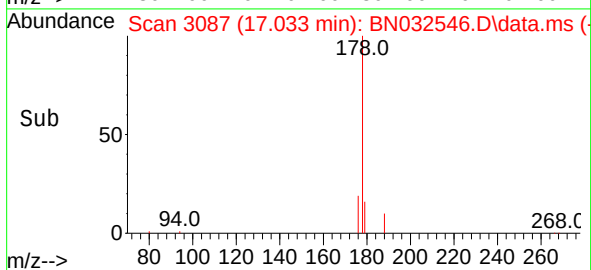
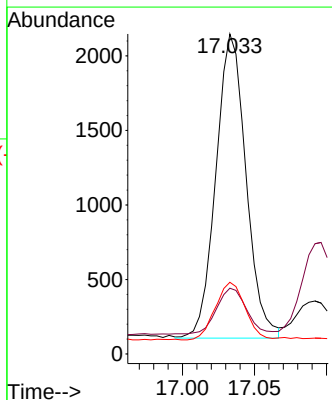
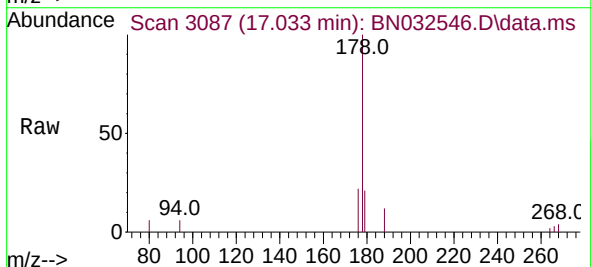
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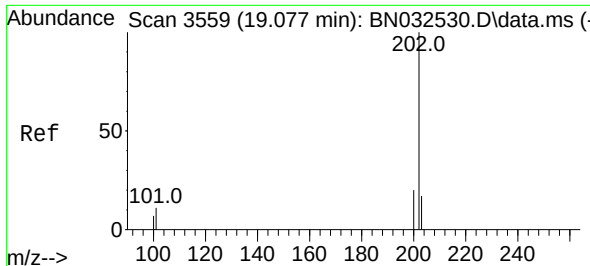
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#15
Phenanthrene
Concen: 0.052 ng/ul m
RT: 17.033 min Scan# 3087
Delta R.T. -0.017 min
Lab File: BN032546.D
Acq: 06 Jul 2024 14:49

Tgt Ion:178 Resp: 2968
Ion Ratio Lower Upper
178 100
179 20.6 12.6 18.8
176 22.4 15.6 23.4





#19

Fluoranthene

Concen: 0.122 ng/ul

RT: 19.064 min Scan# 3556

Delta R.T. -0.009 min

Lab File: BN032546.D

Acq: 06 Jul 2024 14:49

Instrument :

BNA_N

ClientSampleId :

A4BC2

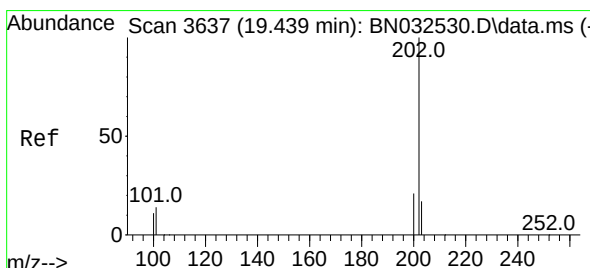
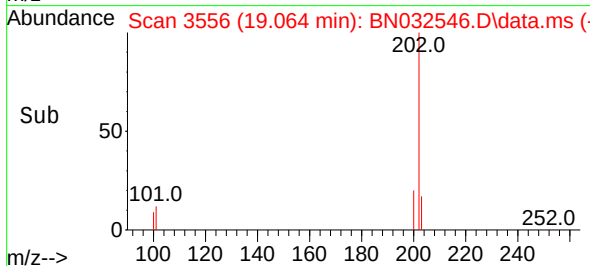
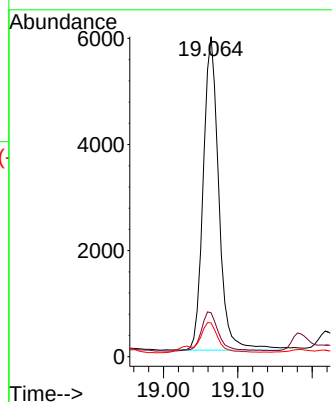
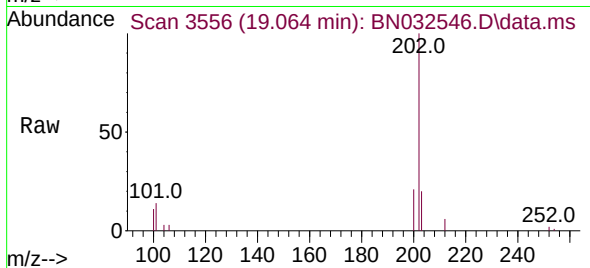
Tgt Ion:	202	Resp:	8600
Ion Ratio	Lower	Upper	
202	100		
101	13.7	8.8	13.2
100	10.6	6.4	9.6

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#20

Pyrene

Concen: 0.118 ng/ul m

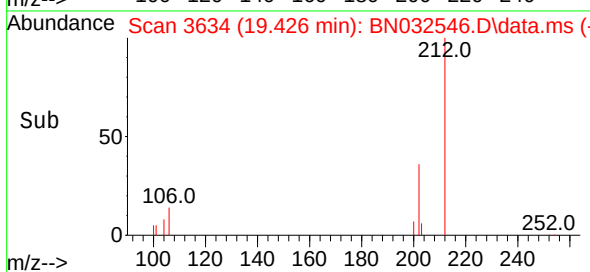
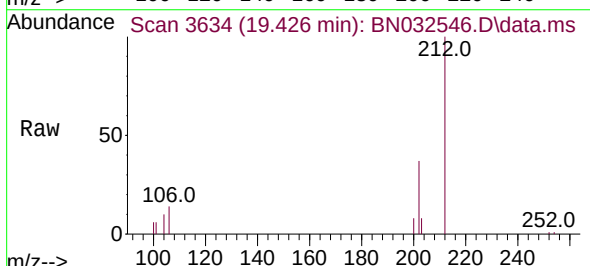
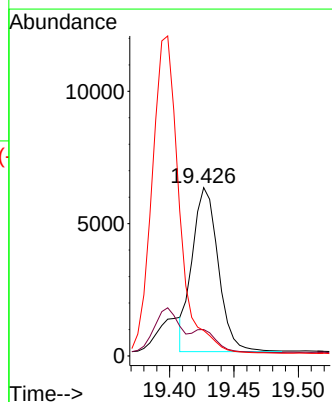
RT: 19.426 min Scan# 3634

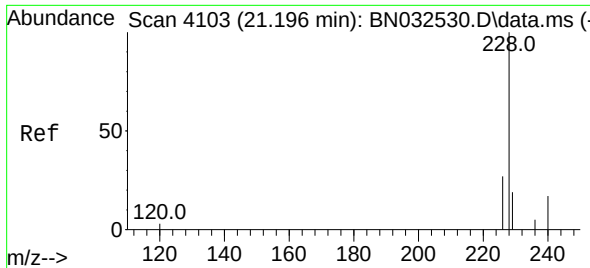
Delta R.T. -0.014 min

Lab File: BN032546.D

Acq: 06 Jul 2024 14:49

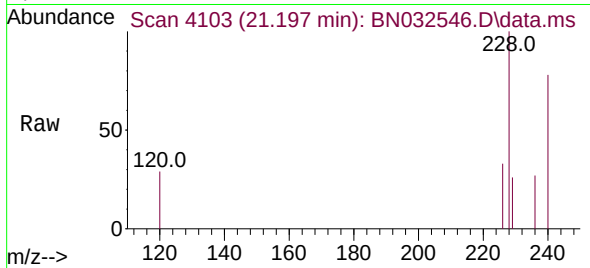
Tgt Ion:	202	Resp:	8733
Ion Ratio	Lower	Upper	
202	100		
101	15.7	11.0	16.4
100	15.1	8.7	13.1





#21
Benzo(a)anthracene
Concen: 0.110 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. 0.006 min
Lab File: BN032546.D
Acq: 06 Jul 2024 14:49

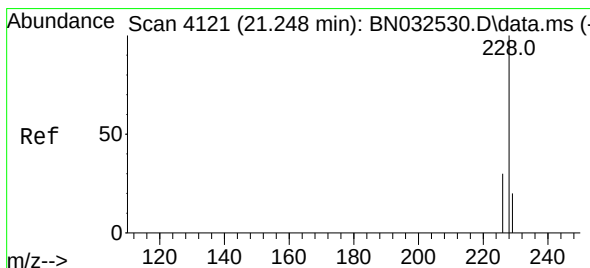
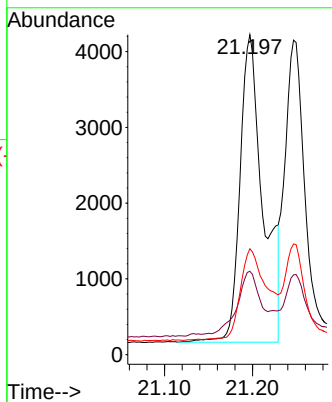
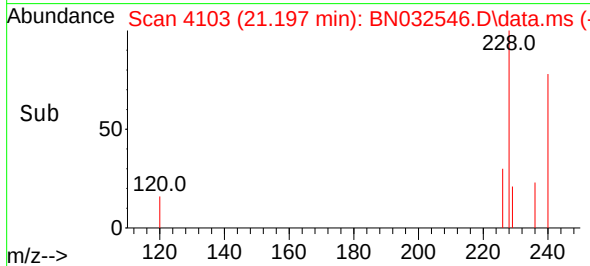
Instrument :
BNA_N
ClientSampleId :
A4BC2



Tgt Ion:228 Resp: 737
Ion Ratio Lower Upper
228 100
229 26.0 15.7 23.5
226 33.1 21.8 32.8

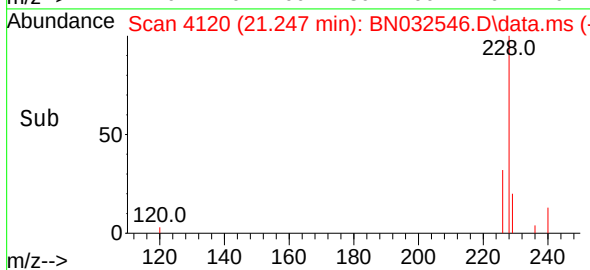
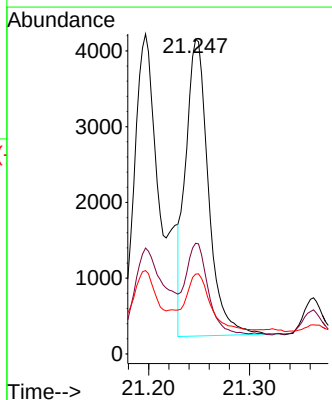
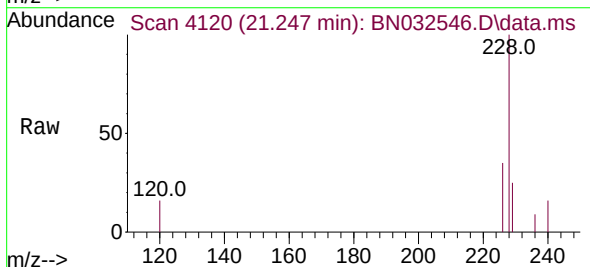
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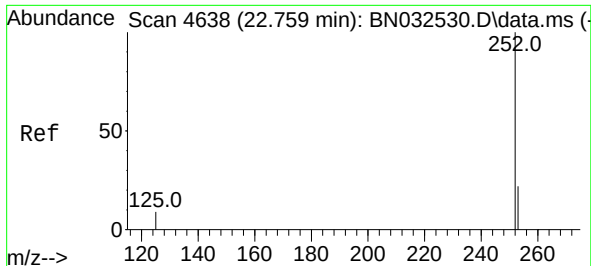
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.083 ng/ul
RT: 21.247 min Scan# 4120
Delta R.T. 0.003 min
Lab File: BN032546.D
Acq: 06 Jul 2024 14:49

Tgt Ion:228 Resp: 6127
Ion Ratio Lower Upper
228 100
226 35.2 23.6 35.4
229 25.4 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.126 ng/ul m

RT: 22.757 min Scan# 4638

Delta R.T. 0.000 min

Lab File: BN032546.D

Acq: 06 Jul 2024 14:49

Instrument :

BNA_N

ClientSampleId :

A4BC2

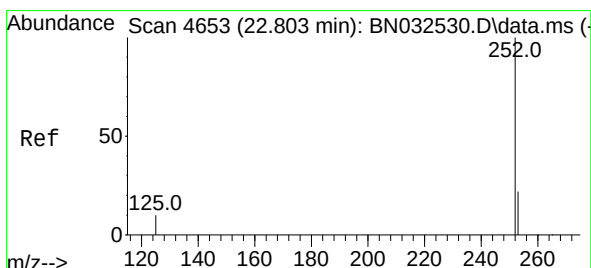
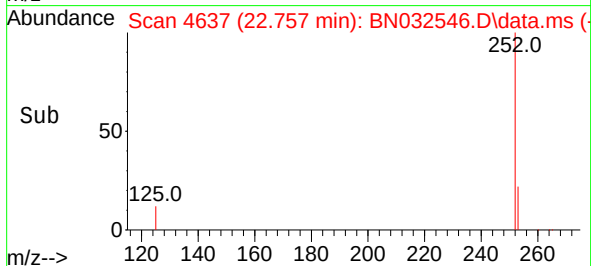
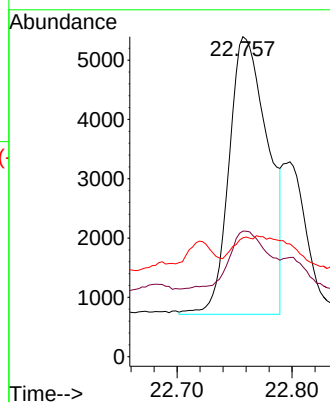
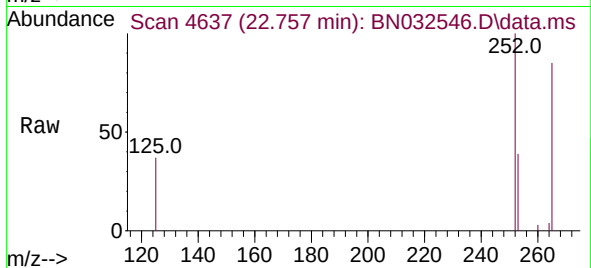
Tgt Ion:	252	Resp:	1098
Ion Ratio	Lower	Upper	
252	100		
253	39.3	0.0	50.2
125	37.2	0.0	32.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#25

Benzo(k)fluoranthene

Concen: 0.044 ng/ul m

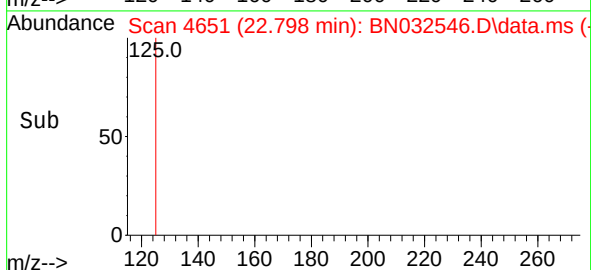
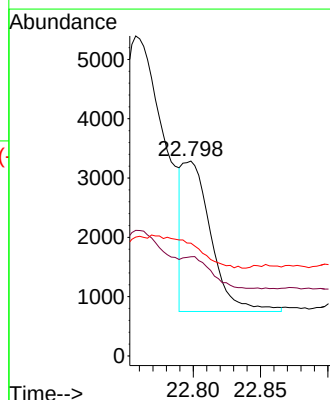
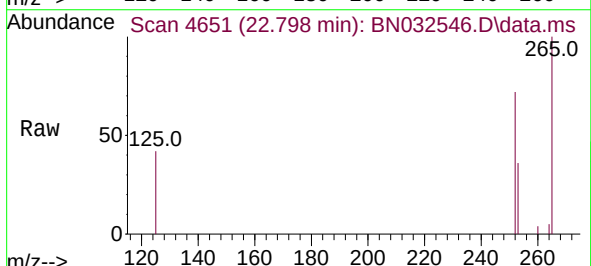
RT: 22.798 min Scan# 4651

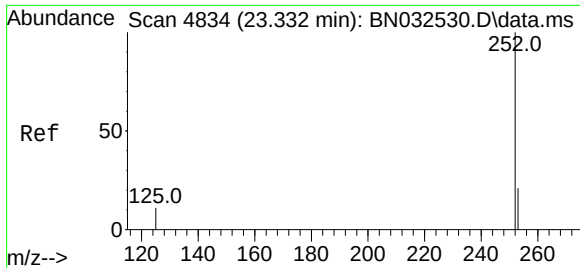
Delta R.T. -0.003 min

Lab File: BN032546.D

Acq: 06 Jul 2024 14:49

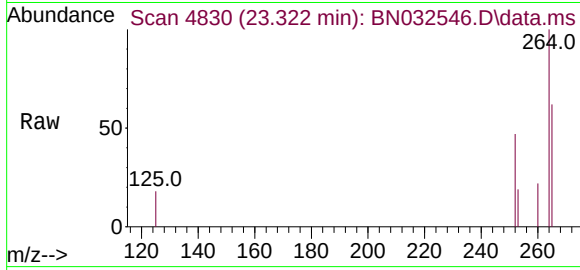
Tgt Ion:	252	Resp:	3767
Ion Ratio	Lower	Upper	
252	100		
253	50.9	20.3	30.5#
125	57.9	12.8	19.2#





#26
Benzo(a)pyrene
Concen: 0.134 ng/ul
RT: 23.322 min Scan# 4834
Delta R.T. -0.006 min
Lab File: BN032546.D
Acq: 06 Jul 2024 14:49

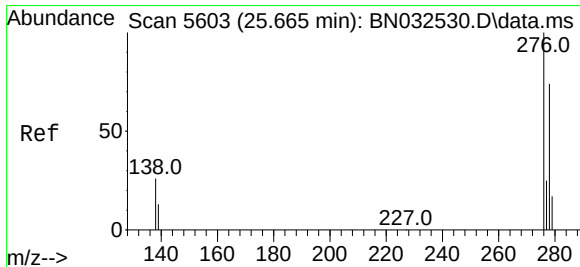
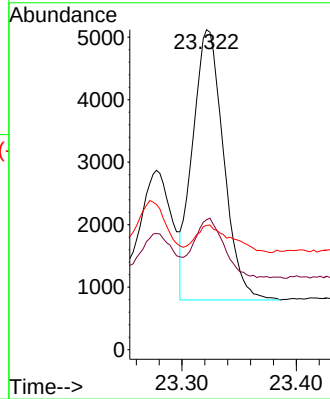
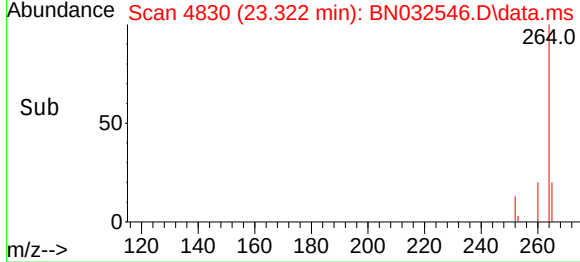
Instrument :
BNA_N
ClientSampleId :
A4BC2



Tgt Ion:252 Resp: 815
Ion Ratio Lower Upper
252 100
253 40.6 22.2 33.2
125 38.9 16.4 24.6

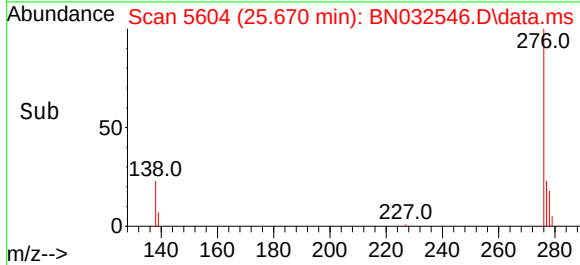
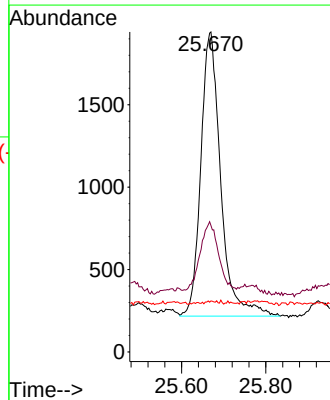
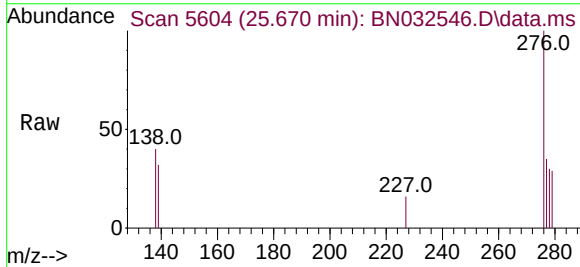
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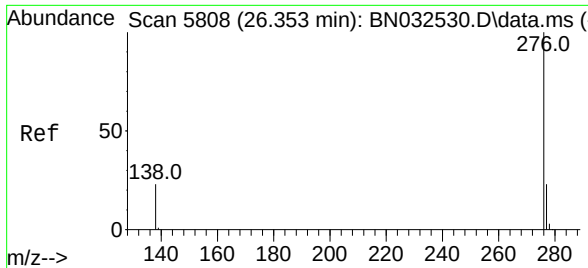
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.060 ng/ul
RT: 25.670 min Scan# 5604
Delta R.T. 0.010 min
Lab File: BN032546.D
Acq: 06 Jul 2024 14:49

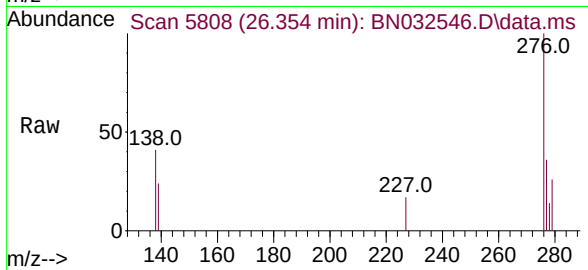
Tgt Ion:276 Resp: 5658
Ion Ratio Lower Upper
276 100
138 25.1 21.3 31.9
227 0.5 0.1 0.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.074 ng/ul
 RT: 26.354 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: BN032546.D
 Acq: 06 Jul 2024 14:49

Instrument :
 BNA_N
 ClientSampleId :
 A4BC2



Tgt Ion:276 Resp: 563
 Ion Ratio Lower Upper
 276 100
 138 40.9 19.8 29.6
 277 36.0 19.8 29.6

Manual Integrations
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 Supervised By :mohammad ahmed 07/08/2024

