

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032298.D
 Acq On : 28 Jun 2024 02:07
 Operator : MA/JU
 Sample : P2909-21DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B45DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 04:00:33 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	8906	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	25233	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	13445	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	25085	0.400	ng/ul	0.00
17) Chrysene-d12	21.220	240	20791	0.400	ng/ul	0.00
23) Perylene-d12	23.438	264	25235	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	6854	0.692	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	1589	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.050	212	2947	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.058	178	19527	0.284	ng/ul	100
16) Anthracene	17.151	178	3901	0.064	ng/ul#	89
19) Fluoranthene	19.083	202	45653	0.577	ng/ul	99
20) Pyrene	19.445	202	42073	0.509	ng/ul	99
21) Benzo(a)anthracene	21.203	228	22245	0.296	ng/ul	94
22) Chrysene	21.255	228	21974	0.267	ng/ul	94
24) Benzo(b)fluoranthene	22.769	252	35186m	0.321	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	13789m	0.129	ng/ul	
26) Benzo(a)pyrene	23.339	252	20787	0.273	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.673	276	19668	0.165	ng/ul	94
28) Dibenzo(a,h)anthracene	25.683	278	5465	0.062	ng/ul#	35
29) Benzo(g,h,i)perylene	26.357	276	19263	0.202	ng/ul	91

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

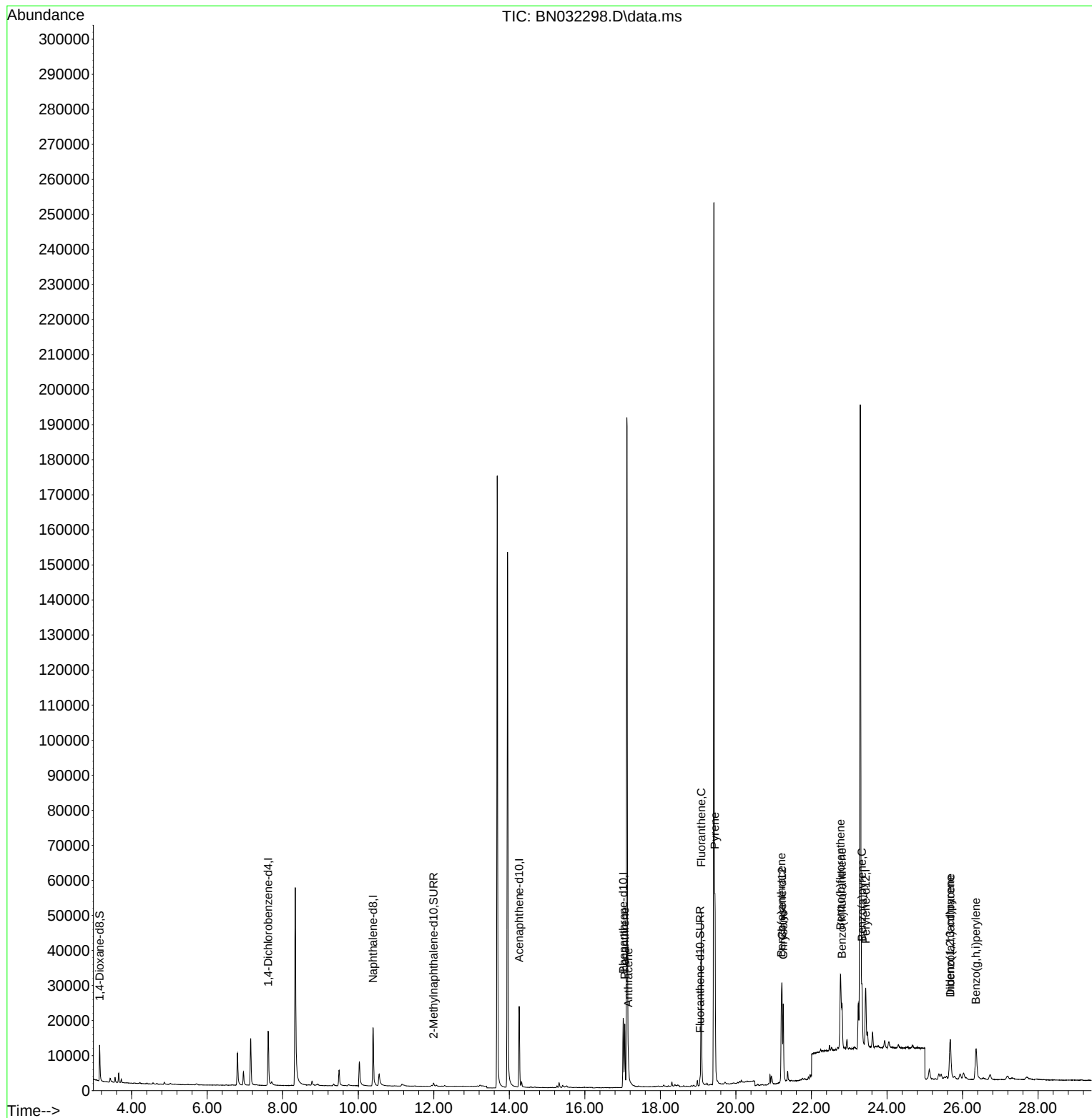
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032298.D
Acq On : 28 Jun 2024 02:07
Operator : MA/JU
Sample : P2909-21DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

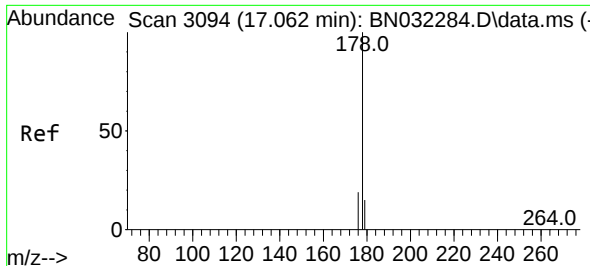
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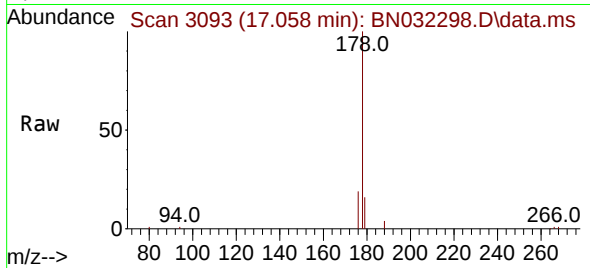
Quant Time: Jun 28 04:00:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#15
Phenanthrene
Concen: 0.284 ng/ul
RT: 17.058 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN032298.D
Acq: 28 Jun 2024 02:07

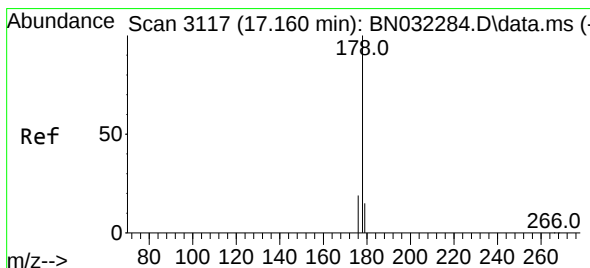
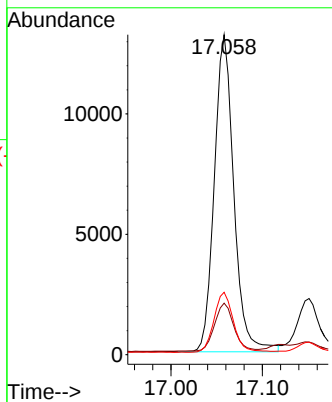
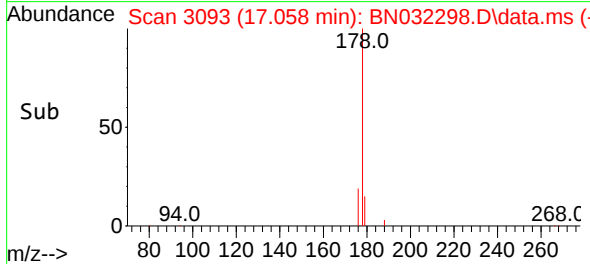
Instrument :
BNA_N
ClientSampleId :
A4B45DL



Tgt Ion:178 Resp: 1952
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.5 15.6 23.4

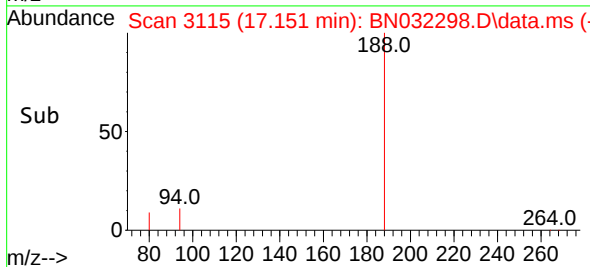
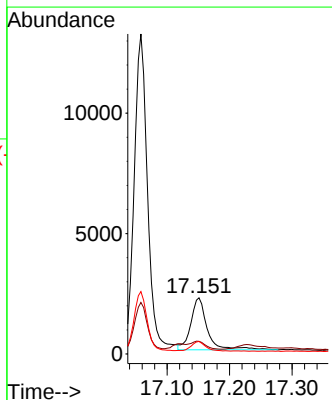
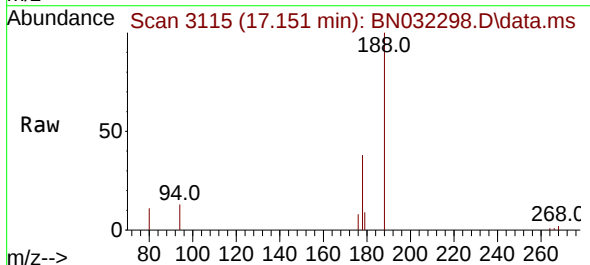
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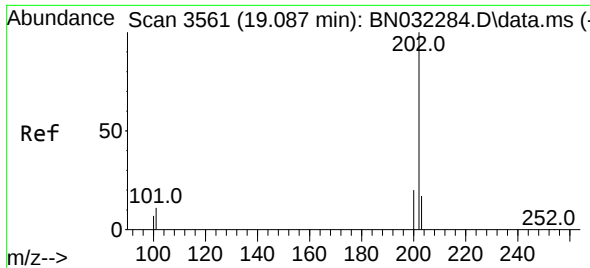
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#16
Anthracene
Concen: 0.064 ng/ul
RT: 17.151 min Scan# 3115
Delta R.T. -0.009 min
Lab File: BN032298.D
Acq: 28 Jun 2024 02:07

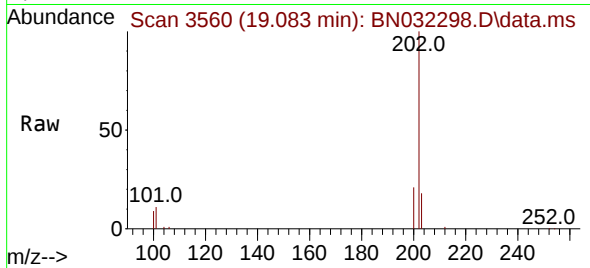
Tgt Ion:178 Resp: 3901
Ion Ratio Lower Upper
178 100
179 22.4 12.5 18.7#
176 22.1 15.0 22.6





#19
Fluoranthene
Concen: 0.577 ng/ul
RT: 19.083 min Scan# 3560
Delta R.T. -0.009 min
Lab File: BN032298.D
Acq: 28 Jun 2024 02:07

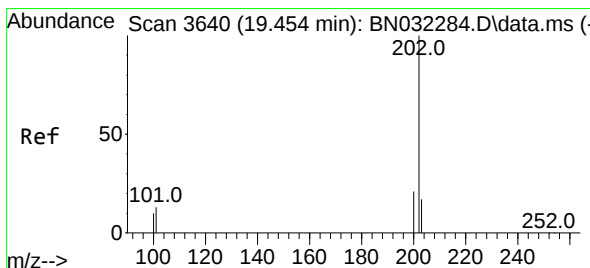
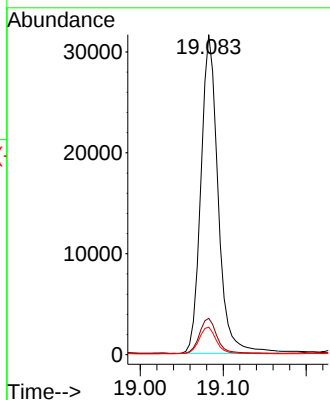
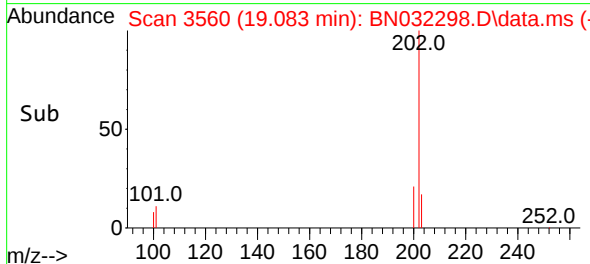
Instrument :
BNA_N
ClientSampleId :
A4B45DL



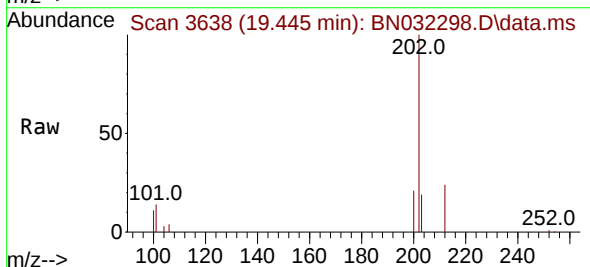
Tgt Ion:202 Resp: 4565
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.6 6.4 9.6

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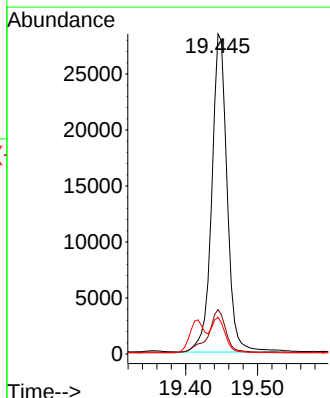
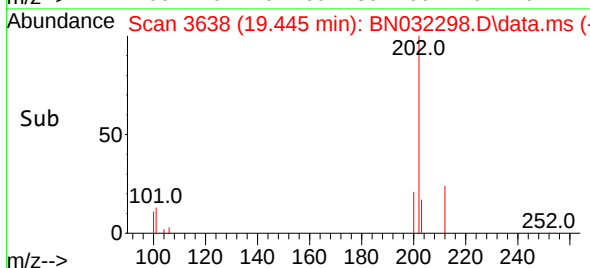
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

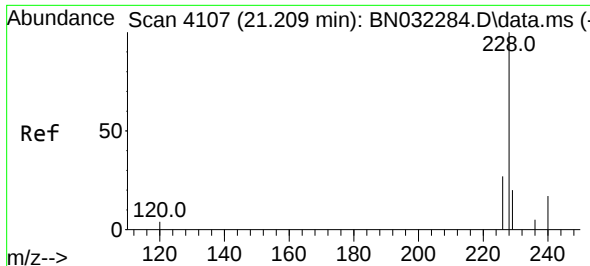


#20
Pyrene
Concen: 0.509 ng/ul
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032298.D
Acq: 28 Jun 2024 02:07



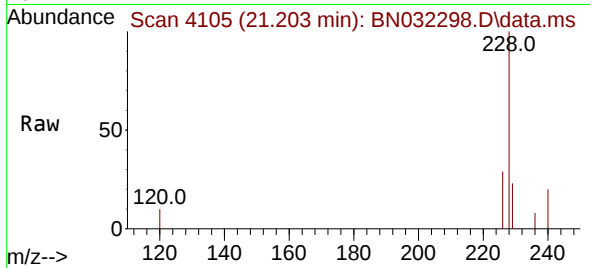
Tgt Ion:202 Resp: 42073
Ion Ratio Lower Upper
202 100
101 13.9 11.0 16.4
100 11.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.296 ng/ul
RT: 21.203 min Scan# 4105
Delta R.T. -0.012 min
Lab File: BN032298.D
Acq: 28 Jun 2024 02:07

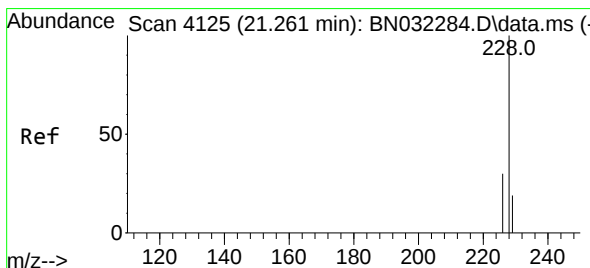
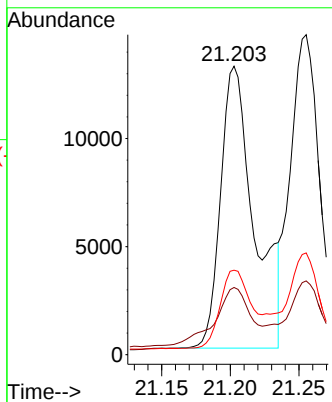
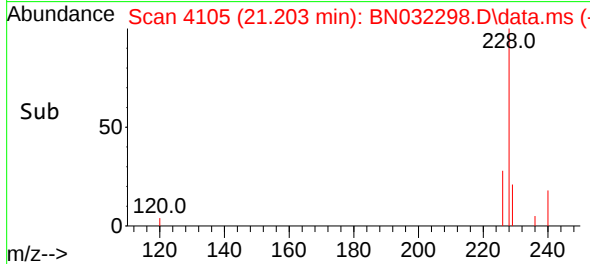
Instrument :
BNA_N
ClientSampleId :
A4B45DL



Tgt Ion:228 Resp: 22245
Ion Ratio Lower Upper
228 100
229 23.3 15.7 23.5
226 29.3 21.8 32.8

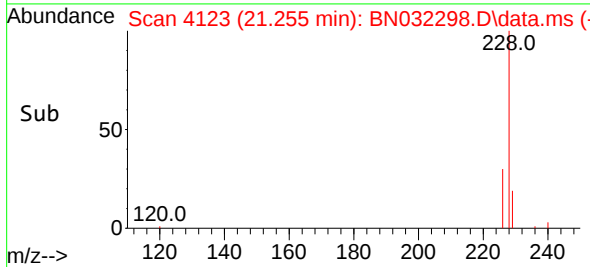
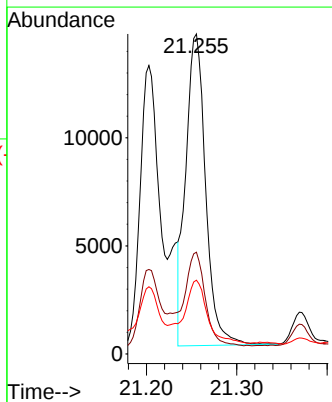
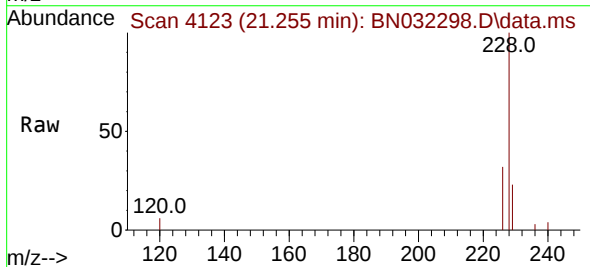
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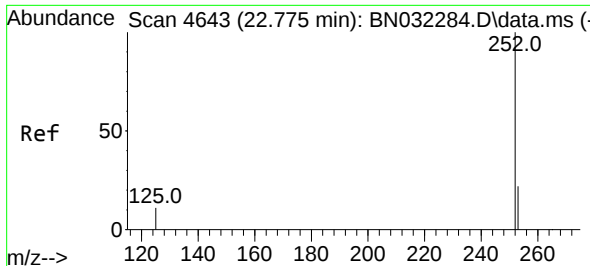
Reviewed By :Yogesh Patel 06/28/2024
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#22
Chrysene
Concen: 0.267 ng/ul
RT: 21.255 min Scan# 4123
Delta R.T. -0.012 min
Lab File: BN032298.D
Acq: 28 Jun 2024 02:07

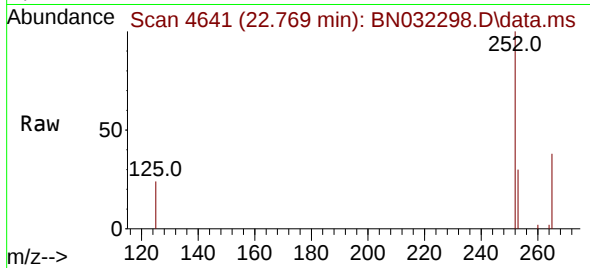
Tgt Ion:228 Resp: 21974
Ion Ratio Lower Upper
228 100
226 31.8 23.6 35.4
229 23.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.321 ng/ul m
RT: 22.769 min Scan# 4641
Delta R.T. -0.015 min
Lab File: BN032298.D
Acq: 28 Jun 2024 02:07

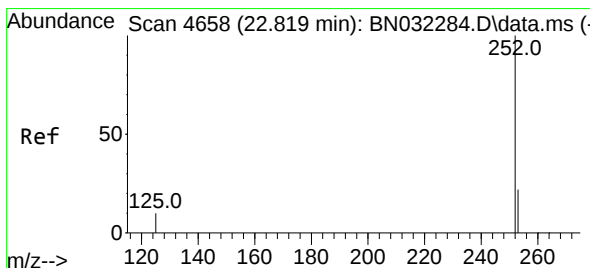
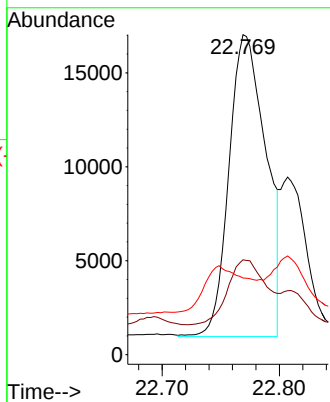
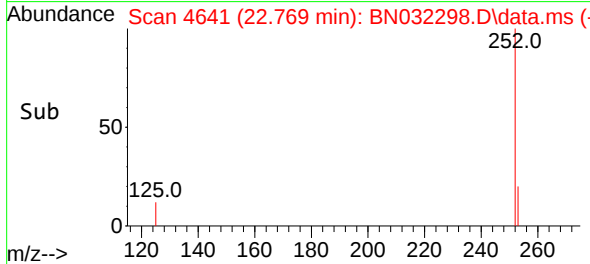
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BNA_N
ClientSampleId :
A4B45DL



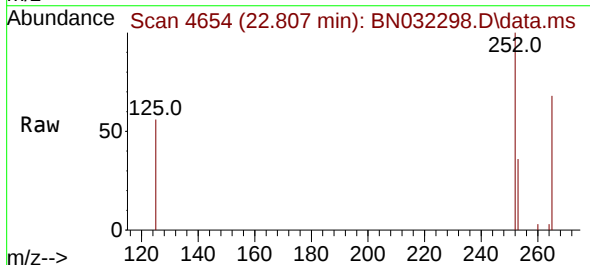
Tgt Ion:252 Resp: 35180
Ion Ratio Lower Upper
252 100
253 29.6 0.0 50.2
125 24.0 0.0 32.0

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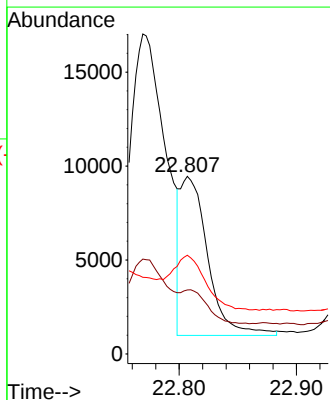
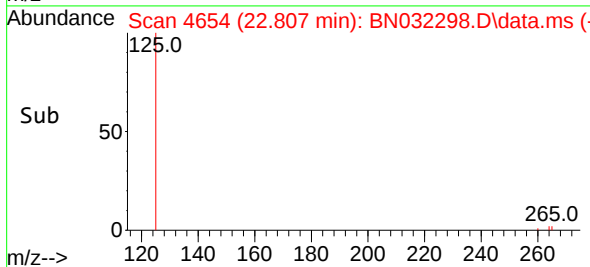
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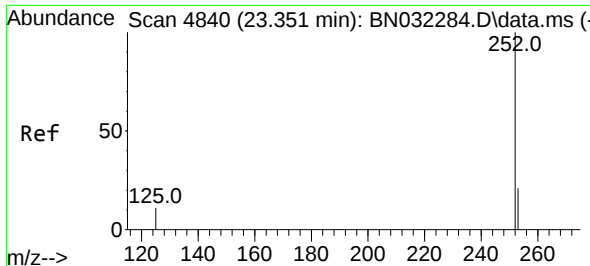


#25
Benzo(k)fluoranthene
Concen: 0.129 ng/ul m
RT: 22.807 min Scan# 4654
Delta R.T. -0.021 min
Lab File: BN032298.D
Acq: 28 Jun 2024 02:07



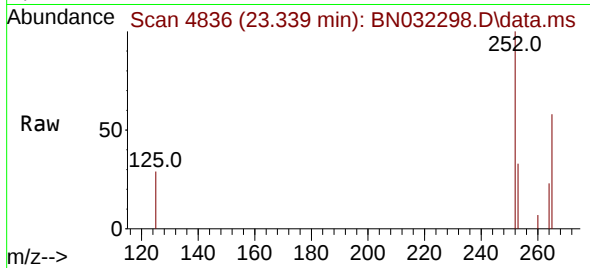
Tgt Ion:252 Resp: 13789
Ion Ratio Lower Upper
252 100
253 36.0 20.3 30.5#
125 55.6 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.273 ng/ul
RT: 23.339 min Scan# 4836
Delta R.T. -0.021 min
Lab File: BN032298.D
Acq: 28 Jun 2024 02:07

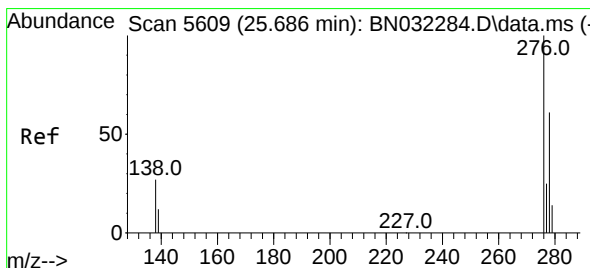
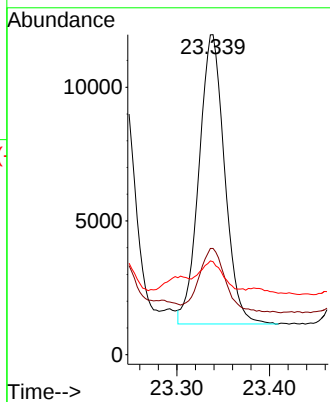
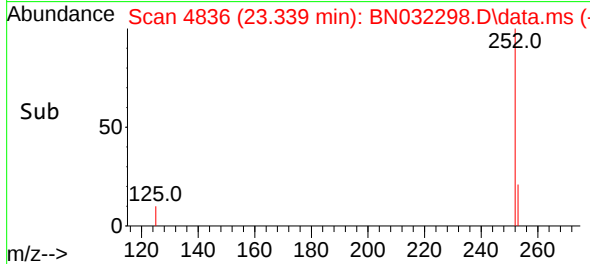
Instrument :
BNA_N
ClientSampleId :
A4B45DL



Tgt Ion:252 Resp: 2078
Ion Ratio Lower Upper
252 100
253 33.2 22.2 33.2
125 29.0 16.4 24.6

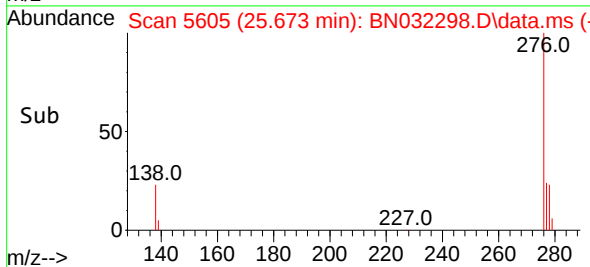
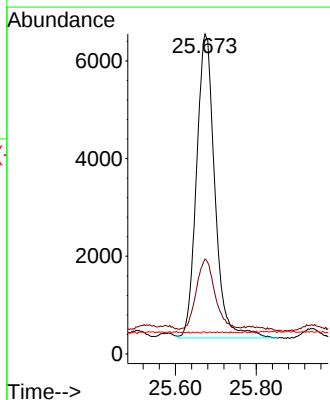
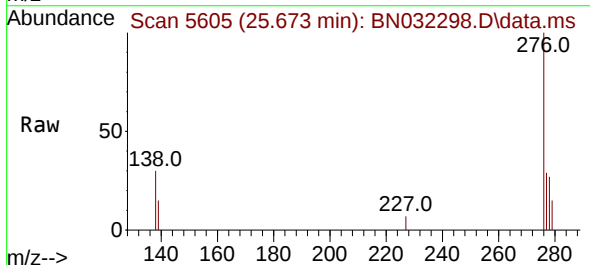
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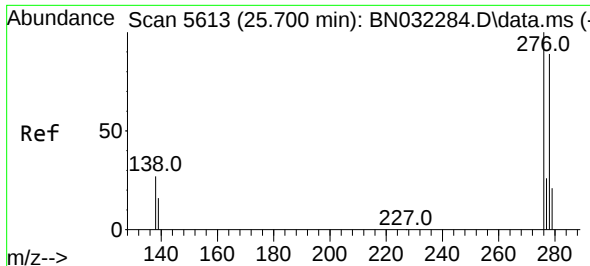
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.165 ng/ul
RT: 25.673 min Scan# 5605
Delta R.T. -0.027 min
Lab File: BN032298.D
Acq: 28 Jun 2024 02:07

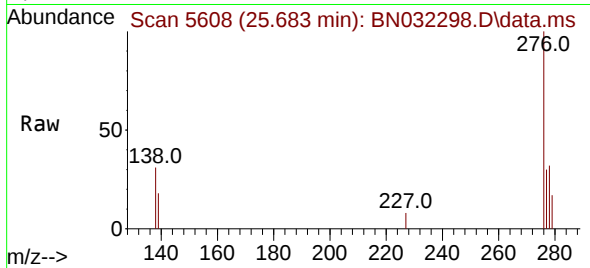
Tgt Ion:276 Resp: 19668
Ion Ratio Lower Upper
276 100
138 23.4 21.3 31.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 25.683 min Scan# 509
Delta R.T. -0.027 min
Lab File: BN032298.D
Acq: 28 Jun 2024 02:07

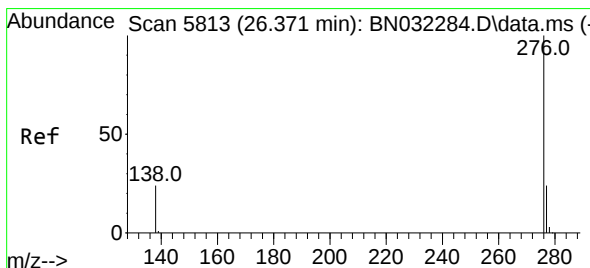
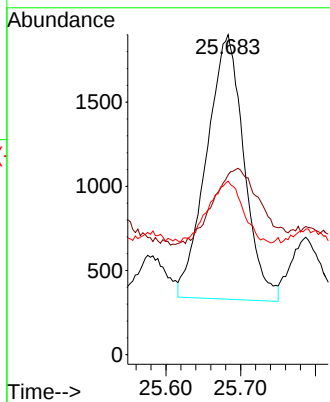
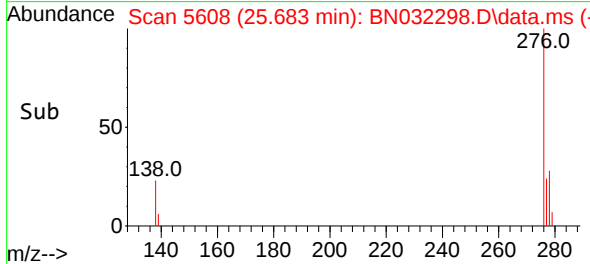
Instrument :
BNA_N
ClientSampleId :
A4B45DL



Tgt Ion:278 Resp: 546
Ion Ratio Lower Upper
278 100
139 56.2 15.9 23.9
279 54.2 21.1 31.7

Manual Integrations
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Supervised By :mohammad ahmed 06/28/2024



#29
Benzo(g,h,i)perylene
Concen: 0.202 ng/ul
RT: 26.357 min Scan# 5809
Delta R.T. -0.024 min
Lab File: BN032298.D
Acq: 28 Jun 2024 02:07

Tgt Ion:276 Resp: 19263
Ion Ratio Lower Upper
276 100
138 29.3 19.8 29.6
277 29.0 19.8 29.6

