

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032053.D
 Acq On : 18 Jun 2024 20:19
 Operator : MA/JU
 Sample : P2696-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B91

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 22:56:07 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 18 14:06:13 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.650	152	11559	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	42434	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	27838	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.041	188	67887	0.400	ng/ul	0.00
17) Chrysene-d12	21.238	240	40477	0.400	ng/ul	0.00
23) Perylene-d12	23.462	264	33706m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	40673	3.282	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.021	152	15654	0.227	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	38169	0.312	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.475	128	14238	0.126	ng/ul	98
7) 2-Methylnaphthalene	12.098	142	6320	0.080	ng/ul	97
8) 1-Methylnaphthalene	12.318	142	5683	0.070	ng/ul	96
10) Acenaphthylene	14.008	152	14285	0.120	ng/ul#	94
11) Acenaphthene	14.350	153	28404	0.320	ng/ul	99
12) Fluorene	15.345	166	36922	0.340	ng/ul	98
15) Phenanthrene	17.079	178	621007	3.244	ng/ul	100
16) Anthracene	17.172	178	106406	0.618	ng/ul	100
19) Fluoranthene	19.101	202	931814	6.249	ng/ul	99
20) Pyrene	19.468	202	605982	3.880	ng/ul	100
21) Benzo(a)anthracene	21.220	228	361765	2.330	ng/ul	98
22) Chrysene	21.273	228	346046	2.236	ng/ul	97
24) Benzo(b)fluoranthene	22.795	252	353421m	2.387	ng/ul	
25) Benzo(k)fluoranthene	22.833	252	134779m	0.948	ng/ul	
26) Benzo(a)pyrene	23.365	252	119068	1.132	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.707	276	97248	0.685	ng/ul	95
28) Dibenzo(a,h)anthracene	25.713	278	38121	0.348	ng/ul#	90
29) Benzo(g,h,i)perylene	26.394	276	14870	0.132	ng/ul#	80

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

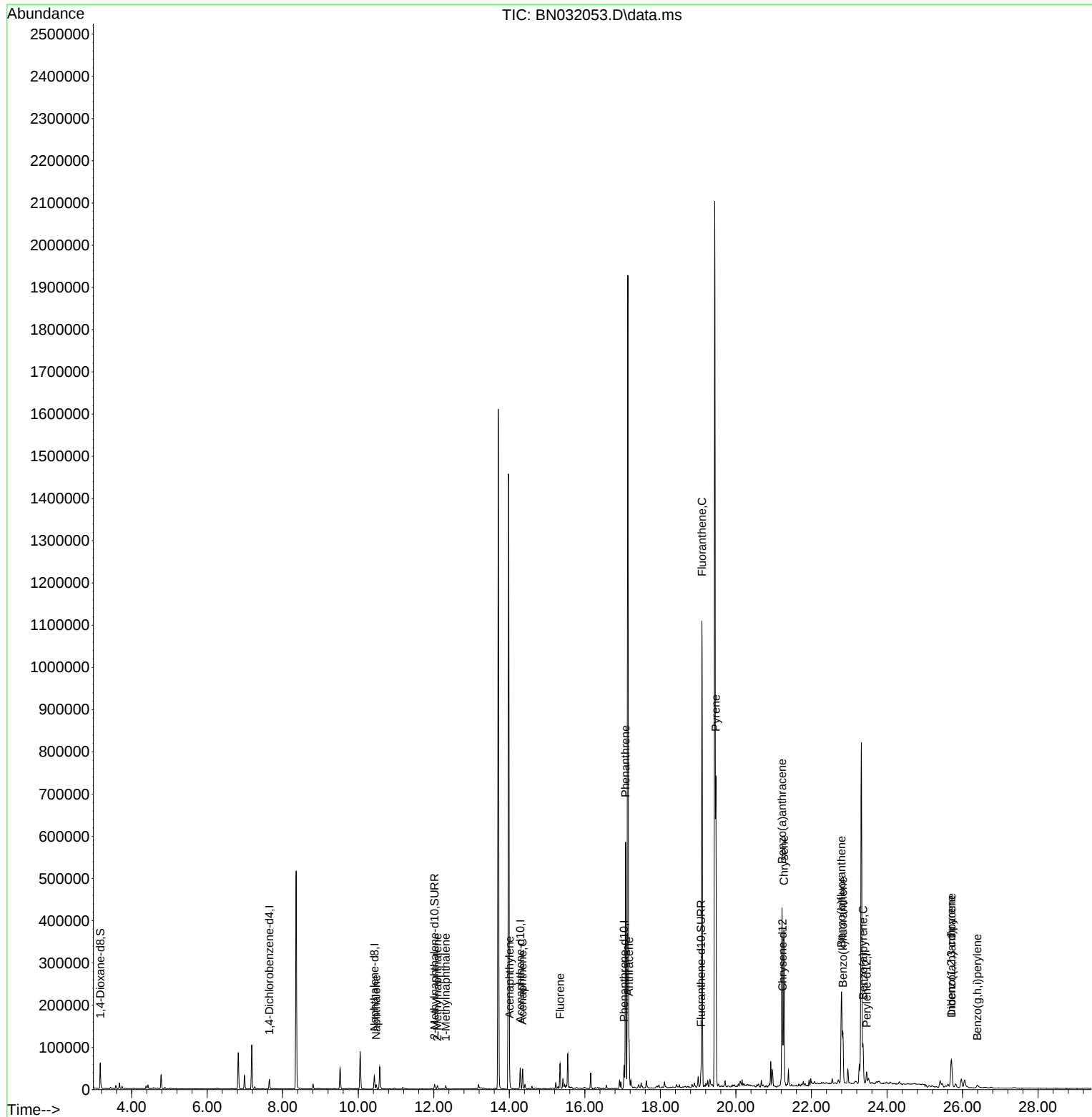
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
Data File : BN032053.D
Acq On : 18 Jun 2024 20:19
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Misc :
ALS Vial : 10 Sample Multiplier: 1

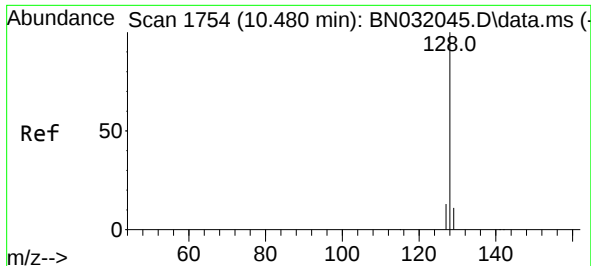
Instrument :
BNA_N
ClientSampleId :
A4B91

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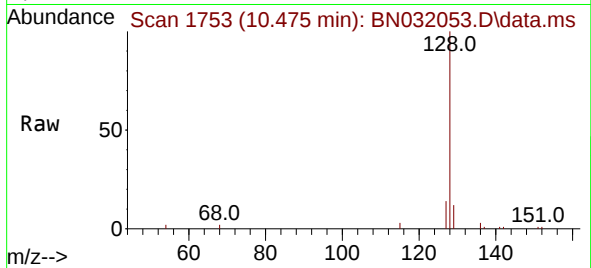
Quant Time: Jun 18 22:56:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 14:06:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.126 ng/ul
RT: 10.475 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BN032053.D
Acq: 18 Jun 2024 20:19

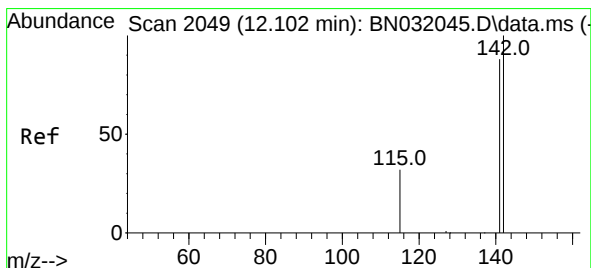
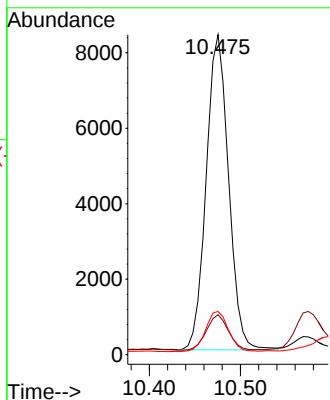
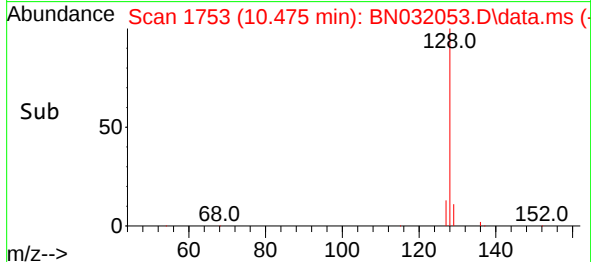
Instrument :
BNA_N
ClientSampleId :
A4B91



Tgt Ion:128 Resp: 14238
Ion Ratio Lower Upper
128 100
129 12.5 9.3 13.9
127 13.5 10.3 15.5

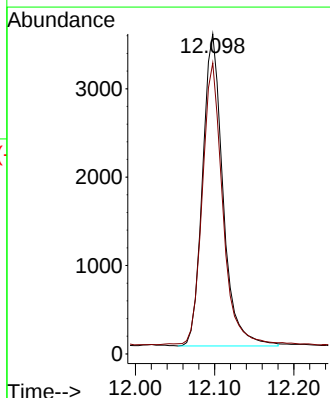
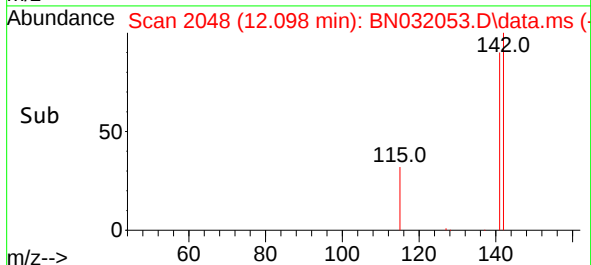
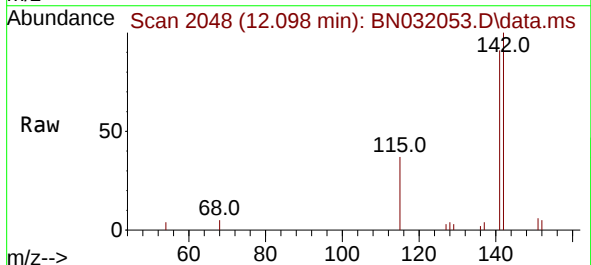
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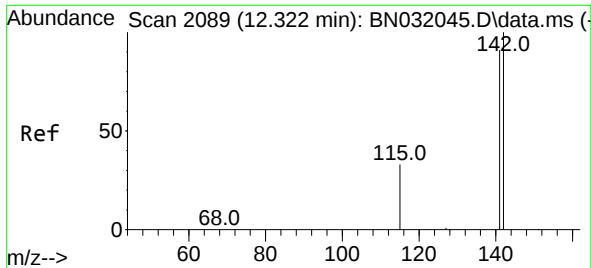
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.098 min Scan# 2048
Delta R.T. -0.005 min
Lab File: BN032053.D
Acq: 18 Jun 2024 20:19

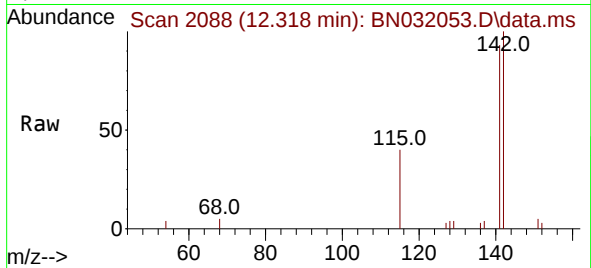
Tgt Ion:142 Resp: 6320
Ion Ratio Lower Upper
142 100
141 90.1 69.7 104.5





#8
1-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.318 min Scan# 2088
Delta R.T. -0.005 min
Lab File: BN032053.D
Acq: 18 Jun 2024 20:19

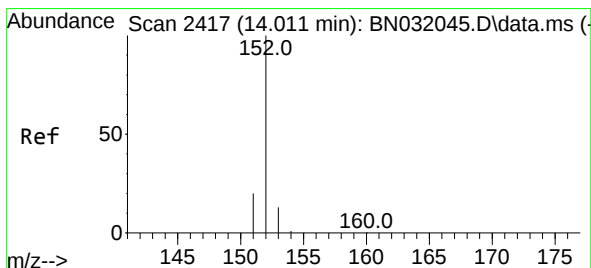
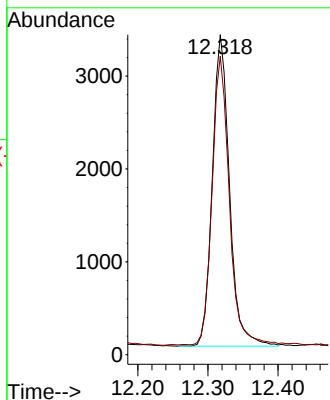
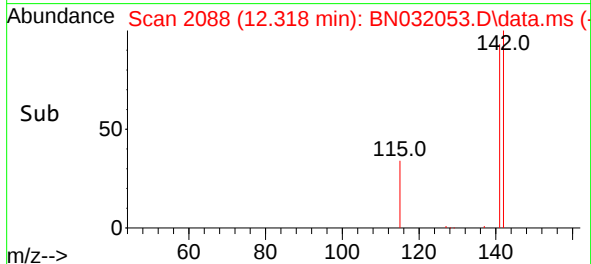
Instrument :
BNA_N
ClientSampleId :
A4B91



Tgt Ion:142 Resp: 568
Ion Ratio Lower Upper
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141 92.9 71.7 107.5

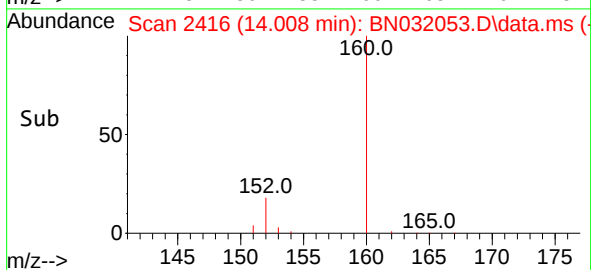
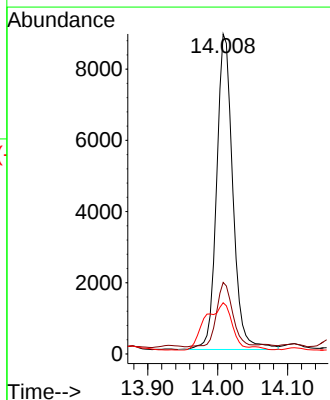
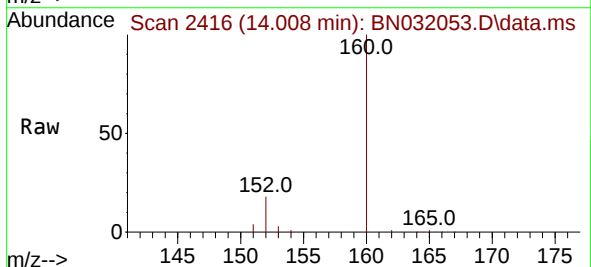
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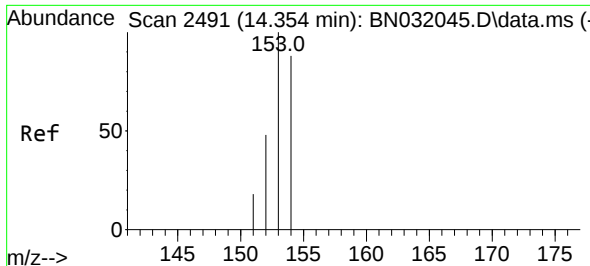
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.120 ng/ul
RT: 14.008 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN032053.D
Acq: 18 Jun 2024 20:19

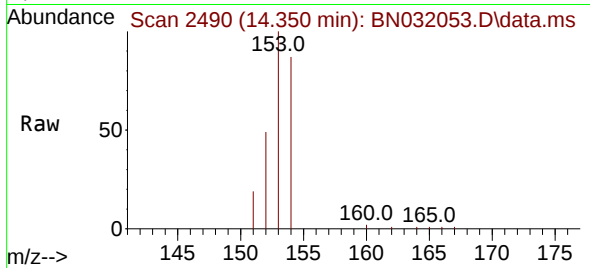
Tgt Ion:152 Resp: 14285
Ion Ratio Lower Upper
152 100
151 22.3 16.1 24.1
153 16.0 10.6 16.0#





#11
Acenaphthene
Concen: 0.320 ng/u1
RT: 14.350 min Scan# 2491
Delta R.T. -0.004 min
Lab File: BN032053.D
Acq: 18 Jun 2024 20:19

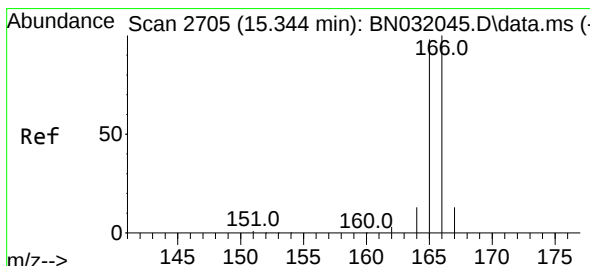
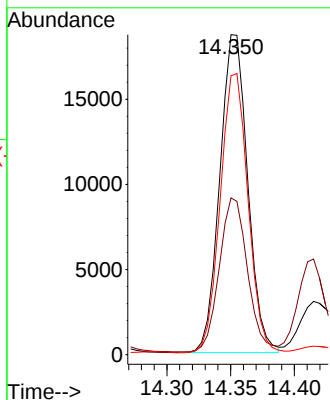
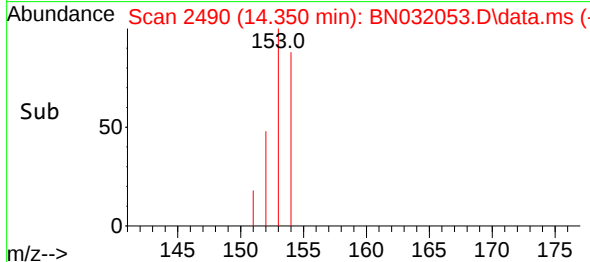
Instrument :
BNA_N
ClientSampleId :
A4B91



Tgt Ion:153 Resp: 28404
Ion Ratio Lower Upper
153 100
152 49.0 39.4 59.2
154 87.2 71.2 106.8

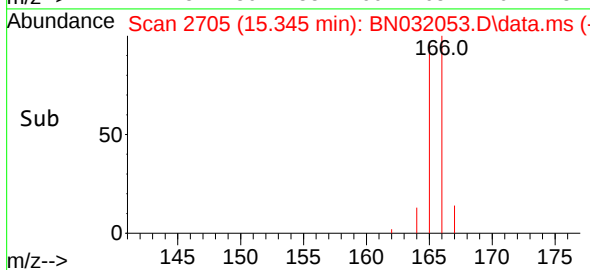
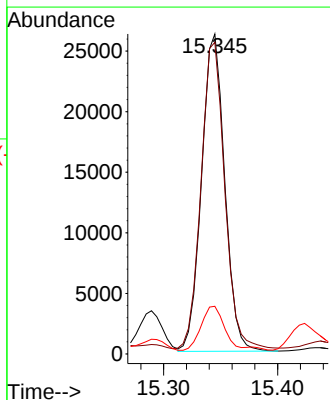
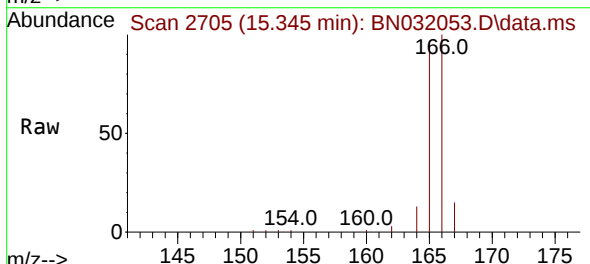
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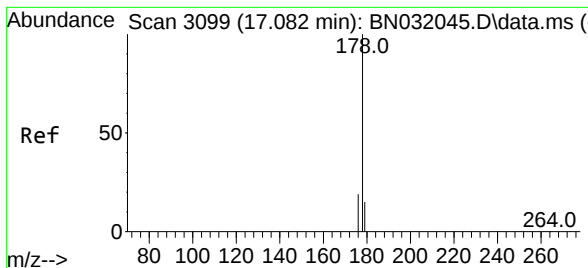
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.340 ng/u1
RT: 15.345 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BN032053.D
Acq: 18 Jun 2024 20:19

Tgt Ion:166 Resp: 36922
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.6
167 14.9 11.0 16.6





#15

Phenanthrene

Concen: 3.244 ng/ul

RT: 17.079 min Scan# 3099

Delta R.T. -0.004 min

Lab File: BN032053.D

Acq: 18 Jun 2024 20:19

Instrument :

BNA_N

ClientSampleId :

A4B91

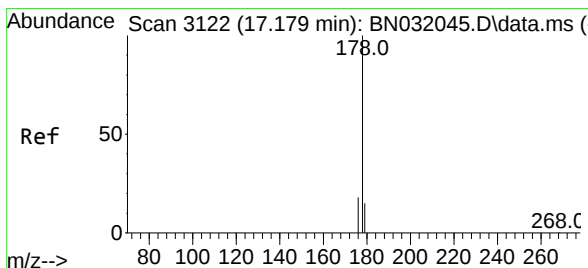
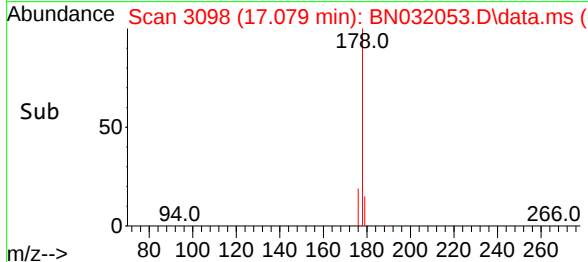
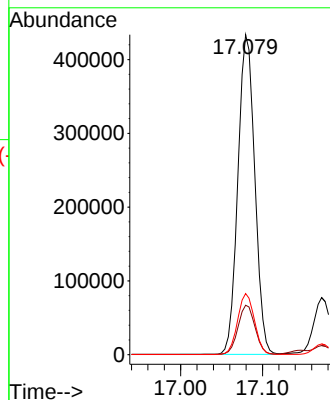
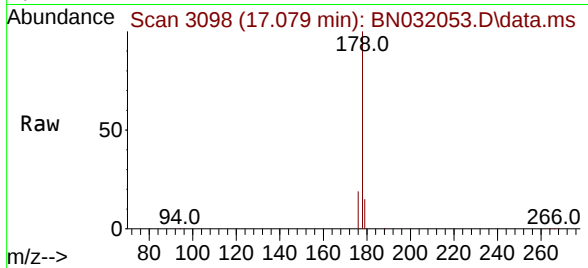
Tgt Ion:178 Resp: 62100

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.1	15.3	22.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#16

Anthracene

Concen: 0.618 ng/ul

RT: 17.172 min Scan# 3120

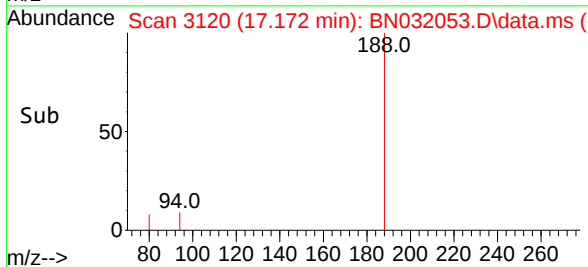
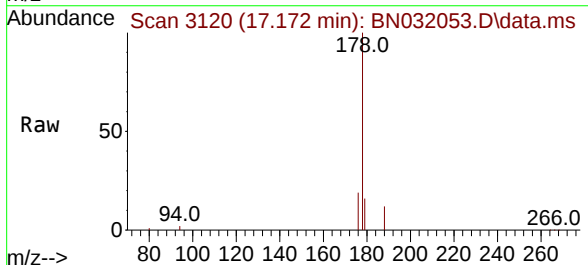
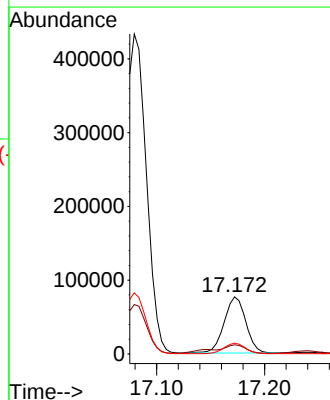
Delta R.T. -0.004 min

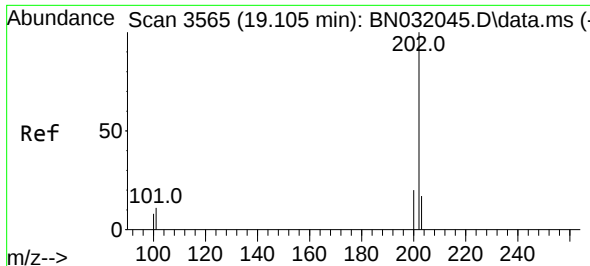
Lab File: BN032053.D

Acq: 18 Jun 2024 20:19

Tgt Ion:178 Resp: 106406

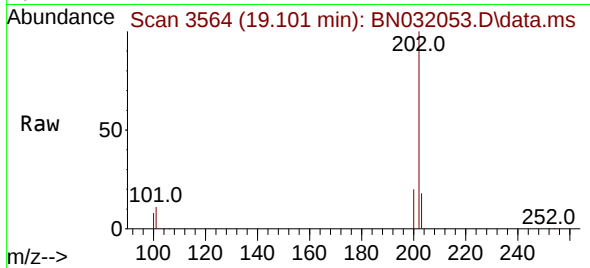
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	18.7	14.8	22.2





#19
Fluoranthene
Concen: 6.249 ng/u1
RT: 19.101 min Scan# 3564
Delta R.T. -0.005 min
Lab File: BN032053.D
Acq: 18 Jun 2024 20:19

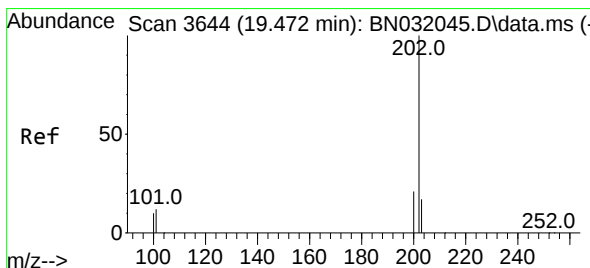
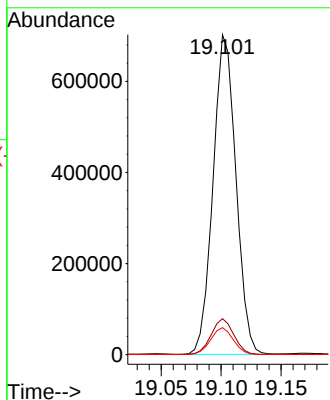
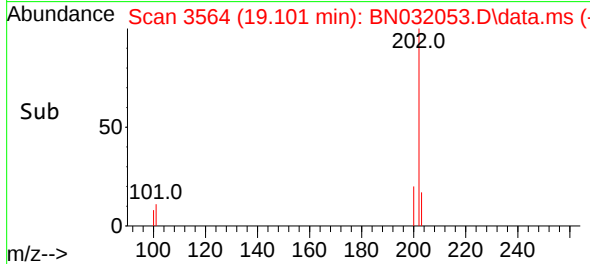
Instrument :
BNA_N
ClientSampleId :
A4B91



Tgt Ion:202 Resp: 931814
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.5 6.6 9.8

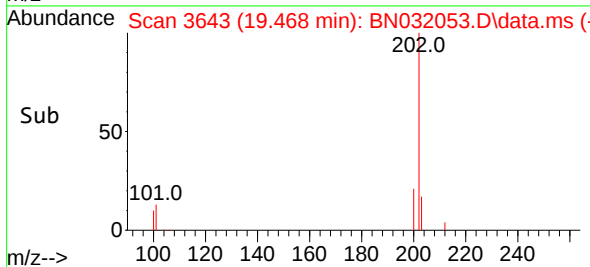
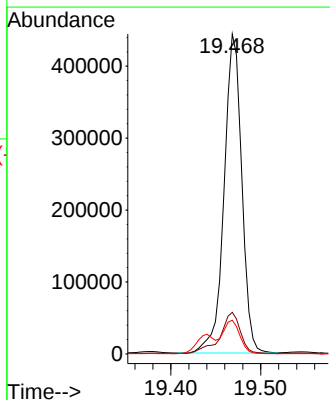
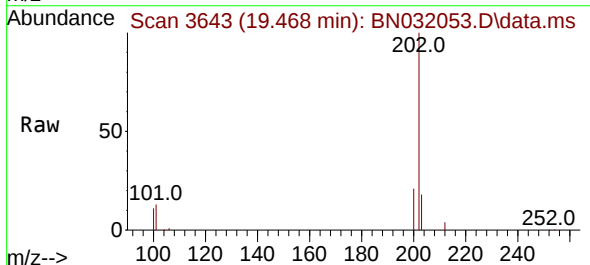
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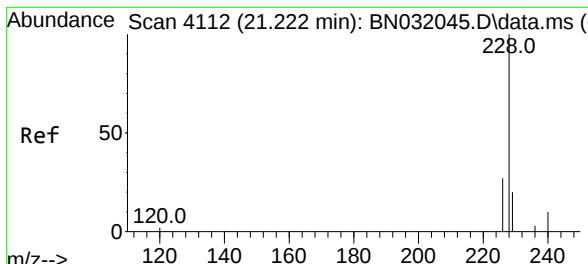
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#20
Pyrene
Concen: 3.880 ng/u1
RT: 19.468 min Scan# 3643
Delta R.T. 0.000 min
Lab File: BN032053.D
Acq: 18 Jun 2024 20:19

Tgt Ion:202 Resp: 605982
Ion Ratio Lower Upper
202 100
101 13.0 10.5 15.7
100 10.5 8.6 12.8





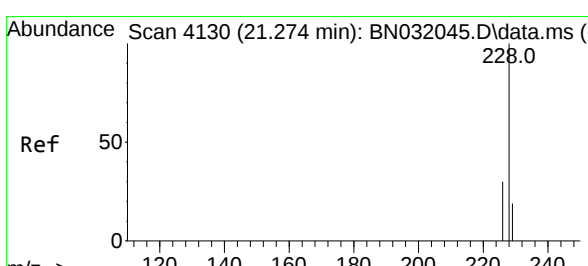
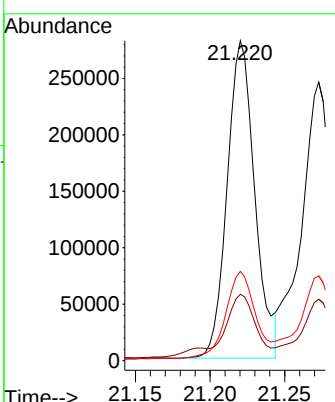
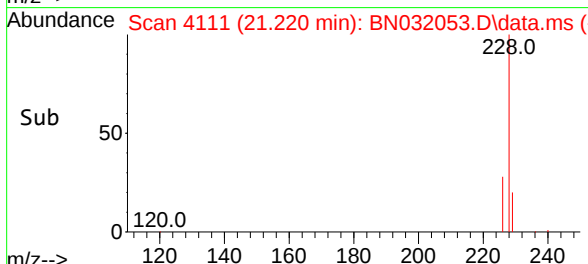
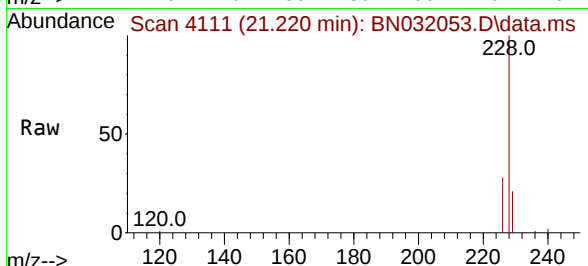
#21
 Benzo(a)anthracene
 Concen: 2.330 ng/ul
 RT: 21.220 min Scan# 4112
 Delta R.T. -0.003 min
 Lab File: BN032053.D
 Acq: 18 Jun 2024 20:19

Instrument : BNA_N
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Tgt Ion:228 Resp: 36176

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	27.9	21.7	32.5

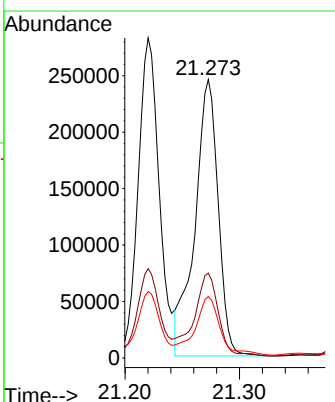
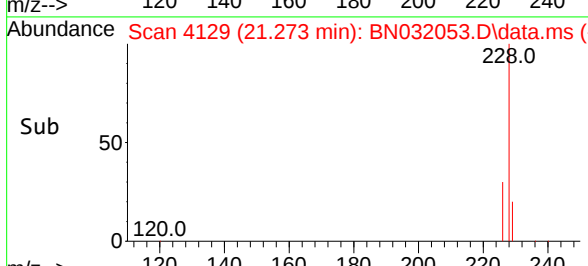
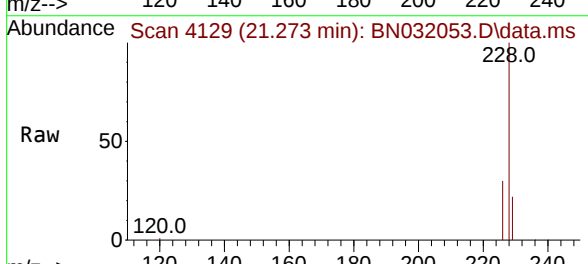
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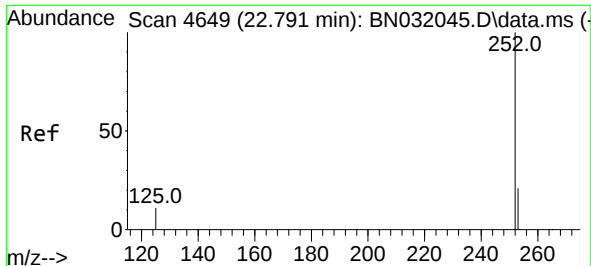


#22
 Chrysene
 Concen: 2.236 ng/ul
 RT: 21.273 min Scan# 4129
 Delta R.T. -0.003 min
 Lab File: BN032053.D
 Acq: 18 Jun 2024 20:19

Tgt Ion:228 Resp: 346046

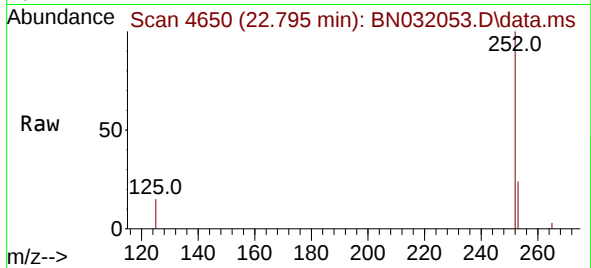
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.6	35.4
229	22.1	15.6	23.4





#24
Benzo(b)fluoranthene
Concen: 2.387 ng/ul m
RT: 22.795 min Scan# 4649
Delta R.T. 0.003 min
Lab File: BN032053.D
Acq: 18 Jun 2024 20:19

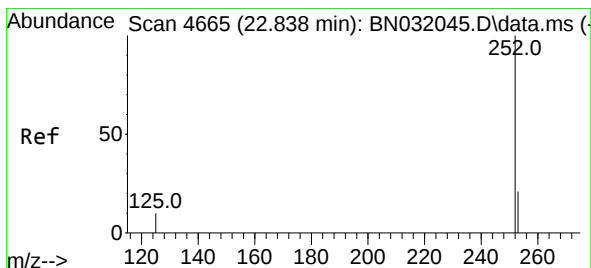
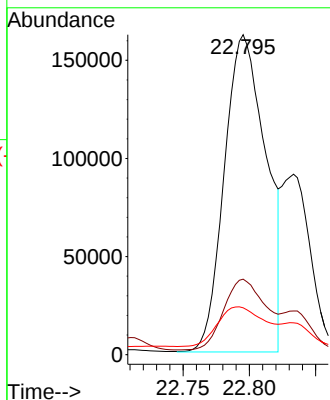
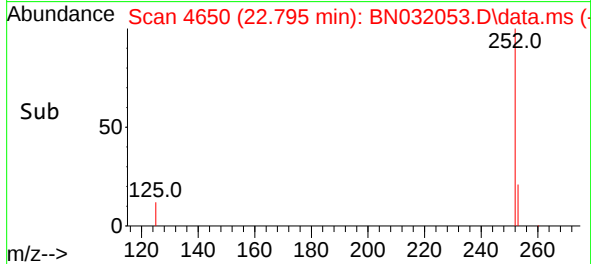
Instrument :
BNA_N
ClientSampleId :
A4B91



Tgt Ion:252 Resp: 35342
Ion Ratio Lower Upper
252 100
253 23.6 0.0 47.4
125 14.6 0.0 28.8

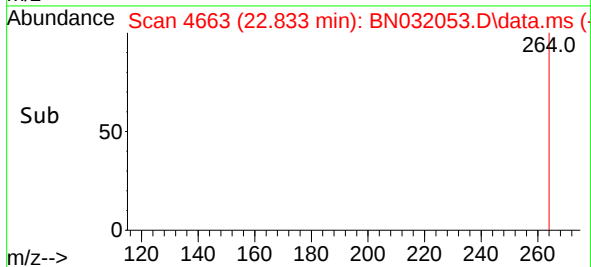
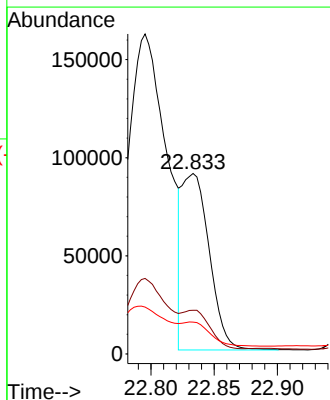
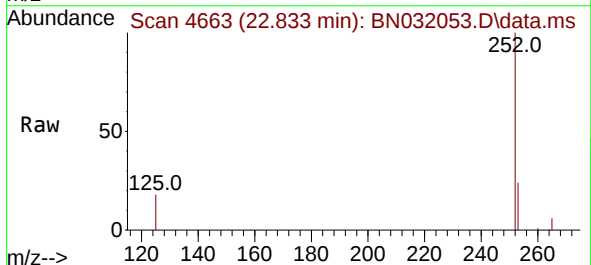
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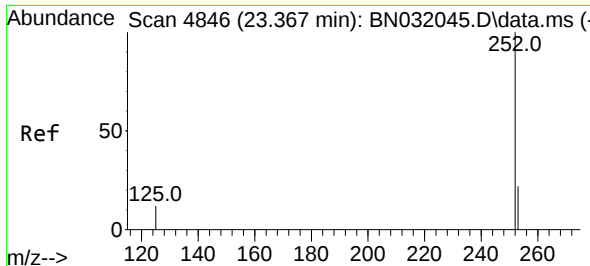
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.948 ng/ul m
RT: 22.833 min Scan# 4663
Delta R.T. -0.003 min
Lab File: BN032053.D
Acq: 18 Jun 2024 20:19

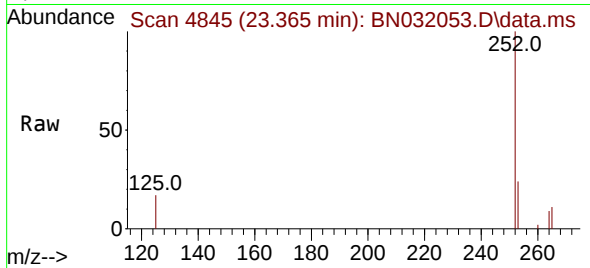
Tgt Ion:252 Resp: 134779
Ion Ratio Lower Upper
252 100
253 24.2 18.8 28.2
125 17.7 11.1 16.7#





#26
Benzo(a)pyrene
Concen: 1.132 ng/ul
RT: 23.365 min Scan# 4846
Delta R.T. 0.000 min
Lab File: BN032053.D
Acq: 18 Jun 2024 20:19

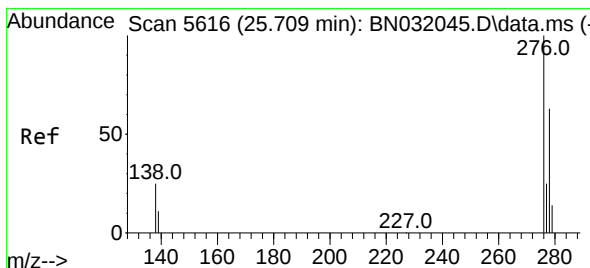
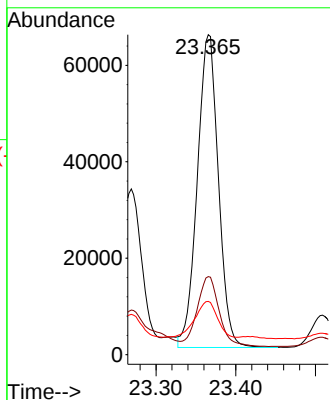
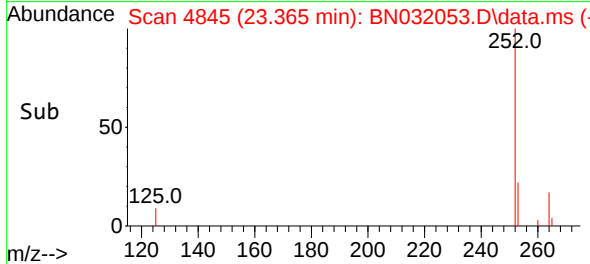
Instrument :
BNA_N
ClientSampleId :
A4B91



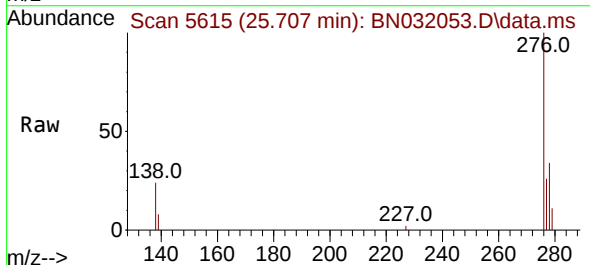
Tgt Ion:252 Resp: 119068
Ion Ratio Lower Upper
252 100
253 24.4 19.9 29.9
125 16.7 13.5 20.3

Manual Integrations
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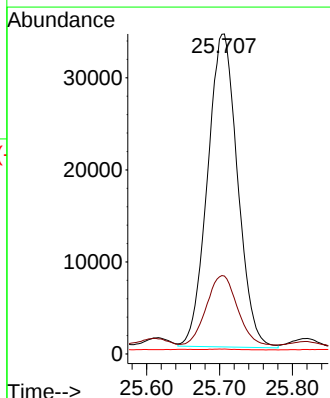
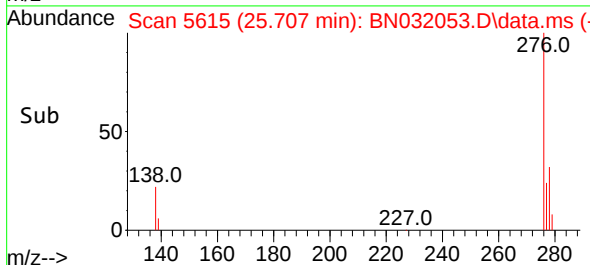
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

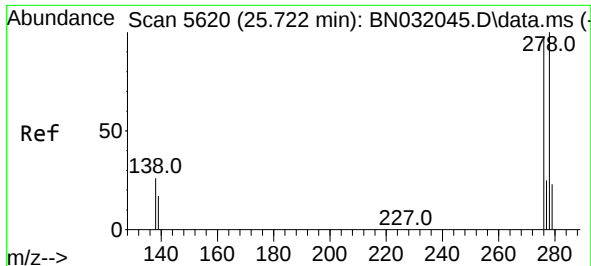


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.685 ng/ul
RT: 25.707 min Scan# 5615
Delta R.T. 0.000 min
Lab File: BN032053.D
Acq: 18 Jun 2024 20:19



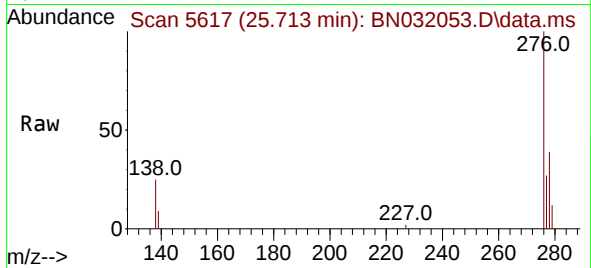
Tgt Ion:276 Resp: 97248
Ion Ratio Lower Upper
276 100
138 23.5 21.0 31.4
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.348 ng/ul
RT: 25.713 min Scan# 5617
Delta R.T. -0.010 min
Lab File: BN032053.D
Acq: 18 Jun 2024 20:19

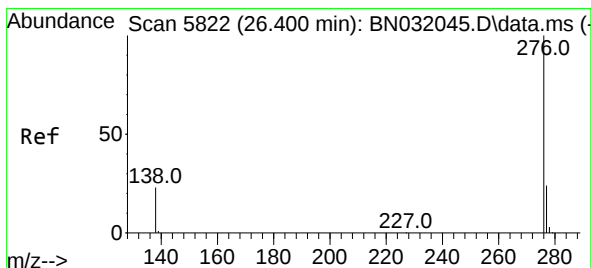
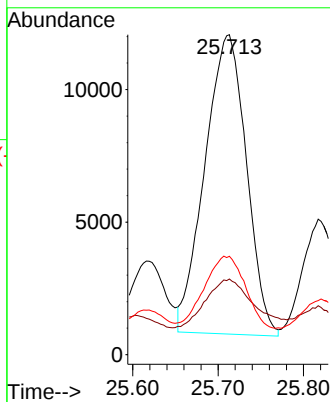
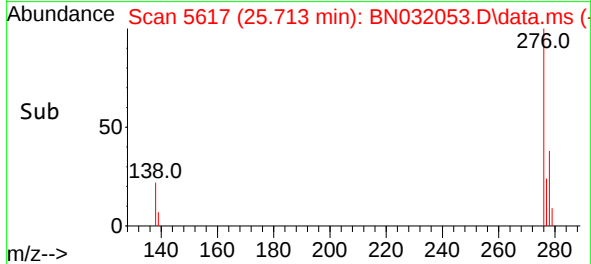
Instrument :
BNA_N
ClientSampleId :
A4B91



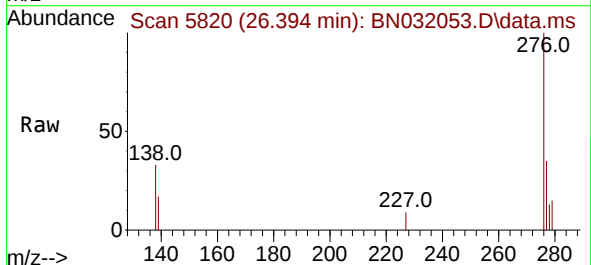
Tgt Ion:278 Resp: 3812
Ion Ratio Lower Upper
278 100
139 23.7 14.9 22.3#
279 30.8 20.6 31.0#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.132 ng/ul
RT: 26.394 min Scan# 5820
Delta R.T. -0.003 min
Lab File: BN032053.D
Acq: 18 Jun 2024 20:19



Tgt Ion:276 Resp: 14870
Ion Ratio Lower Upper
276 100
138 33.5 19.0 28.4#
277 35.2 20.4 30.6#

