

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032480.D
 Acq On : 04 Jul 2024 18:46
 Operator : MA/JU
 Sample : P3065-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 23:07:38 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	7328	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	21151	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	11552	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	21783m	0.400	ng/ul	0.00
17) Chrysene-d12	21.205	240	18413m	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	22061m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	27710	3.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	6399	0.202	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	12632m	0.228	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	9125	0.163	ng/ul	97
7) 2-Methylnaphthalene	12.048	142	3009	0.081	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	2208	0.057	ng/ul	97
10) Acenaphthylene	13.966	152	18303	0.381	ng/ul	98
11) Acenaphthene	14.308	153	9621	0.258	ng/ul	98
12) Fluorene	15.303	166	11585	0.261	ng/ul	98
15) Phenanthrene	17.041	178	236294m	3.957	ng/ul	
16) Anthracene	17.134	178	46023m	0.864	ng/ul	
19) Fluoranthene	19.068	202	568200m	8.104	ng/ul	
20) Pyrene	19.436	202	374329m	5.109	ng/ul	
21) Benzo(a)anthracene	21.191	228	256494m	3.860	ng/ul	
22) Chrysene	21.241	228	309750m	4.246	ng/ul	
24) Benzo(b)fluoranthene	22.757	252	464145m	4.843	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	150228m	1.613	ng/ul	
26) Benzo(a)pyrene	23.321	252	149103m	2.236	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.653	276	159137m	1.524	ng/ul	
28) Dibenzo(a,h)anthracene	25.659	278	58235m	0.751	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	23848m	0.287	ng/ul	

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

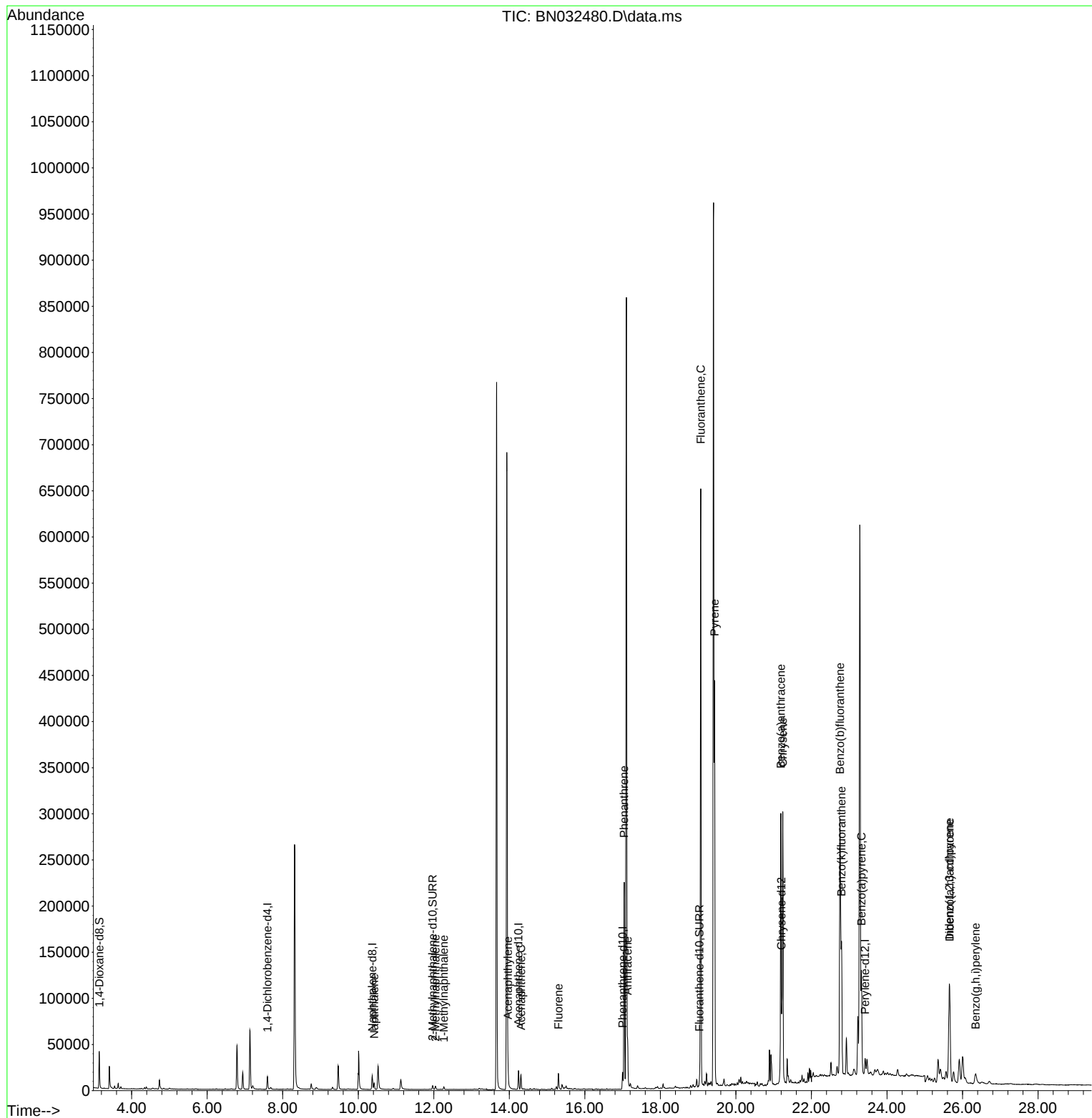
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032480.D
Acq On : 04 Jul 2024 18:46
Operator : MA/JU
Sample : P3065-11
Misc :
ALS Vial : 53 Sample Multiplier: 1

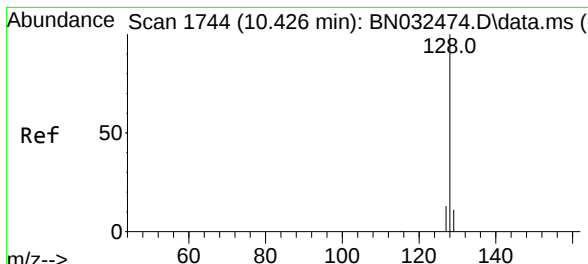
Instrument :
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Supervised By :mohammad ahmed 07/05/2024

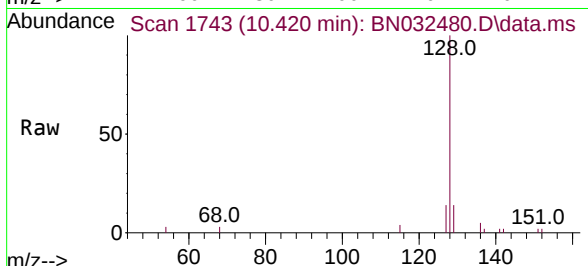
Quant Time: Jul 04 23:07:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#5
Naphthalene
Concen: 0.163 ng/ul
RT: 10.420 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

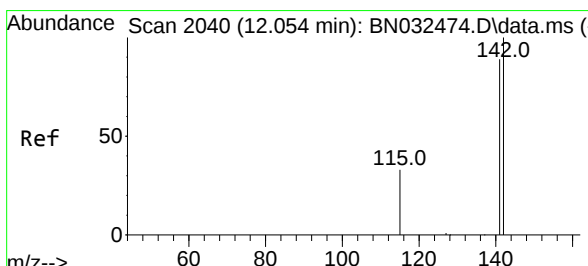
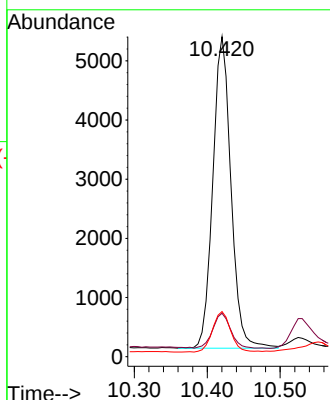
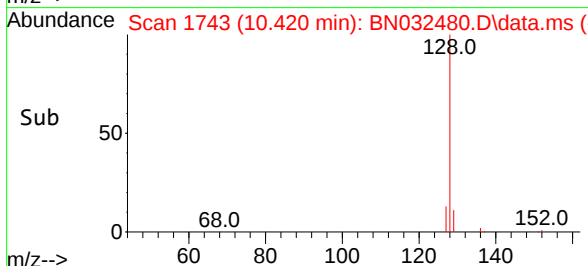
Instrument :
BNA_N
ClientSampleId :
A4CE8



Tgt Ion:128 Resp: 912
Ion Ratio Lower Upper
128 100
129 13.6 9.2 13.8
127 14.1 10.8 16.2

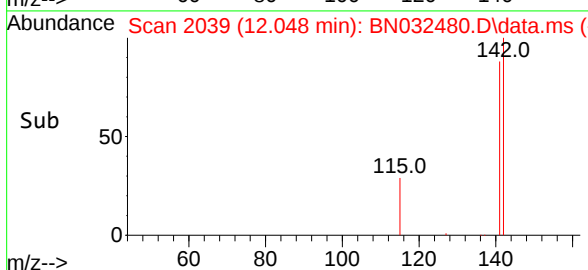
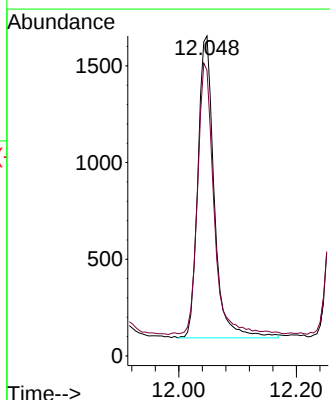
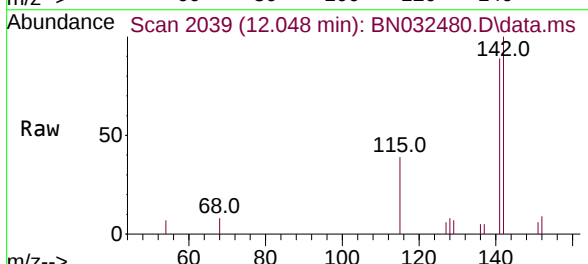
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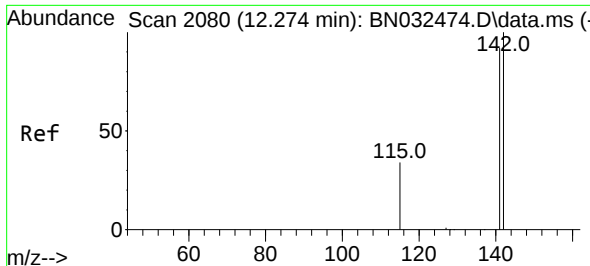
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

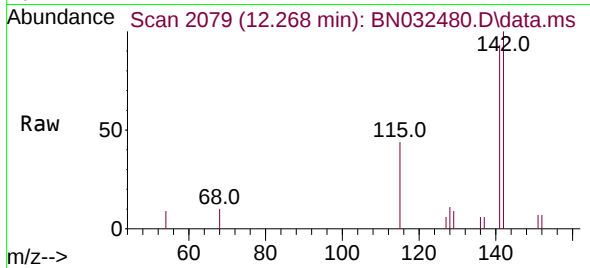
Tgt Ion:142 Resp: 3009
Ion Ratio Lower Upper
142 100
141 88.5 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

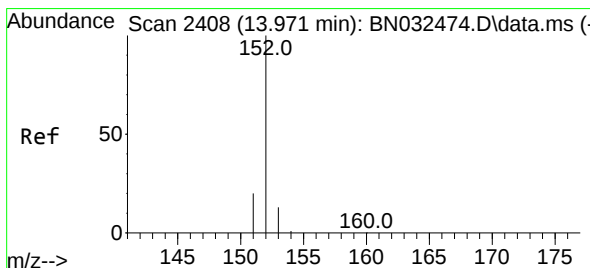
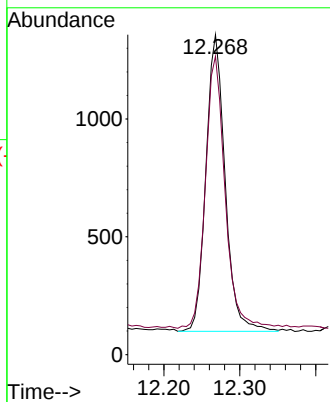
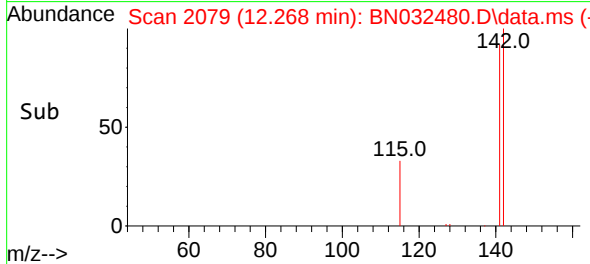
Instrument :
BNA_N
ClientSampleId :
A4CE8



Tgt Ion:142 Resp: 2208
Ion Ratio Lower Upper
142 100
141 94.4 73.4 110.0

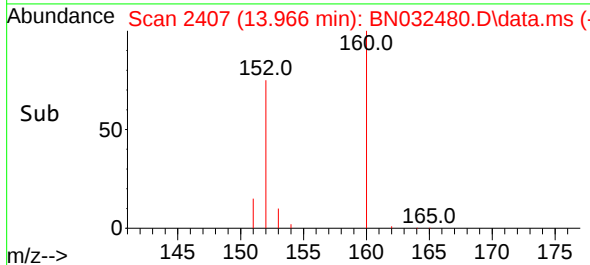
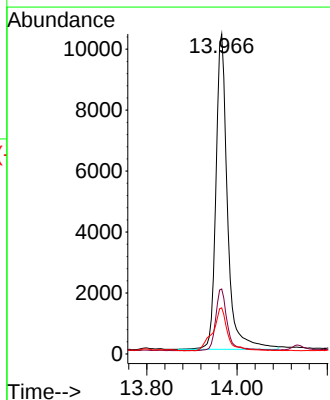
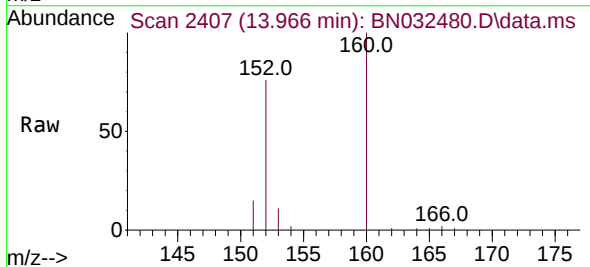
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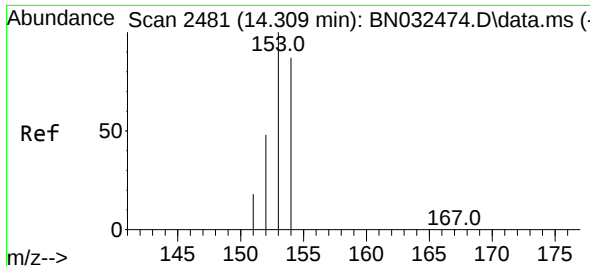
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

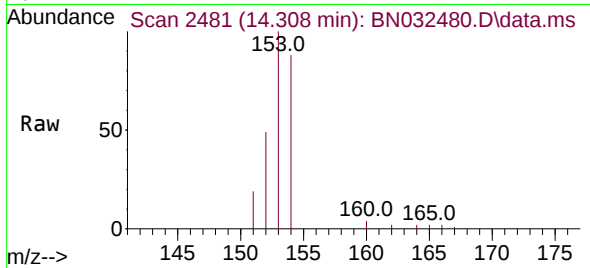
Tgt Ion:152 Resp: 18303
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 14.4 10.9 16.3





#11
Acenaphthene
Concen: 0.258 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

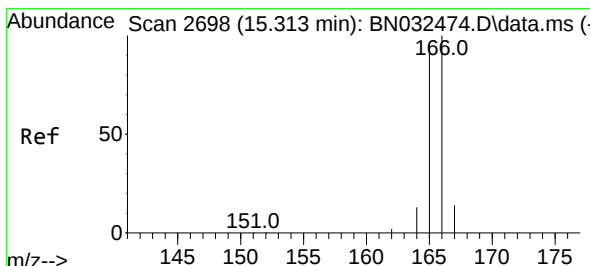
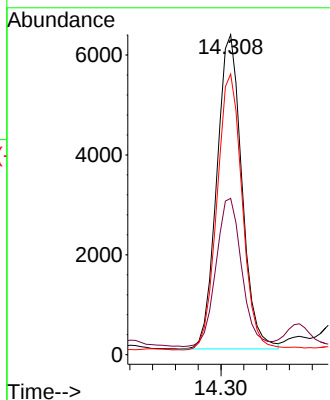
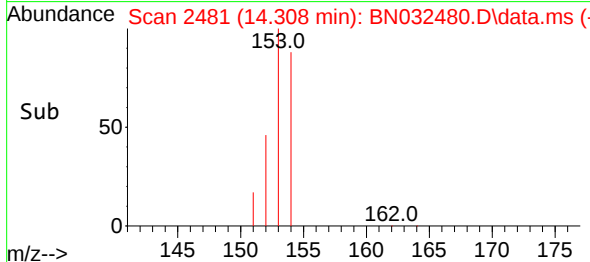
Instrument :
BNA_N
ClientSampleId :
A4CE8



Tgt Ion:153 Resp: 962
Ion Ratio Lower Upper
153 100
152 48.9 39.5 59.3
154 87.7 71.7 107.5

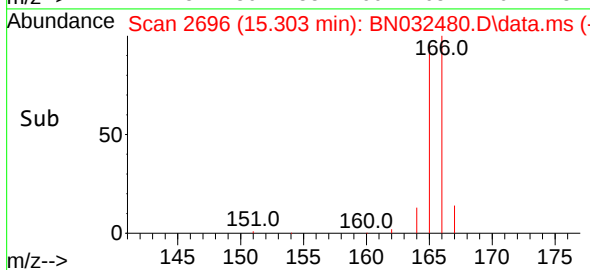
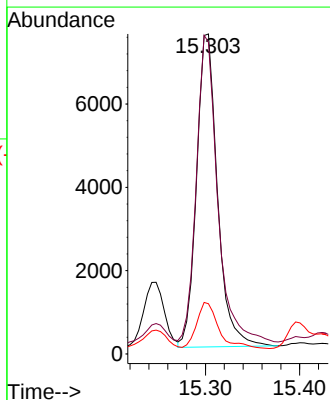
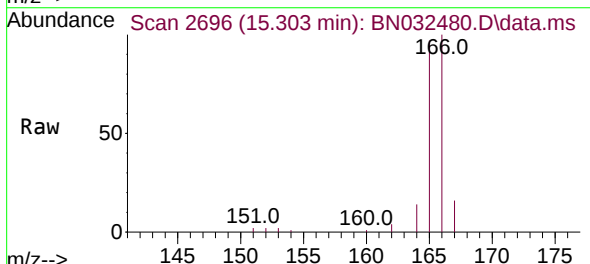
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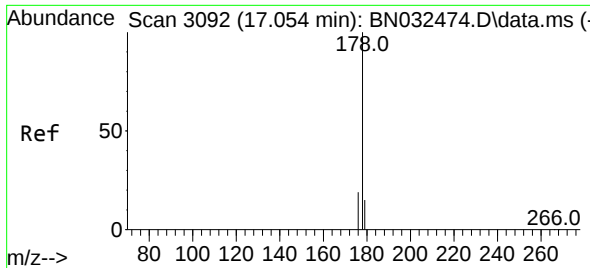
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.261 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

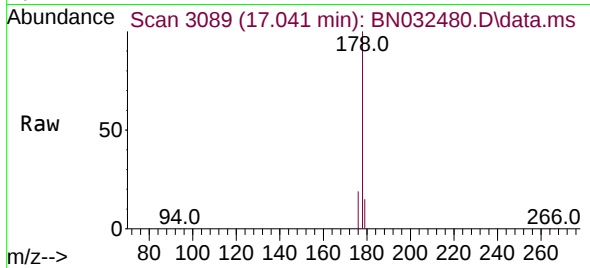
Tgt Ion:166 Resp: 11585
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.6
167 15.7 11.0 16.6





#15
Phenanthrene
Concen: 3.957 ng/ul m
RT: 17.041 min Scan# 3092
Delta R.T. -0.009 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

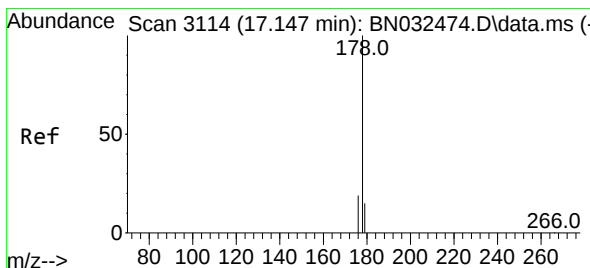
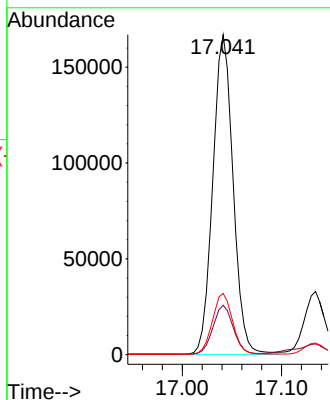
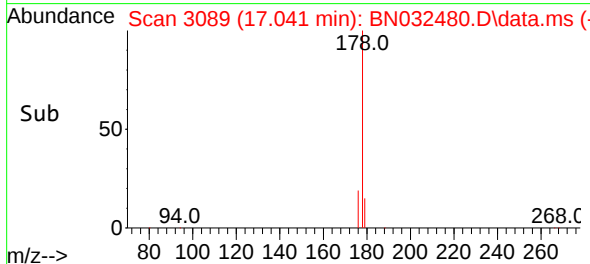
Instrument :
BNA_N
ClientSampleId :
A4CE8



Tgt Ion:178 Resp: 236294
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.1 15.6 23.4

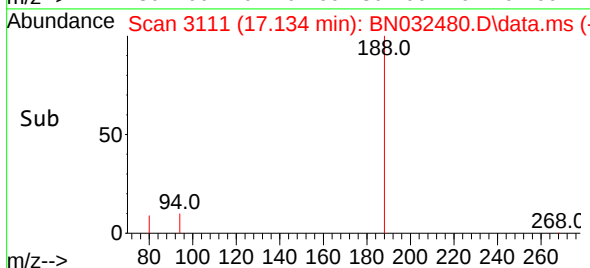
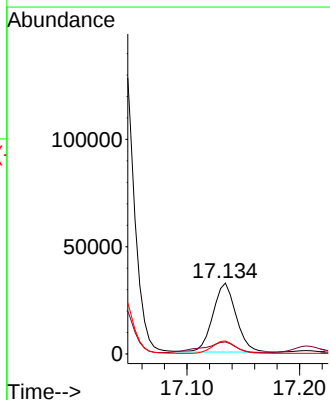
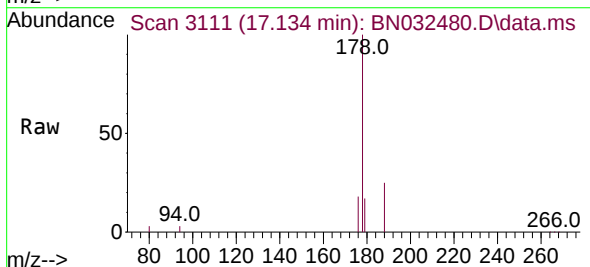
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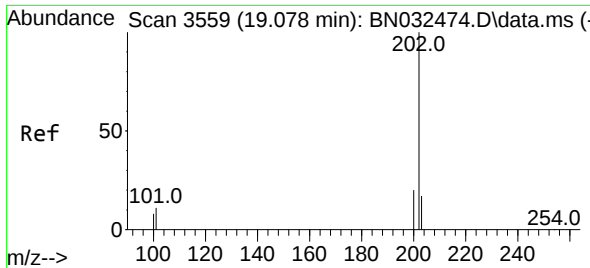
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 0.864 ng/ul m
RT: 17.134 min Scan# 3111
Delta R.T. -0.009 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

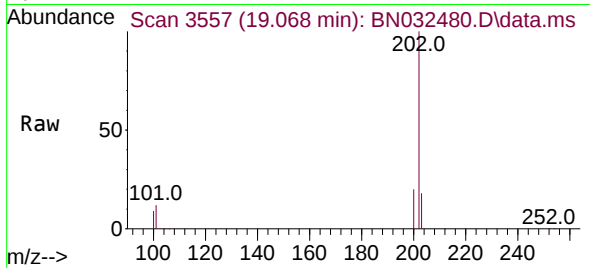
Tgt Ion:178 Resp: 46023
Ion Ratio Lower Upper
178 100
179 17.0 12.5 18.7
176 18.3 15.0 22.6





#19
Fluoranthene
Concen: 8.104 ng/ul m
RT: 19.068 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

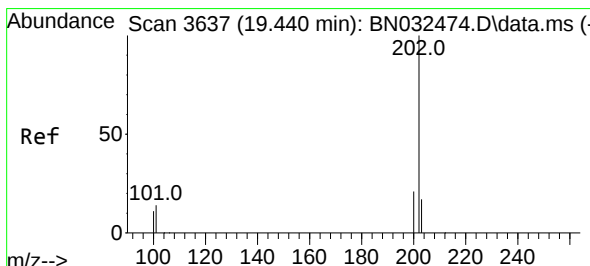
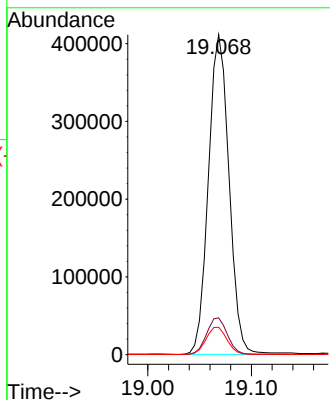
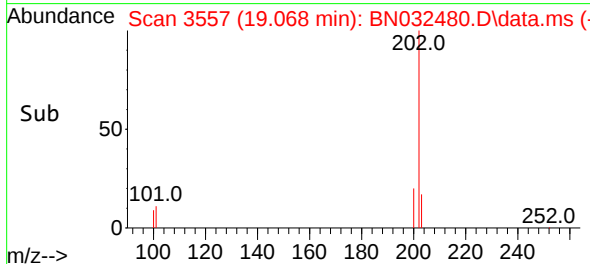
Instrument :
BNA_N
ClientSampleId :
A4CE8



Tgt Ion:202 Resp: 568200
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 8.6 6.4 9.6

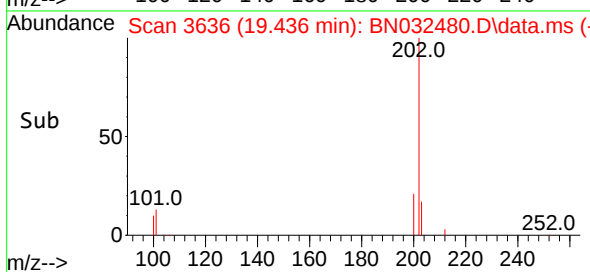
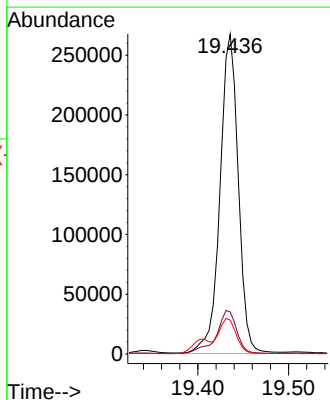
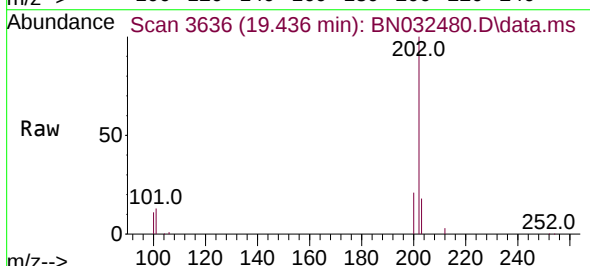
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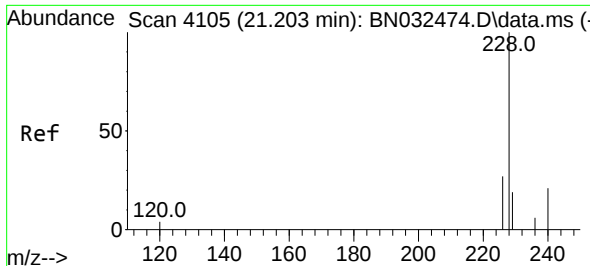
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 5.109 ng/ul m
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

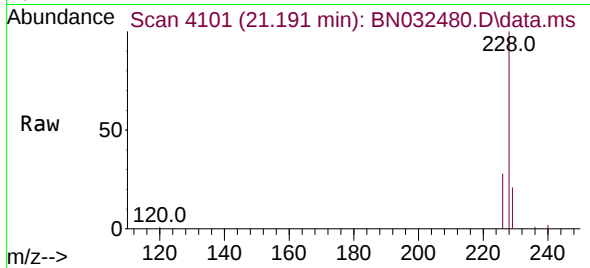
Tgt Ion:202 Resp: 374329
Ion Ratio Lower Upper
202 100
101 13.1 11.0 16.4
100 10.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 3.860 ng/ul m
RT: 21.191 min Scan# 4110
Delta R.T. -0.000 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

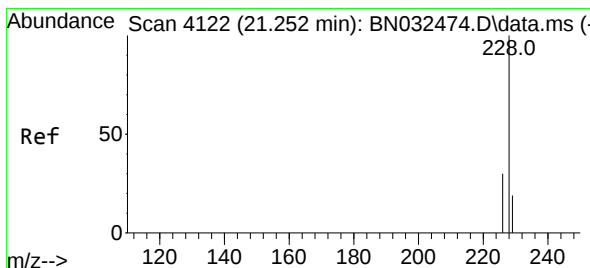
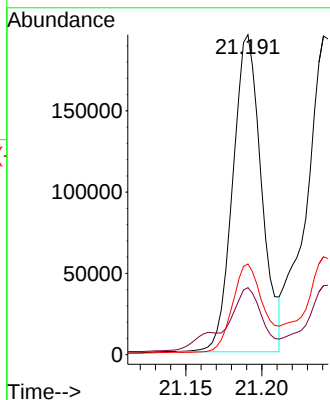
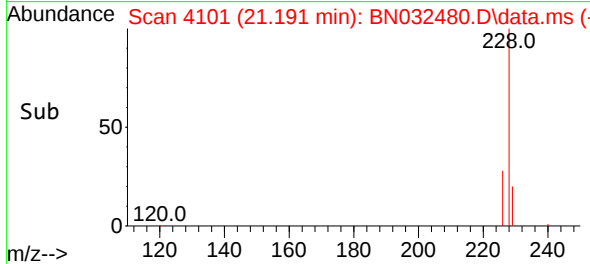
Instrument :
BNA_N
ClientSampleId :
A4CE8



Tgt Ion:228 Resp: 256494
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 28.3 21.8 32.8

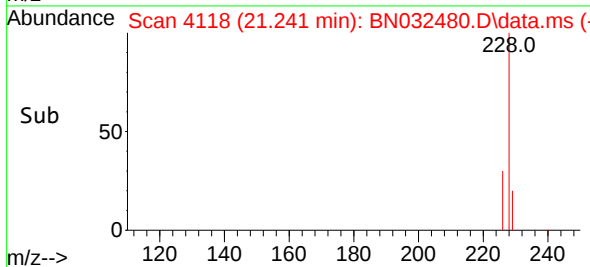
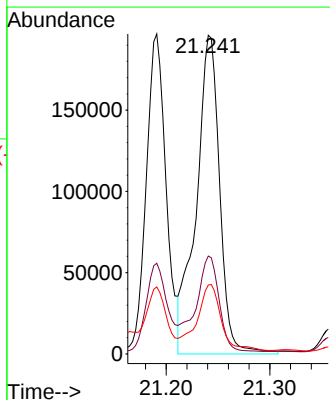
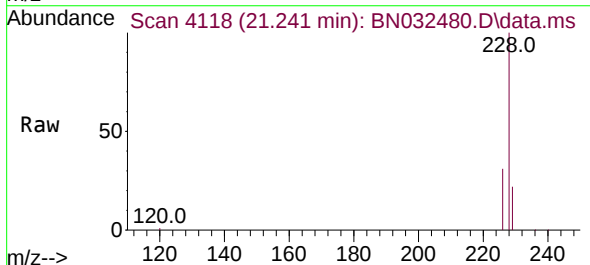
Manual Integrations
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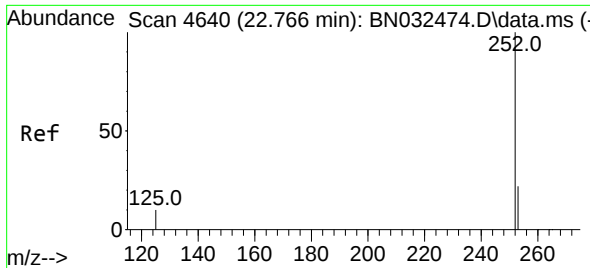
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 4.246 ng/ul m
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

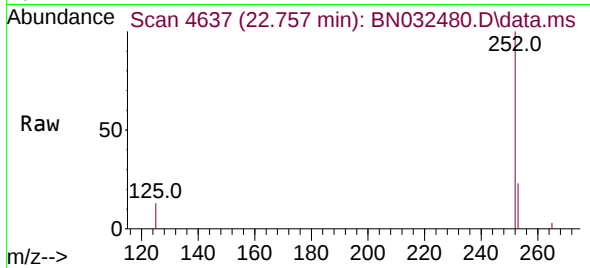
Tgt Ion:228 Resp: 309750
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 21.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 4.843 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

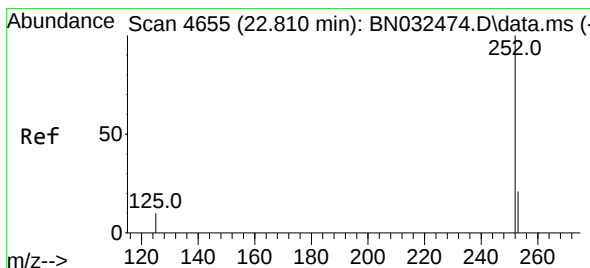
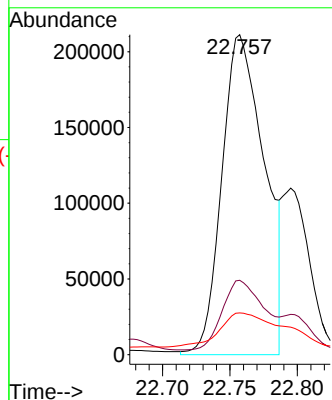
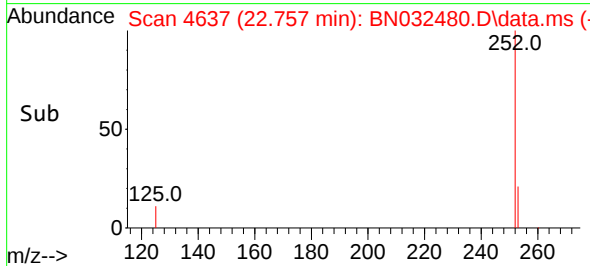
Instrument :
BNA_N
ClientSampleId :
A4CE8



Tgt Ion:252 Resp: 46414
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.2
125 13.1 0.0 32.0

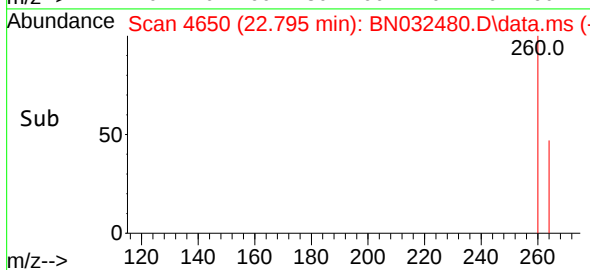
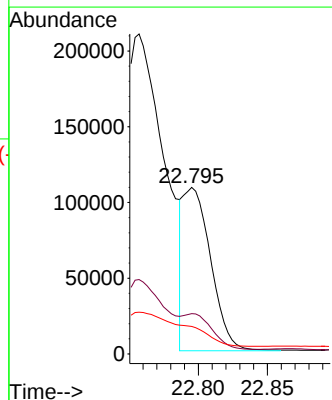
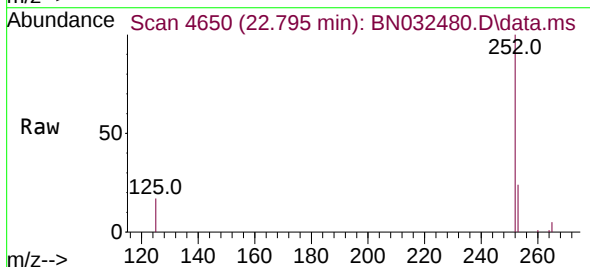
Manual Integrations
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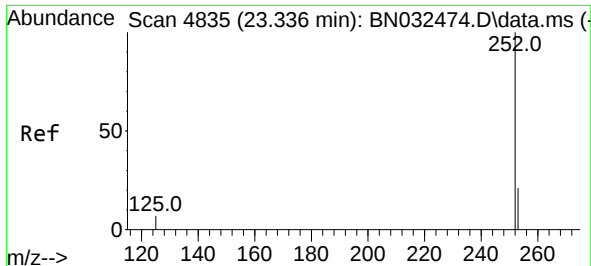
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 1.613 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

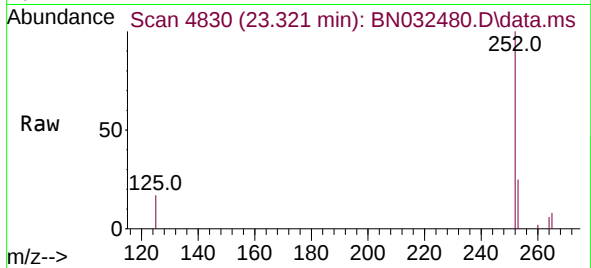
Tgt Ion:252 Resp: 150228
Ion Ratio Lower Upper
252 100
253 24.2 20.3 30.5
125 16.5 12.8 19.2





#26
Benzo(a)pyrene
Concen: 2.236 ng/ul m
RT: 23.321 min Scan# 4835
Delta R.T. -0.006 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

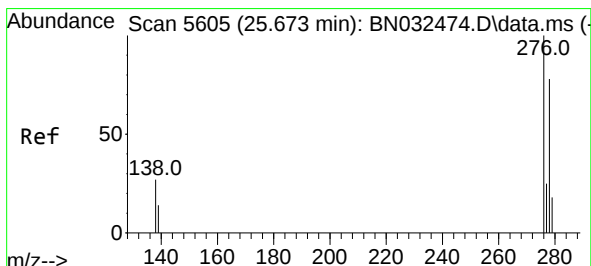
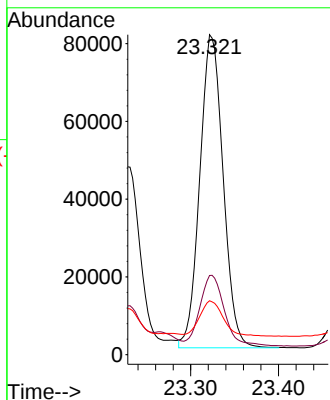
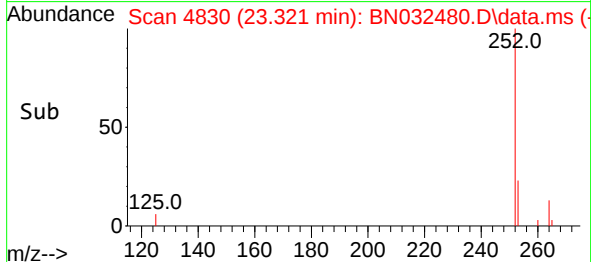
Instrument :
BNA_N
ClientSampleId :
A4CE8



Tgt Ion:252 Resp: 14910
Ion Ratio Lower Upper
252 100
253 24.7 22.2 33.2
125 16.9 16.4 24.6

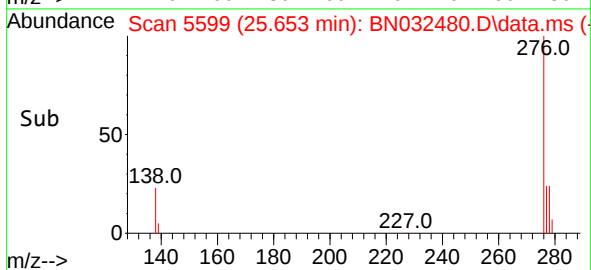
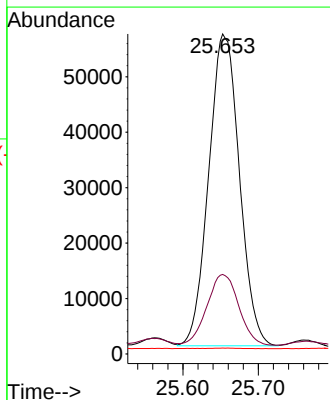
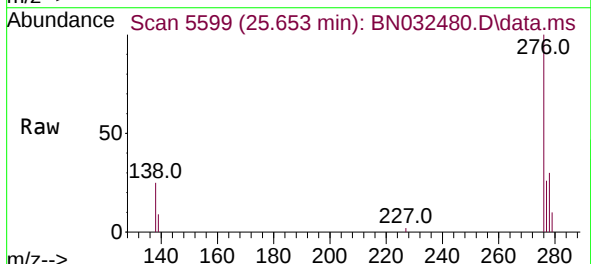
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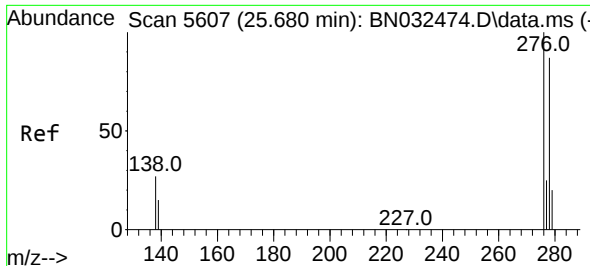
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.524 ng/ul m
RT: 25.653 min Scan# 5599
Delta R.T. -0.007 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

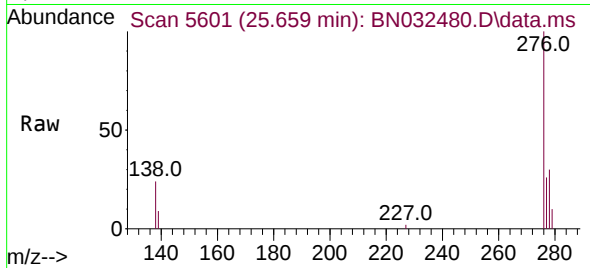
Tgt Ion:276 Resp: 159137
Ion Ratio Lower Upper
276 100
138 3.5 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.751 ng/ul m
RT: 25.659 min Scan# 5601
Delta R.T. -0.007 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46

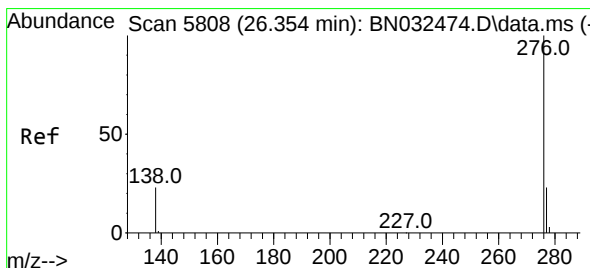
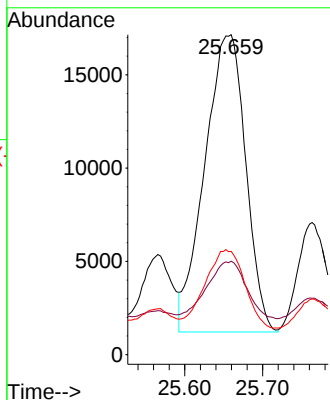
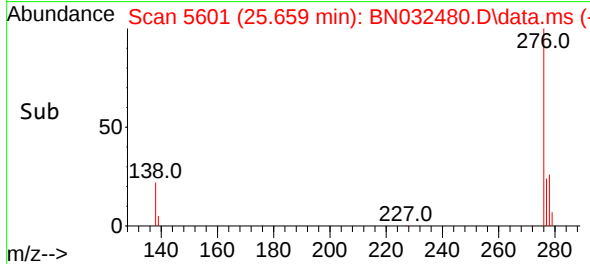
Instrument :
BNA_N
ClientSampleId :
A4CE8



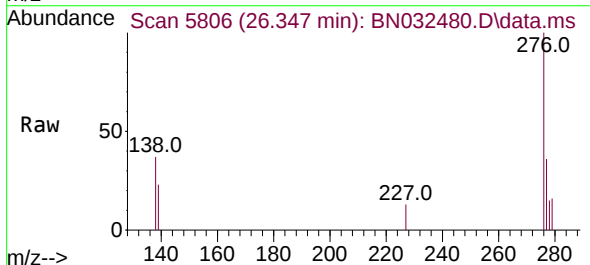
Tgt Ion:278 Resp: 5823
Ion Ratio Lower Upper
278 100
139 29.2 15.9 23.9#
279 32.3 21.1 31.7#

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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.287 ng/ul m
RT: 26.347 min Scan# 5806
Delta R.T. 0.003 min
Lab File: BN032480.D
Acq: 04 Jul 2024 18:46



Tgt Ion:276 Resp: 23848
Ion Ratio Lower Upper
276 100
138 37.5 19.8 29.6#
277 35.7 19.8 29.6#

