

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032299.D
 Acq On : 28 Jun 2024 02:43
 Operator : MA/JU
 Sample : P2909-22DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B46DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/28/2024

Quant Time: Jun 28 04:00:41 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	10323	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	30427	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	15537	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	27097	0.400	ng/ul	0.00
17) Chrysene-d12	21.220	240	20757	0.400	ng/ul	0.00
23) Perylene-d12	23.438	264	25788	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	6422	0.560	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	1674	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.055	212	2742	0.044	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.058	178	10210	0.137	ng/ul	98
16) Anthracene	17.151	178	2312	0.035	ng/ul#	82
19) Fluoranthene	19.082	202	23561	0.298	ng/ul	98
20) Pyrene	19.445	202	21241	0.257	ng/ul	97
21) Benzo(a)anthracene	21.206	228	11671	0.156	ng/ul#	91
22) Chrysene	21.255	228	10880	0.132	ng/ul#	92
24) Benzo(b)fluoranthene	22.772	252	20540m	0.183	ng/ul	
25) Benzo(k)fluoranthene	22.813	252	6724m	0.062	ng/ul	
26) Benzo(a)pyrene	23.339	252	11223	0.144	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.680	276	11931	0.098	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.686	278	3637	0.040	ng/ul#	18
29) Benzo(g,h,i)perylene	26.364	276	11457	0.118	ng/ul#	85

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

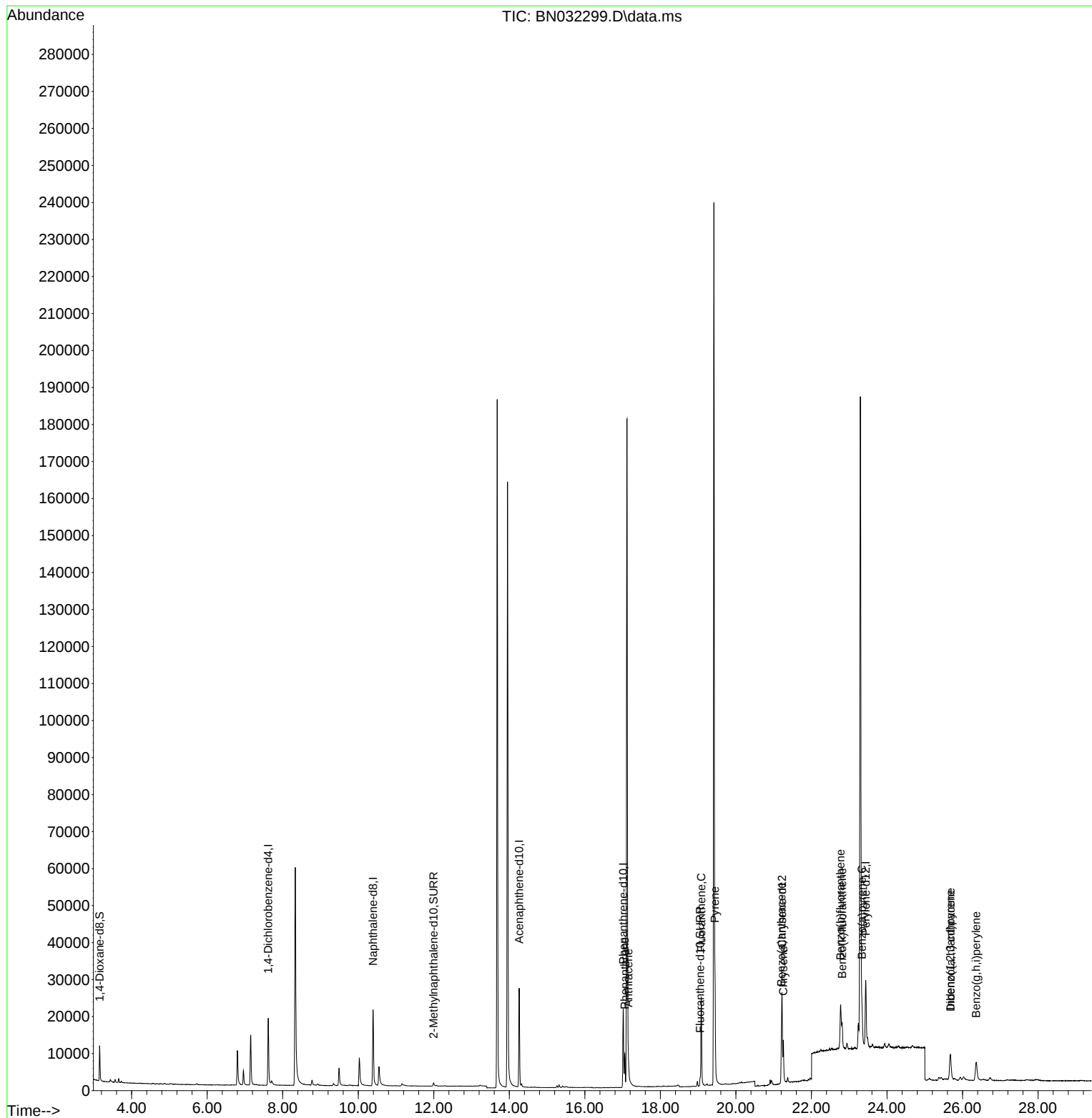
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032299.D
Acq On : 28 Jun 2024 02:43
Operator : MA/JU
Sample : P2909-22DL 5X
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ALS Vial : 28 Sample Multiplier: 1

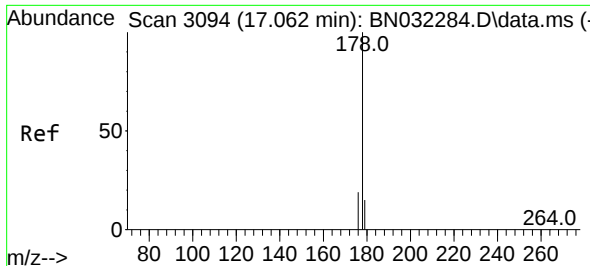
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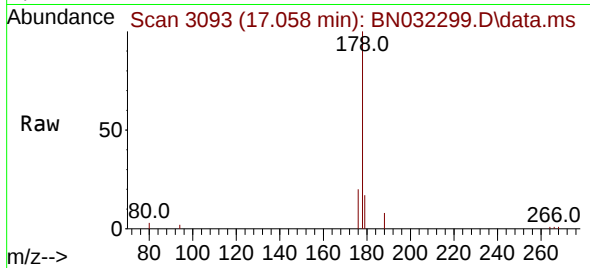
Quant Time: Jun 28 04:00:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#15
Phenanthrene
Concen: 0.137 ng/u1
RT: 17.058 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN032299.D
Acq: 28 Jun 2024 02:43

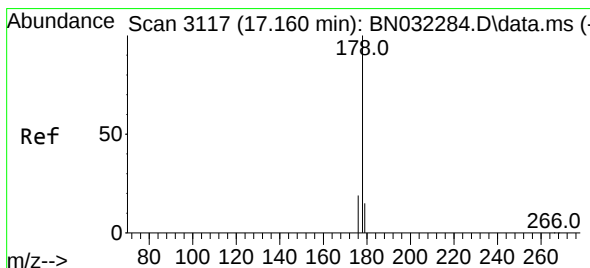
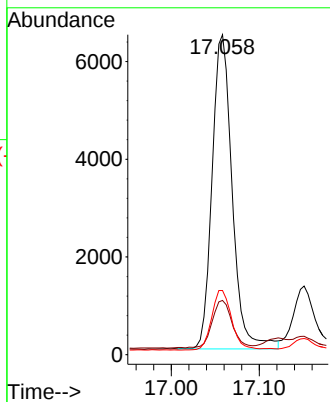
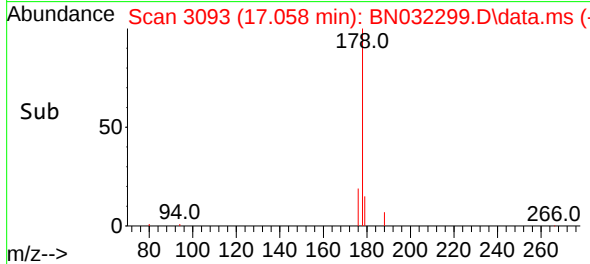
Instrument :
BNA_N
ClientSampleId :
A4B46DL



Tgt Ion:178 Resp: 10210
Ion Ratio Lower Upper
178 100
179 17.0 12.6 18.8
176 20.1 15.6 23.4

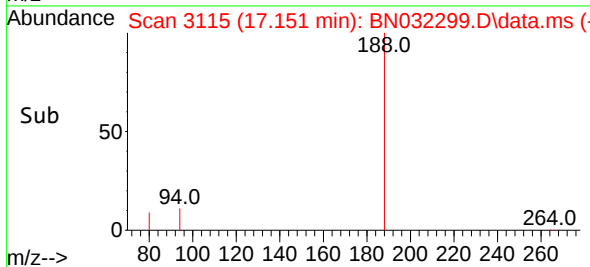
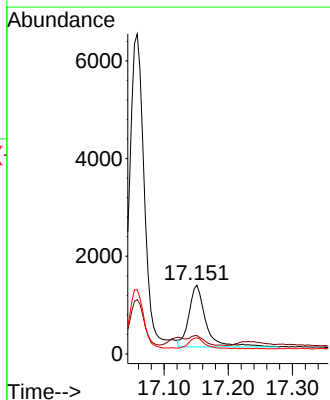
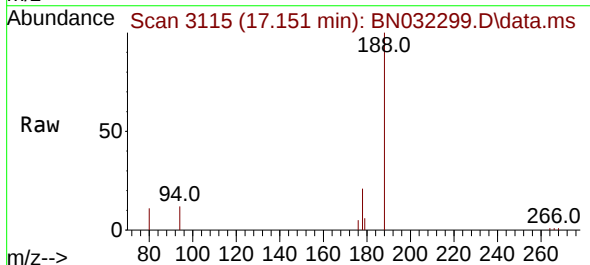
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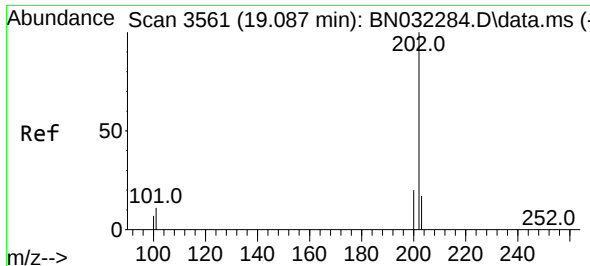
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#16
Anthracene
Concen: 0.035 ng/u1
RT: 17.151 min Scan# 3115
Delta R.T. -0.009 min
Lab File: BN032299.D
Acq: 28 Jun 2024 02:43

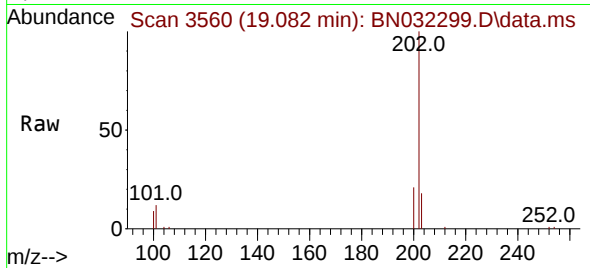
Tgt Ion:178 Resp: 2312
Ion Ratio Lower Upper
178 100
179 26.8 12.5 18.7#
176 23.6 15.0 22.6#





#19
Fluoranthene
Concen: 0.298 ng/ul
RT: 19.082 min Scan# 3561
Delta R.T. -0.009 min
Lab File: BN032299.D
Acq: 28 Jun 2024 02:43

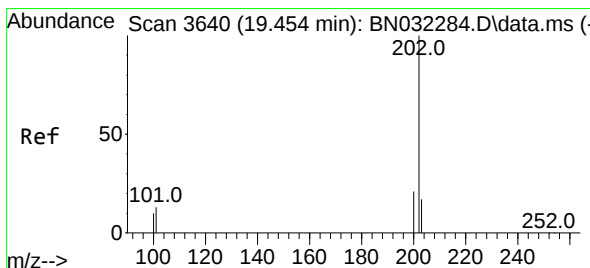
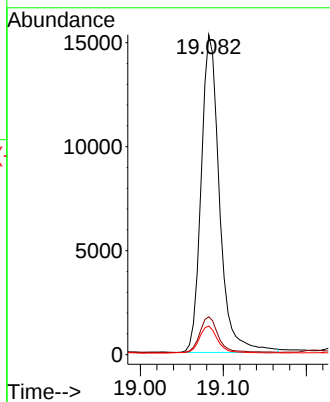
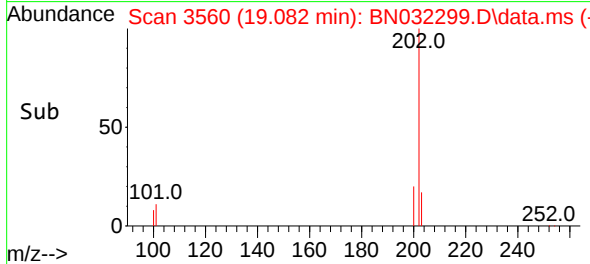
Instrument :
BNA_N
ClientSampleId :
A4B46DL



Tgt Ion:202 Resp: 2356
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 8.9 6.4 9.6

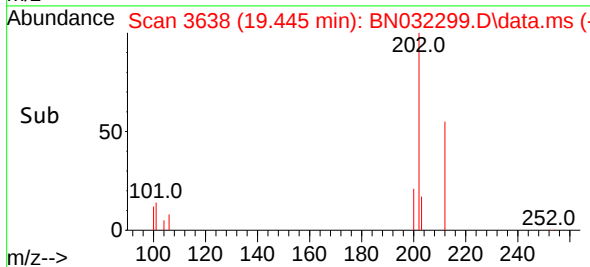
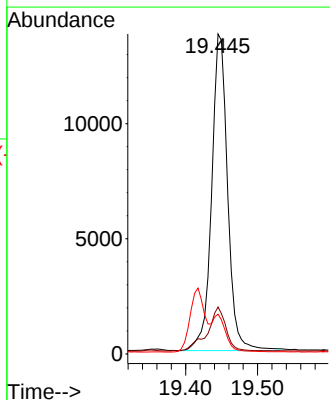
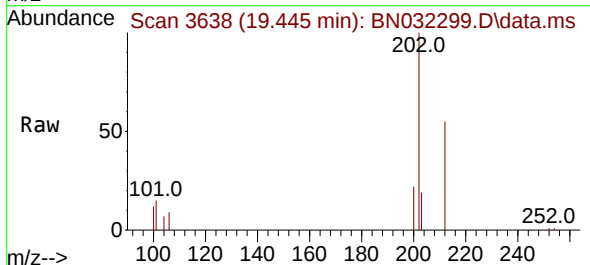
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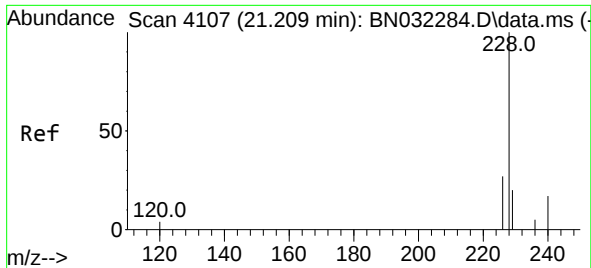
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#20
Pyrene
Concen: 0.257 ng/ul
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032299.D
Acq: 28 Jun 2024 02:43

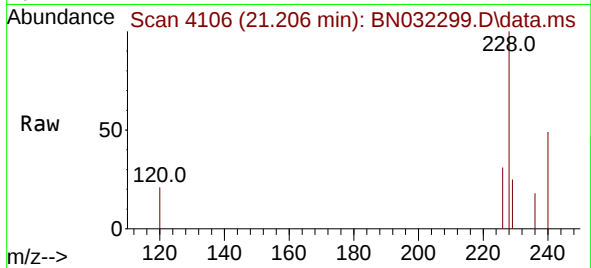
Tgt Ion:202 Resp: 21241
Ion Ratio Lower Upper
202 100
101 14.7 11.0 16.4
100 12.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.156 ng/u1
RT: 21.206 min Scan# 4106
Delta R.T. -0.009 min
Lab File: BN032299.D
Acq: 28 Jun 2024 02:43

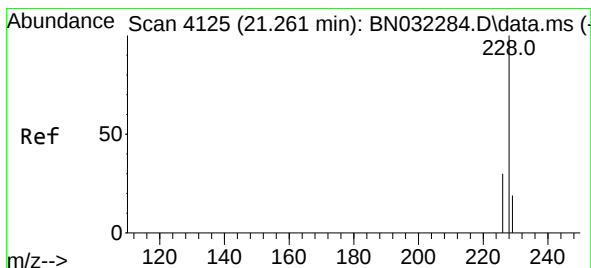
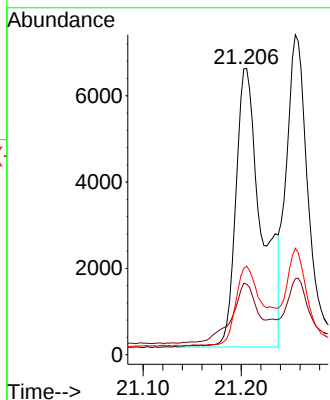
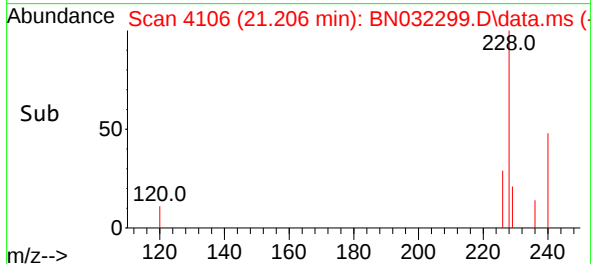
Instrument :
BNA_N
ClientSampleId :
A4B46DL



Tgt Ion:228 Resp: 1167
Ion Ratio Lower Upper
228 100
229 24.6 15.7 23.5
226 31.0 21.8 32.8

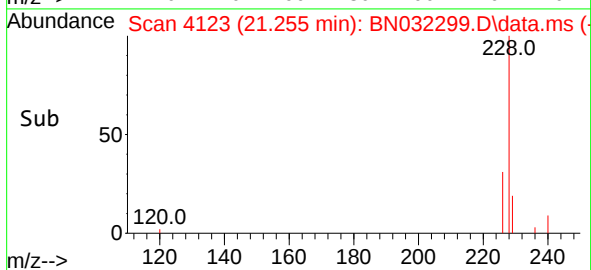
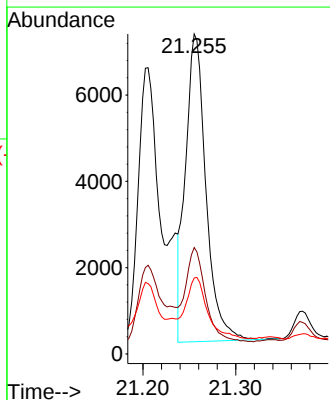
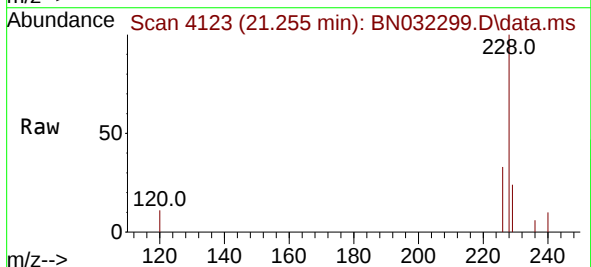
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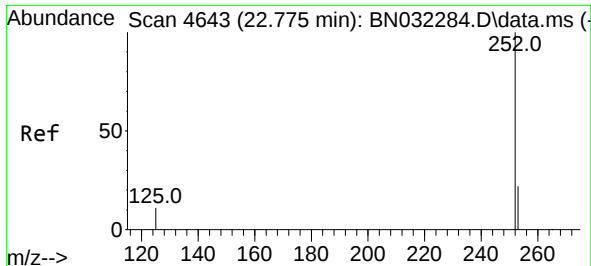
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#22
Chrysene
Concen: 0.132 ng/u1
RT: 21.255 min Scan# 4123
Delta R.T. -0.012 min
Lab File: BN032299.D
Acq: 28 Jun 2024 02:43

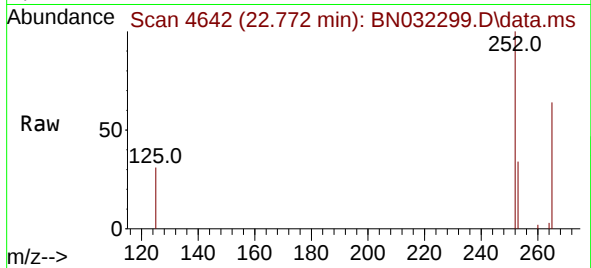
Tgt Ion:228 Resp: 10880
Ion Ratio Lower Upper
228 100
226 33.2 23.6 35.4
229 23.7 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.183 ng/ul m
RT: 22.772 min Scan# 4643
Delta R.T. -0.012 min
Lab File: BN032299.D
Acq: 28 Jun 2024 02:43

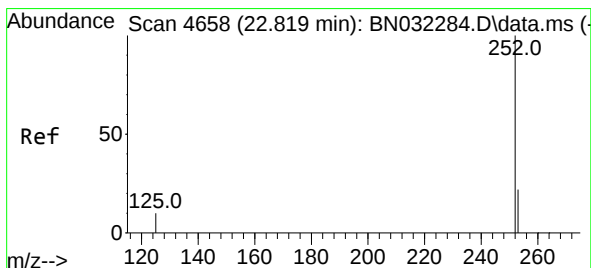
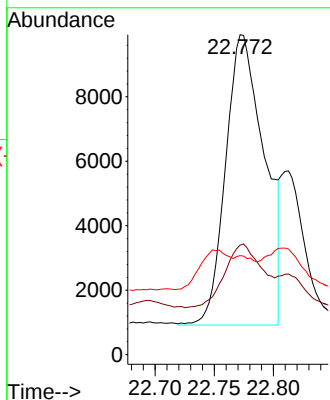
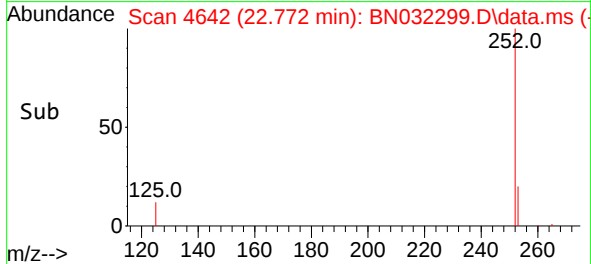
Instrument :
BNA_N
ClientSampleId :
A4B46DL



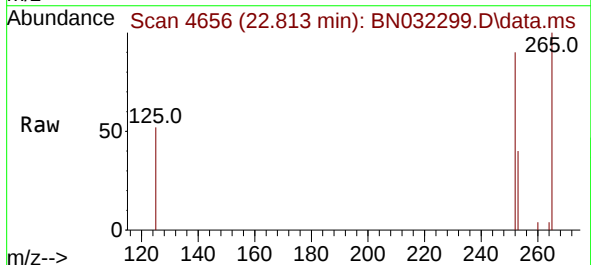
Tgt Ion:252 Resp: 20540
Ion Ratio Lower Upper
252 100
253 34.2 0.0 50.2
125 30.9 0.0 32.0

Manual Integrations
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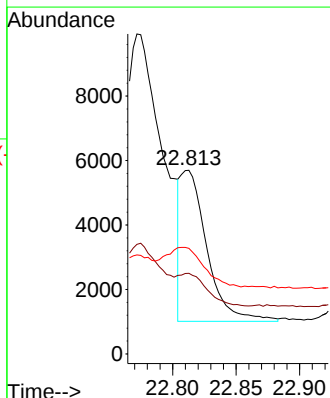
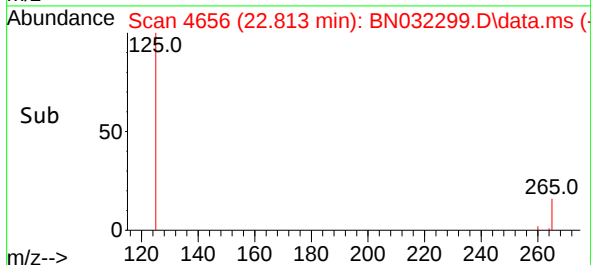
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

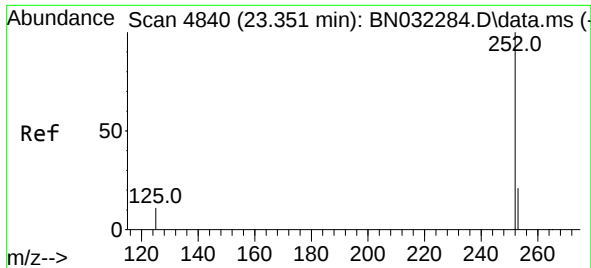


#25
Benzo(k)fluoranthene
Concen: 0.062 ng/ul m
RT: 22.813 min Scan# 4656
Delta R.T. -0.015 min
Lab File: BN032299.D
Acq: 28 Jun 2024 02:43



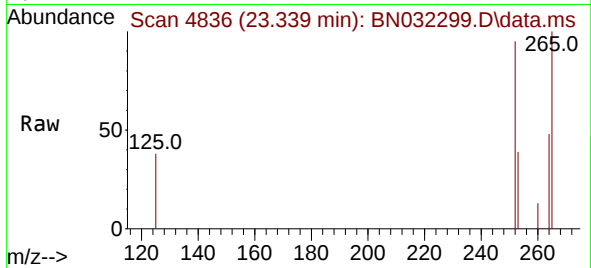
Tgt Ion:252 Resp: 6724
Ion Ratio Lower Upper
252 100
253 43.9 20.3 30.5#
125 57.5 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.144 ng/ul
RT: 23.339 min Scan# 4836
Delta R.T. -0.021 min
Lab File: BN032299.D
Acq: 28 Jun 2024 02:43

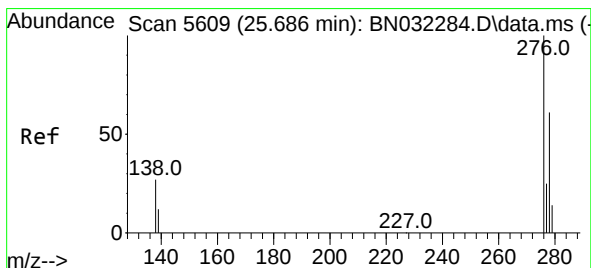
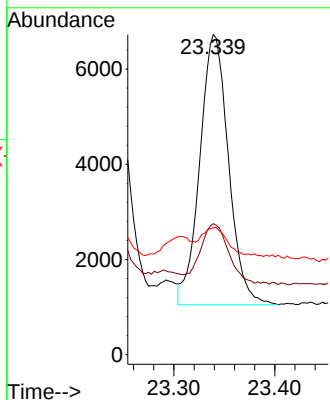
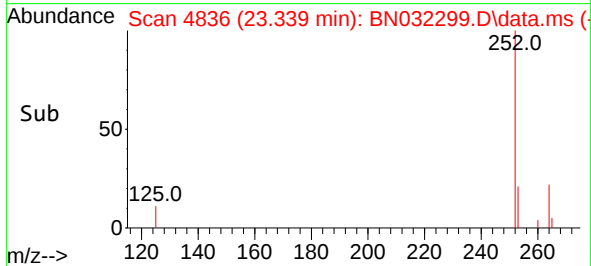
Instrument :
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A4B46DL



Tgt Ion:252 Resp: 1122
Ion Ratio Lower Upper
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253 41.0 22.2 33.2
125 39.7 16.4 24.6

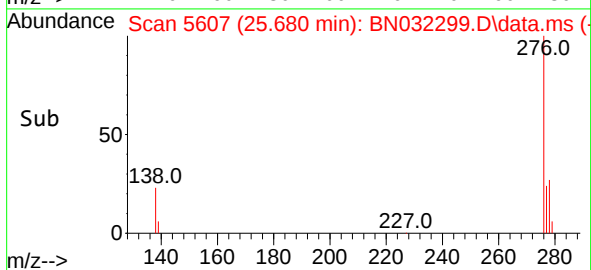
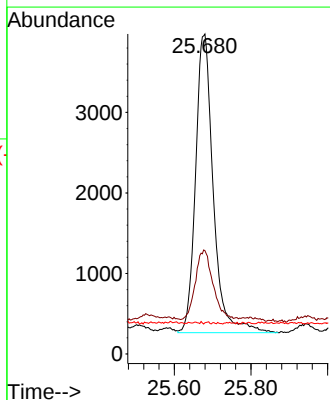
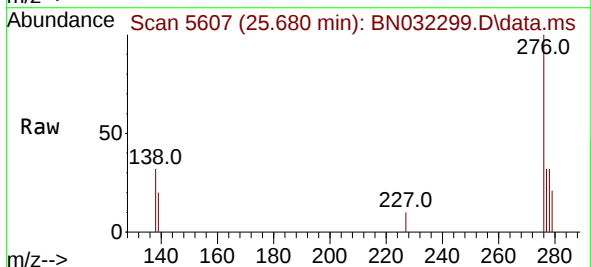
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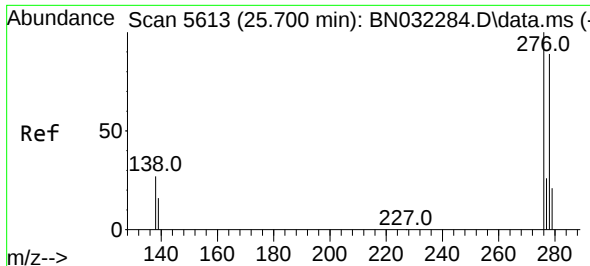
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng/ul
RT: 25.680 min Scan# 5607
Delta R.T. -0.020 min
Lab File: BN032299.D
Acq: 28 Jun 2024 02:43

Tgt Ion:276 Resp: 11931
Ion Ratio Lower Upper
276 100
138 23.5 21.3 31.9
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.040 ng/ul

RT: 25.686 min Scan# 5609

Delta R.T. -0.024 min

Lab File: BN032299.D

Acq: 28 Jun 2024 02:43

Instrument :

BNA_N

ClientSampleId :

A4B46DL

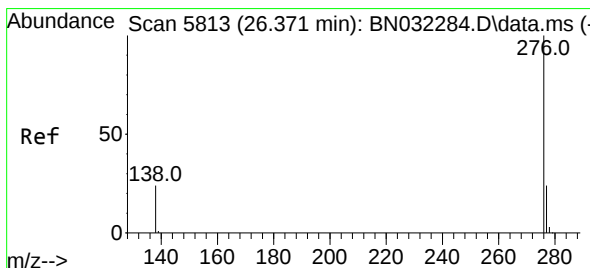
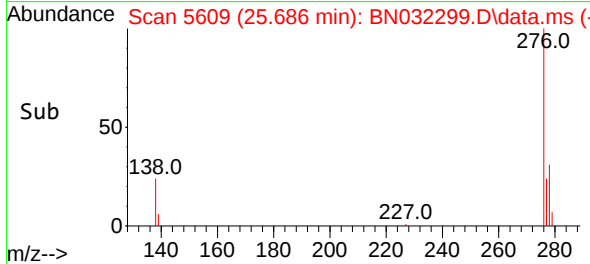
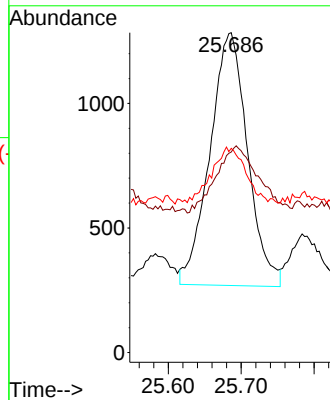
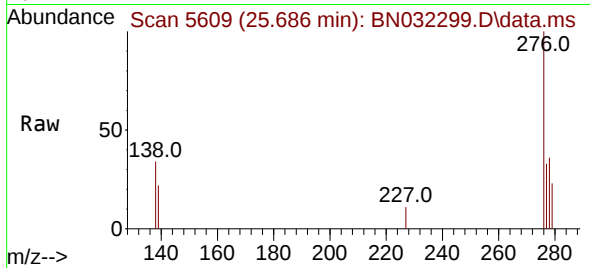
Tgt Ion:278	Resp:	363
Ion Ratio	Lower	Upper
278	100	
139	62.7	15.9 23.9
279	63.9	21.1 31.7

Manual Integrations

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Supervised By :mohammad ahmed 06/28/2024



#29

Benzo(g,h,i)perylene

Concen: 0.118 ng/ul

RT: 26.364 min Scan# 5811

Delta R.T. -0.017 min

Lab File: BN032299.D

Acq: 28 Jun 2024 02:43

Tgt Ion:276	Resp:	11457
Ion Ratio	Lower	Upper
276	100	
138	32.4	19.8 29.6
277	32.0	19.8 29.6

