

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032936.D
 Acq On : 24 Jul 2024 06:57
 Operator : MA/JU
 Sample : P3215-08DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D23DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 07:27:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	5775	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	19476	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	11077	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.944	188	17922	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240	13852	0.400	ng/ul	# 0.00
23) Perylene-d12	23.360	264	15859m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	5411	0.780	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	1751	0.059	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	2665	0.059	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	1366	0.026	ng/ul#	81
10) Acenaphthylene	13.897	152	2794	0.062	ng/ul#	89
12) Fluorene	15.238	166	972	0.023	ng/ul#	90
15) Phenanthrene	16.982	178	10132	0.208	ng/ul	97
16) Anthracene	17.075	178	2615	0.066	ng/ul#	82
19) Fluoranthene	19.017	202	24997	0.444	ng/ul	97
20) Pyrene	19.385	202	22398	0.384	ng/ul	100
21) Benzo(a)anthracene	21.147	228	11076	0.251	ng/ul#	85
22) Chrysene	21.203	228	14787m	0.232	ng/ul	
24) Benzo(b)fluoranthene	22.705	252	20476m	0.366	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	6459m	0.095	ng/ul	
26) Benzo(a)pyrene	23.266	252	12402	0.256	ng/ul#	51
27) Indeno(1,2,3-cd)pyrene	25.579	276	10482	0.160	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.569	278	2607	0.051	ng/ul#	1
29) Benzo(g,h,i)perylene	26.263	276	10364	0.189	ng/ul#	54

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

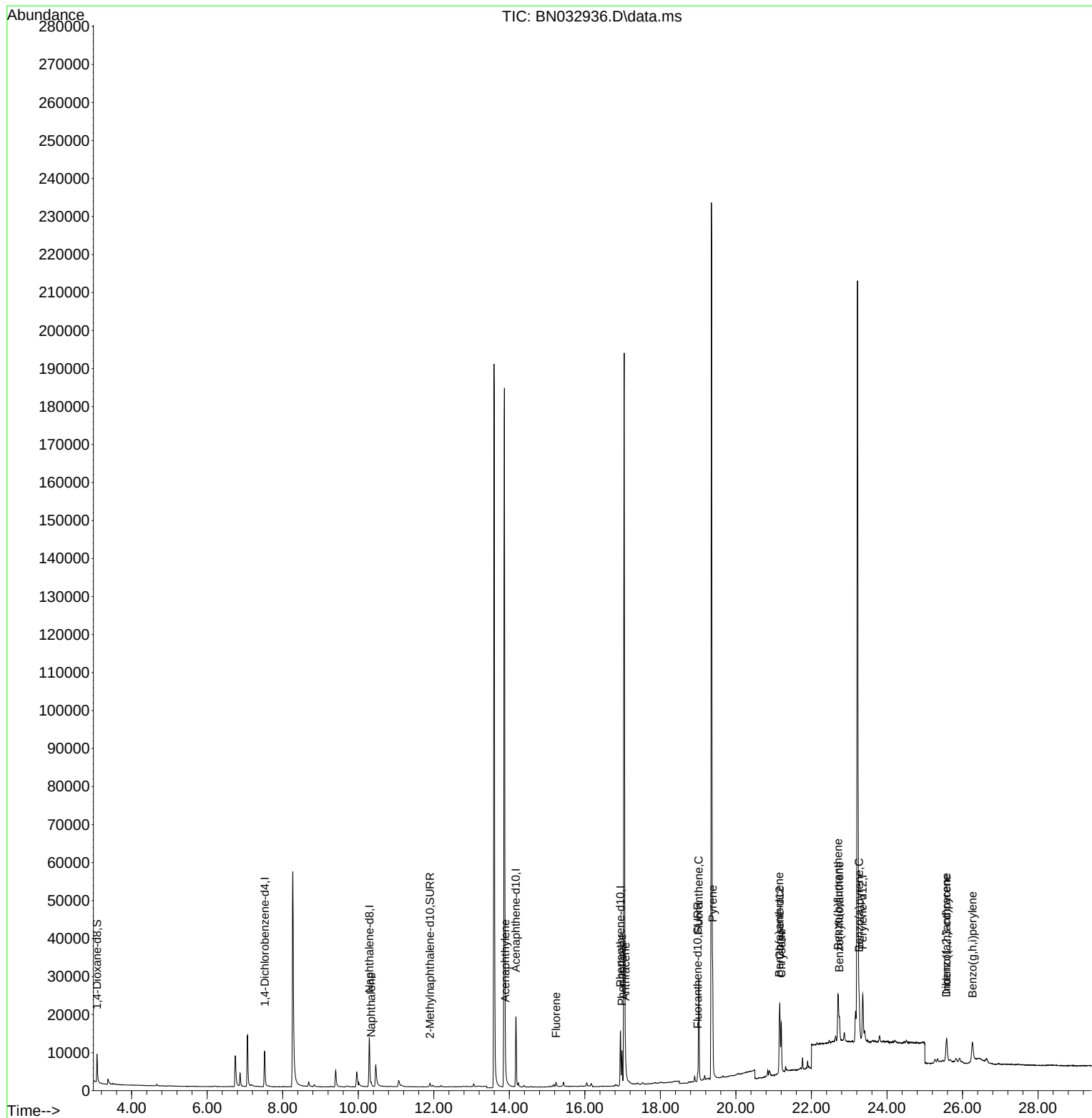
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032936.D
Acq On : 24 Jul 2024 06:57
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ALS Vial : 46 Sample Multiplier: 1

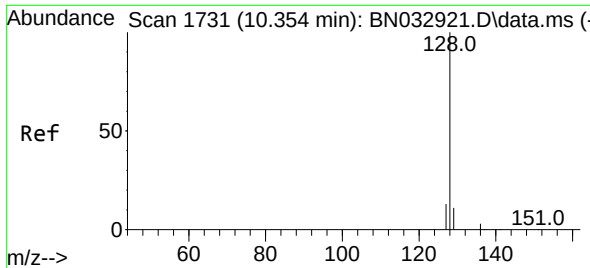
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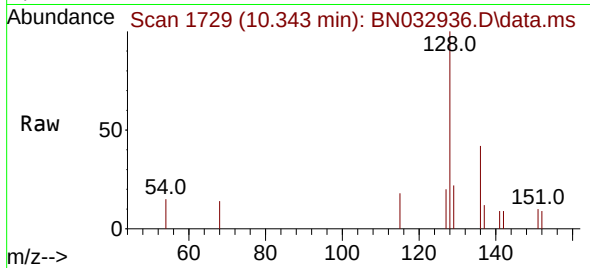
Quant Time: Jul 24 07:27:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.021 min
Lab File: BN032936.D
Acq: 24 Jul 2024 06:57

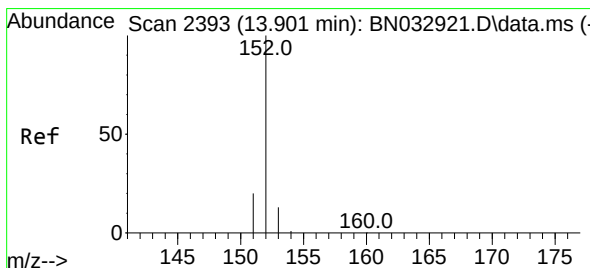
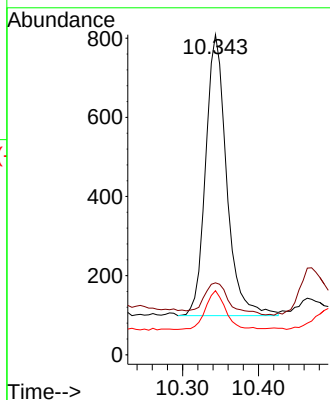
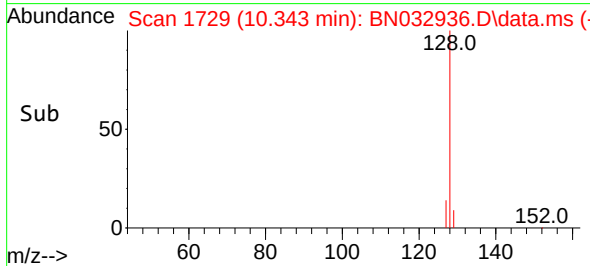
Instrument :
BNA_N
ClientSampleId :
A4D23DL



Tgt Ion:128 Resp: 1360
Ion Ratio Lower Upper
128 100
129 22.5 10.0 15.0#
127 20.0 11.6 17.4#

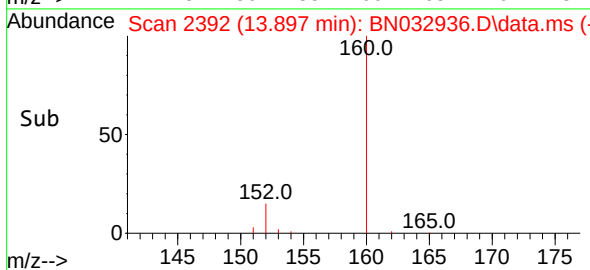
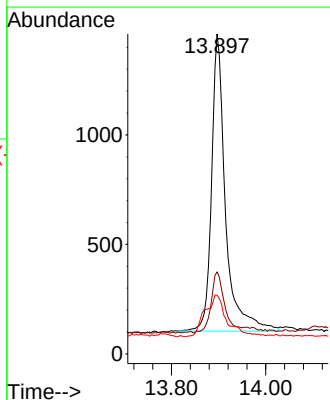
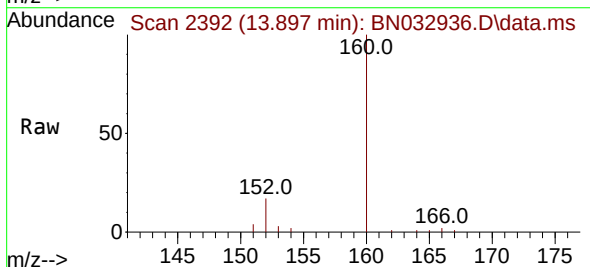
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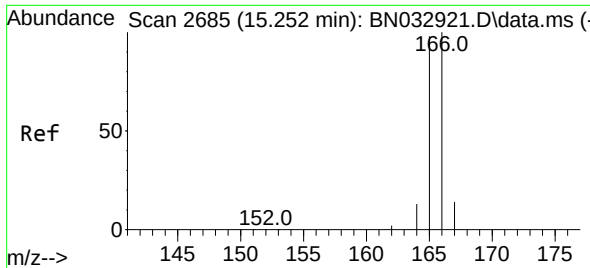
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10
Acenaphthylene
Concen: 0.062 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032936.D
Acq: 24 Jul 2024 06:57

Tgt Ion:152 Resp: 2794
Ion Ratio Lower Upper
152 100
151 25.6 16.3 24.5#
153 18.3 11.3 16.9#





#12

Fluorene

Concen: 0.023 ng/u1

RT: 15.238 min Scan# 20

Delta R.T. -0.022 min

Lab File: BN032936.D

Acq: 24 Jul 2024 06:57

Instrument :

BNA_N

ClientSampleId :

A4D23DL

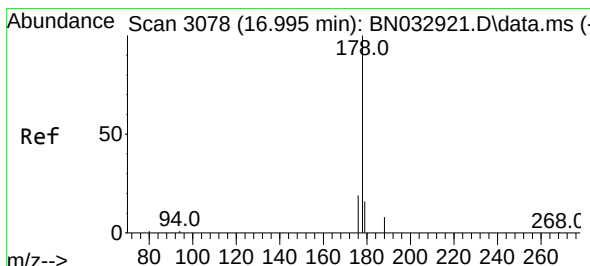
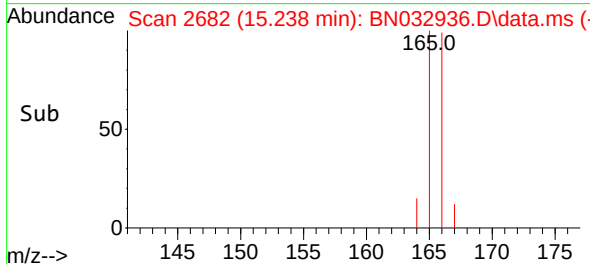
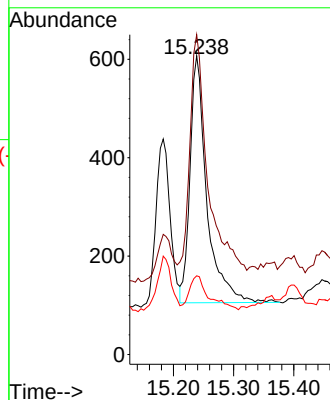
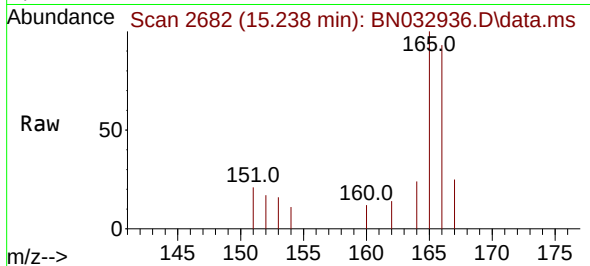
Tgt Ion:166 Resp: 972

Ion	Ratio	Lower	Upper
166	100		
165	107.1	79.7	119.5
167	26.4	11.4	17.2

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#15

Phenanthrene

Concen: 0.208 ng/u1

RT: 16.982 min Scan# 3075

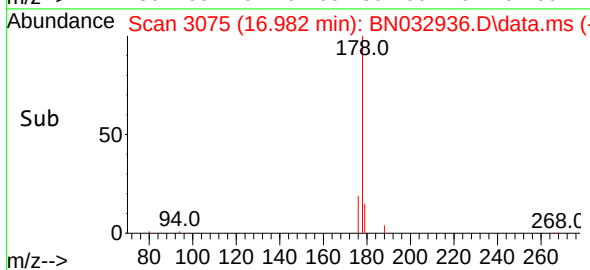
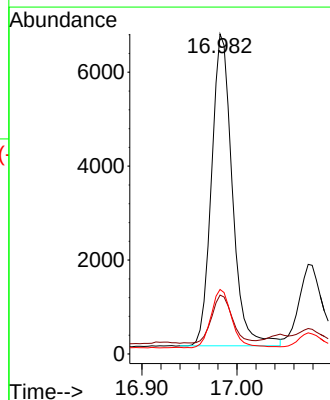
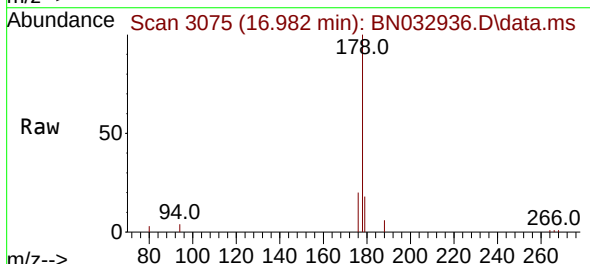
Delta R.T. -0.020 min

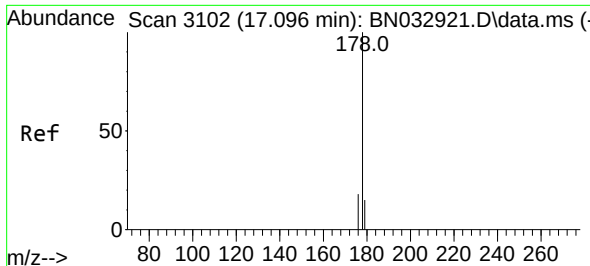
Lab File: BN032936.D

Acq: 24 Jul 2024 06:57

Tgt Ion:178 Resp: 10132

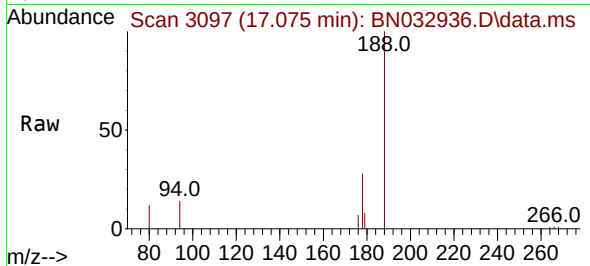
Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.0	19.4
176	20.2	15.6	23.4





#16
 Anthracene
 Concen: 0.066 ng/ul
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.024 min
 Lab File: BN032936.D
 Acq: 24 Jul 2024 06:57

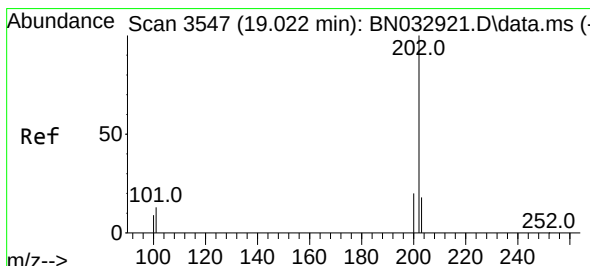
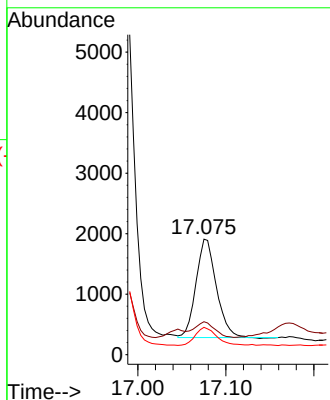
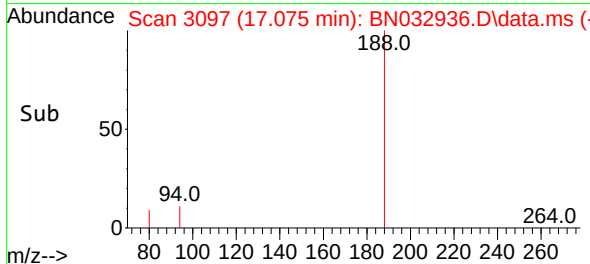
Instrument :
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 ClientSampleId :
 A4D23DL



Tgt Ion:178 Resp: 261
 Ion Ratio Lower Upper
 178 100
 179 28.5 13.4 20.2
 176 23.7 15.4 23.0

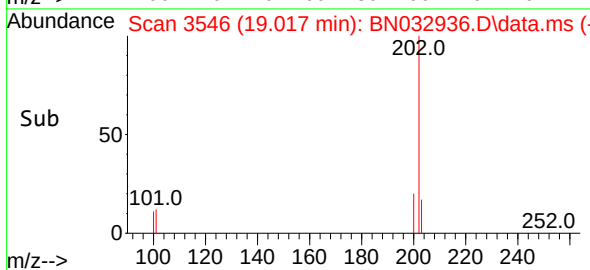
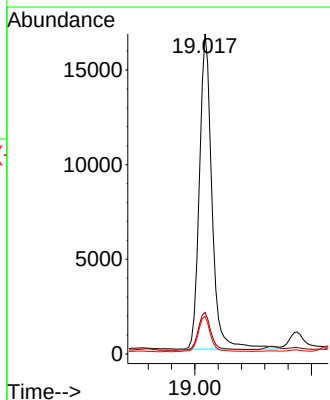
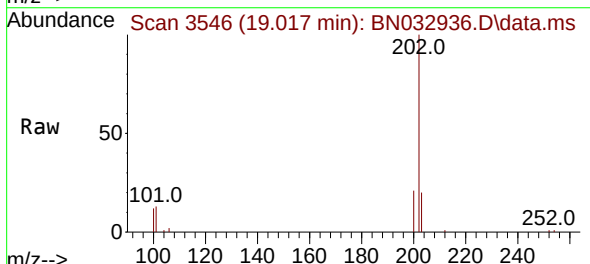
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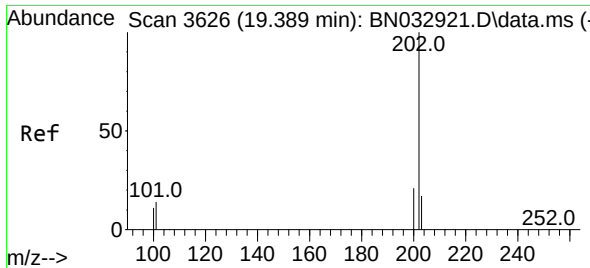
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



#19
 Fluoranthene
 Concen: 0.444 ng/ul
 RT: 19.017 min Scan# 3546
 Delta R.T. -0.008 min
 Lab File: BN032936.D
 Acq: 24 Jul 2024 06:57

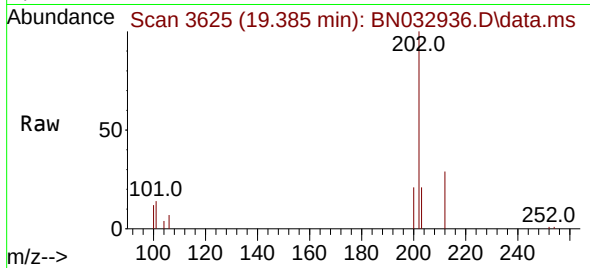
Tgt Ion:202 Resp: 24997
 Ion Ratio Lower Upper
 202 100
 101 13.0 9.8 14.8
 100 11.8 7.9 11.9





#20
Pyrene
Concen: 0.384 ng/u1
RT: 19.385 min Scan# 30
Delta R.T. -0.008 min
Lab File: BN032936.D
Acq: 24 Jul 2024 06:57

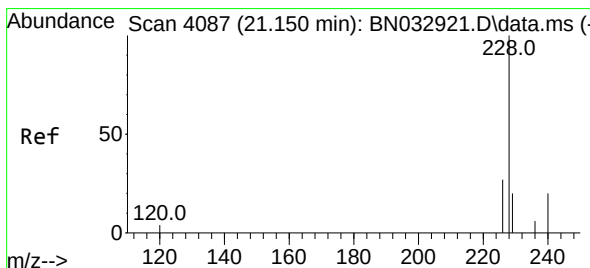
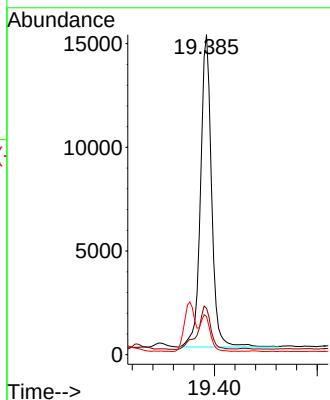
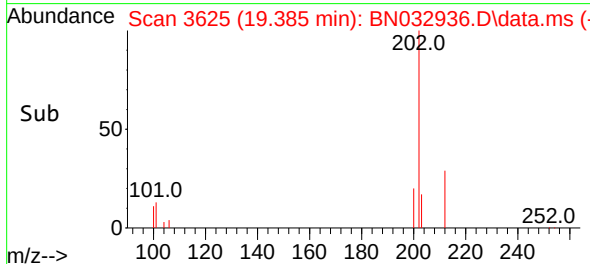
Instrument :
BNA_N
ClientSampleId :
A4D23DL



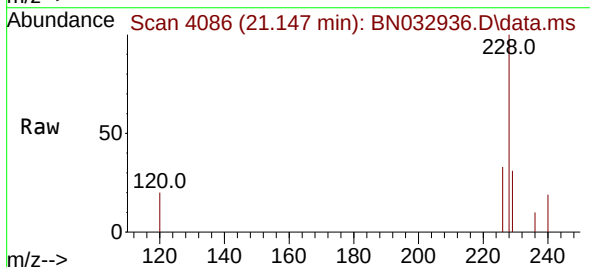
Tgt Ion:202 Resp: 22398
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.6
100 11.9 9.6 14.4

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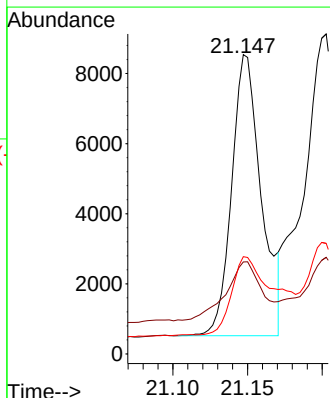
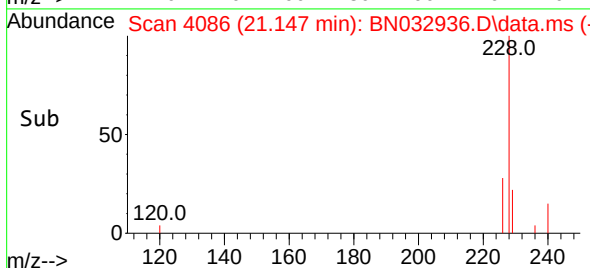
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Supervised By :mohammad ahmed 07/26/2024

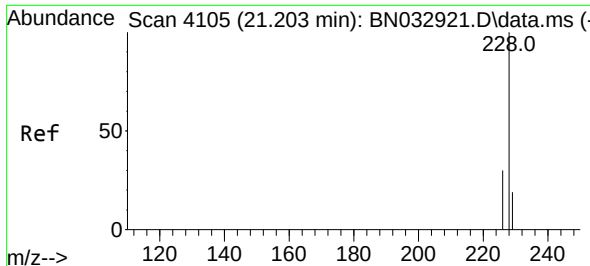


#21
Benzo(a)anthracene
Concen: 0.251 ng/u1
RT: 21.147 min Scan# 4086
Delta R.T. -0.003 min
Lab File: BN032936.D
Acq: 24 Jul 2024 06:57



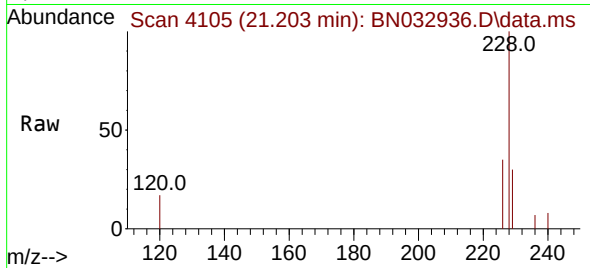
Tgt Ion:228 Resp: 11076
Ion Ratio Lower Upper
228 100
229 30.7 16.1 24.1#
226 32.5 21.9 32.9





#22
Chrysene
Concen: 0.232 ng/ul m
RT: 21.203 min Scan# 4105
Delta R.T. -0.000 min
Lab File: BN032936.D
Acq: 24 Jul 2024 06:57

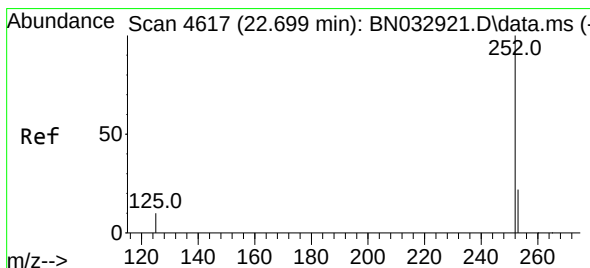
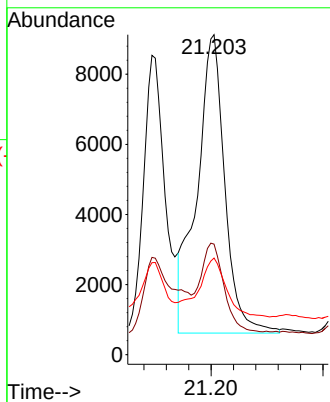
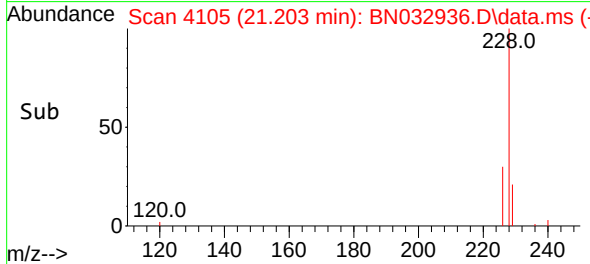
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Tgt Ion:228 Resp: 1478
Ion Ratio Lower Upper
228 100
226 34.6 24.0 36.0
229 30.2 15.8 23.6

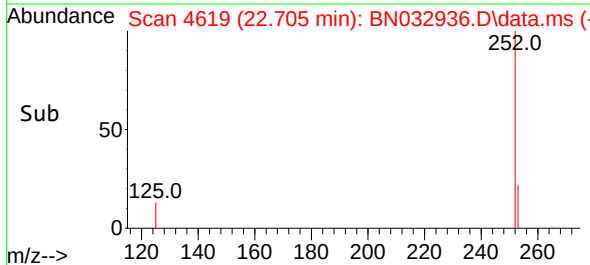
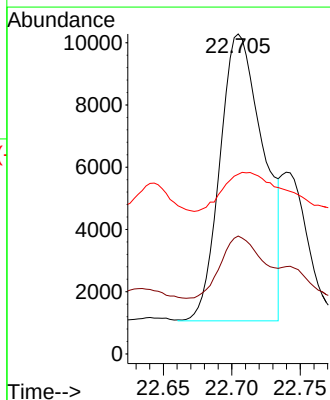
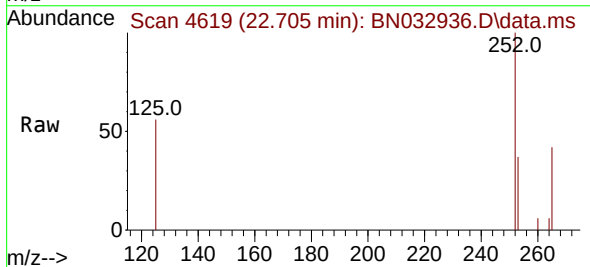
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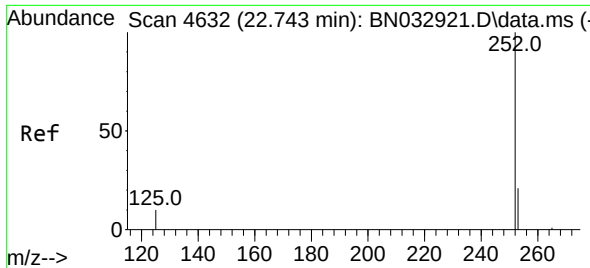
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. 0.006 min
Lab File: BN032936.D
Acq: 24 Jul 2024 06:57

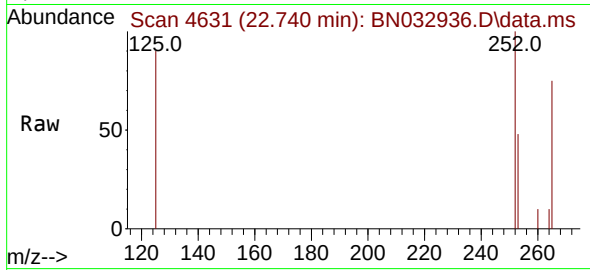
Tgt Ion:252 Resp: 20476
Ion Ratio Lower Upper
252 100
253 36.8 0.0 54.0
125 56.2 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.095 ng/ul m
RT: 22.740 min Scan# 4632
Delta R.T. -0.000 min
Lab File: BN032936.D
Acq: 24 Jul 2024 06:57

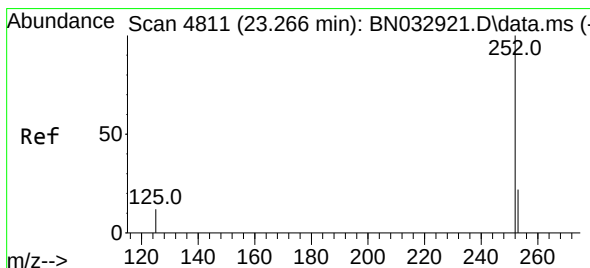
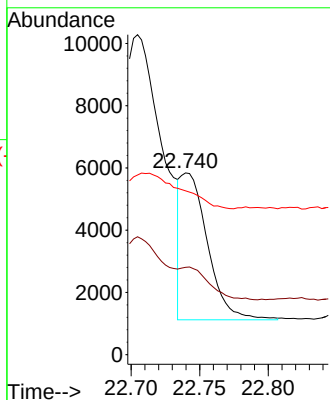
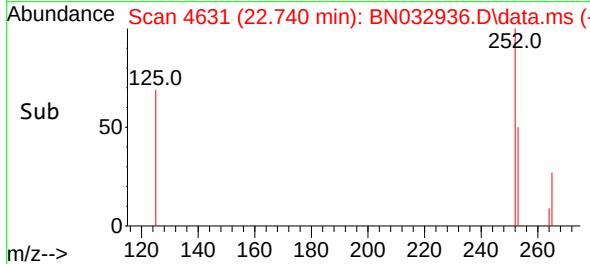
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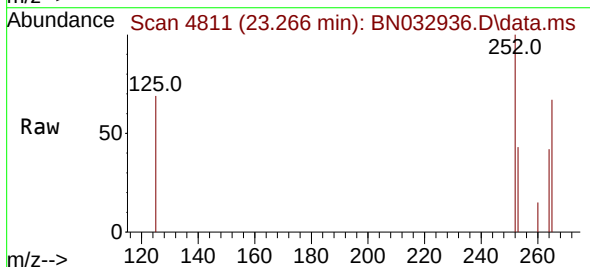
Tgt Ion:252 Resp: 6459
Ion Ratio Lower Upper
252 100
253 48.1 21.2 31.8#
125 90.1 14.8 22.2#

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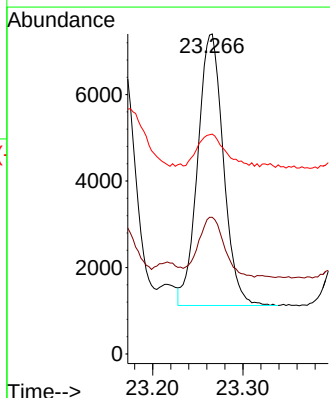
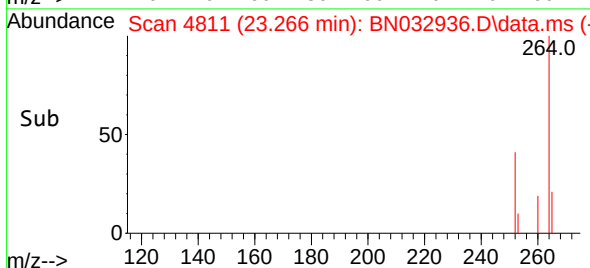
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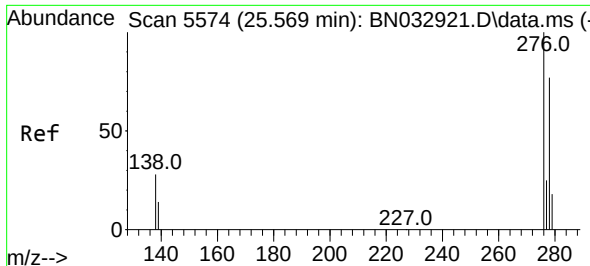


#26
Benzo(a)pyrene
Concen: 0.256 ng/ul
RT: 23.266 min Scan# 4811
Delta R.T. 0.003 min
Lab File: BN032936.D
Acq: 24 Jul 2024 06:57



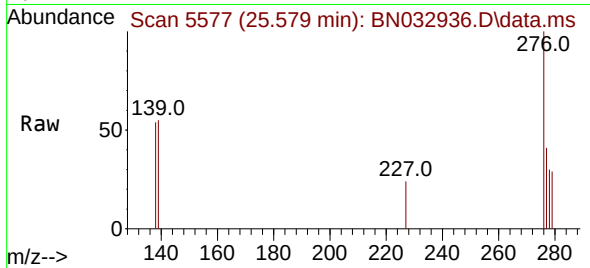
Tgt Ion:252 Resp: 12402
Ion Ratio Lower Upper
252 100
253 42.7 25.4 38.0#
125 68.7 20.6 30.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.160 ng/ul
RT: 25.579 min Scan# 5577
Delta R.T. 0.010 min
Lab File: BN032936.D
Acq: 24 Jul 2024 06:57

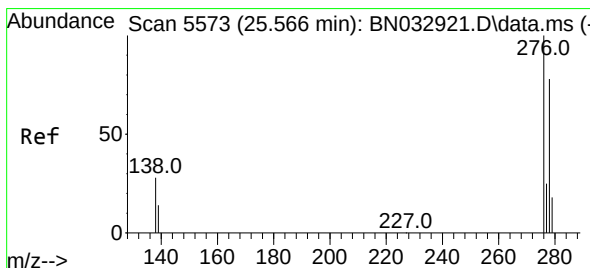
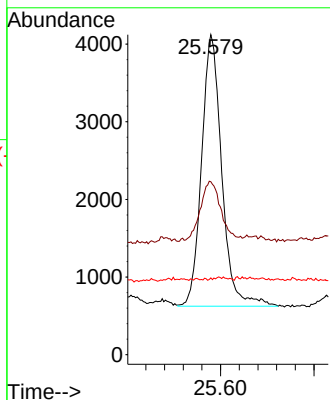
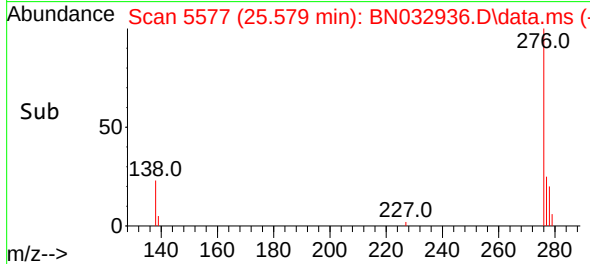
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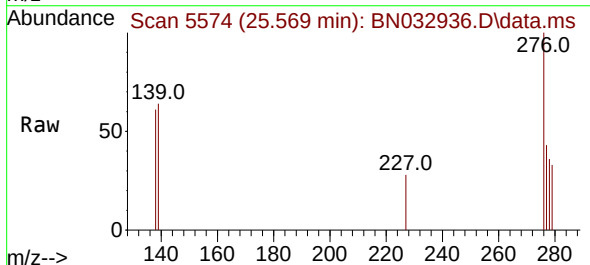
Tgt Ion:276 Resp: 1048
Ion Ratio Lower Upper
276 100
138 22.0 21.6 32.4
227 0.1 0.0 0.0

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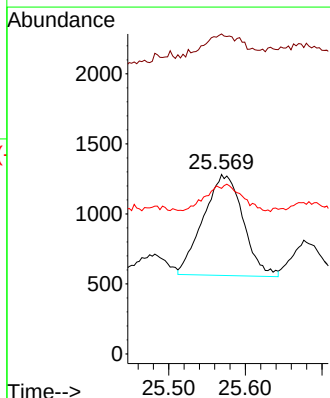
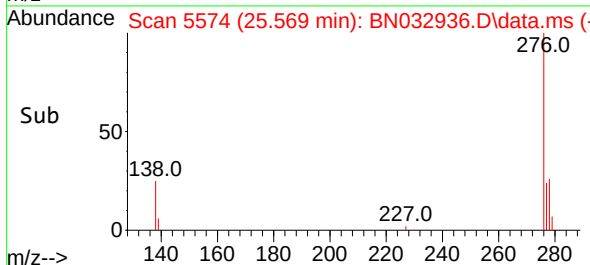
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

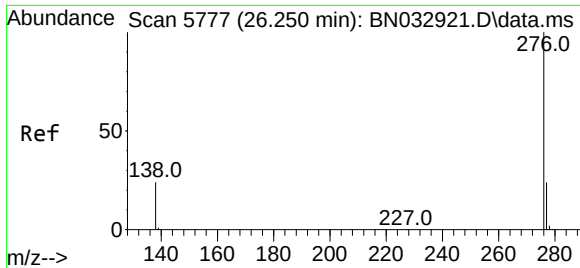


#28
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 25.569 min Scan# 5574
Delta R.T. -0.000 min
Lab File: BN032936.D
Acq: 24 Jul 2024 06:57



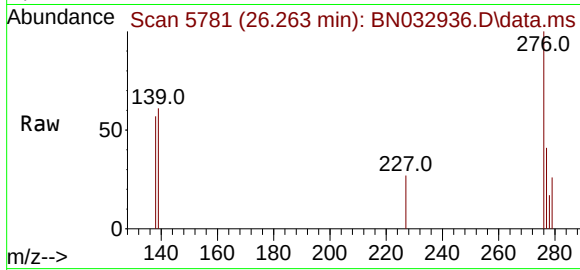
Tgt Ion:278 Resp: 2607
Ion Ratio Lower Upper
278 100
139 178.2 16.6 24.8#
279 92.2 23.7 35.5#





#29
Benzo(g,h,i)perylene
Concen: 0.189 ng/ul
RT: 26.263 min Scan# 51
Delta R.T. 0.013 min
Lab File: BN032936.D
Acq: 24 Jul 2024 06:57

Instrument :
BNA_N
ClientSampleId :
A4D23DL



Tgt Ion:276 Resp: 10364
Ion Ratio Lower Upper
276 100
138 57.2 21.0 31.4
277 41.3 20.6 31.0

Manual Integrations
APPROVED

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