

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032345.D
 Acq On : 29 Jun 2024 11:05
 Operator : MA/JU
 Sample : P2934-13
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:04:26 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	9184	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	28831	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	16687	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	32100m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.214	240	18361m	0.400	ng/ul	-0.01
23) Perylene-d12	23.433	264	23672m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	33016	3.234	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	10353	0.239	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	15910m	0.288	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	84041	1.101	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	26369	0.521	ng/ul	99
8) 1-Methylnaphthalene	12.279	142	20180	0.385	ng/ul	99
10) Acenaphthylene	13.975	152	24224	0.349	ng/ul#	91
11) Acenaphthene	14.318	153	114369	2.123	ng/ul	98
12) Fluorene	15.312	166	96052	1.497	ng/ul	99
15) Phenanthrene	17.054	178	1431821m	16.270	ng/ul	
16) Anthracene	17.143	178	207330m	2.641	ng/ul	
19) Fluoranthene	19.078	202	1674686m	23.952	ng/ul	
20) Pyrene	19.445	202	1165297m	15.949	ng/ul	
21) Benzo(a)anthracene	21.200	228	618008m	9.326	ng/ul	
22) Chrysene	21.252	228	669231m	9.201	ng/ul	
24) Benzo(b)fluoranthene	22.769	252	845763m	8.224	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	295667m	2.959	ng/ul	
26) Benzo(a)pyrene	23.336	252	315821m	4.414	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	279368m	2.493	ng/ul	
28) Dibenzo(a,h)anthracene	25.670	278	101631m	1.221	ng/ul	
29) Benzo(g,h,i)perylene	26.354	276	42017m	0.471	ng/ul	

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

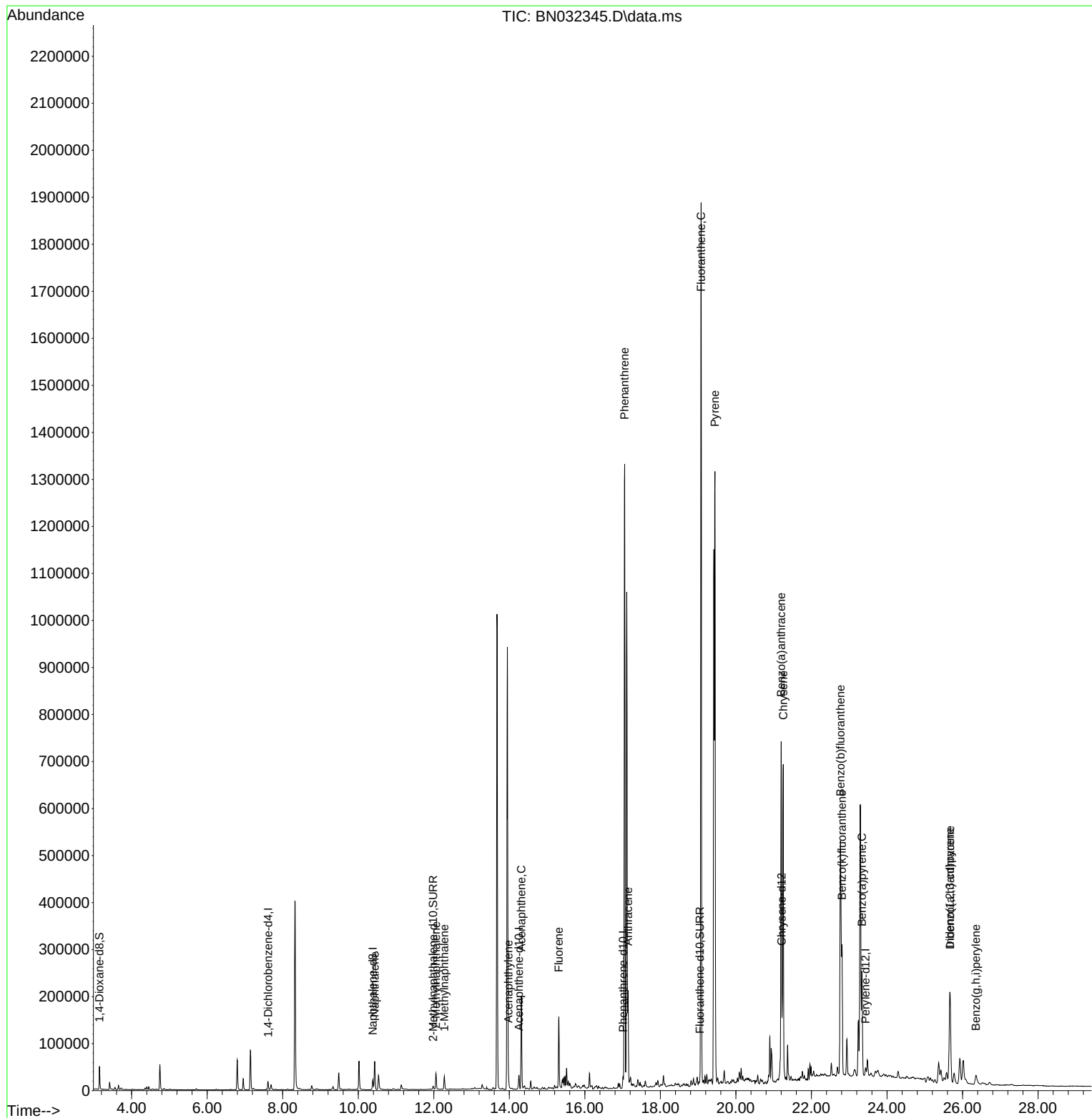
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032345.D
Acq On : 29 Jun 2024 11:05
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ALS Vial : 43 Sample Multiplier: 1

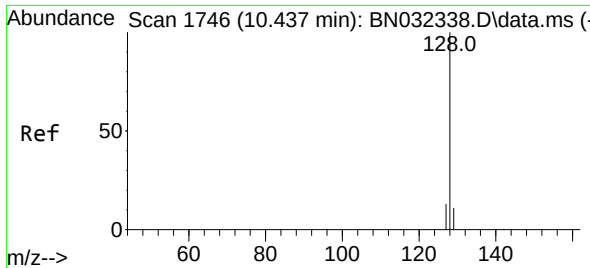
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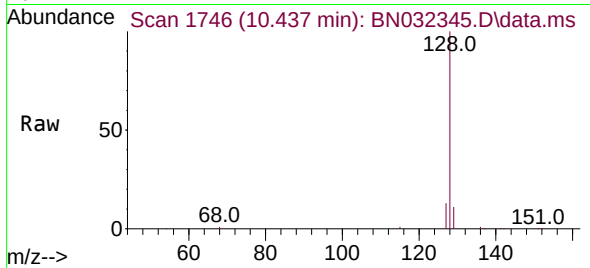
Quant Time: Jun 30 23:04:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.101 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

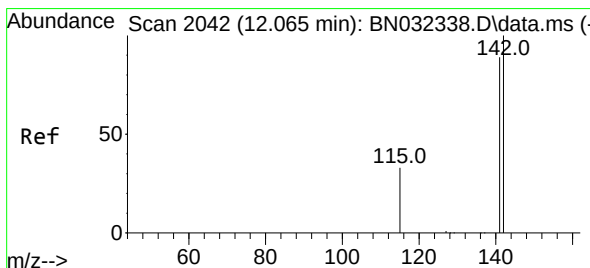
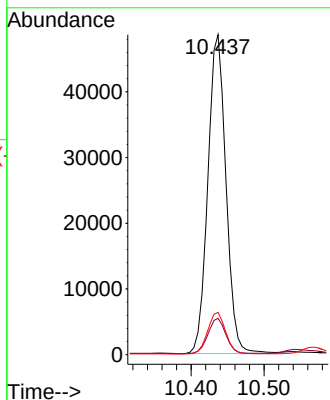
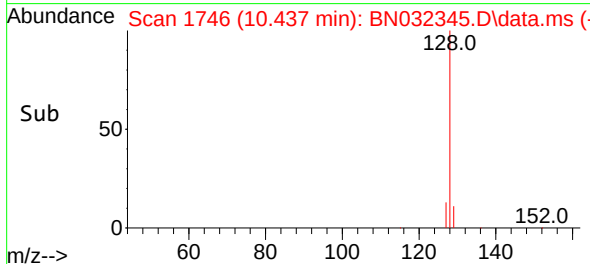
Instrument :
BNA_N
ClientSampleId :
A4CP9



Tgt Ion:128 Resp: 8404
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.2 10.8 16.2

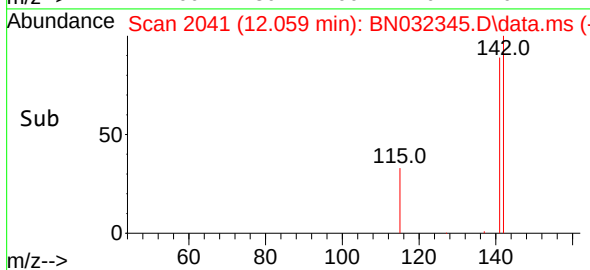
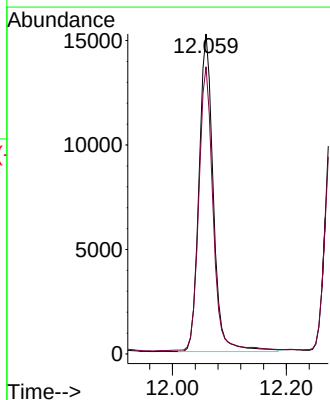
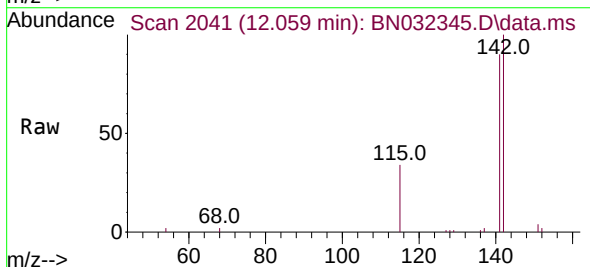
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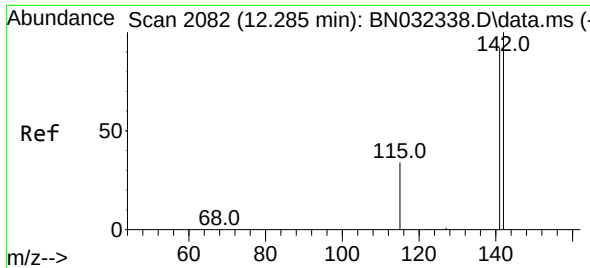
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.521 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

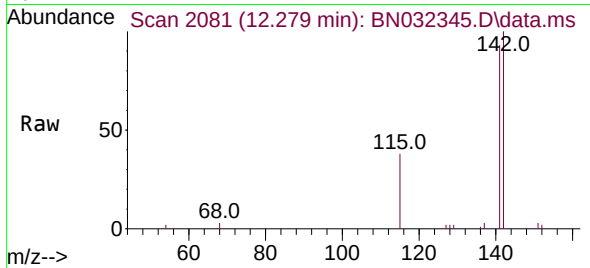
Tgt Ion:142 Resp: 26369
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.279 min Scan# 2082
Delta R.T. -0.017 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

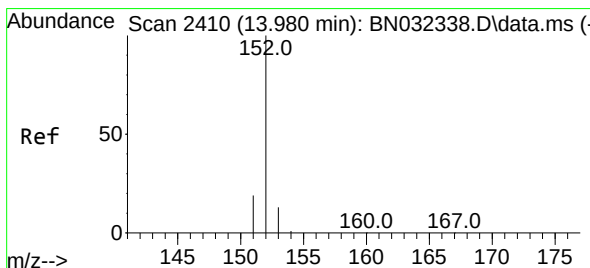
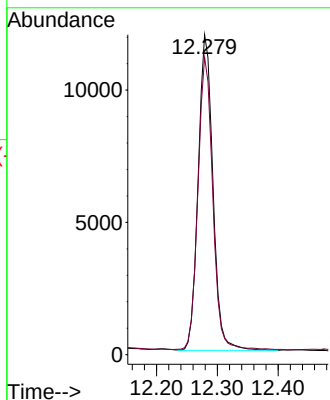
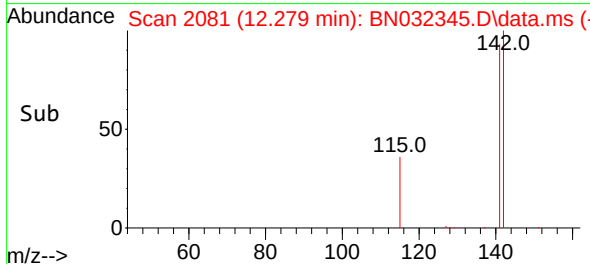
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 20180
Ion Ratio Lower Upper
142 100
141 92.9 73.4 110.0

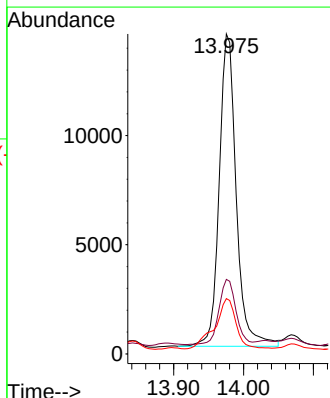
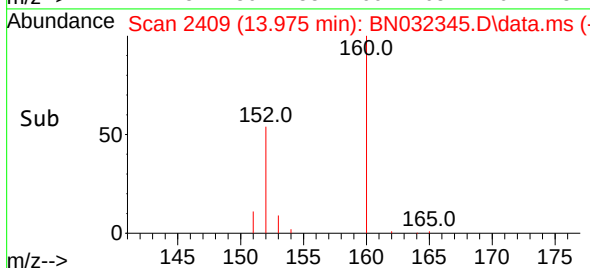
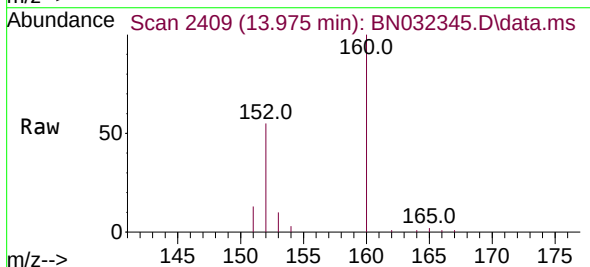
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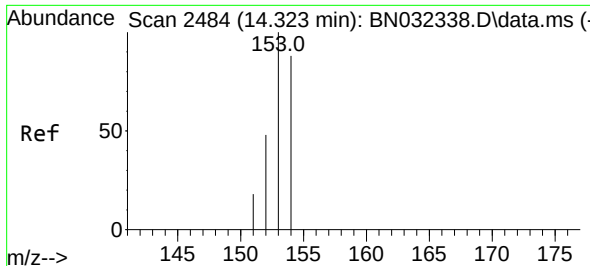
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 13.975 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

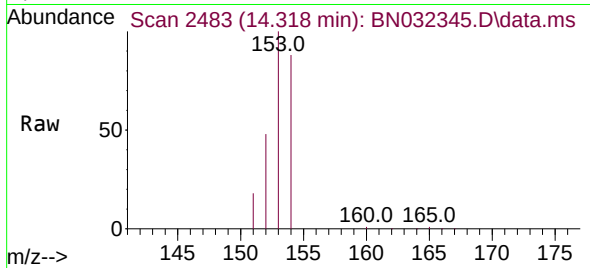
Tgt Ion:152 Resp: 24224
Ion Ratio Lower Upper
152 100
151 23.3 15.7 23.5
153 17.3 10.9 16.3#





#11
Acenaphthene
Concen: 2.123 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

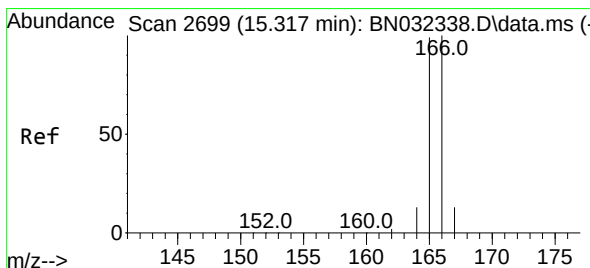
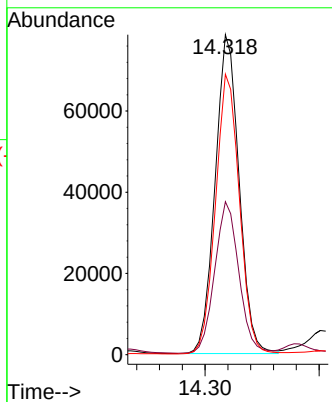
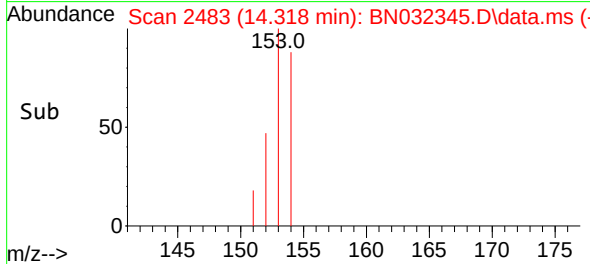
Instrument :
BNA_N
ClientSampleId :
A4CP9



Tgt Ion:153 Resp: 114369
Ion Ratio Lower Upper
153 100
152 47.8 39.5 59.3
154 87.6 71.7 107.5

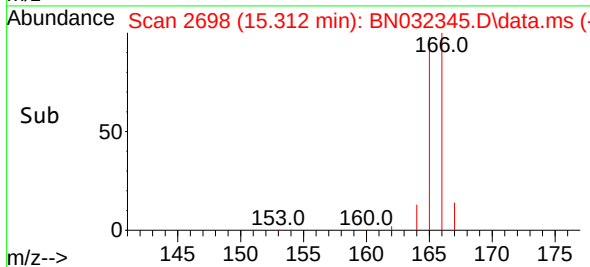
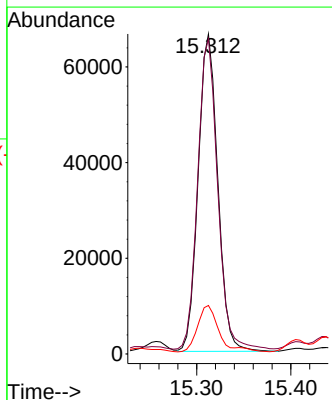
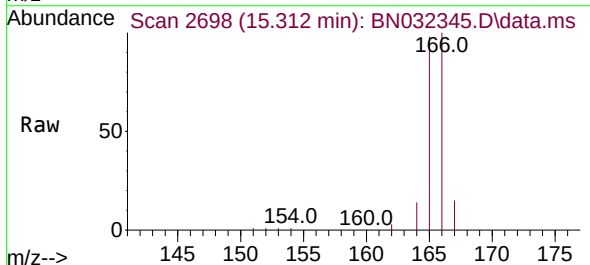
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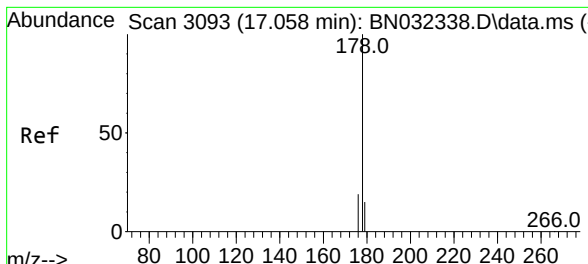
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 1.497 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

Tgt Ion:166 Resp: 96052
Ion Ratio Lower Upper
166 100
165 98.5 79.0 118.6
167 15.2 11.0 16.6





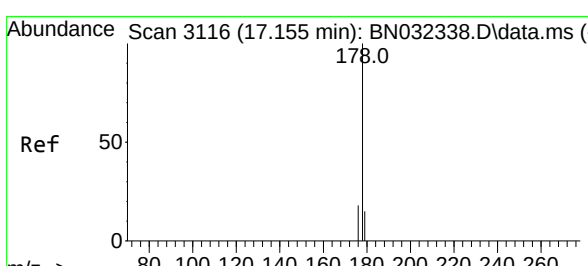
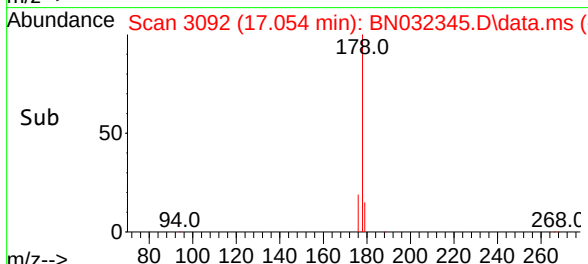
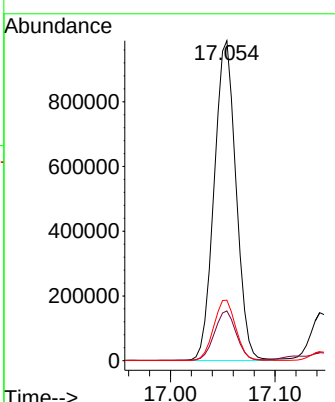
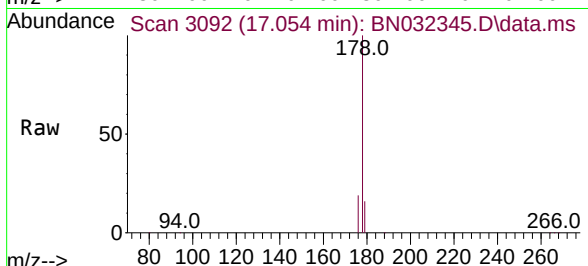
#15
 Phenanthrene
 Concen: 16.270 ng/ul m
 RT: 17.054 min Scan# 3092
 Delta R.T. -0.013 min
 Lab File: BN032345.D
 Acq: 29 Jun 2024 11:05

Instrument : BNA_N
 ClientSampleId : A4CP9

Tgt Ion:178 Resp: 143182

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	18.9	15.6	23.4

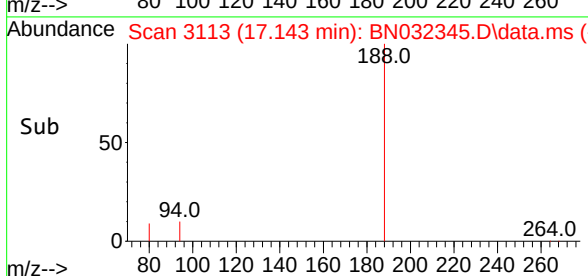
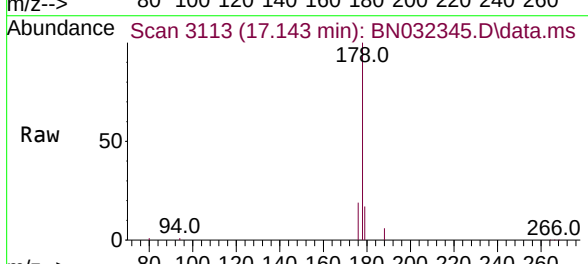
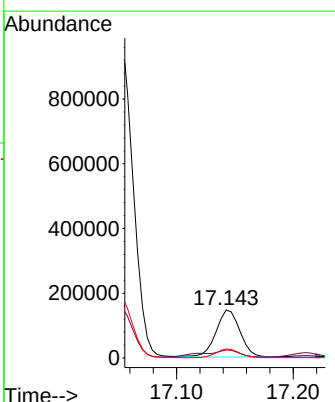
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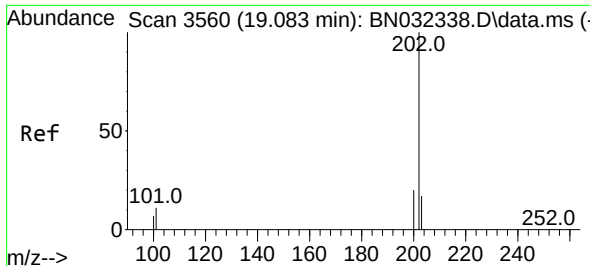


#16
 Anthracene
 Concen: 2.641 ng/ul m
 RT: 17.143 min Scan# 3113
 Delta R.T. -0.017 min
 Lab File: BN032345.D
 Acq: 29 Jun 2024 11:05

Tgt Ion:178 Resp: 207330

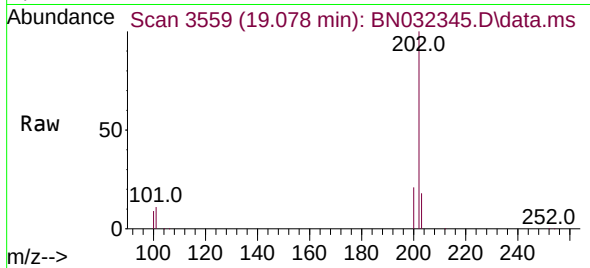
Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.5	18.7
176	18.7	15.0	22.6





#19
Fluoranthene
Concen: 23.952 ng/ul m
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

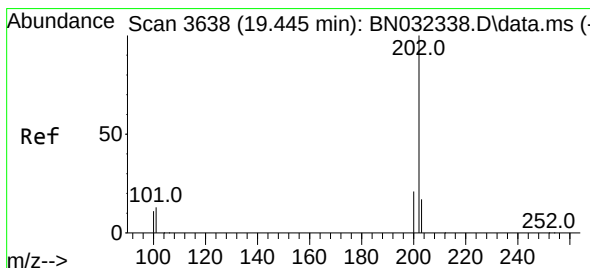
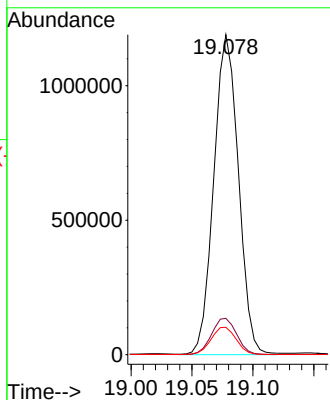
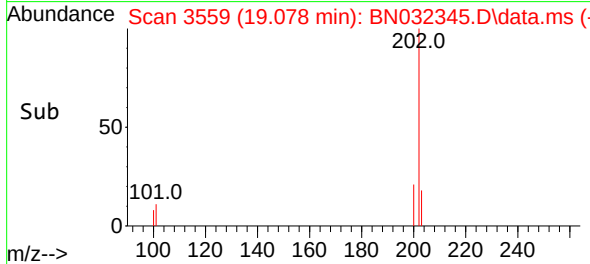
Instrument :
BNA_N
ClientSampleId :
A4CP9



Tgt Ion:202 Resp: 1674680
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.5 6.4 9.6

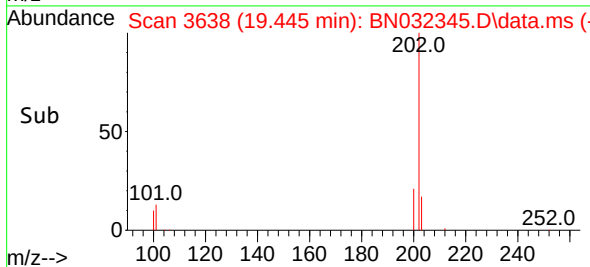
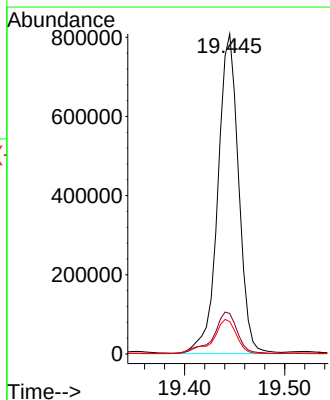
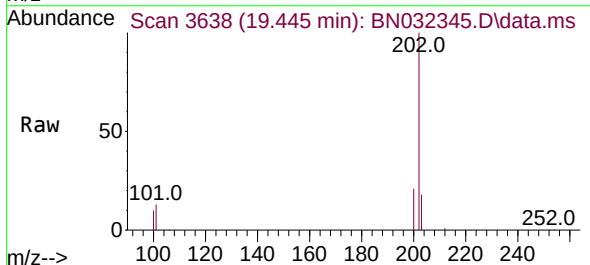
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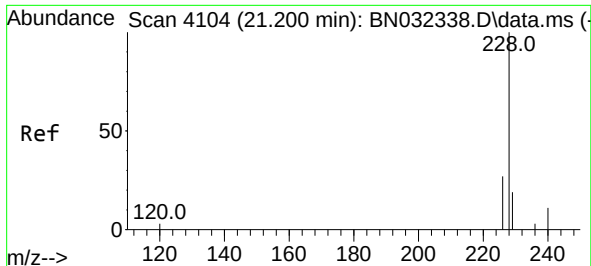
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 15.949 ng/ul m
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

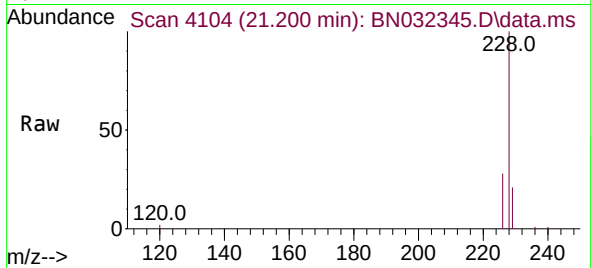
Tgt Ion:202 Resp: 1165297
Ion Ratio Lower Upper
202 100
101 12.7 11.0 16.4
100 10.1 8.7 13.1





#21
Benzo(a)anthracene
Concen: 9.326 ng/ul m
RT: 21.200 min Scan# 4104
Delta R.T. -0.015 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

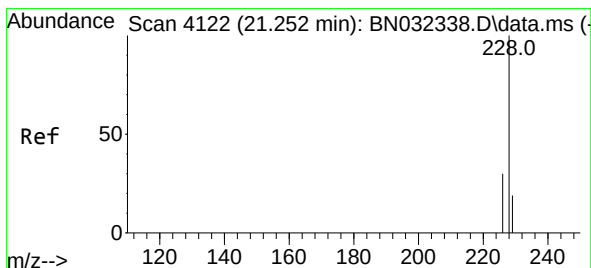
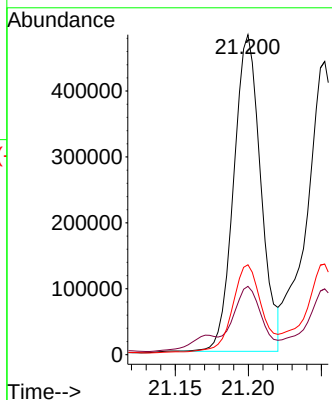
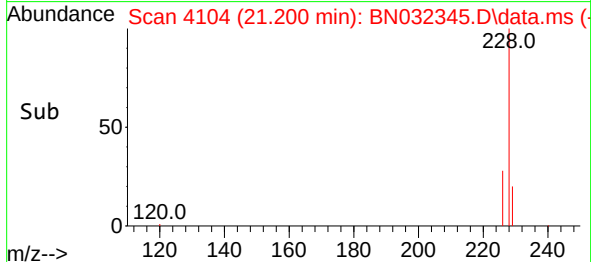
Instrument :
BNA_N
ClientSampleId :
A4CP9



Tgt Ion:228 Resp: 618008
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 28.1 21.8 32.8

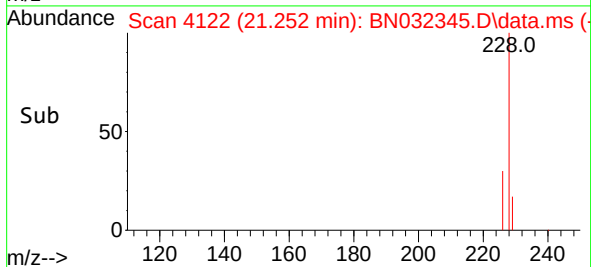
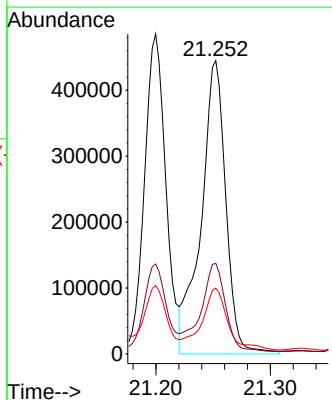
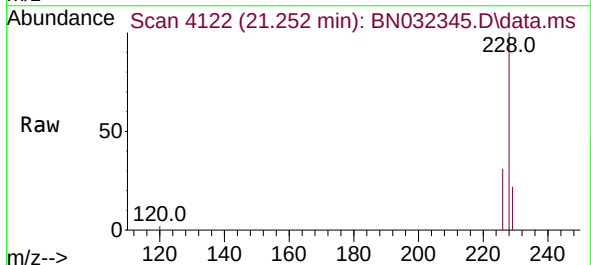
Manual Integrations
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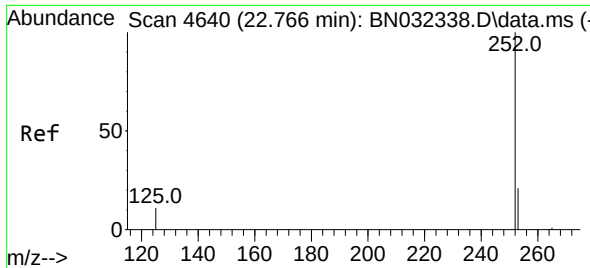
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 9.201 ng/ul m
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

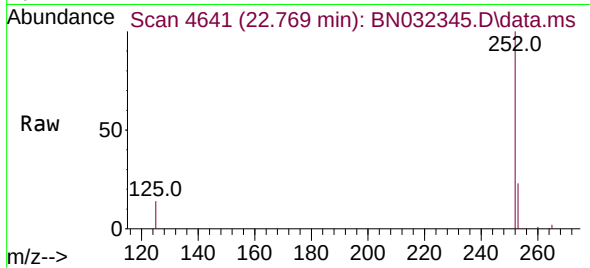
Tgt Ion:228 Resp: 669231
Ion Ratio Lower Upper
228 100
226 30.9 23.6 35.4
229 22.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 8.224 ng/ul m
RT: 22.769 min Scan# 4641
Delta R.T. -0.015 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

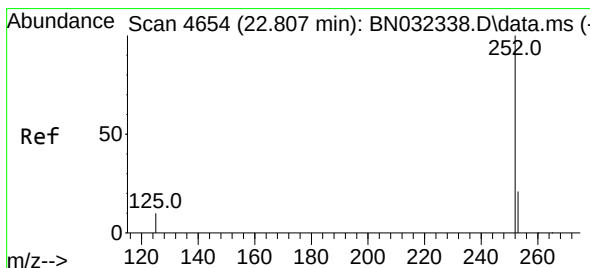
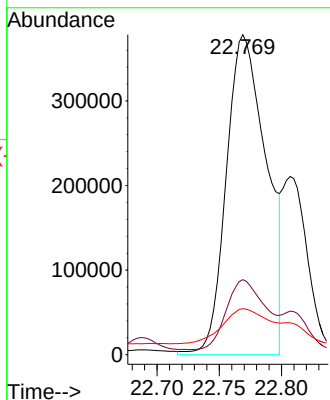
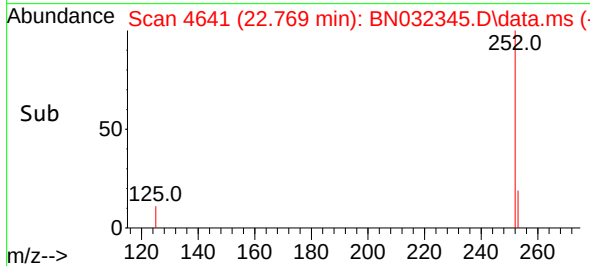
Instrument :
BNA_N
ClientSampleId :
A4CP9



Tgt Ion:252 Resp: 84576
Ion Ratio Lower Upper
252 100
253 23.4 0.0 50.2
125 14.4 0.0 32.0

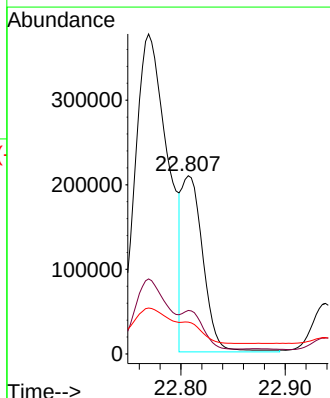
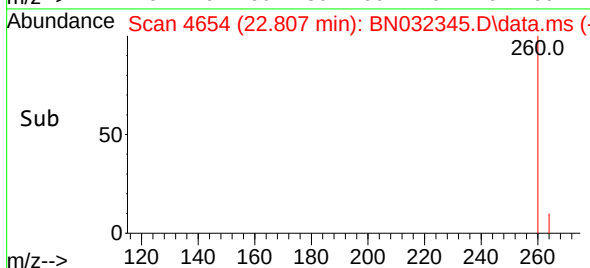
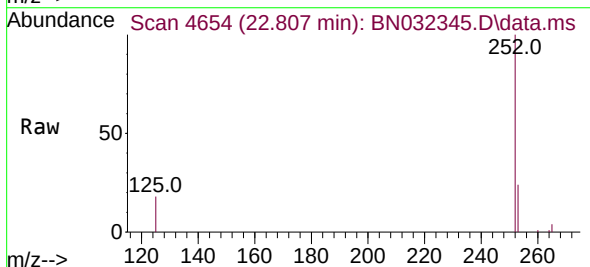
Manual Integrations
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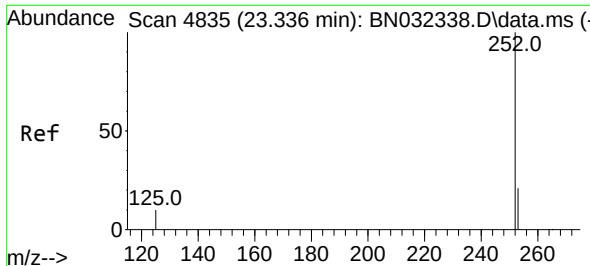
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 2.959 ng/ul m
RT: 22.807 min Scan# 4654
Delta R.T. -0.021 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

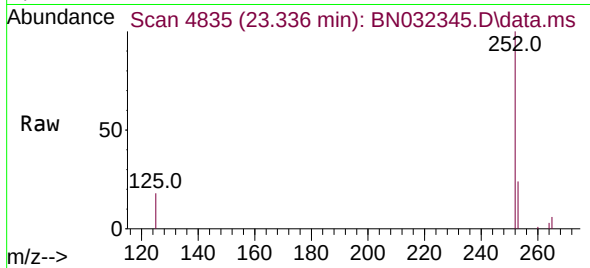
Tgt Ion:252 Resp: 295667
Ion Ratio Lower Upper
252 100
253 24.4 20.3 30.5
125 17.9 12.8 19.2





#26
Benzo(a)pyrene
Concen: 4.414 ng/ul m
RT: 23.336 min Scan# 4835
Delta R.T. -0.024 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

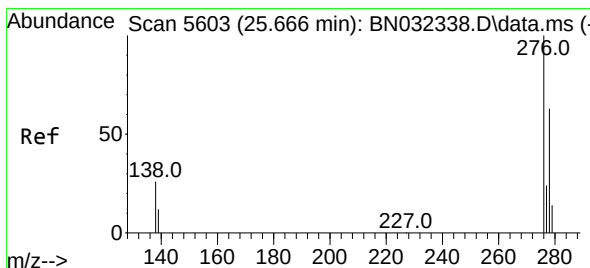
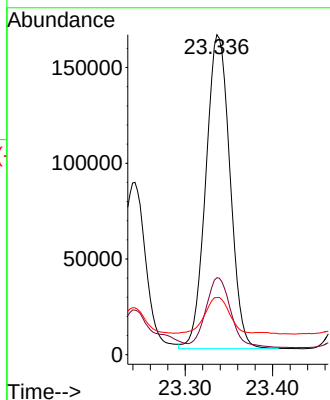
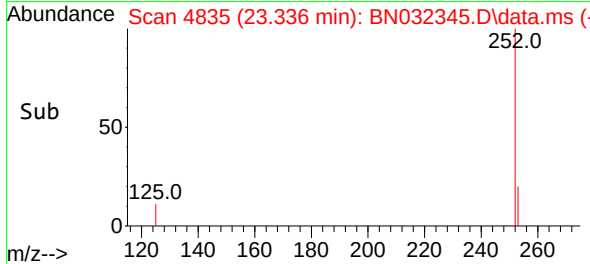
Instrument :
BNA_N
ClientSampleId :
A4CP9



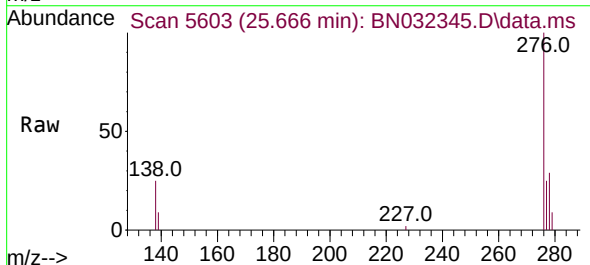
Tgt Ion:252 Resp: 31582
Ion Ratio Lower Upper
252 100
253 24.0 22.2 33.2
125 17.9 16.4 24.6

Manual Integrations
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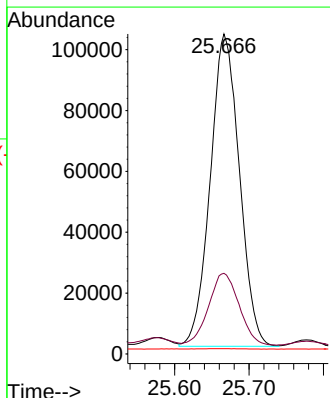
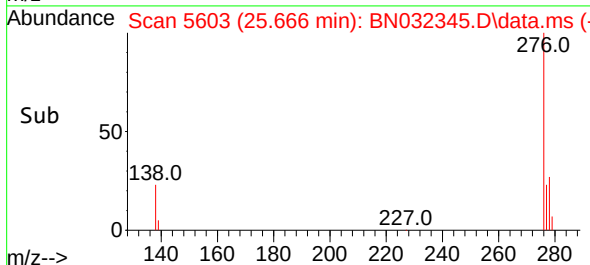
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

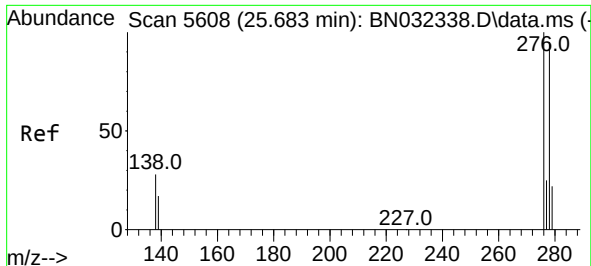


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.493 ng/ul m
RT: 25.666 min Scan# 5603
Delta R.T. -0.034 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05



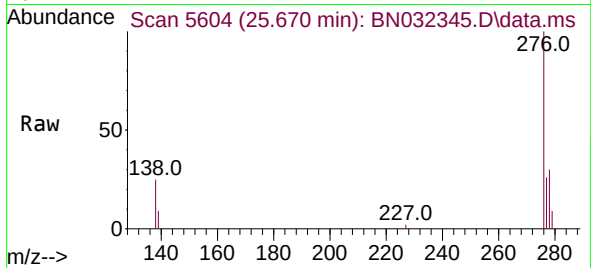
Tgt Ion:276 Resp: 279368
Ion Ratio Lower Upper
276 100
138 4.6 21.3 31.9#
227 0.4 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.221 ng/ul m
RT: 25.670 min Scan# 5604
Delta R.T. -0.040 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05

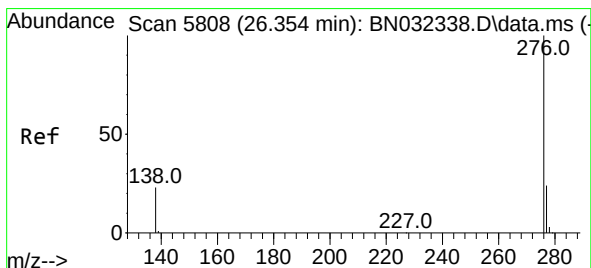
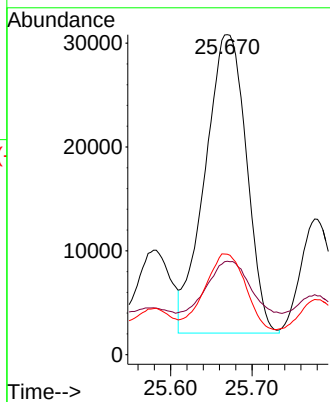
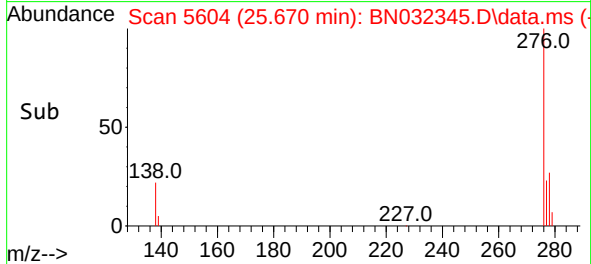
Instrument :
BNA_N
ClientSampleId :
A4CP9



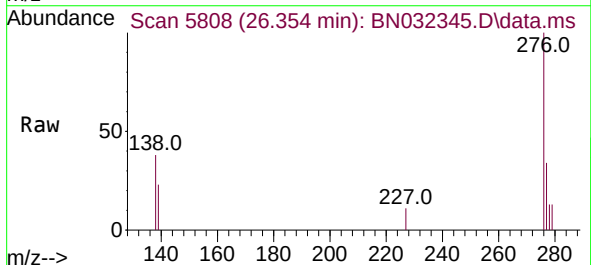
Tgt Ion:278 Resp: 10163
Ion Ratio Lower Upper
278 100
139 29.2 15.9 23.9#
279 31.4 21.1 31.7

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Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.471 ng/ul m
RT: 26.354 min Scan# 5808
Delta R.T. -0.027 min
Lab File: BN032345.D
Acq: 29 Jun 2024 11:05



Tgt Ion:276 Resp: 42017
Ion Ratio Lower Upper
276 100
138 37.5 19.8 29.6#
277 33.8 19.8 29.6#

