

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032393.D
 Acq On : 02 Jul 2024 10:34
 Operator : MA/JU
 Sample : P2871-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 12:56:44 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							07/02/2024 Supervised By :mohammad ahmed
1) 1,4-Dichlorobenzene-d4	7.608	152	8829	0.400	ng/ul	-0.01	
4) Naphthalene-d8	10.381	136	27780	0.400	ng/ul	-0.02	
9) Acenaphthene-d10	14.252	164	15527	0.400	ng/ul	-0.02	
13) Phenanthrene-d10	17.006	188	26602m	0.400	ng/ul	-0.02	
17) Chrysene-d12	21.213	240	18685m	0.400	ng/ul	-0.01	
23) Perylene-d12	23.429	264	20082m	0.400	ng/ul	-0.02	07/04/2024
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.148	96	27147	2.766	ng/ul	0.00	
6) 2-Methylnaphthalene-d10	11.981	152	9420	0.226	ng/ul	-0.02	
18) Fluoranthene-d10	19.044	212	15480	0.275	ng/ul	-0.02	
Target Compounds							Qvalue
5) Naphthalene	10.430	128	2211	0.030	ng/ul#	86	
10) Acenaphthylene	13.974	152	2720	0.042	ng/ul#	88	
11) Acenaphthene	14.317	153	1237	0.025	ng/ul	96	
12) Fluorene	15.307	166	1356	0.023	ng/ul#	94	
15) Phenanthrene	17.049	178	28131m	0.386	ng/ul		
16) Anthracene	17.141	178	6243m	0.096	ng/ul		
19) Fluoranthene	19.072	202	54884	0.771	ng/ul	97	
20) Pyrene	19.439	202	50451	0.679	ng/ul	99	
21) Benzo(a)anthracene	21.199	228	22539	0.334	ng/ul#	93	
22) Chrysene	21.248	228	26517	0.358	ng/ul#	94	
24) Benzo(b)fluoranthene	22.765	252	37289m	0.427	ng/ul		
25) Benzo(k)fluoranthene	22.803	252	14849m	0.175	ng/ul		
26) Benzo(a)pyrene	23.332	252	25476	0.420	ng/ul#	91	
27) Indeno(1,2,3-cd)pyrene	25.665	276	21354	0.225	ng/ul#	95	
28) Dibenzo(a,h)anthracene	25.668	278	4781	0.068	ng/ul#	15	
29) Benzo(g,h,i)perylene	26.349	276	21369	0.282	ng/ul	92	

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

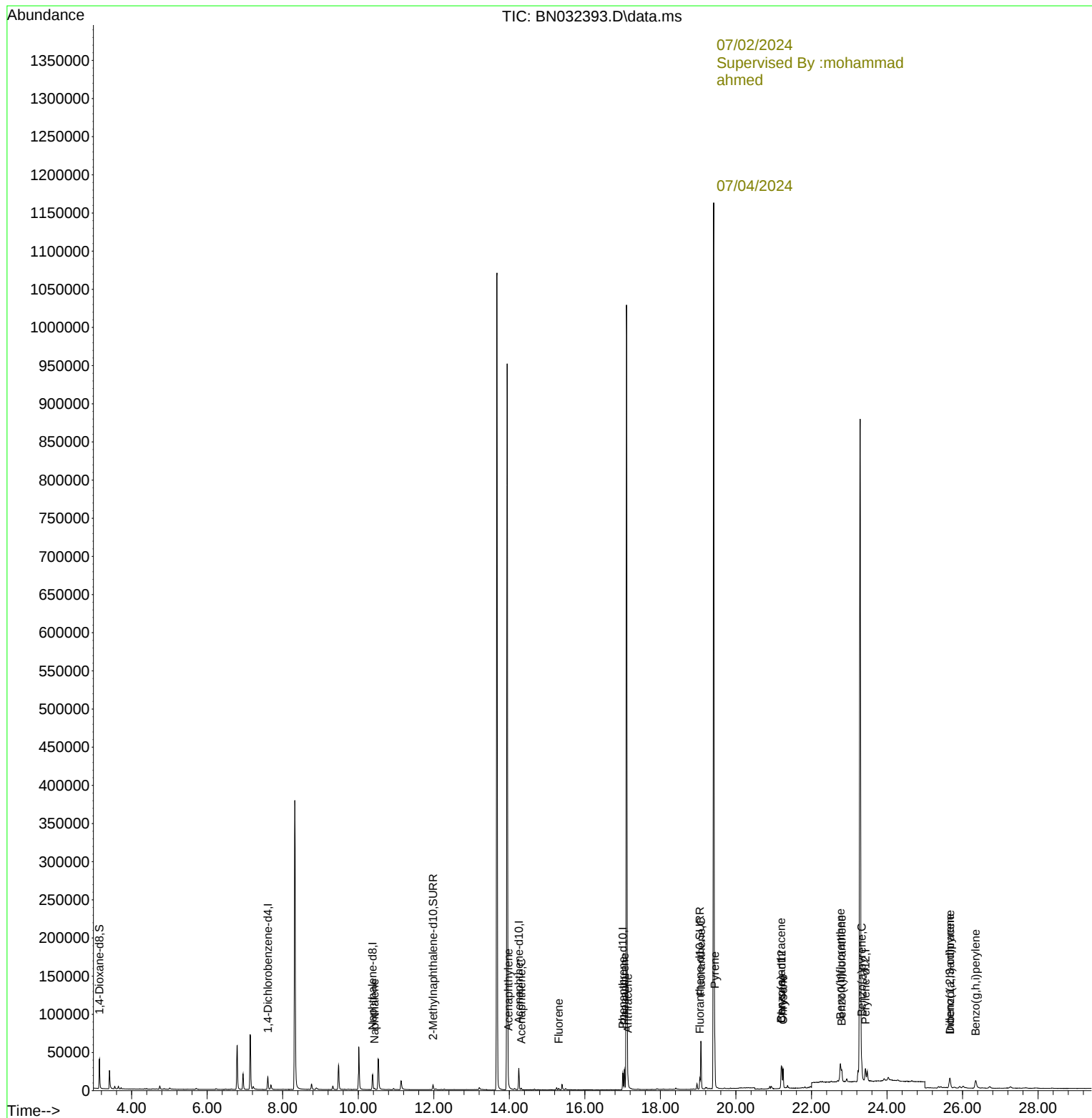
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032393.D
Acq On : 02 Jul 2024 10:34
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ALS Vial : 39 Sample Multiplier: 1

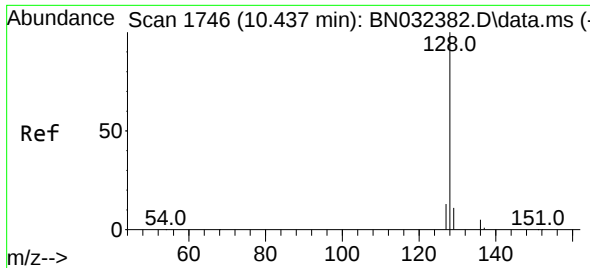
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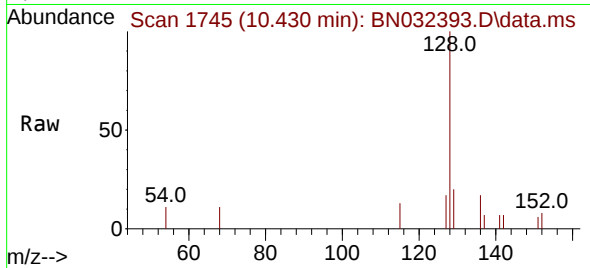
Quant Time: Jul 02 12:56:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.430 min Scan# 1746
Delta R.T. -0.018 min
Lab File: BN032393.D
Acq: 02 Jul 2024 10:34

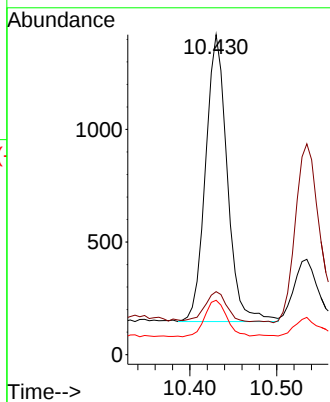
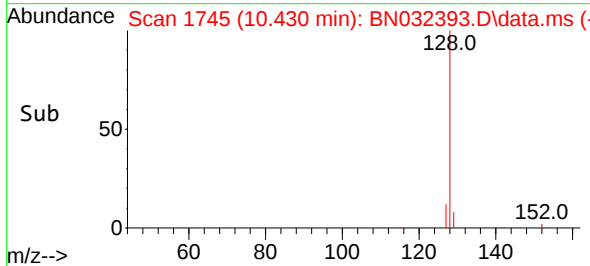
Instrument :
BNA_N
ClientSampleId :
A4CN5



Tgt Ion:128 Resp: 221
Ion Ratio Lower Upper
128 100
129 19.7 9.2 13.8
127 17.0 10.8 16.2

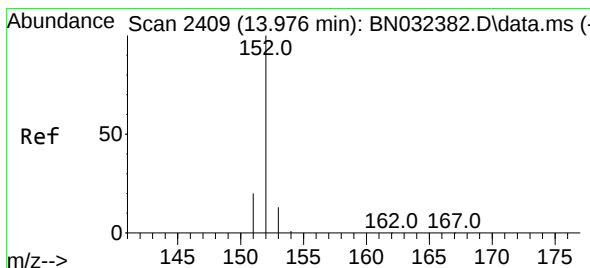
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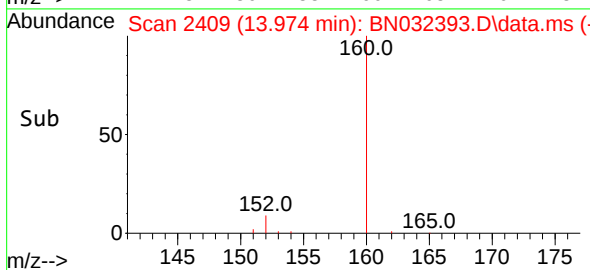
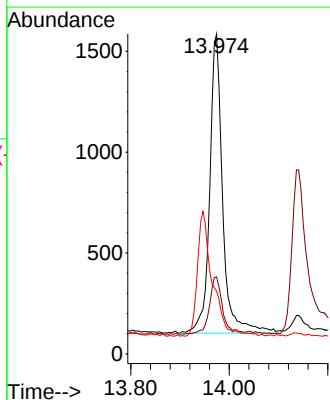
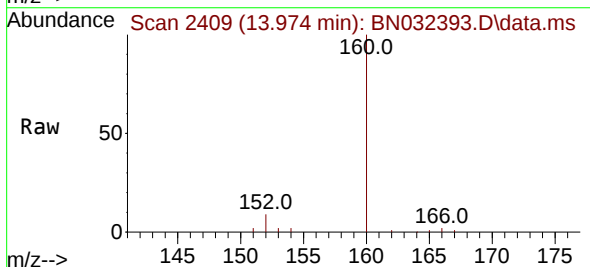
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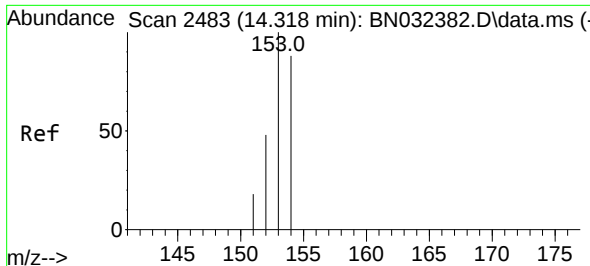
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#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 13.974 min Scan# 2409
Delta R.T. -0.015 min
Lab File: BN032393.D
Acq: 02 Jul 2024 10:34

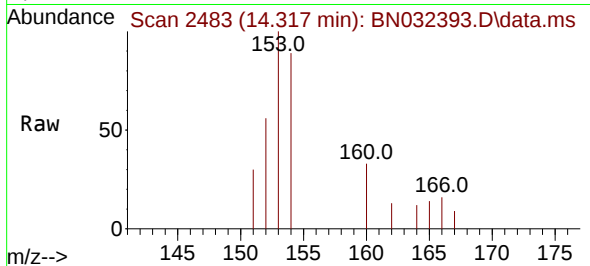
Tgt Ion:152 Resp: 2720
Ion Ratio Lower Upper
152 100
151 24.1 15.7 23.5#
153 19.6 10.9 16.3#





#11
Acenaphthene
Concen: 0.025 ng/u1
RT: 14.317 min Scan# 2483
Delta R.T. -0.015 min
Lab File: BN032393.D
Acq: 02 Jul 2024 10:34

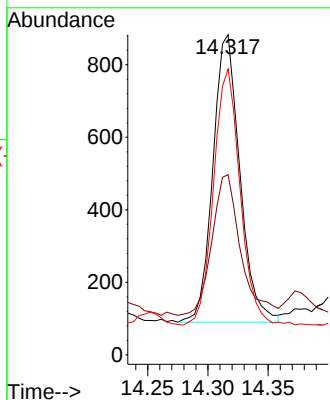
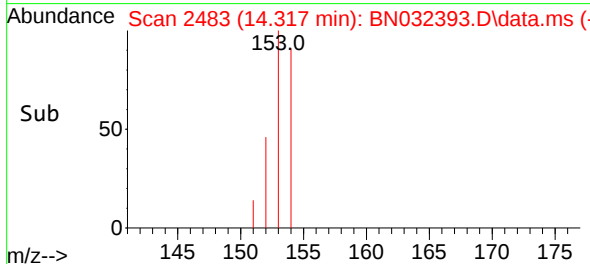
Instrument :
BNA_N
ClientSampleId :
A4CN5



Tgt Ion:153 Resp: 123
Ion Ratio Lower Upper
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152 56.3 39.5 59.3
154 89.2 71.7 107.5

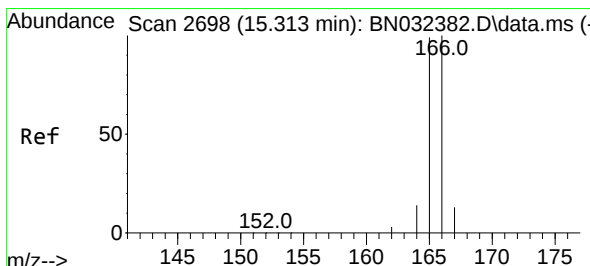
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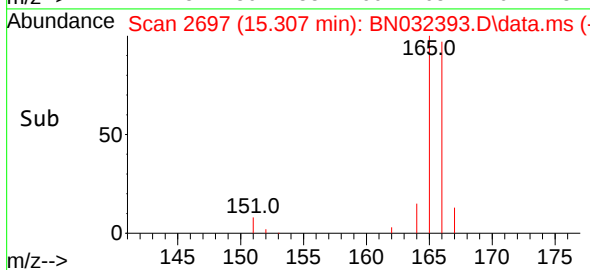
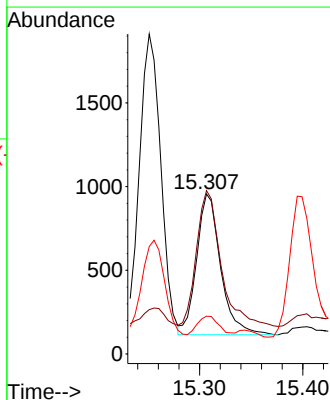
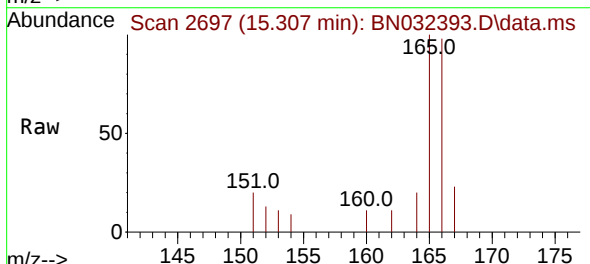
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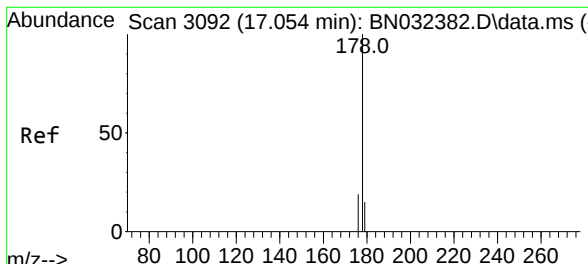
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#12
Fluorene
Concen: 0.023 ng/u1
RT: 15.307 min Scan# 2697
Delta R.T. -0.020 min
Lab File: BN032393.D
Acq: 02 Jul 2024 10:34

Tgt Ion:166 Resp: 1356
Ion Ratio Lower Upper
166 100
165 102.1 79.0 118.6
167 23.6 11.0 16.6#



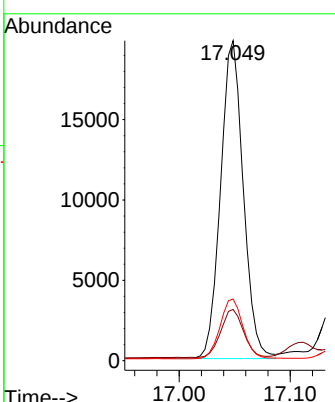
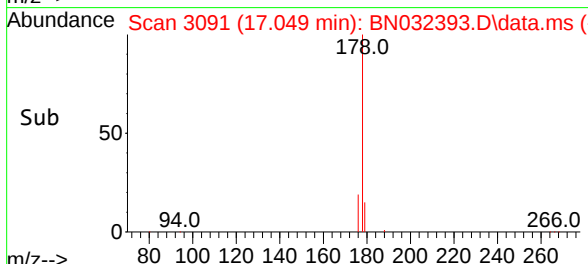
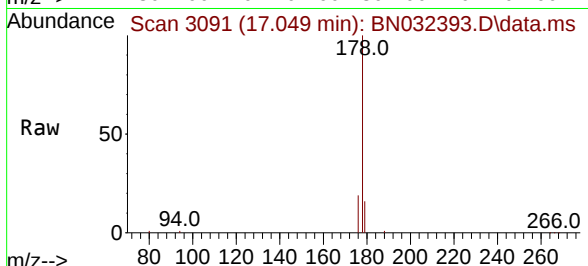


#15
 Phenanthrene
 Concen: 0.386 ng/ul m
 RT: 17.049 min Scan# 3091
 Delta R.T. -0.018 min
 Lab File: BN032393.D
 Acq: 02 Jul 2024 10:34

Instrument : BNA_N
 ClientSampleId : A4CN5

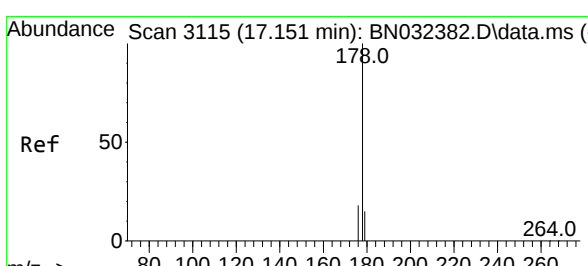
Tgt Ion:	178	Resp:	2813
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	18.8
176	19.3	15.6	23.4

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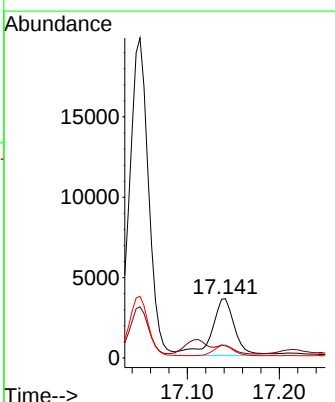
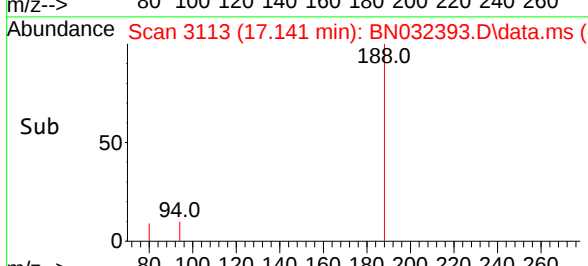
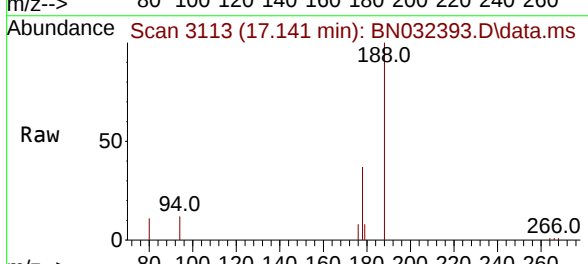
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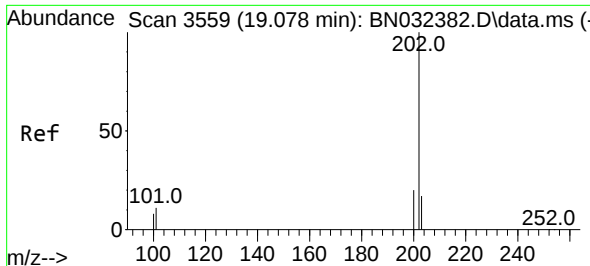
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#16
 Anthracene
 Concen: 0.096 ng/ul m
 RT: 17.141 min Scan# 3113
 Delta R.T. -0.018 min
 Lab File: BN032393.D
 Acq: 02 Jul 2024 10:34

Tgt Ion:	178	Resp:	6243
Ion Ratio	Lower	Upper	
178	100		
179	21.3	12.5	18.7#
176	20.5	15.0	22.6





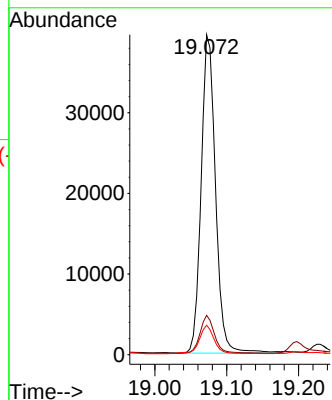
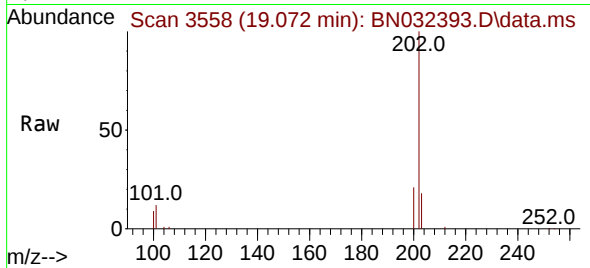
#19
Fluoranthene
Concen: 0.771 ng/ul
RT: 19.072 min Scan# 3558
Delta R.T. -0.020 min
Lab File: BN032393.D
Acq: 02 Jul 2024 10:34

Instrument :
BNA_N
ClientSampleId :
A4CN5

Tgt Ion:202 Resp: 54884
Ion Ratio Lower Upper
202 100
101 12.3 8.8 13.2
100 9.2 6.4 9.6

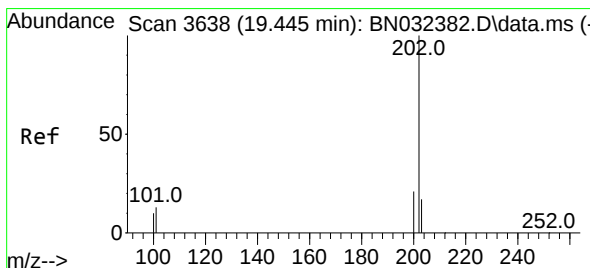
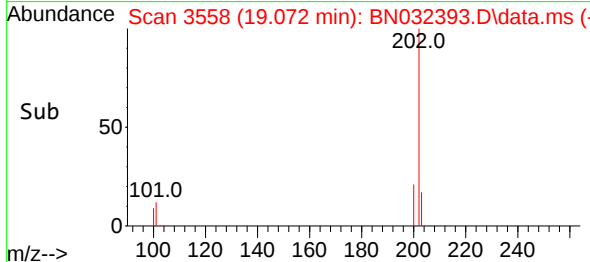
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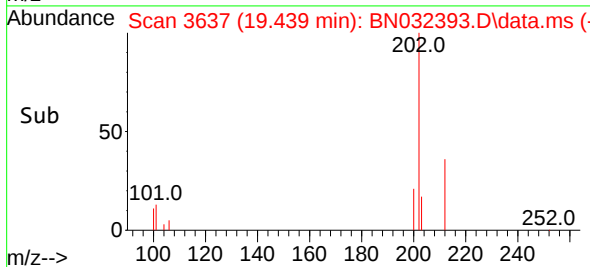
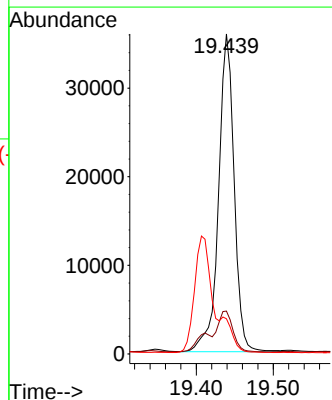
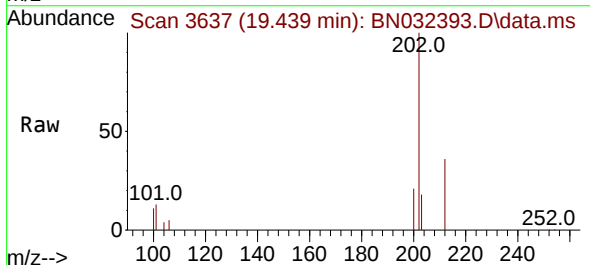
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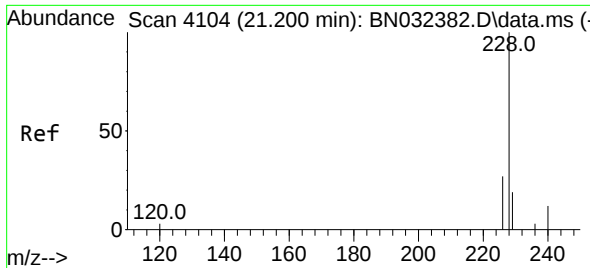
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#20
Pyrene
Concen: 0.679 ng/ul
RT: 19.439 min Scan# 3637
Delta R.T. -0.015 min
Lab File: BN032393.D
Acq: 02 Jul 2024 10:34

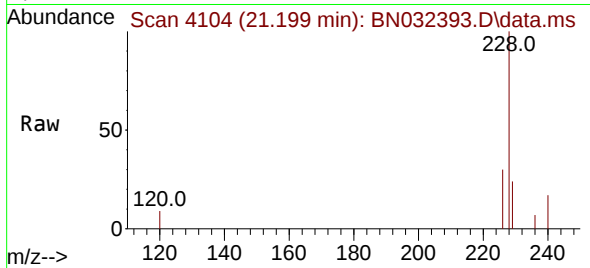
Tgt Ion:202 Resp: 50451
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.4
100 11.0 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.199 min Scan# 4104
Delta R.T. -0.016 min
Lab File: BN032393.D
Acq: 02 Jul 2024 10:34

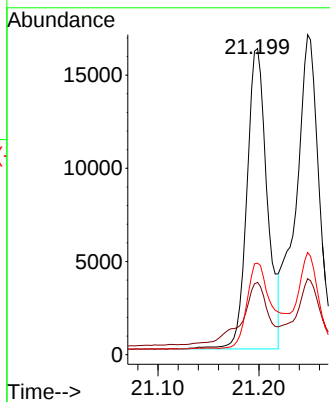
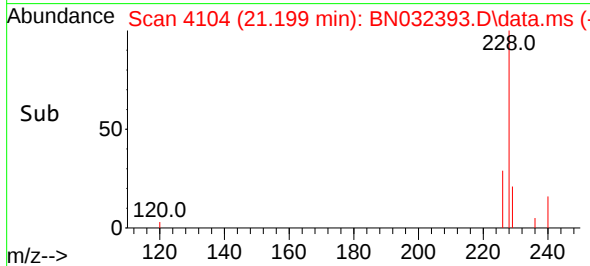
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 22539
Ion Ratio Lower Upper
228 100
229 23.6 15.7 23.5
226 29.9 21.8 32.8

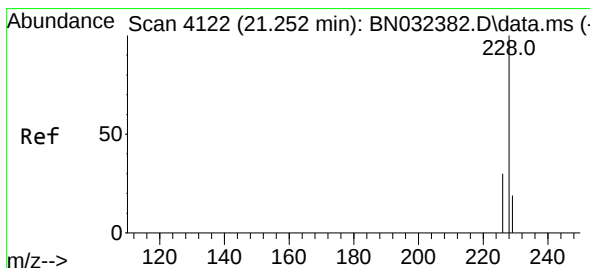
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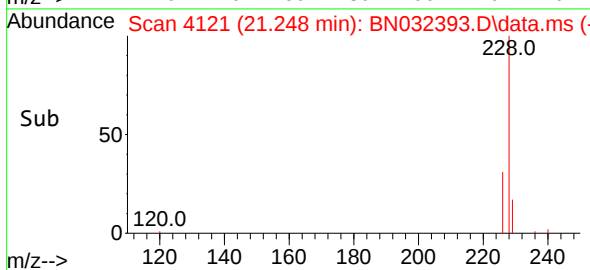
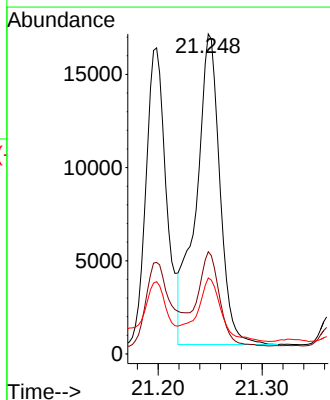
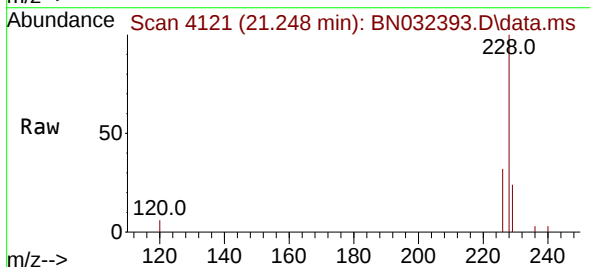
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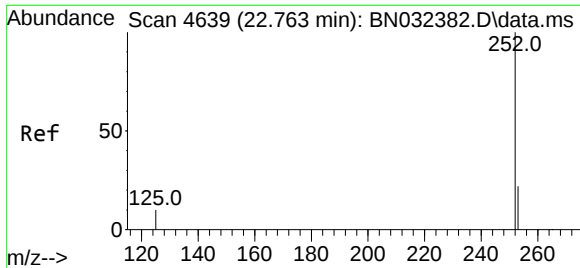
07/04/2024



#22
Chrysene
Concen: 0.358 ng/ul
RT: 21.248 min Scan# 4121
Delta R.T. -0.019 min
Lab File: BN032393.D
Acq: 02 Jul 2024 10:34

Tgt Ion:228 Resp: 26517
Ion Ratio Lower Upper
228 100
226 32.0 23.6 35.4
229 23.7 15.7 23.5





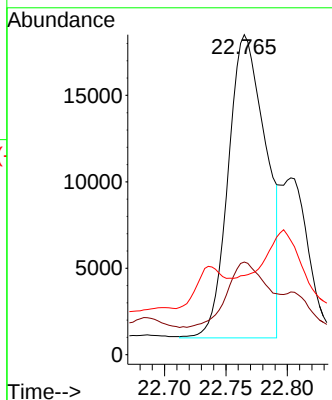
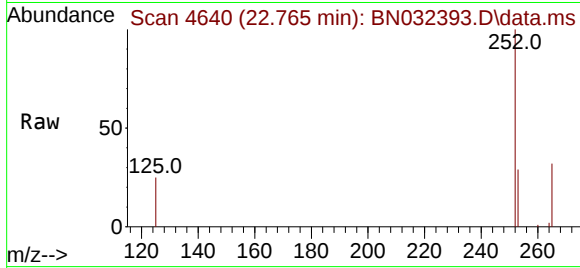
#24
Benzo(b)fluoranthene
Concen: 0.427 ng/ul m
RT: 22.765 min Scan# 4639
Delta R.T. -0.019 min
Lab File: BN032393.D
Acq: 02 Jul 2024 10:34

Instrument :
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ClientSampleId :
A4CN5

Tgt Ion:	252	Resp:	37289
Ion Ratio	Lower	Upper	
252	100		
253	28.9	0.0	50.2
125	24.7	0.0	32.0

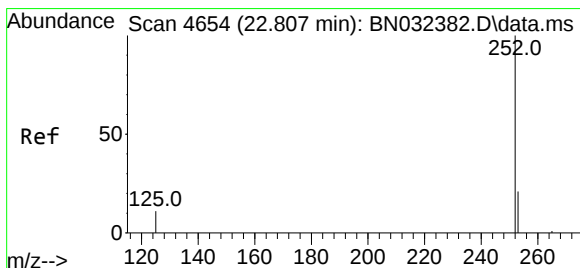
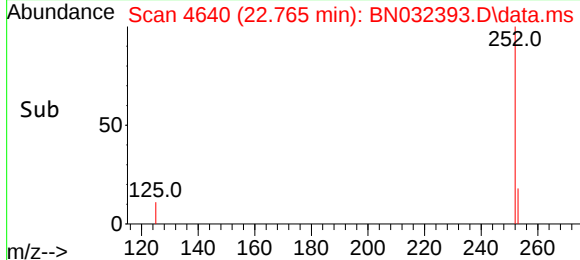
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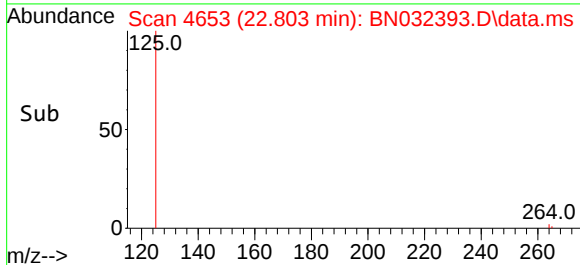
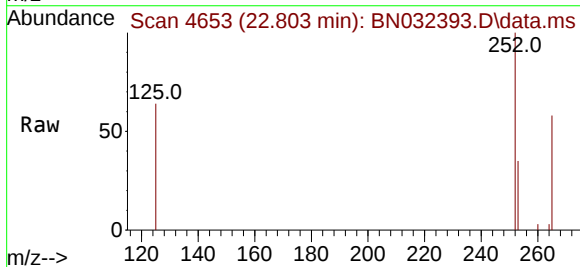
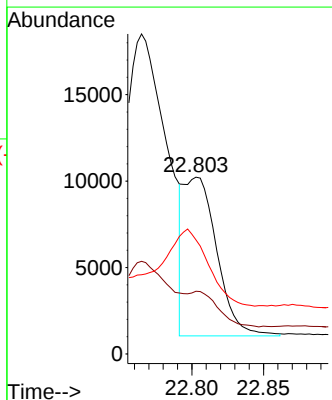
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ahmed

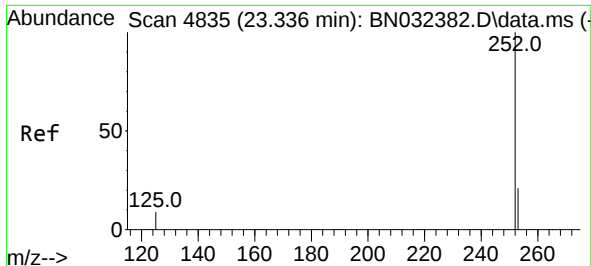
07/04/2024



#25
Benzo(k)fluoranthene
Concen: 0.175 ng/ul m
RT: 22.803 min Scan# 4653
Delta R.T. -0.025 min
Lab File: BN032393.D
Acq: 02 Jul 2024 10:34

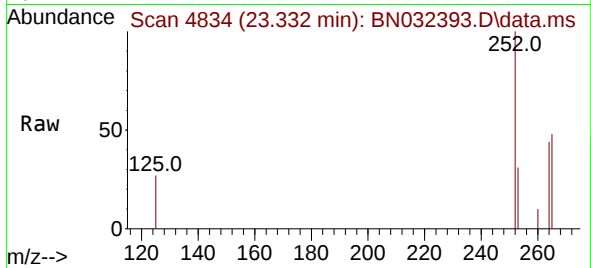
Tgt Ion:	252	Resp:	14849
Ion Ratio	Lower	Upper	
252	100		
253	35.5	20.3	30.5#
125	64.5	12.8	19.2#





#26
Benzo(a)pyrene
Concen: 0.420 ng/ul
RT: 23.332 min Scan# 4834
Delta R.T. -0.028 min
Lab File: BN032393.D
Acq: 02 Jul 2024 10:34

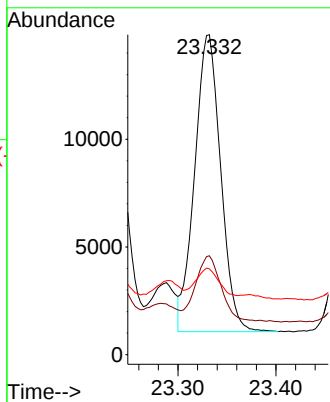
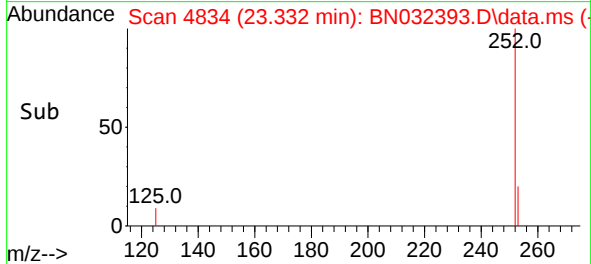
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 25470
Ion Ratio Lower Upper
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253 30.9 22.2 33.2
125 26.8 16.4 24.6

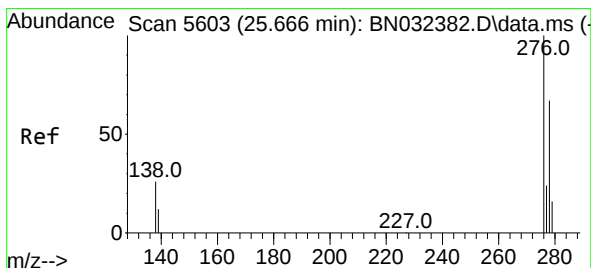
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



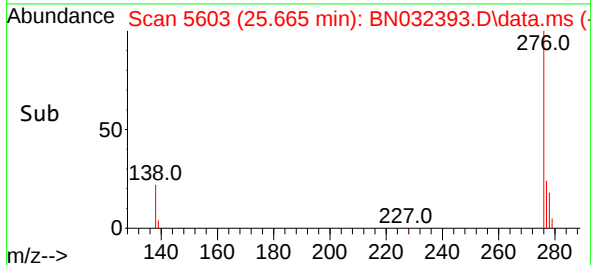
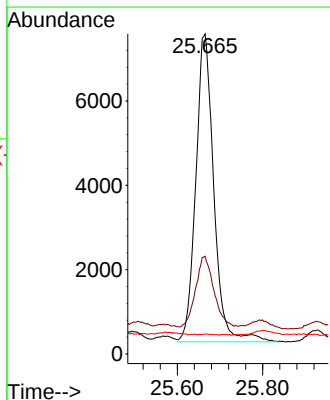
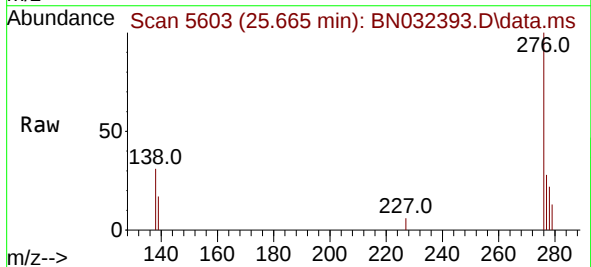
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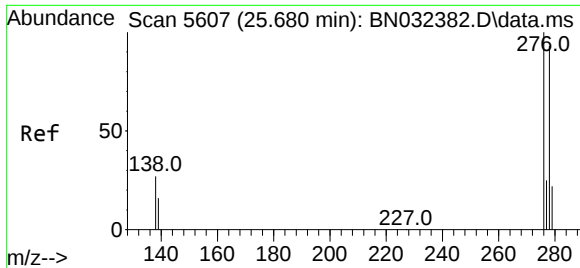
07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.225 ng/ul
RT: 25.665 min Scan# 5603
Delta R.T. -0.035 min
Lab File: BN032393.D
Acq: 02 Jul 2024 10:34

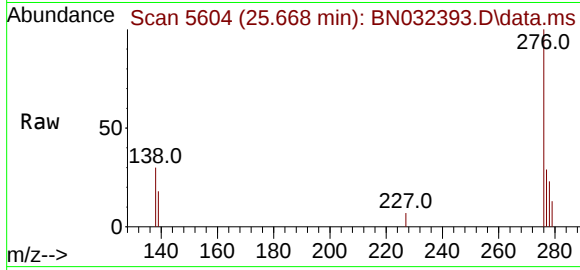
Tgt Ion:276 Resp: 21354
Ion Ratio Lower Upper
276 100
138 23.9 21.3 31.9
227 0.2 0.1 0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.068 ng/ul
 RT: 25.668 min Scan# 5604
 Delta R.T. -0.042 min
 Lab File: BN032393.D
 Acq: 02 Jul 2024 10:34

Instrument :
 BNA_N
 ClientSampleId :
 A4CN5

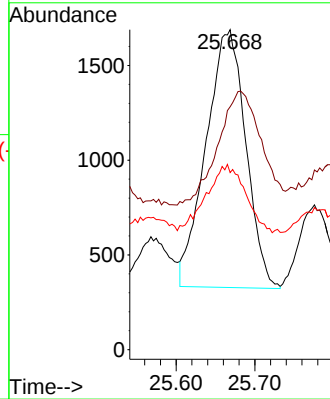
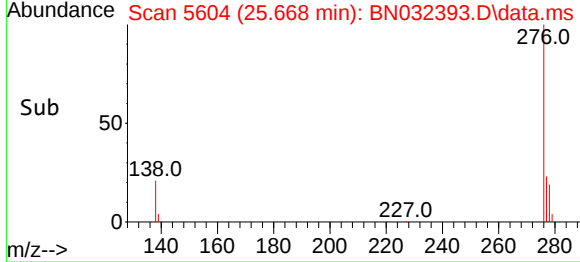


Tgt Ion: 278 Resp: 478

Ion	Ratio	Lower	Upper
278	100		
139	75.9	15.9	23.9
279	55.4	21.1	31.7

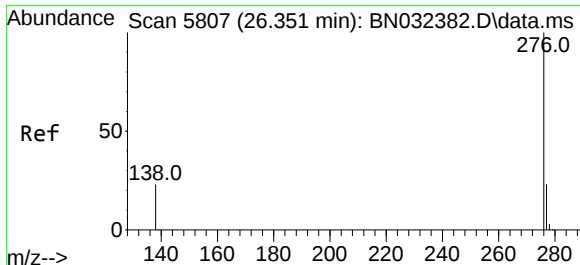
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#29
 Benzo(g,h,i)perylene
 Concen: 0.282 ng/ul
 RT: 26.349 min Scan# 5807
 Delta R.T. -0.031 min
 Lab File: BN032393.D
 Acq: 02 Jul 2024 10:34

Tgt Ion: 276 Resp: 21369

Ion	Ratio	Lower	Upper
276	100		
138	29.3	19.8	29.6
277	28.4	19.8	29.6

