

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032408.D
 Acq On : 02 Jul 2024 19:36
 Operator : MA/JU
 Sample : P2871-22
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B53

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 23:56:00 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	7.603	152	9164	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.376	136	29540	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	17549	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	41613	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.211	240	20494	0.400	ng/ul	#-0.01
23) Perylene-d12	23.427	264	21897m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	31839	3.126	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.977	152	10075	0.227	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	18094	0.293	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.426	128	16385	0.210	ng/ul	98
7) 2-Methylnaphthalene	12.054	142	6112	0.118	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	4843	0.090	ng/ul	98
10) Acenaphthylene	13.971	152	17796	0.244	ng/ul	96
11) Acenaphthene	14.313	153	17160	0.303	ng/ul	98
12) Fluorene	15.308	166	22029	0.326	ng/ul	98
15) Phenanthrene	17.050	178	383772	3.364	ng/ul	99
16) Anthracene	17.138	178	73006	0.717	ng/ul	99
19) Fluoranthene	19.073	202	525586	6.735	ng/ul	97
20) Pyrene	19.440	202	364753	4.473	ng/ul	98
21) Benzo(a)anthracene	21.194	228	224700	3.038	ng/ul	98
22) Chrysene	21.247	228	223592	2.754	ng/ul	96
24) Benzo(b)fluoranthene	22.763	252	311140m	3.271	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	100102m	1.083	ng/ul	
26) Benzo(a)pyrene	23.327	252	114975	1.737	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.660	276	108141	1.043	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.663	278	37772	0.491	ng/ul#	80
29) Benzo(g,h,i)perylene	26.347	276	15971	0.193	ng/ul#	73

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

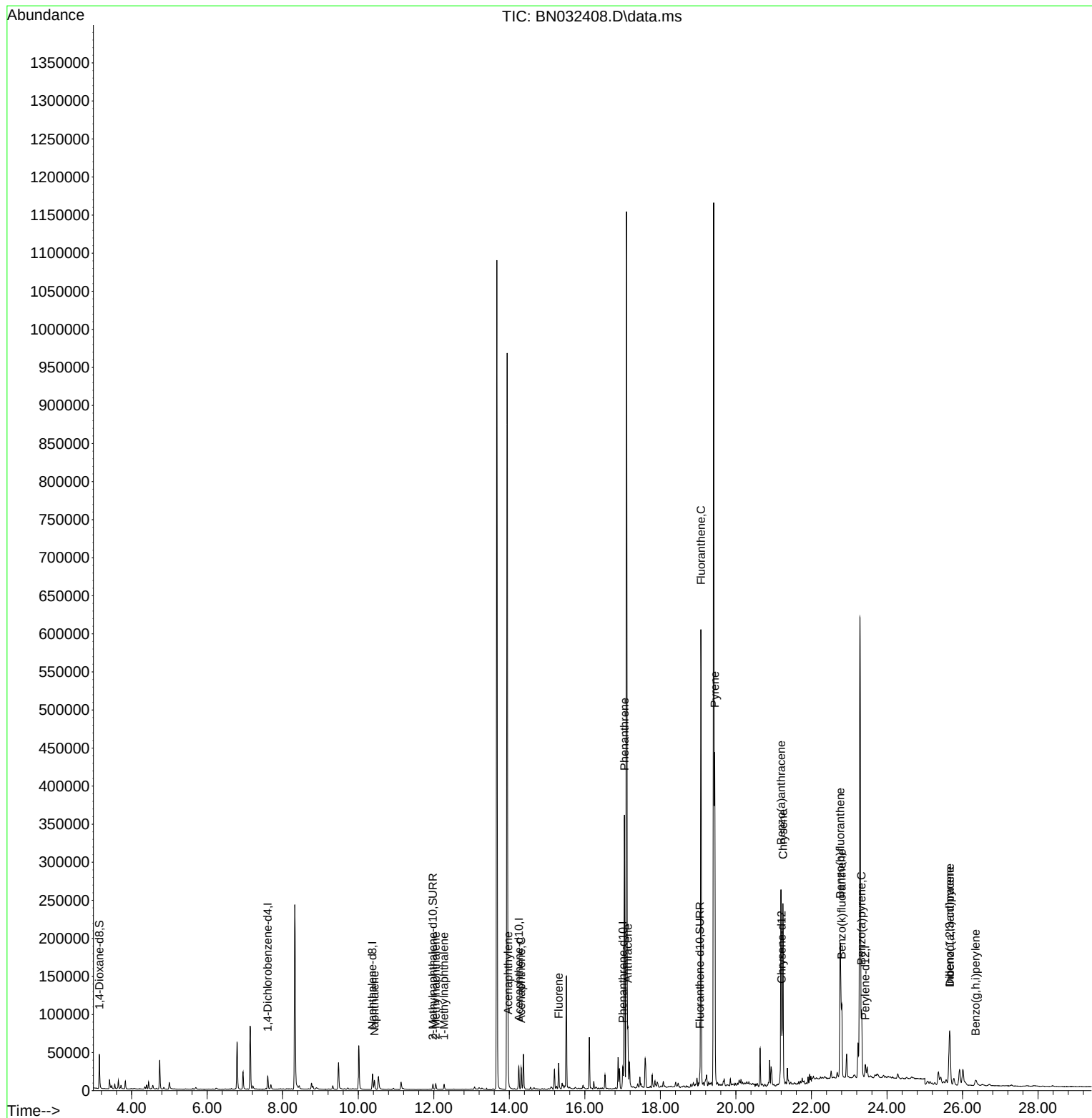
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032408.D
Acq On : 02 Jul 2024 19:36
Operator : MA/JU
Sample : P2871-22
Misc :
ALS Vial : 55 Sample Multiplier: 1

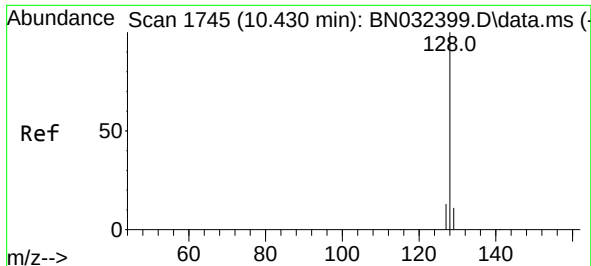
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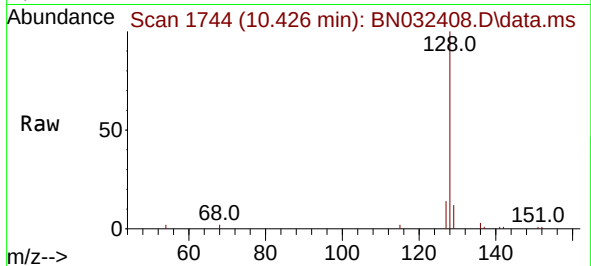
Quant Time: Jul 02 23:56:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.210 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.022 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

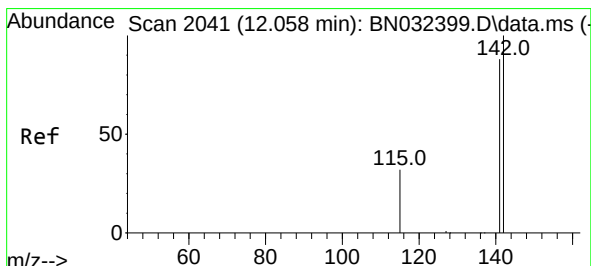
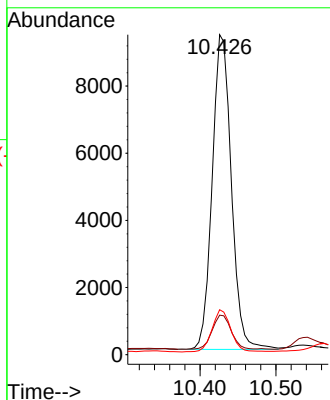
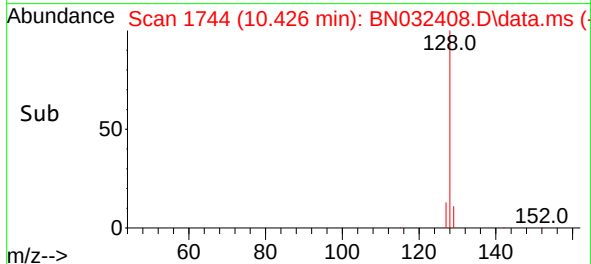
Instrument :
BNA_N
ClientSampleId :
A4B53



Tgt Ion:128 Resp: 1638
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 14.0 10.8 16.2

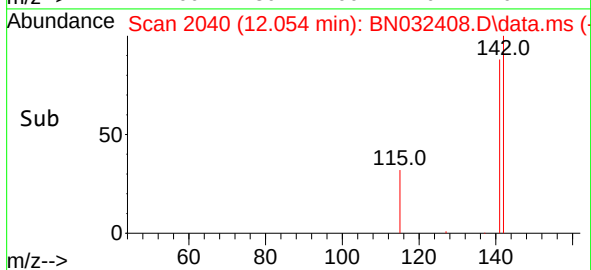
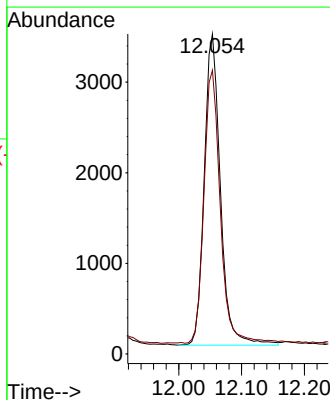
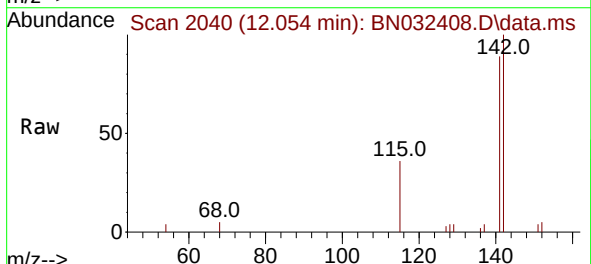
Manual Integrations
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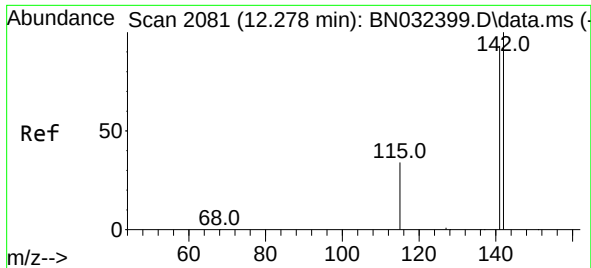
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.022 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

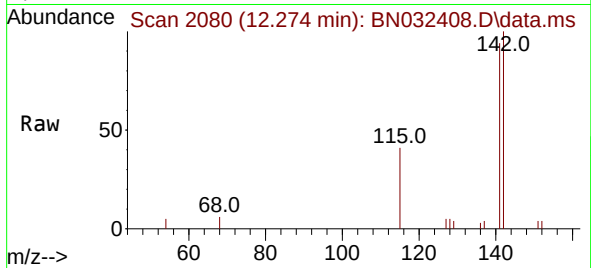
Tgt Ion:142 Resp: 6112
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.274 min Scan# 2081
Delta R.T. -0.022 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

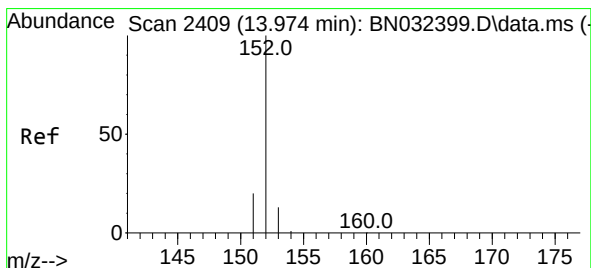
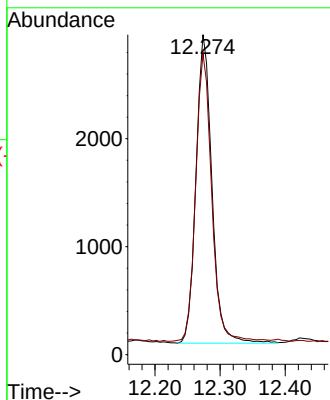
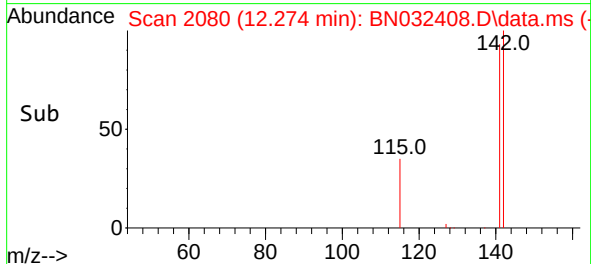
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 484
Ion Ratio Lower Upper
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141 93.4 73.4 110.0

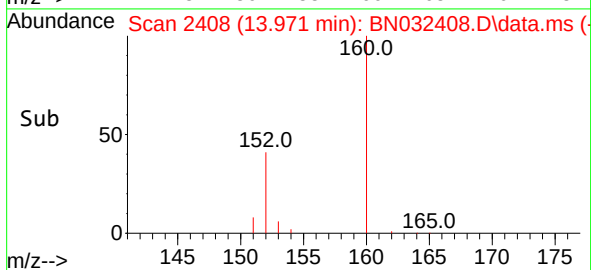
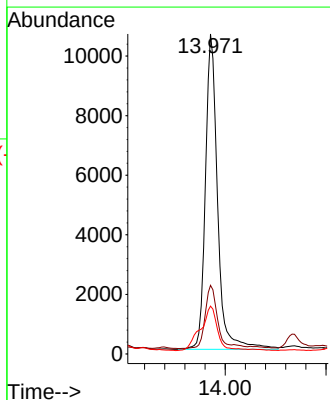
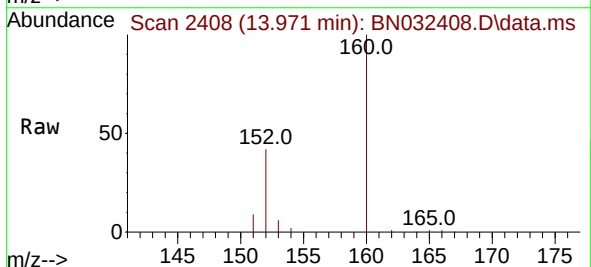
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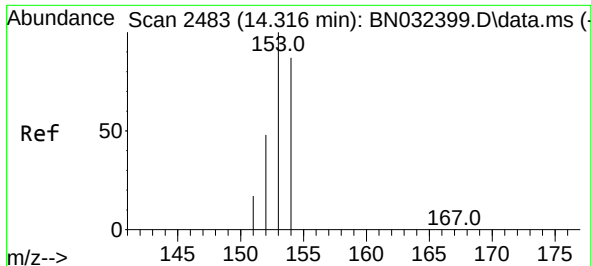
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.244 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

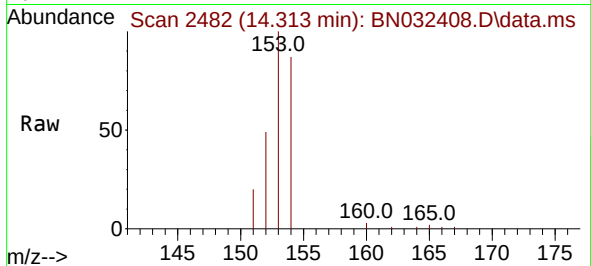
Tgt Ion:152 Resp: 17796
Ion Ratio Lower Upper
152 100
151 21.4 15.7 23.5
153 15.0 10.9 16.3





#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

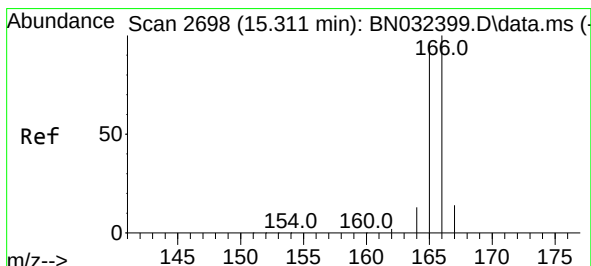
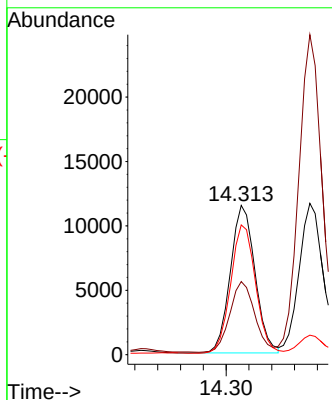
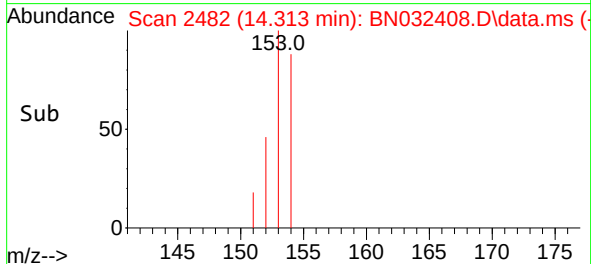
Instrument :
BNA_N
ClientSampleId :
A4B53



Tgt Ion:153 Resp: 17160
Ion Ratio Lower Upper
153 100
152 49.0 39.5 59.3
154 87.0 71.7 107.5

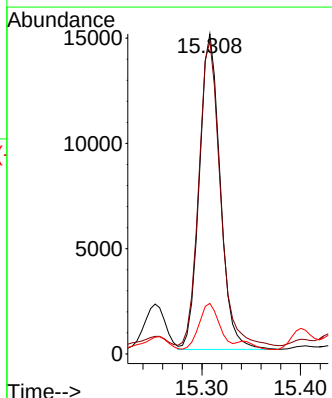
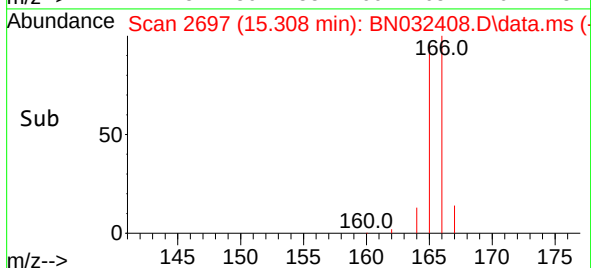
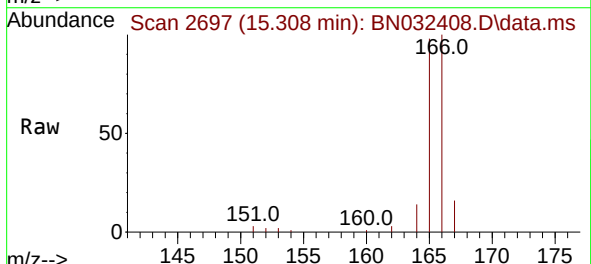
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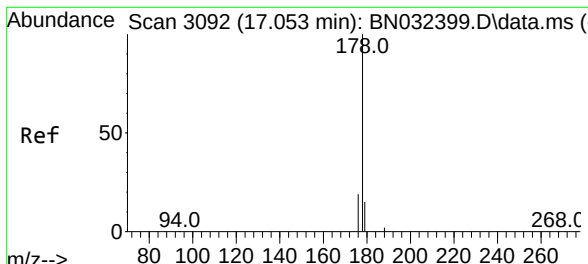
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.326 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

Tgt Ion:166 Resp: 22029
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 15.8 11.0 16.6



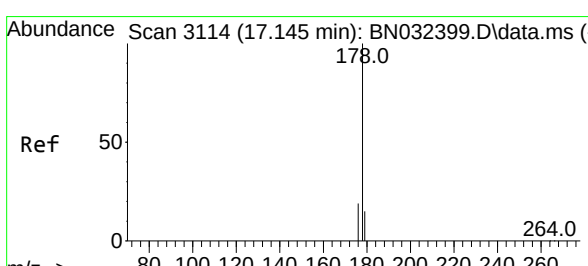
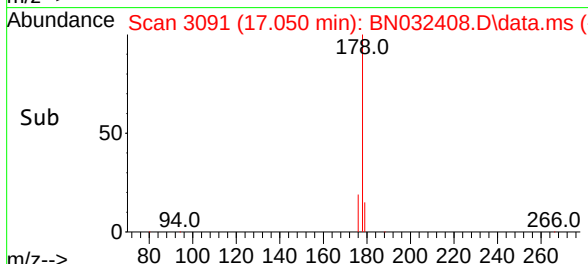
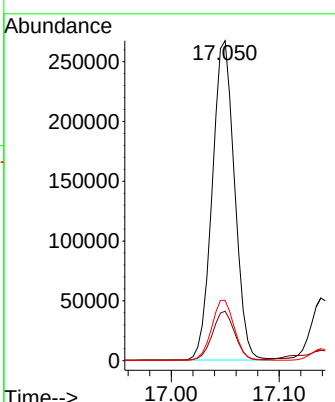
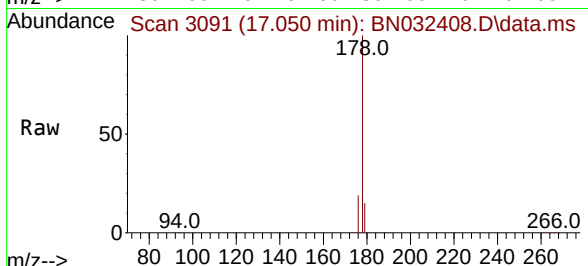


#15
 Phenanthrene
 Concen: 3.364 ng/ul
 RT: 17.050 min Scan# 3091
 Delta R.T. -0.017 min
 Lab File: BN032408.D
 Acq: 02 Jul 2024 19:36

Instrument : BNA_N
 ClientSampleId : A4B53

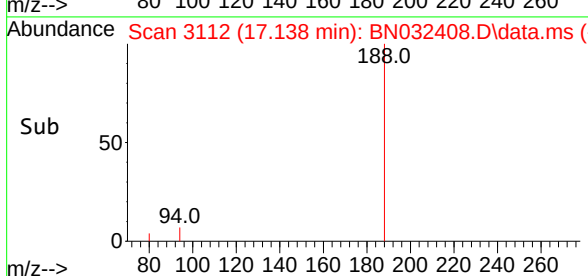
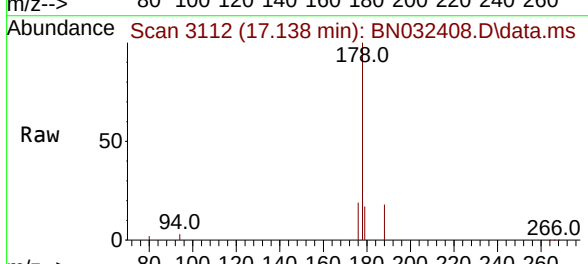
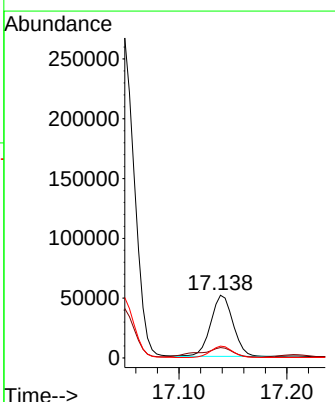
Tgt Ion:	178	Resp:	38377
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	18.8
176	18.9	15.6	23.4

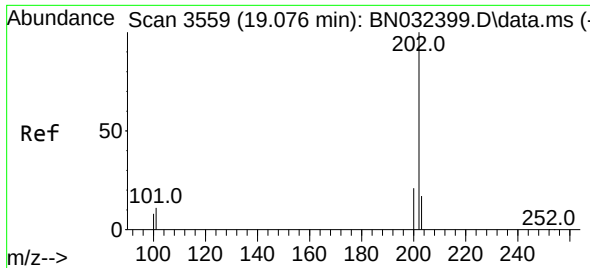
Manual Integrations
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 Reviewed By :Yogesh Patel 07/03/2024
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#16
 Anthracene
 Concen: 0.717 ng/ul
 RT: 17.138 min Scan# 3112
 Delta R.T. -0.021 min
 Lab File: BN032408.D
 Acq: 02 Jul 2024 19:36

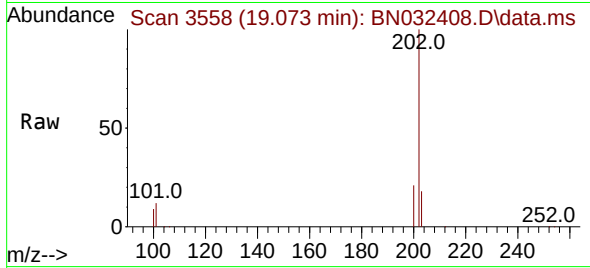
Tgt Ion:	178	Resp:	73006
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.5	18.7
176	18.9	15.0	22.6





#19
Fluoranthene
Concen: 6.735 ng/u1
RT: 19.073 min Scan# 3558
Delta R.T. -0.019 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

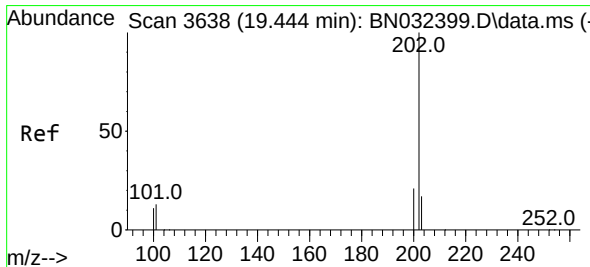
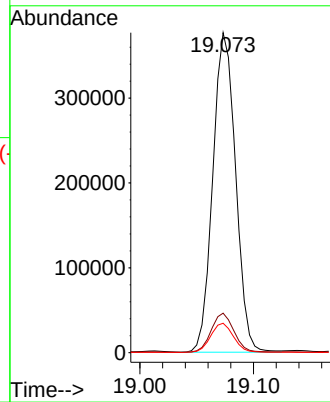
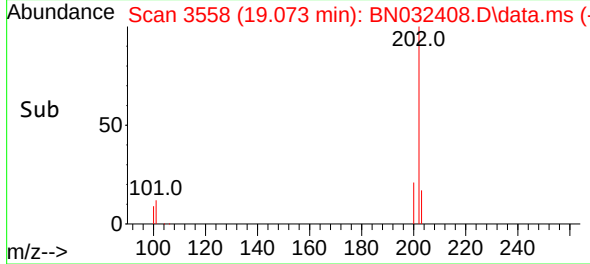
Instrument :
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A4B53



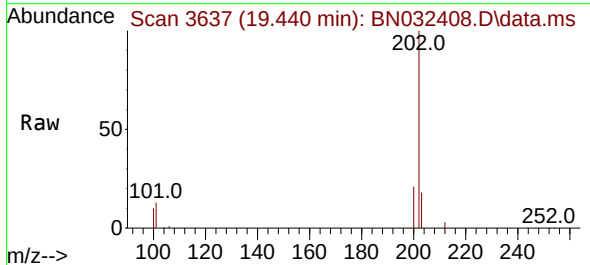
Tgt Ion:202 Resp: 525580
Ion Ratio Lower Upper
202 100
101 12.4 8.8 13.2
100 9.2 6.4 9.6

Manual Integrations
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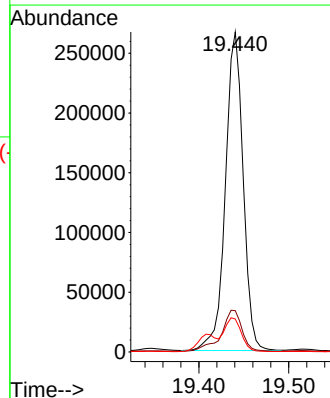
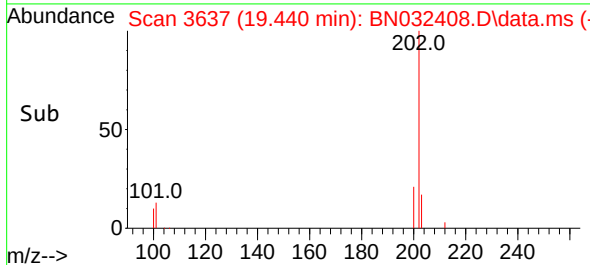
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

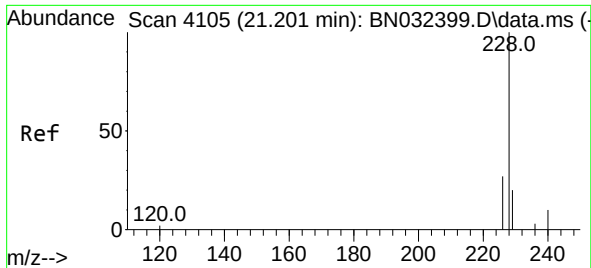


#20
Pyrene
Concen: 4.473 ng/u1
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36



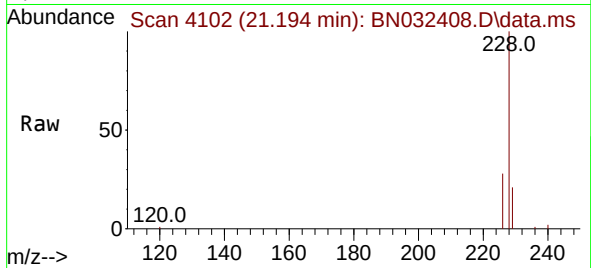
Tgt Ion:202 Resp: 364753
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 10.3 8.7 13.1





#21
Benzo(a)anthracene
Concen: 3.038 ng/ul
RT: 21.194 min Scan# 4105
Delta R.T. -0.021 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

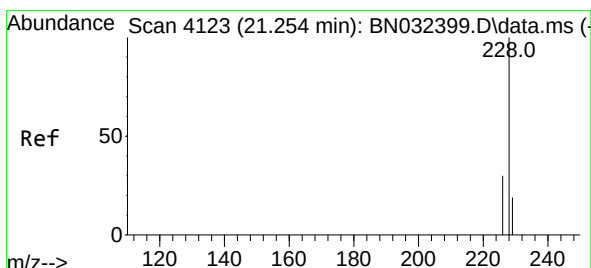
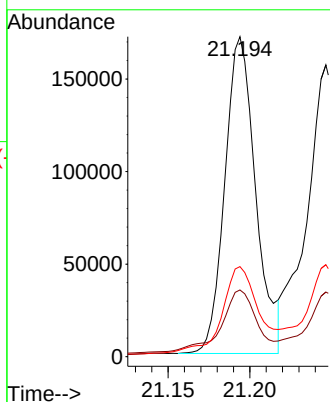
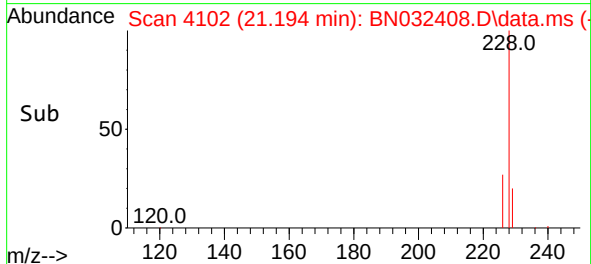
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 224700
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.1 21.8 32.8

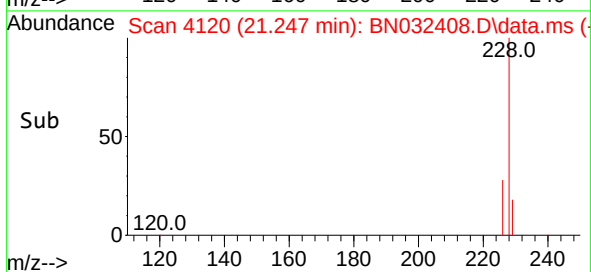
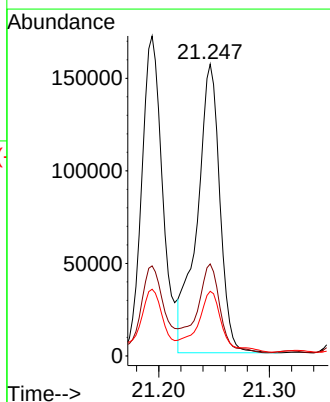
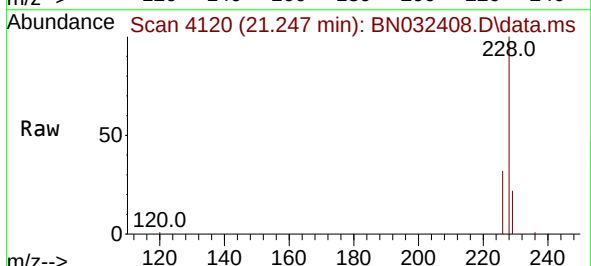
Manual Integrations
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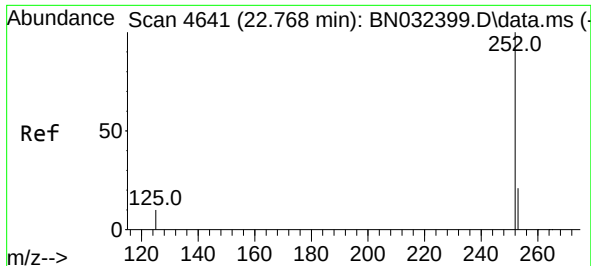
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 2.754 ng/ul
RT: 21.247 min Scan# 4120
Delta R.T. -0.021 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

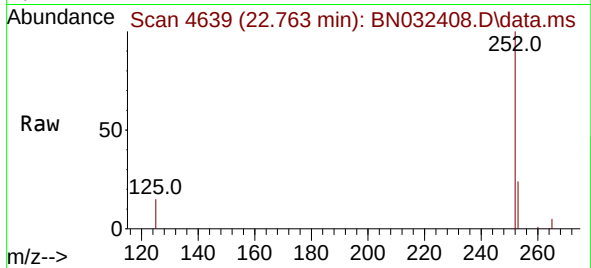
Tgt Ion:228 Resp: 223592
Ion Ratio Lower Upper
228 100
226 31.5 23.6 35.4
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.271 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

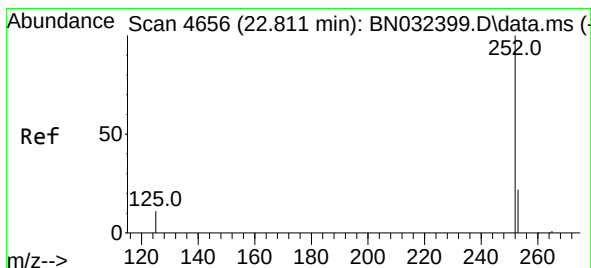
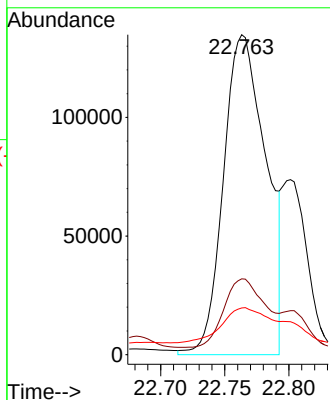
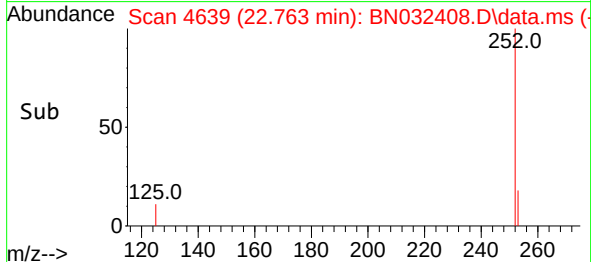
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 311140
Ion Ratio Lower Upper
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253 23.7 0.0 50.2
125 14.6 0.0 32.0

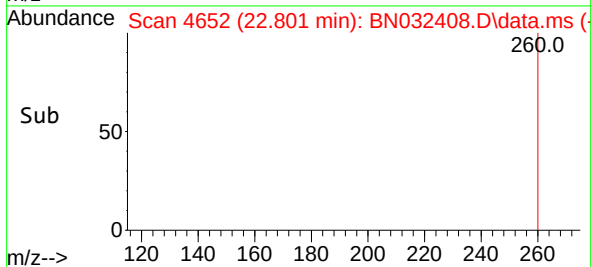
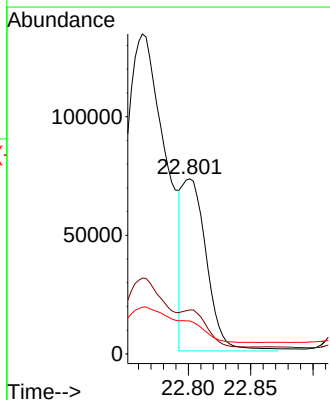
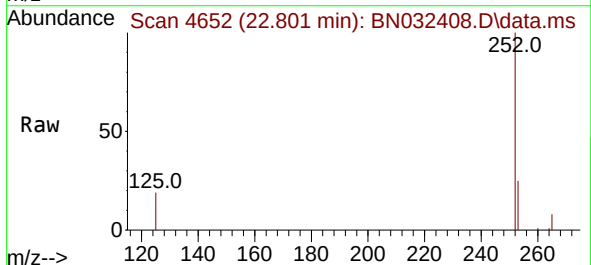
Manual Integrations
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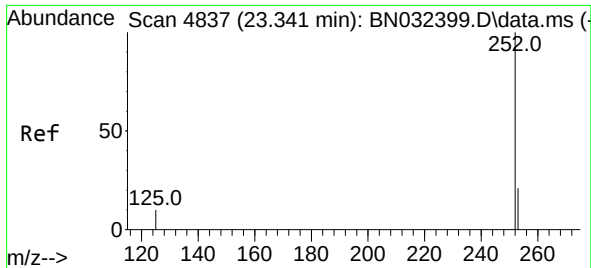
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 1.083 ng/ul m
RT: 22.801 min Scan# 4652
Delta R.T. -0.026 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

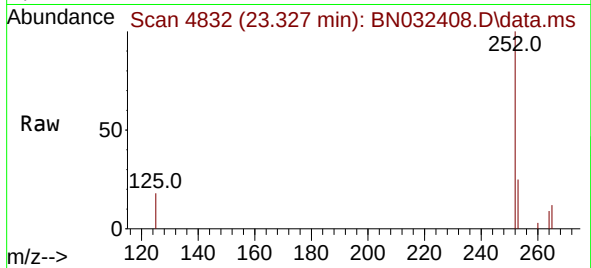
Tgt Ion:252 Resp: 100102
Ion Ratio Lower Upper
252 100
253 25.1 20.3 30.5
125 18.9 12.8 19.2





#26
Benzo(a)pyrene
Concen: 1.737 ng/ul
RT: 23.327 min Scan# 4832
Delta R.T. -0.032 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

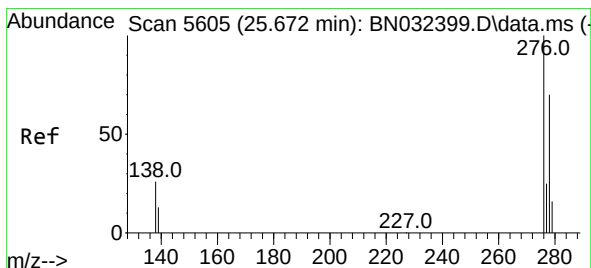
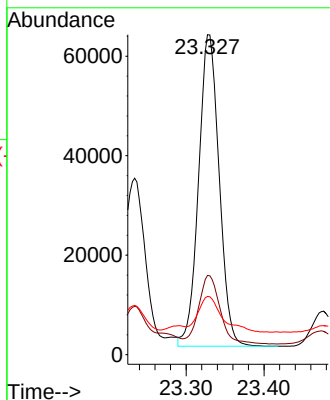
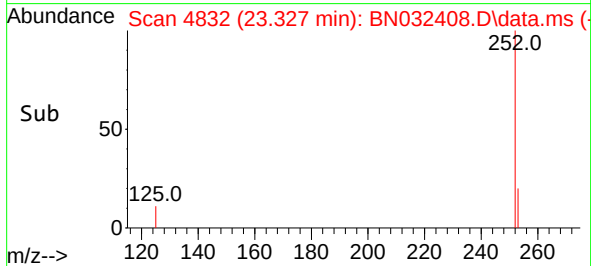
Instrument :
BNA_N
ClientSampleId :
A4B53



Tgt Ion:252 Resp: 114975
Ion Ratio Lower Upper
252 100
253 24.8 22.2 33.2
125 18.2 16.4 24.6

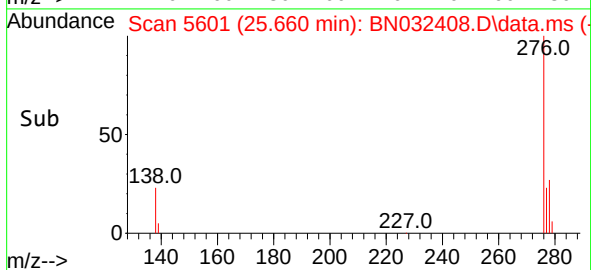
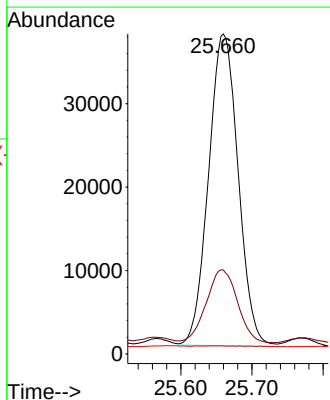
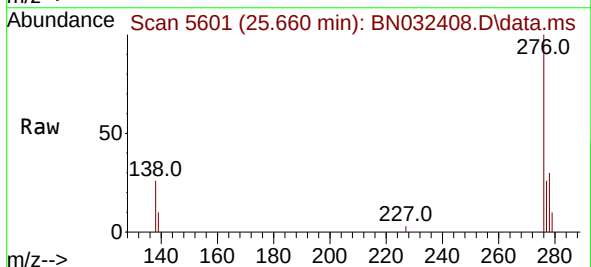
Manual Integrations
APPROVED

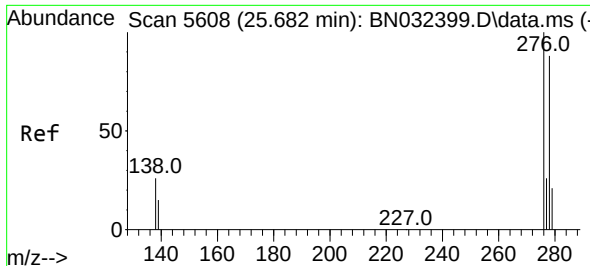
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.043 ng/ul
RT: 25.660 min Scan# 5601
Delta R.T. -0.040 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

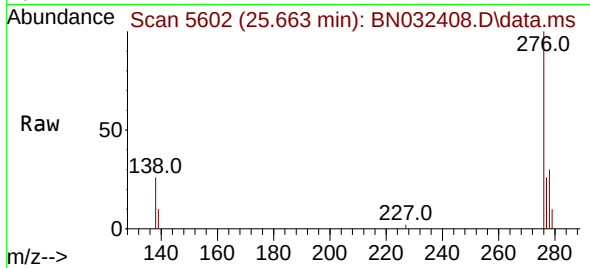
Tgt Ion:276 Resp: 108141
Ion Ratio Lower Upper
276 100
138 24.7 21.3 31.9
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.491 ng/ul
RT: 25.663 min Scan# 50
Delta R.T. -0.047 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36

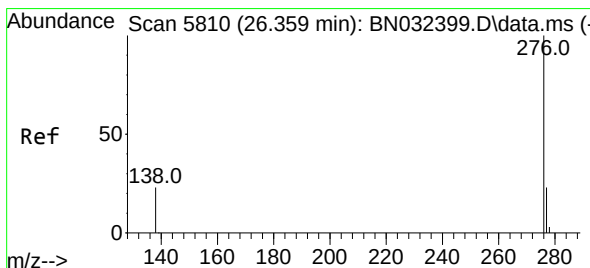
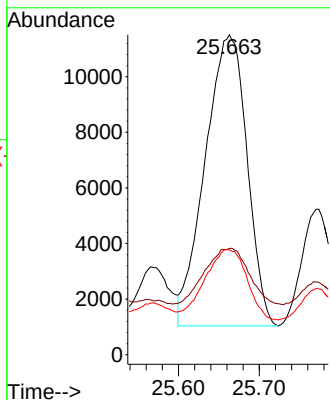
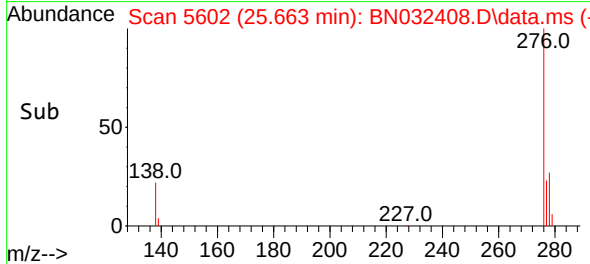
Instrument :
BNA_N
ClientSampleId :
A4B53



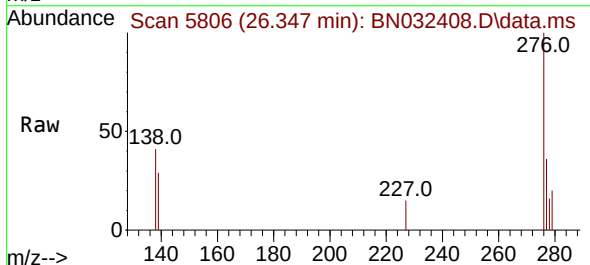
Tgt Ion:278 Resp: 37772
Ion Ratio Lower Upper
278 100
139 33.2 15.9 23.9#
279 32.8 21.1 31.7#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.193 ng/ul
RT: 26.347 min Scan# 5806
Delta R.T. -0.034 min
Lab File: BN032408.D
Acq: 02 Jul 2024 19:36



Tgt Ion:276 Resp: 15971
Ion Ratio Lower Upper
276 100
138 40.9 19.8 29.6#
277 35.8 19.8 29.6#

