

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032371.D
 Acq On : 01 Jul 2024 20:44
 Operator : MA/JU
 Sample : P2934-10DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 23:45:46 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	7.612	152	7901	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	23565	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	12234	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	20836	0.400	ng/ul	-0.01
17) Chrysene-d12	21.215	240	17275	0.400	ng/ul	#-0.01
23) Perylene-d12	23.433	264	21355	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	4844	0.552	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	1285	0.036	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	2253	0.043	ng/ul	-0.01
Target Compounds						
					Qvalue	
11) Acenaphthene	14.318	153	1184	0.030	ng/ul	96
12) Fluorene	15.313	166	1198	0.025	ng/ul#	91
15) Phenanthrene	17.050	178	16171	0.283	ng/ul	98
16) Anthracene	17.143	178	3938	0.077	ng/ul#	87
19) Fluoranthene	19.078	202	30330	0.461	ng/ul	98
20) Pyrene	19.445	202	27584	0.401	ng/ul	99
21) Benzo(a)anthracene	21.200	228	16049	0.257	ng/ul#	87
22) Chrysene	21.252	228	13542	0.198	ng/ul#	86
24) Benzo(b)fluoranthene	22.769	252	19295m	0.208	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	7685m	0.085	ng/ul	
26) Benzo(a)pyrene	23.336	252	14020	0.217	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	25.670	276	9763	0.097	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.673	278	2501	0.033	ng/ul#	1
29) Benzo(g,h,i)perylene	26.354	276	9981	0.124	ng/ul#	71

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

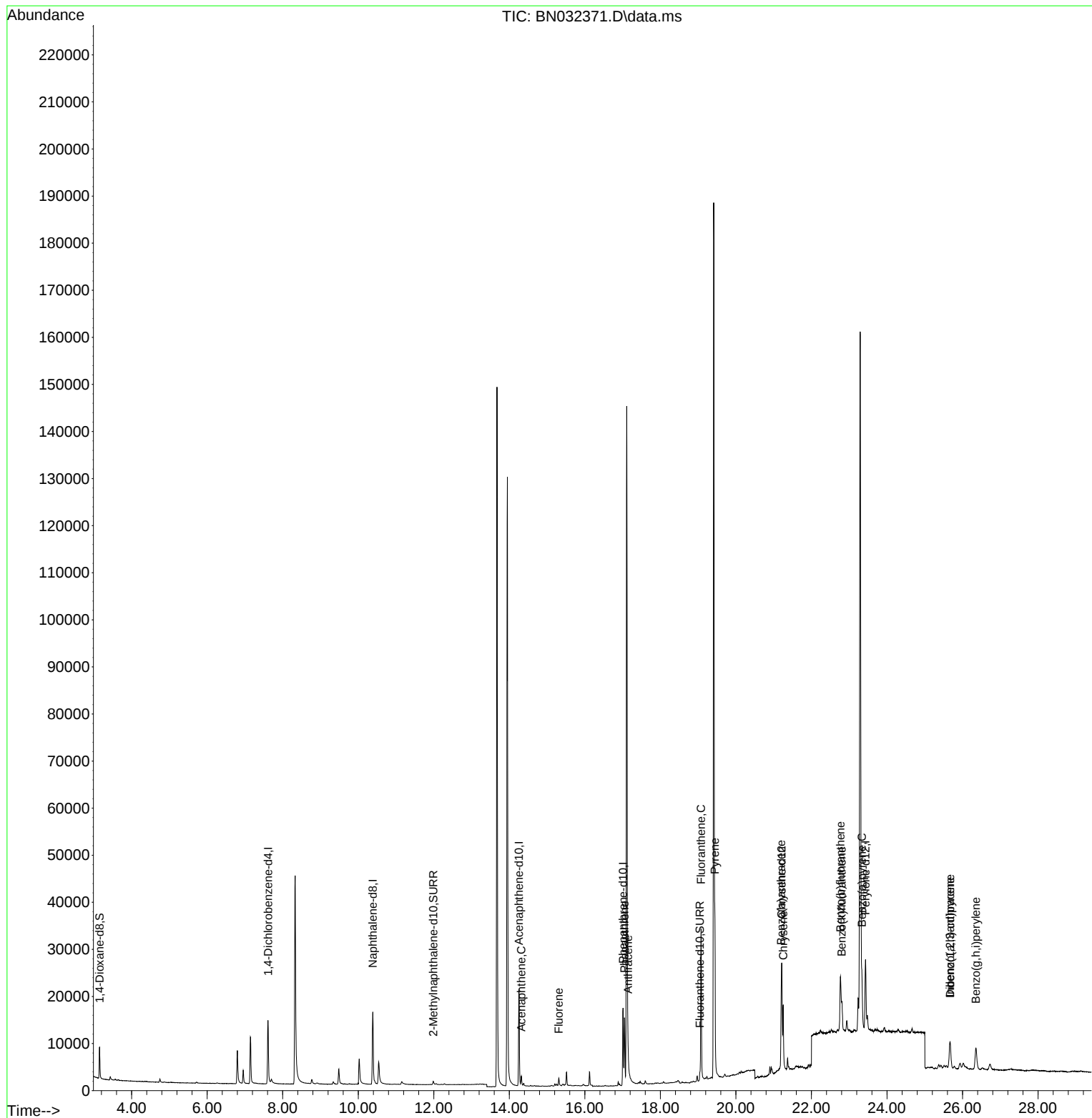
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032371.D
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ALS Vial : 16 Sample Multiplier: 1

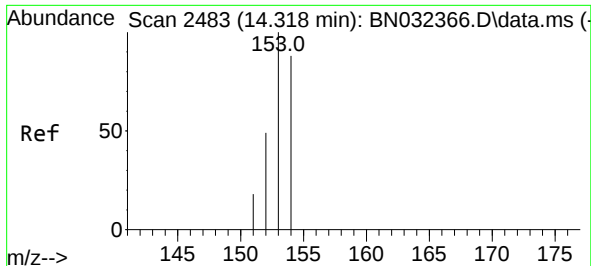
Instrument :
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ClientSampleId :
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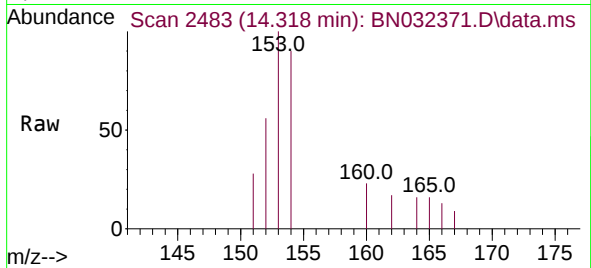
Quant Time: Jul 01 23:45:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

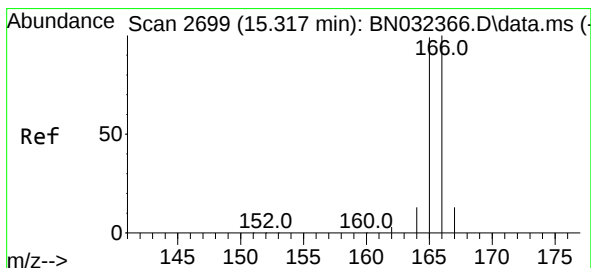
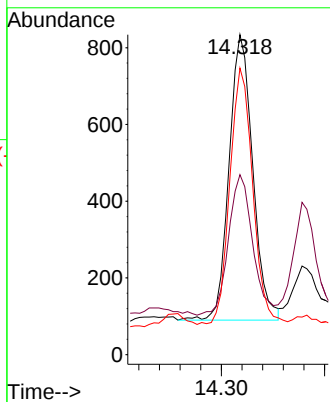
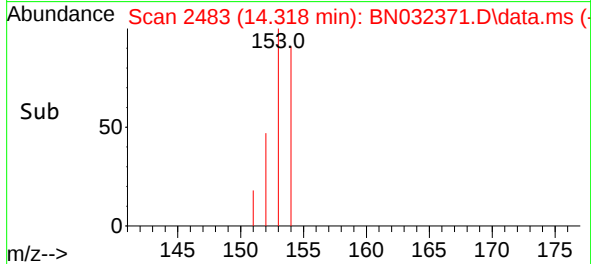
Instrument :
BNA_N
ClientSampleId :
A4CP6DL



Tgt Ion:153 Resp: 1184
Ion Ratio Lower Upper
153 100
152 56.2 39.5 59.3
154 89.6 71.7 107.5

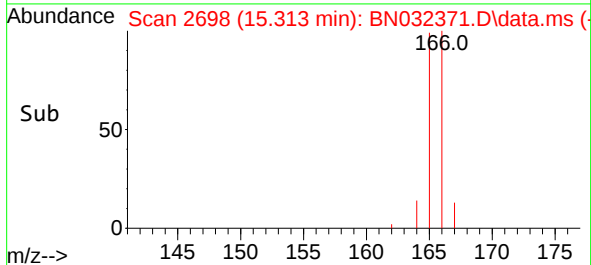
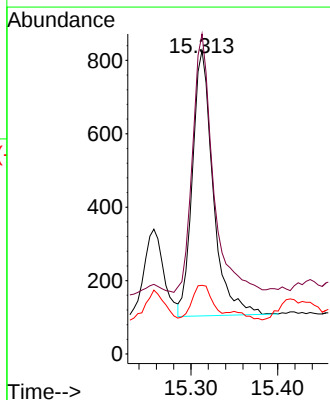
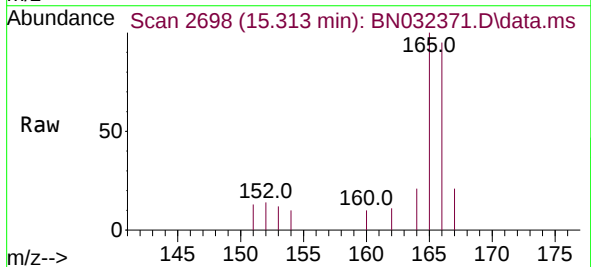
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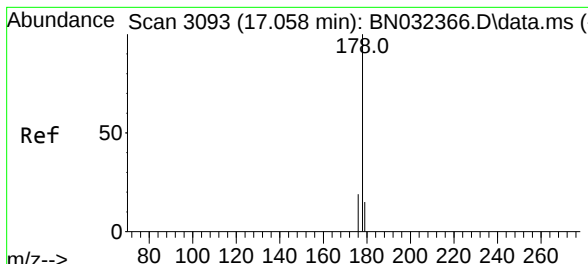
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.313 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

Tgt Ion:166 Resp: 1198
Ion Ratio Lower Upper
166 100
165 105.4 79.0 118.6
167 22.6 11.0 16.6#



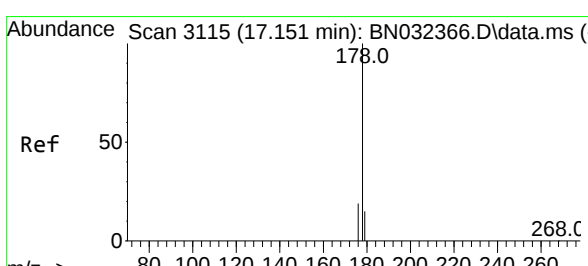
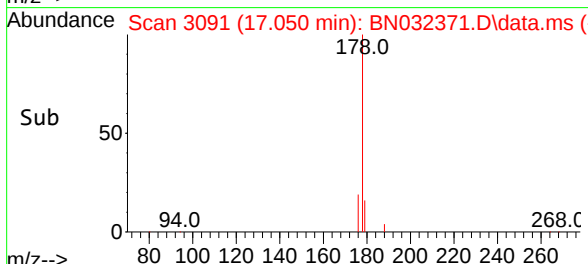
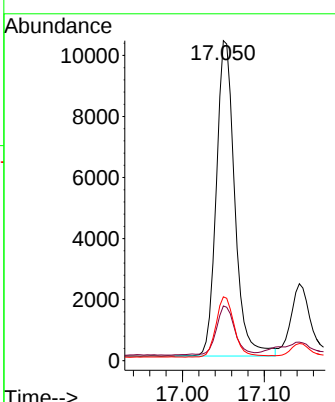
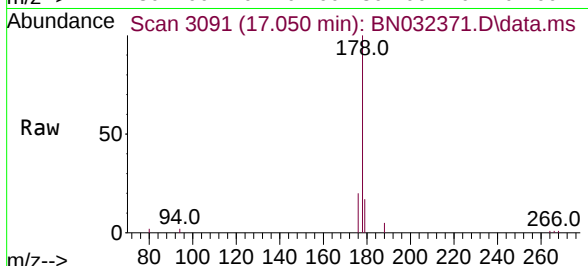


#15
 Phenanthrene
 Concen: 0.283 ng/ul
 RT: 17.050 min Scan# 3091
 Delta R.T. -0.017 min
 Lab File: BN032371.D
 Acq: 01 Jul 2024 20:44

Instrument : BNA_N
 ClientSampleId : A4CP6DL

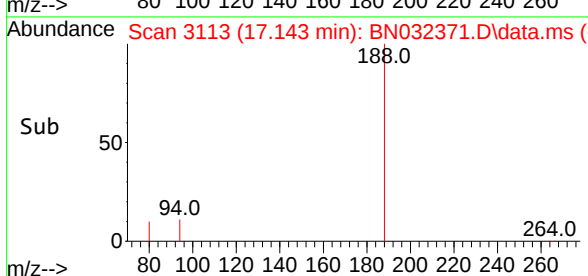
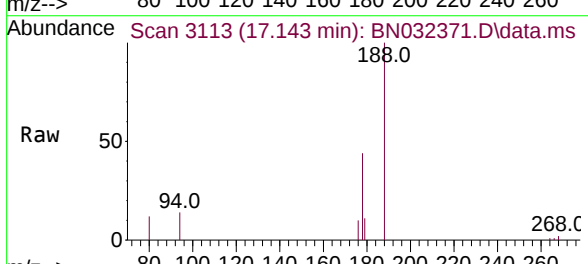
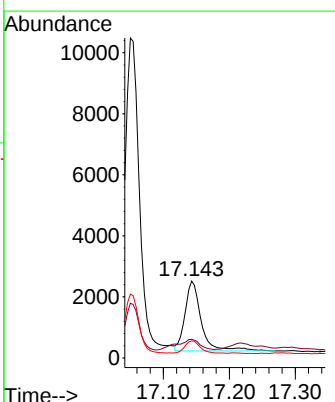
Tgt Ion:	178	Resp:	1617
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.6	18.8
176	19.9	15.6	23.4

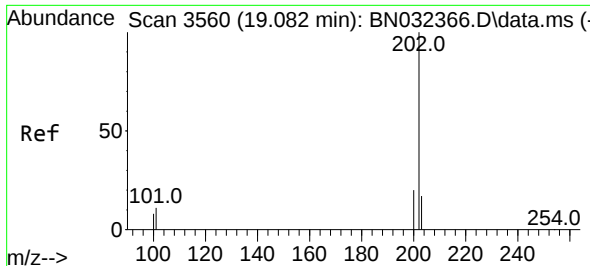
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 Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



#16
 Anthracene
 Concen: 0.077 ng/ul
 RT: 17.143 min Scan# 3113
 Delta R.T. -0.017 min
 Lab File: BN032371.D
 Acq: 01 Jul 2024 20:44

Tgt Ion:	178	Resp:	3938
Ion Ratio	Lower	Upper	
178	100		
179	24.1	12.5	18.7#
176	22.3	15.0	22.6





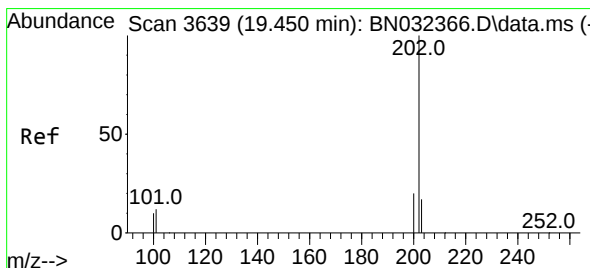
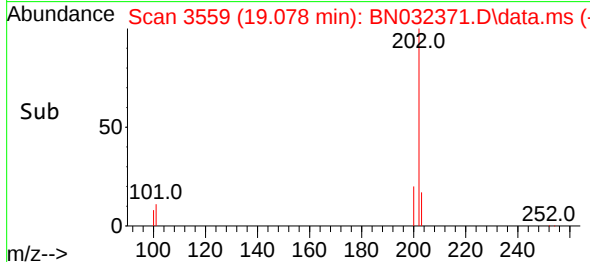
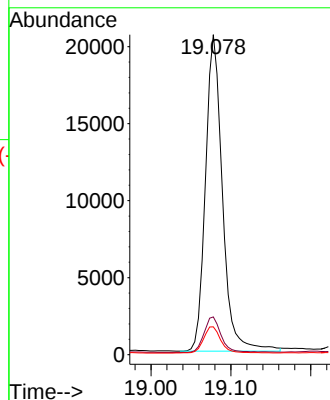
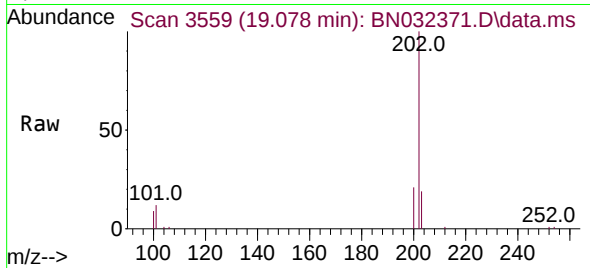
#19
Fluoranthene
Concen: 0.461 ng/ul
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

Instrument :
BNA_N
ClientSampleId :
A4CP6DL

Tgt Ion:202 Resp: 30330
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 8.7 6.4 9.6

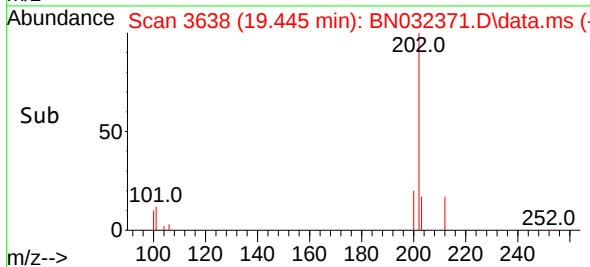
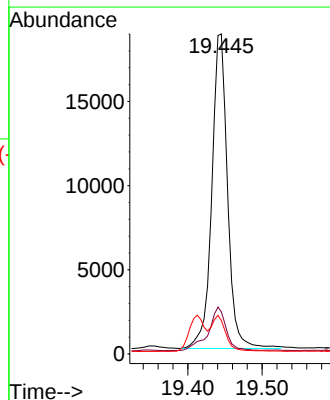
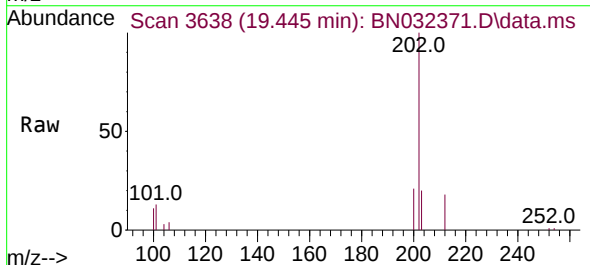
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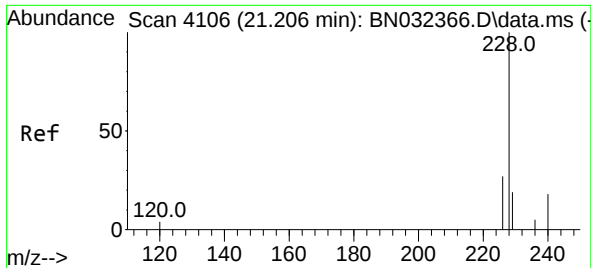
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

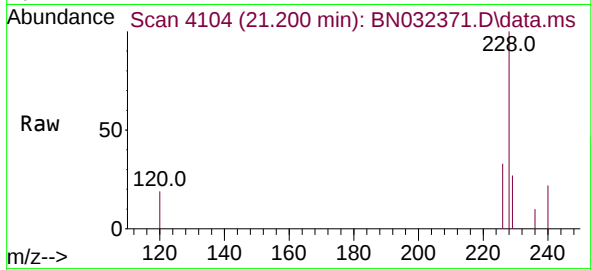
Tgt Ion:202 Resp: 27584
Ion Ratio Lower Upper
202 100
101 13.2 11.0 16.4
100 10.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.257 ng/u1
RT: 21.200 min Scan# 4104
Delta R.T. -0.015 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

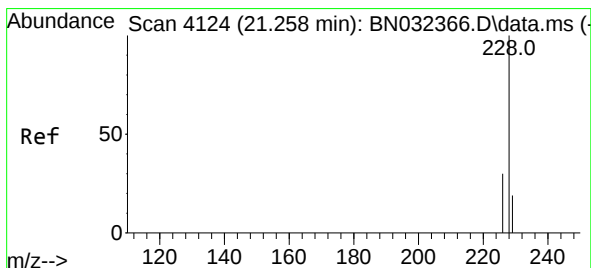
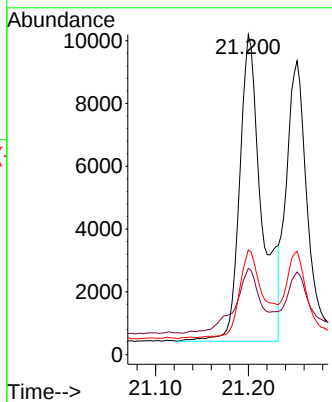
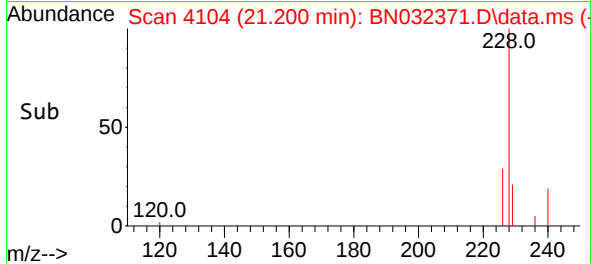
Instrument :
BNA_N
ClientSampleId :
A4CP6DL



Tgt Ion:228 Resp: 16049
Ion Ratio Lower Upper
228 100
229 27.0 15.7 23.5
226 32.7 21.8 32.8

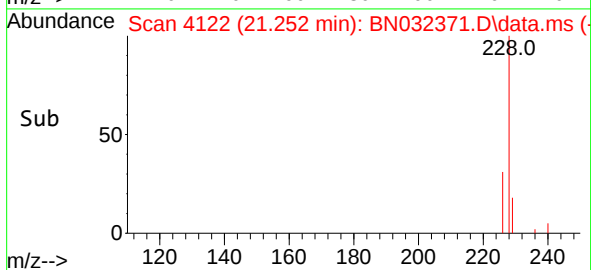
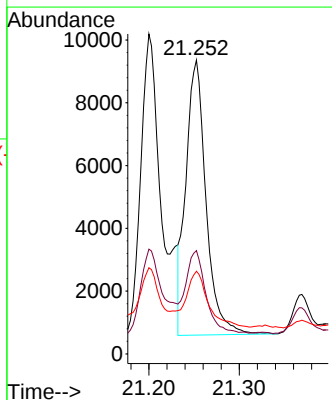
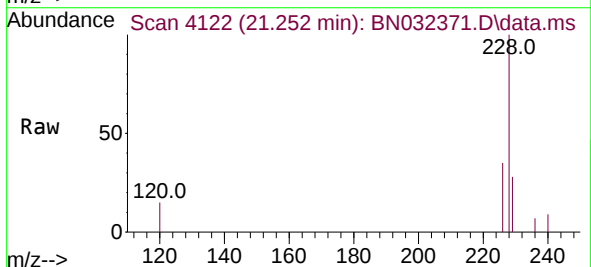
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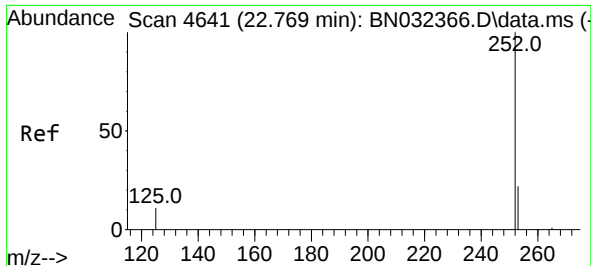
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 0.198 ng/u1
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

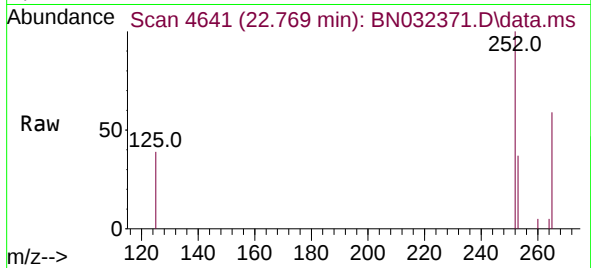
Tgt Ion:228 Resp: 13542
Ion Ratio Lower Upper
228 100
226 35.2 23.6 35.4
229 28.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.208 ng/ul m
RT: 22.769 min Scan# 4641
Delta R.T. -0.015 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

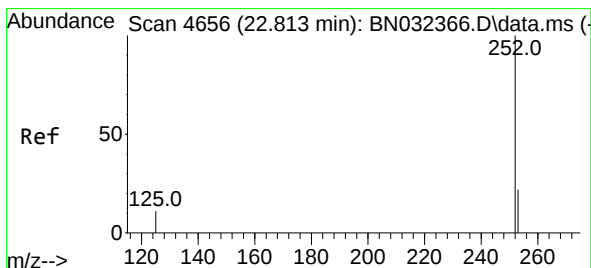
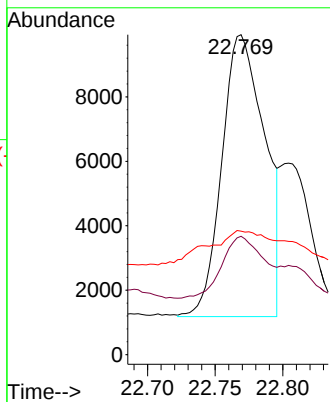
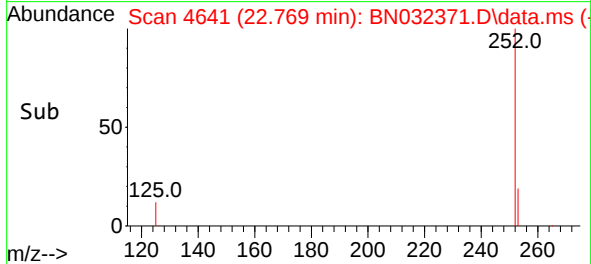
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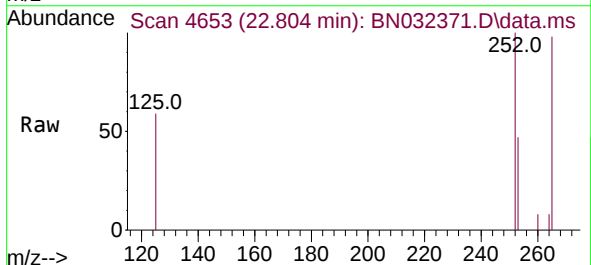
Tgt Ion:252 Resp: 1929
Ion Ratio Lower Upper
252 100
253 37.0 0.0 50.2
125 38.6 0.0 32.0

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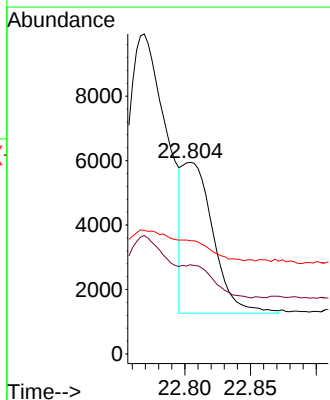
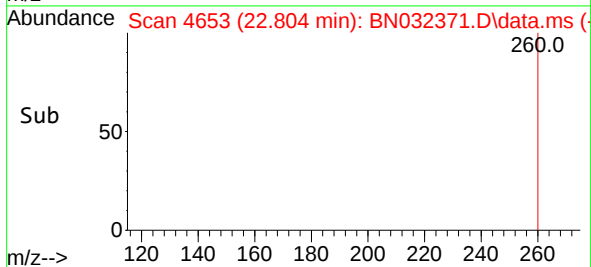
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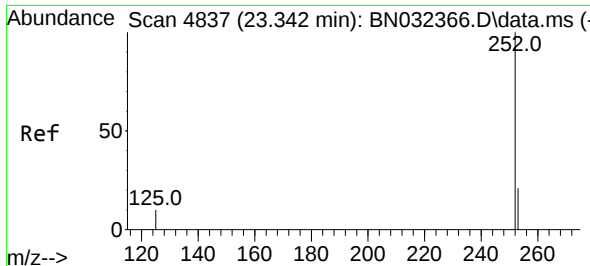


#25
Benzo(k)fluoranthene
Concen: 0.085 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. -0.023 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44



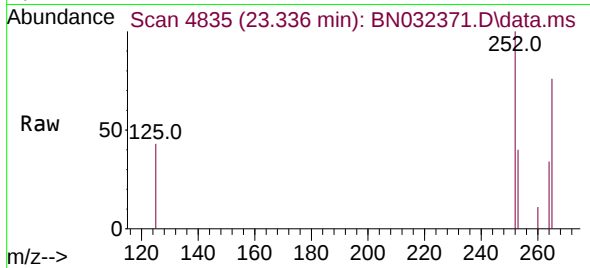
Tgt Ion:252 Resp: 7685
Ion Ratio Lower Upper
252 100
253 46.6 20.3 30.5#
125 59.2 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.217 ng/ul
RT: 23.336 min Scan# 4835
Delta R.T. -0.023 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

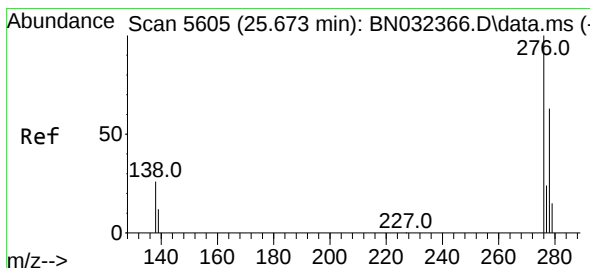
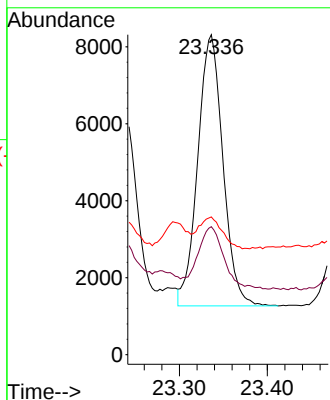
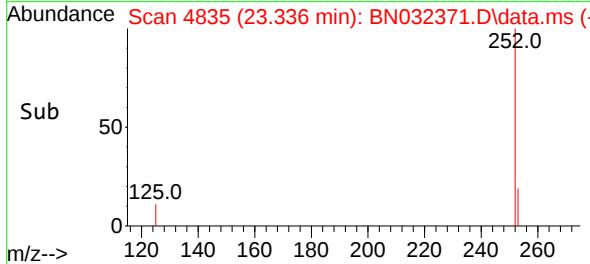
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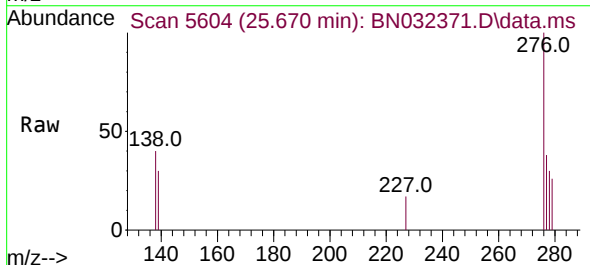
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125 43.0 16.4 24.6

Manual Integrations
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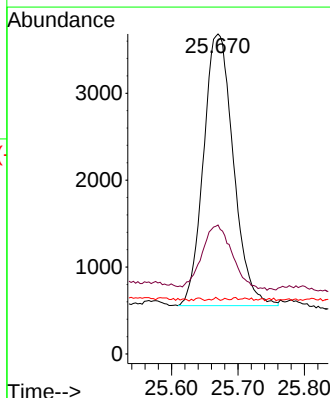
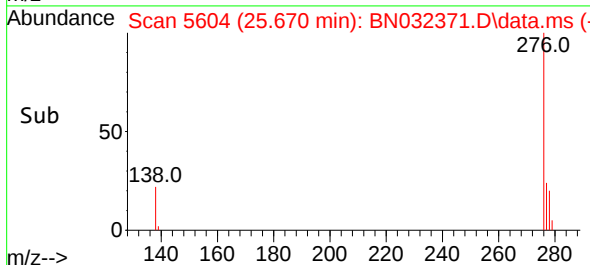
Reviewed By :Jagrut Upadhyay 07/02/2024
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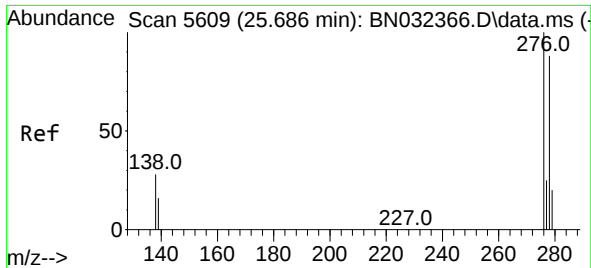


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng/ul
RT: 25.670 min Scan# 5604
Delta R.T. -0.030 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44



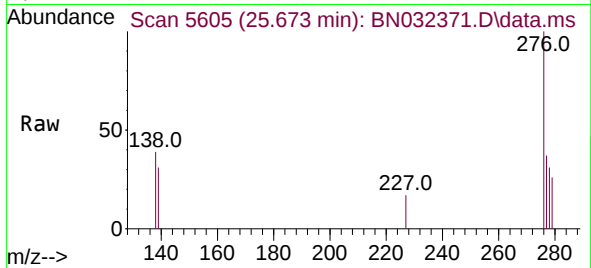
Tgt Ion:276 Resp: 9763
Ion Ratio Lower Upper
276 100
138 24.7 21.3 31.9
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.033 ng/ul
RT: 25.673 min Scan# 5605
Delta R.T. -0.037 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

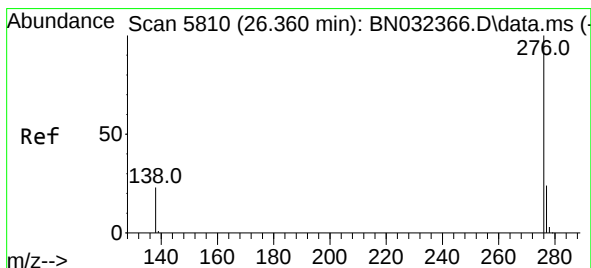
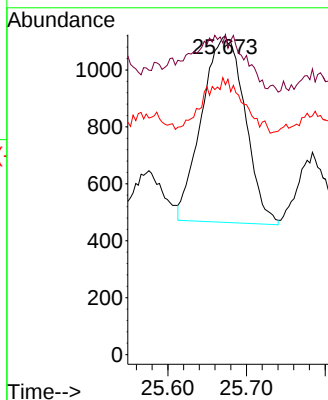
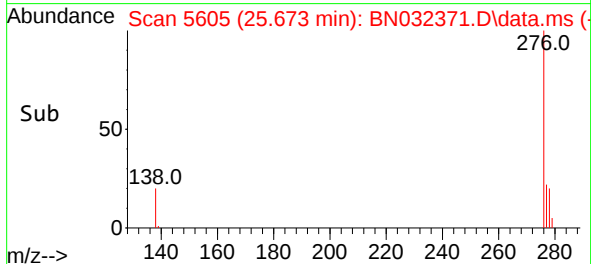
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A4CP6DL



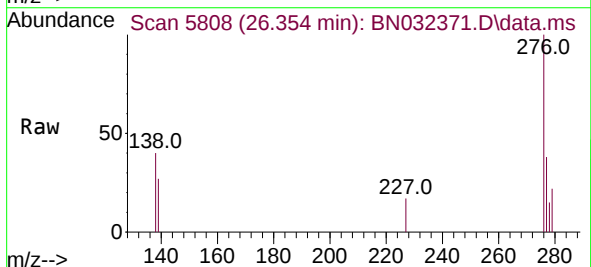
Tgt Ion:278 Resp: 2500
Ion Ratio Lower Upper
278 100
139 100.4 15.9 23.9#
279 84.6 21.1 31.7#

Manual Integrations
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Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 26.354 min Scan# 5808
Delta R.T. -0.027 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44



Tgt Ion:276 Resp: 9981
Ion Ratio Lower Upper
276 100
138 40.0 19.8 29.6#
277 38.0 19.8 29.6#

