

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032483.D
 Acq On : 04 Jul 2024 20:34
 Operator : MA/JU
 Sample : P3065-07
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CD3

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 23:08:11 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	6946	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	19752	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	11224	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	22460m	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	18420m	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264	23463m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	23680	3.067	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	6209	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	13186m	0.238	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.420	128	17075	0.327	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	7409	0.214	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	5998	0.167	ng/ul	99
10) Acenaphthylene	13.966	152	43040	0.922	ng/ul	99
11) Acenaphthene	14.308	153	18592	0.513	ng/ul	98
12) Fluorene	15.303	166	22452	0.520	ng/ul	98
14) Pentachlorophenol	16.670	266	269m	0.053	ng/ul	
15) Phenanthrene	17.041	178	432081m	7.017	ng/ul	
16) Anthracene	17.134	178	96948m	1.765	ng/ul	
19) Fluoranthene	19.068	202	828728m	11.815	ng/ul	
20) Pyrene	19.436	202	601207m	8.202	ng/ul	
21) Benzo(a)anthracene	21.188	228	397343m	5.977	ng/ul	
22) Chrysene	21.241	228	443905m	6.083	ng/ul	
24) Benzo(b)fluoranthene	22.757	252	601565m	5.901	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	242574m	2.449	ng/ul	
26) Benzo(a)pyrene	23.324	252	230116	3.245	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.659	276	231415	2.084	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.659	278	81174	0.984	ng/ul#	76
29) Benzo(g,h,i)perylene	26.347	276	35398	0.400	ng/ul#	81

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

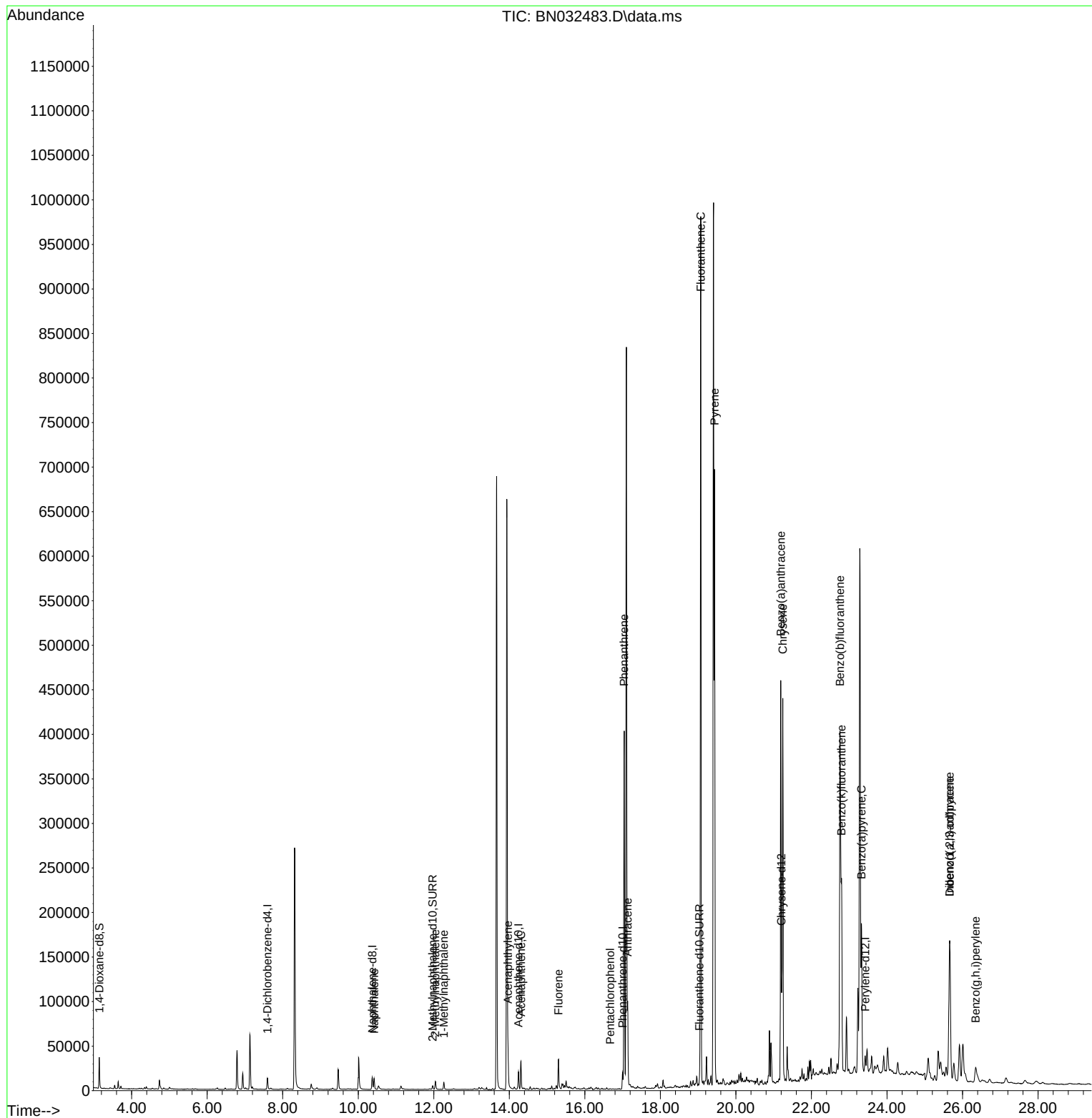
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032483.D
Acq On : 04 Jul 2024 20:34
Operator : MA/JU
Sample : P3065-07
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ALS Vial : 56 Sample Multiplier: 1

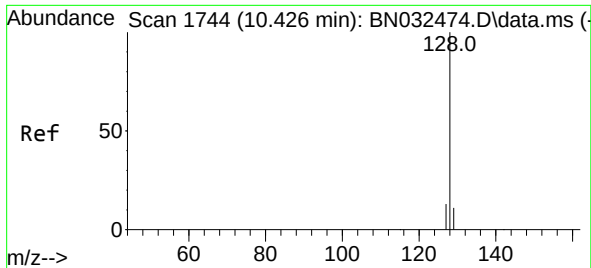
Instrument :
BNA_N
ClientSampleId :
A4CD3

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

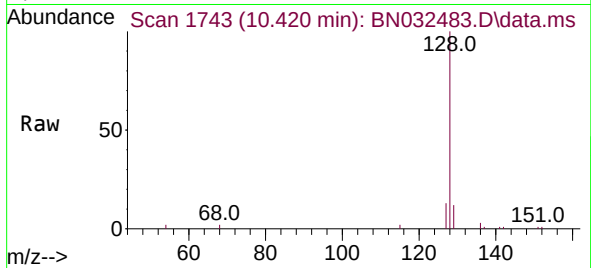
Quant Time: Jul 04 23:08:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

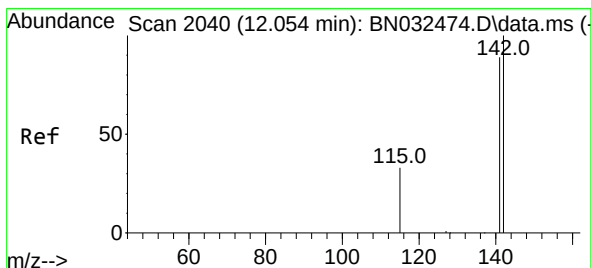
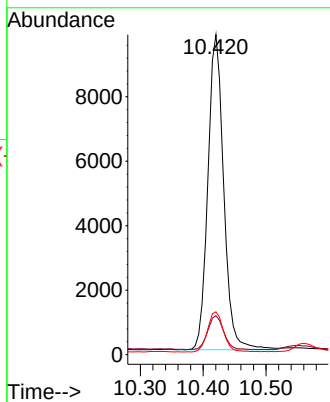
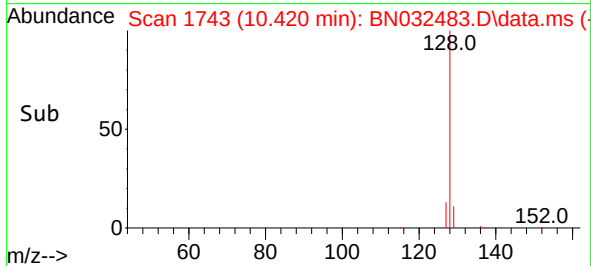
Instrument :
BNA_N
ClientSampleId :
A4CD3



Tgt Ion:128 Resp: 17075
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.4 10.8 16.2

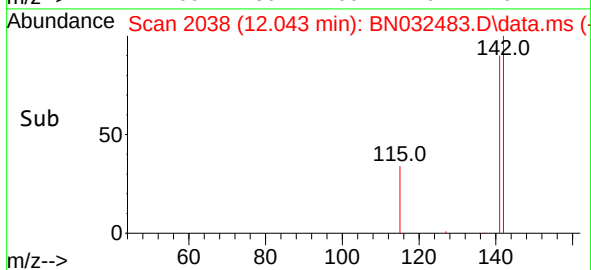
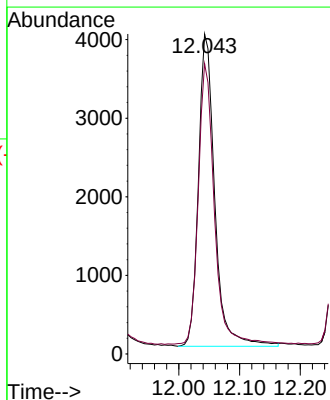
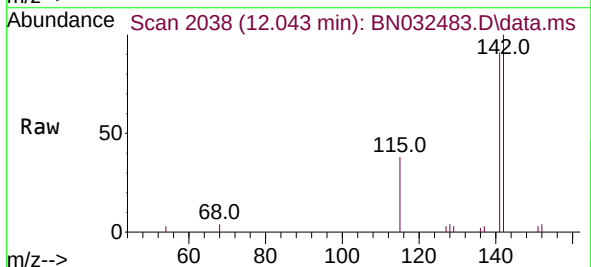
Manual Integrations
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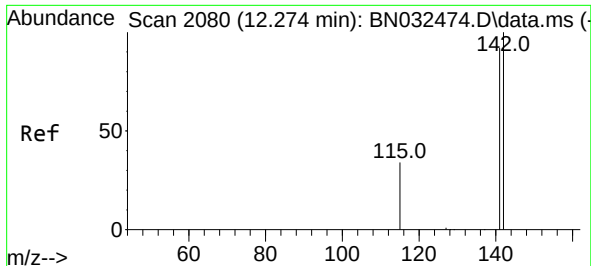
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.214 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

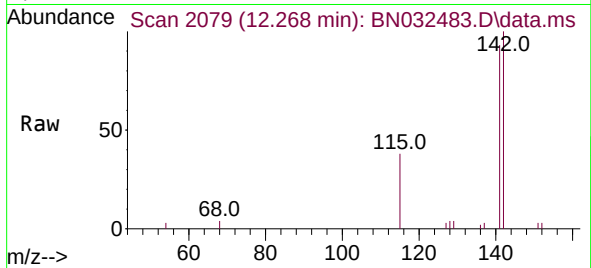
Tgt Ion:142 Resp: 7409
Ion Ratio Lower Upper
142 100
141 88.8 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.167 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

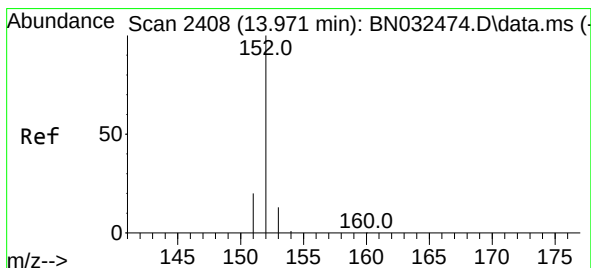
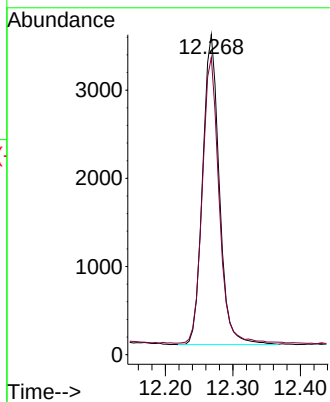
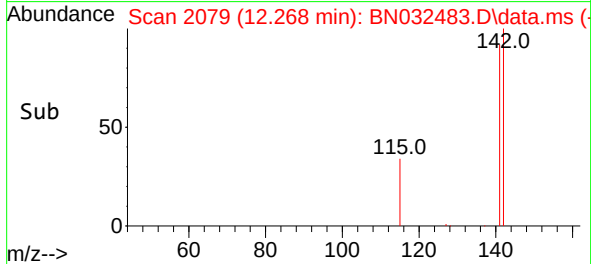
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 5998
Ion Ratio Lower Upper
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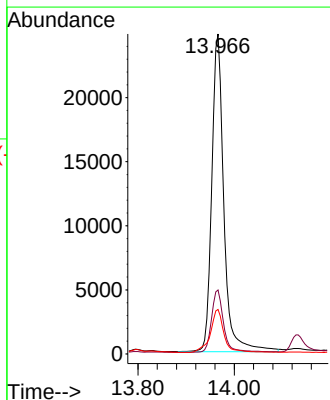
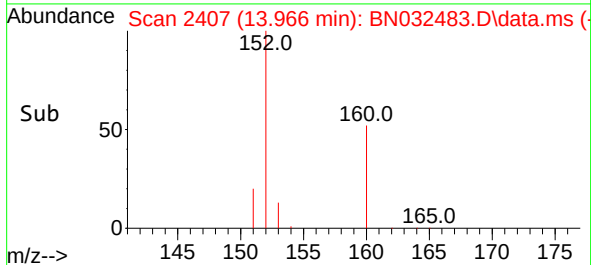
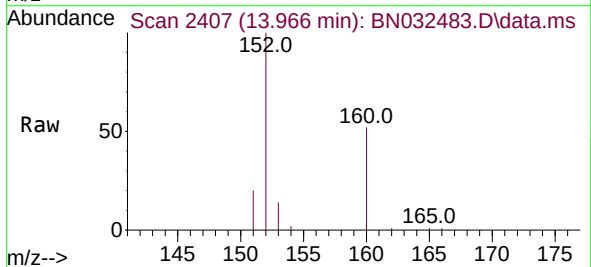
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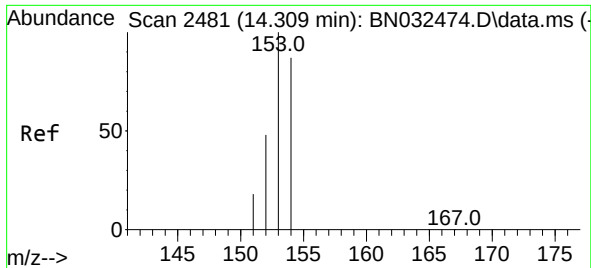
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.922 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

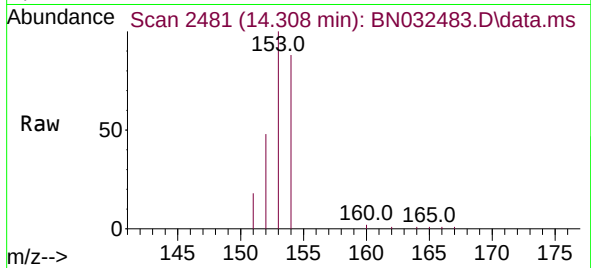
Tgt Ion:152 Resp: 43040
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.9 10.9 16.3





#11
Acenaphthene
Concen: 0.513 ng/ul
RT: 14.308 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

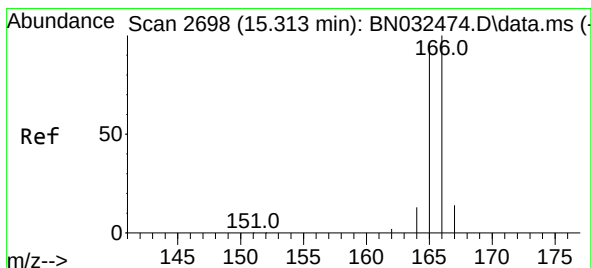
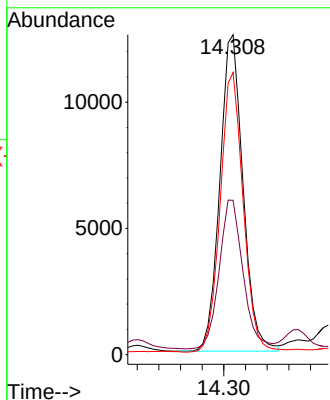
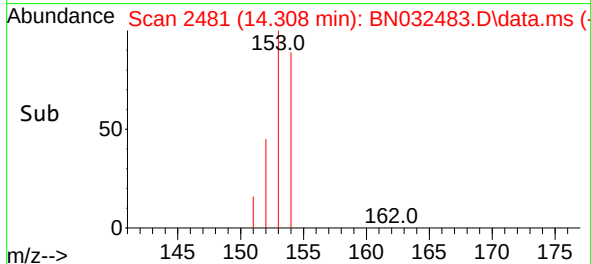
Instrument :
BNA_N
ClientSampleId :
A4CD3



Tgt Ion:153 Resp: 18592
Ion Ratio Lower Upper
153 100
152 48.2 39.5 59.3
154 88.2 71.7 107.5

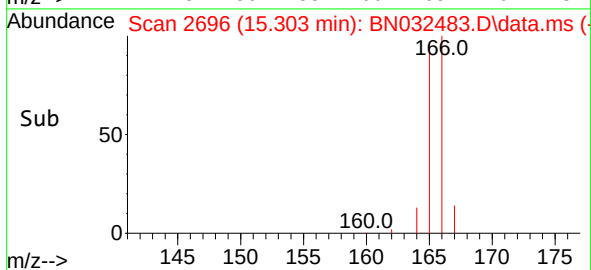
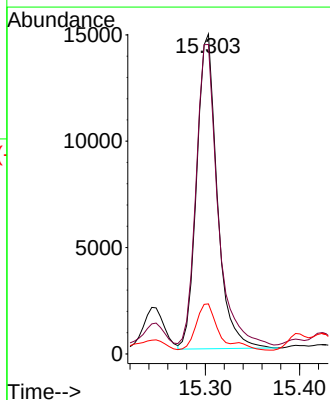
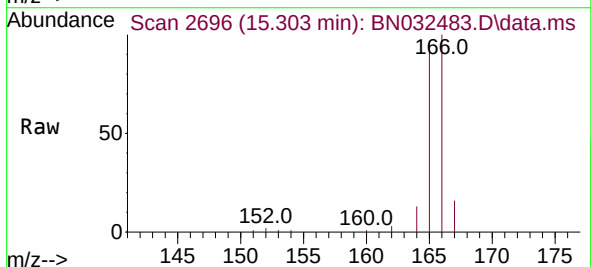
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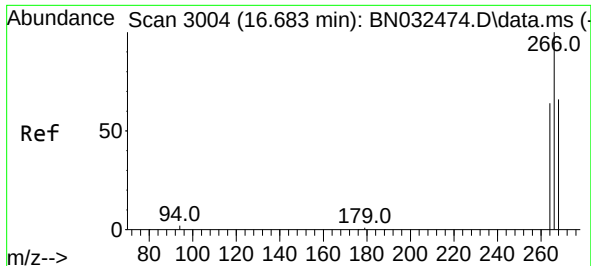
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.520 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

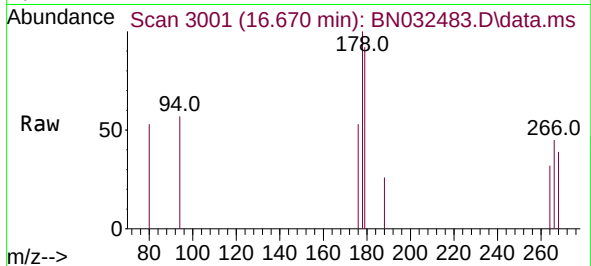
Tgt Ion:166 Resp: 22452
Ion Ratio Lower Upper
166 100
165 96.7 79.0 118.6
167 15.7 11.0 16.6





#14
Pentachlorophenol
Concen: 0.053 ng/ul m
RT: 16.670 min Scan# 3001
Delta R.T. -0.004 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

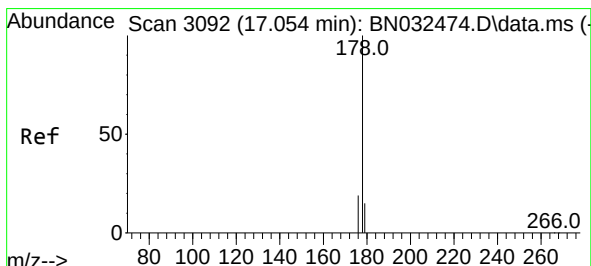
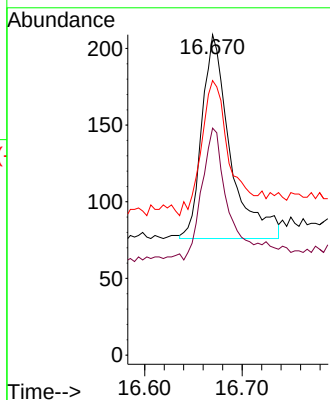
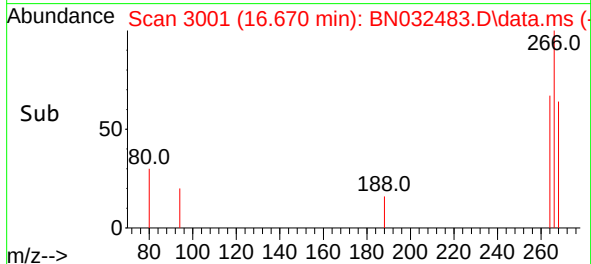
Instrument :
BNA_N
ClientSampleId :
A4CD3



Tgt Ion:266 Resp: 266
Ion Ratio Lower Upper
266 100
264 2.2 49.9 74.9
268 1.5 52.4 78.6

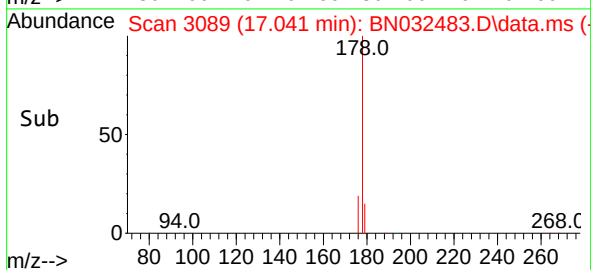
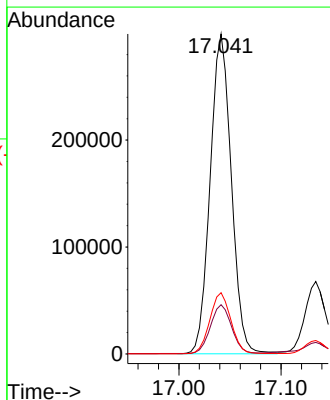
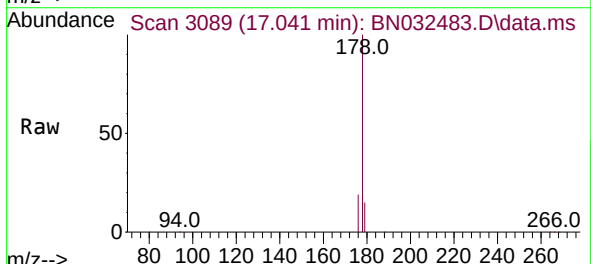
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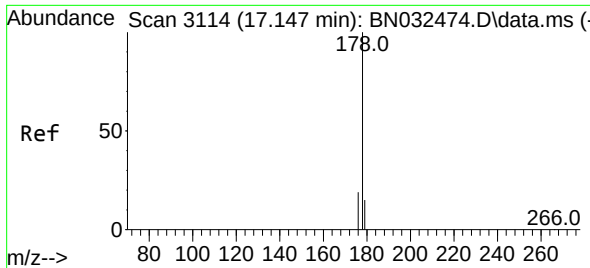
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#15
Phenanthrene
Concen: 7.017 ng/ul m
RT: 17.041 min Scan# 3089
Delta R.T. -0.009 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

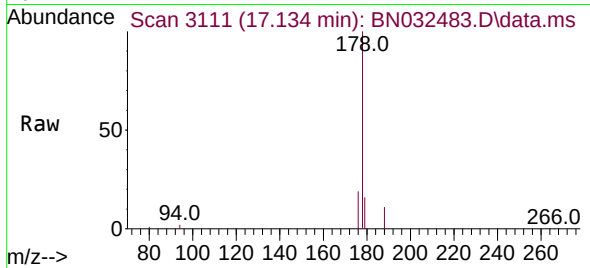
Tgt Ion:178 Resp: 432081
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.6 23.4





#16
 Anthracene
 Concen: 1.765 ng/ul m
 RT: 17.134 min Scan# 3111
 Delta R.T. -0.009 min
 Lab File: BN032483.D
 Acq: 04 Jul 2024 20:34

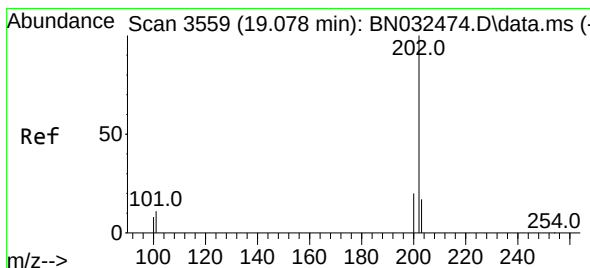
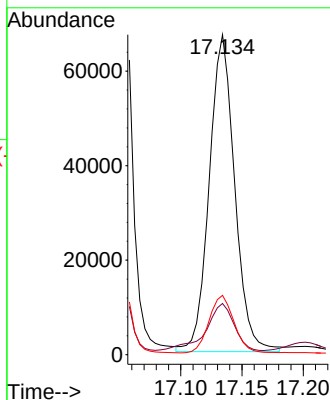
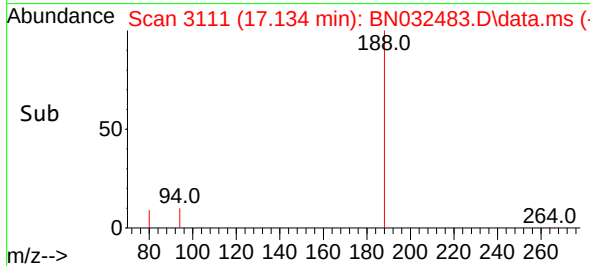
Instrument :
 BNA_N
 ClientSampleId :
 A4CD3



Tgt Ion:178 Resp: 96948
 Ion Ratio Lower Upper
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 179 16.0 12.5 18.7
 176 18.5 15.0 22.6

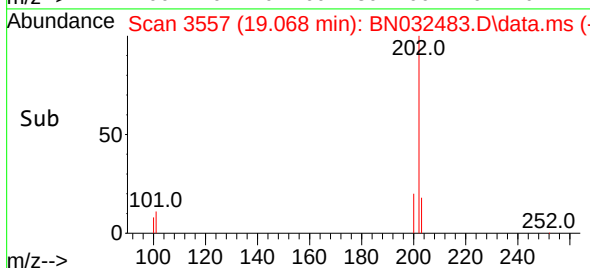
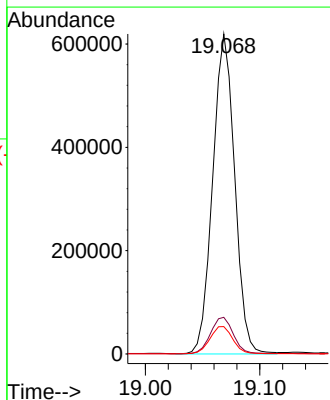
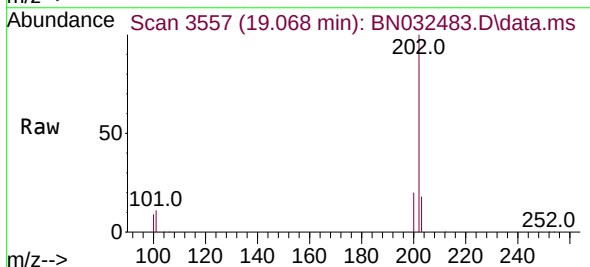
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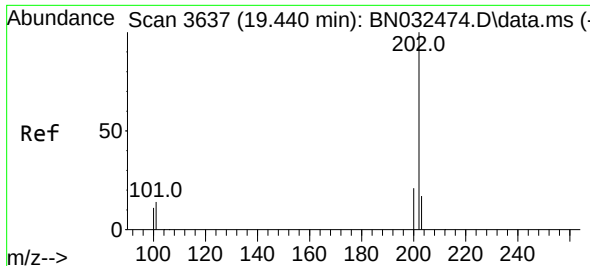
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#19
 Fluoranthene
 Concen: 11.815 ng/ul m
 RT: 19.068 min Scan# 3557
 Delta R.T. -0.005 min
 Lab File: BN032483.D
 Acq: 04 Jul 2024 20:34

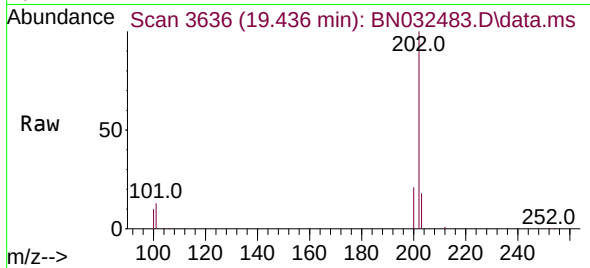
Tgt Ion:202 Resp: 828728
 Ion Ratio Lower Upper
 202 100
 101 11.4 8.8 13.2
 100 8.5 6.4 9.6





#20
Pyrene
Concen: 8.202 ng/ul m
RT: 19.436 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

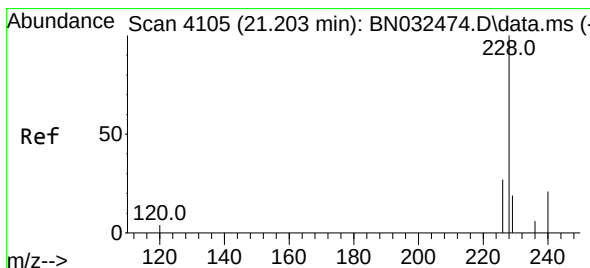
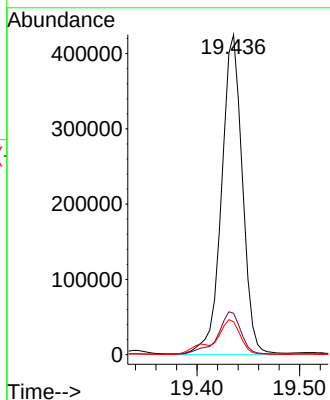
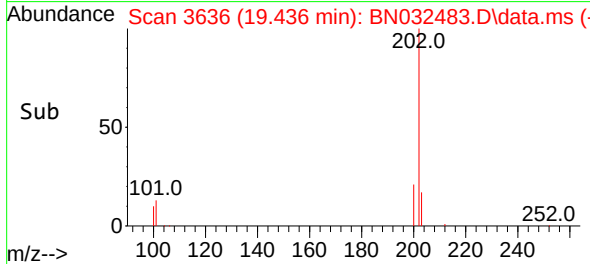
Instrument :
BNA_N
ClientSampleId :
A4CD3



Tgt Ion:202 Resp: 60120
Ion Ratio Lower Upper
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101 13.0 11.0 16.4
100 10.3 8.7 13.1

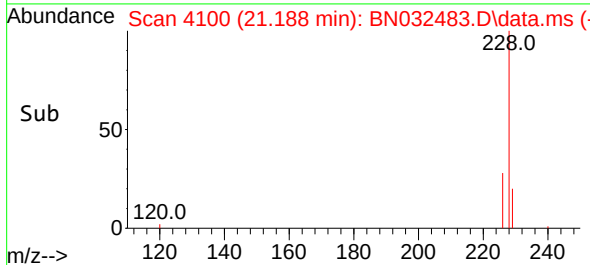
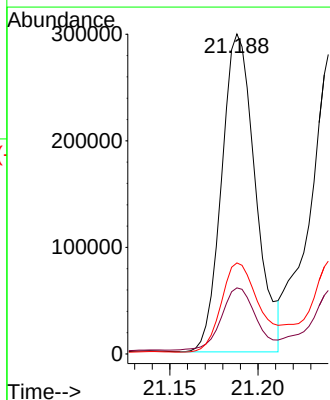
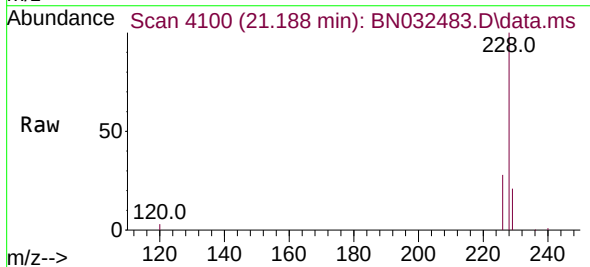
Manual Integrations
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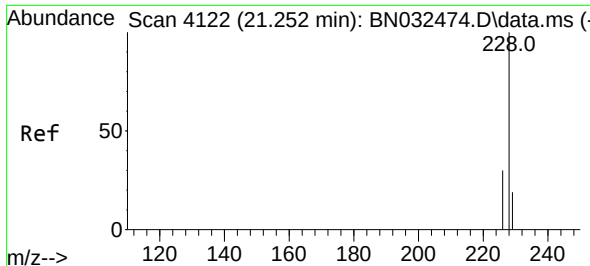
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#21
Benzo(a)anthracene
Concen: 5.977 ng/ul m
RT: 21.188 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

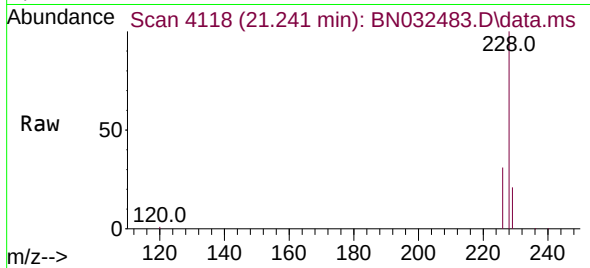
Tgt Ion:228 Resp: 397343
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 28.4 21.8 32.8





#22
Chrysene
Concen: 6.083 ng/ul m
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

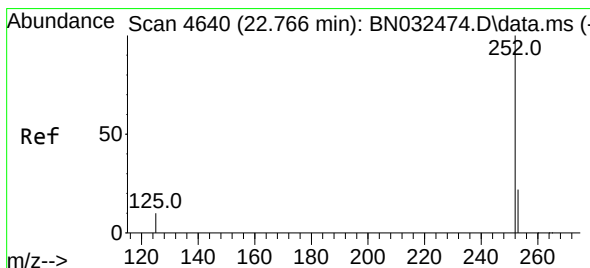
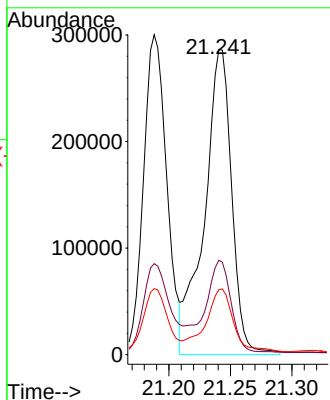
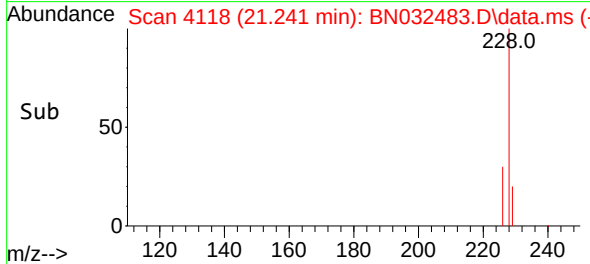
Instrument :
BNA_N
ClientSampleId :
A4CD3



Tgt Ion:228 Resp: 443905
Ion Ratio Lower Upper
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226 30.9 23.6 35.4
229 21.3 15.7 23.5

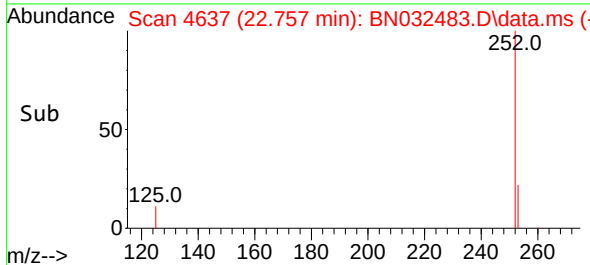
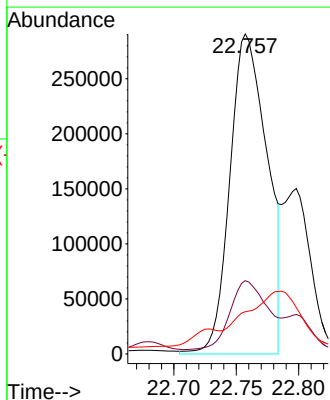
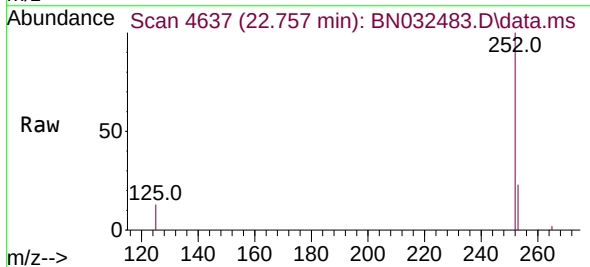
Manual Integrations
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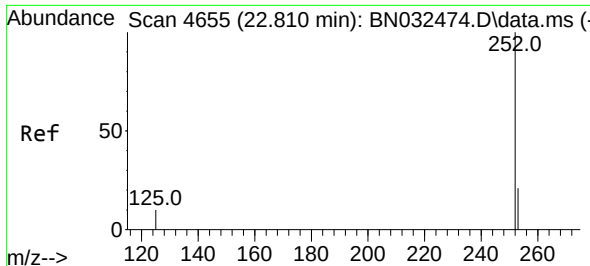
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#24
Benzo(b)fluoranthene
Concen: 5.901 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

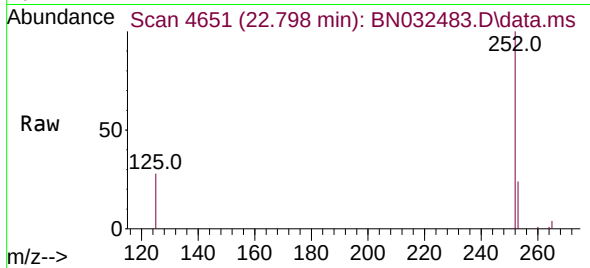
Tgt Ion:252 Resp: 601565
Ion Ratio Lower Upper
252 100
253 22.9 0.0 50.2
125 13.2 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 2.449 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.003 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

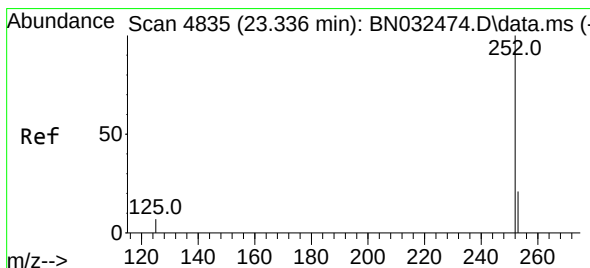
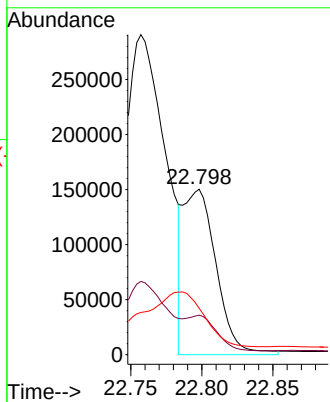
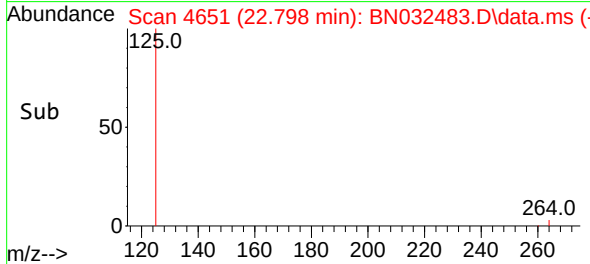
Instrument :
BNA_N
ClientSampleId :
A4CD3



Tgt Ion:252 Resp: 242574
Ion Ratio Lower Upper
252 100
253 24.0 20.3 30.5
125 28.1 12.8 19.2

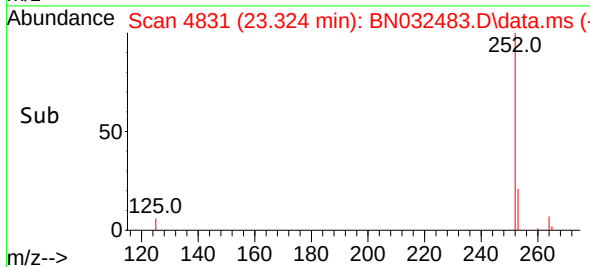
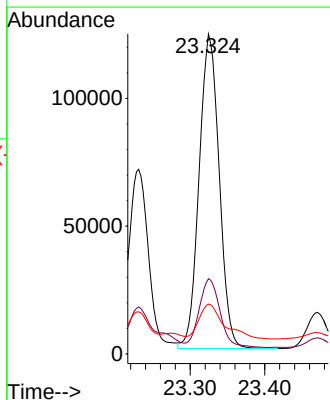
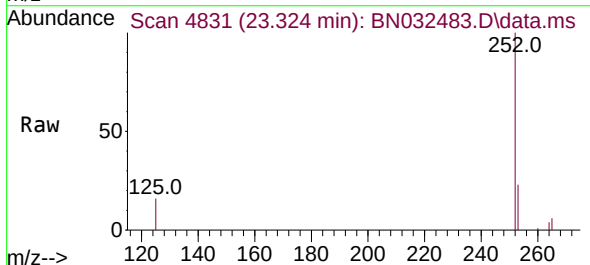
Manual Integrations
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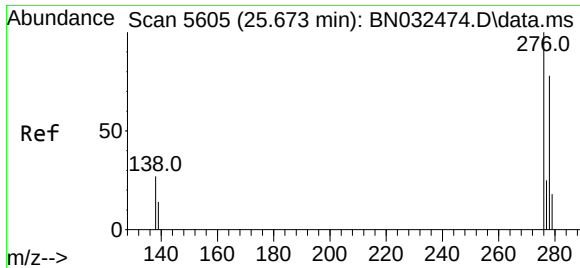
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#26
Benzo(a)pyrene
Concen: 3.245 ng/ul
RT: 23.324 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

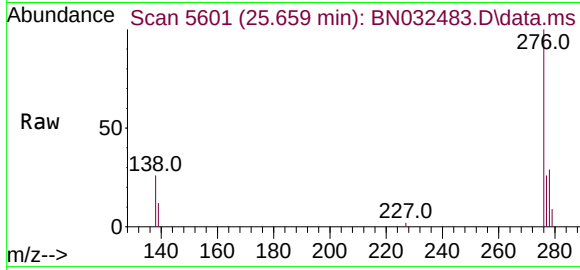
Tgt Ion:252 Resp: 230116
Ion Ratio Lower Upper
252 100
253 23.5 22.2 33.2
125 15.6 16.4 24.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.084 ng/ul
RT: 25.659 min Scan# 5601
Delta R.T. -0.000 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

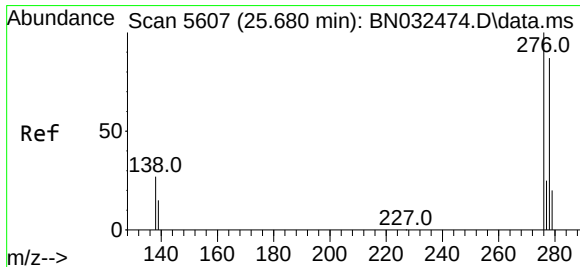
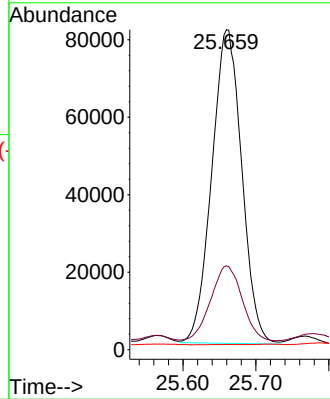
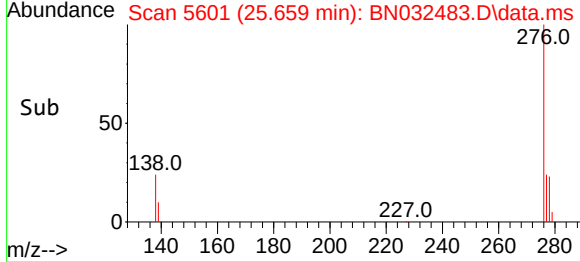
Instrument :
BNA_N
ClientSampleId :
A4CD3



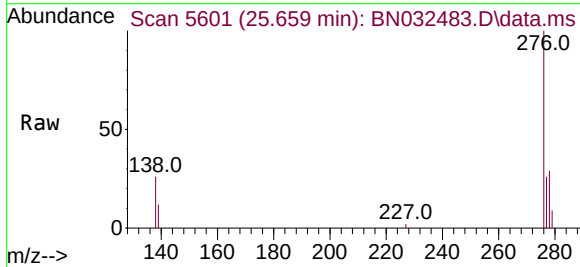
Tgt Ion:276 Resp: 231415
Ion Ratio Lower Upper
276 100
138 25.7 21.3 31.9
227 0.1 0.1 0.1

Manual Integrations
APPROVED

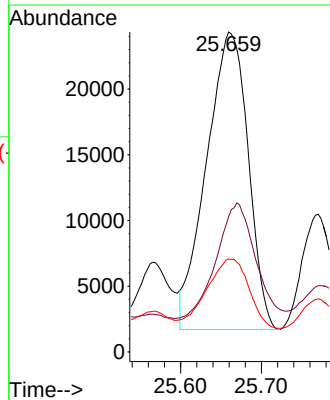
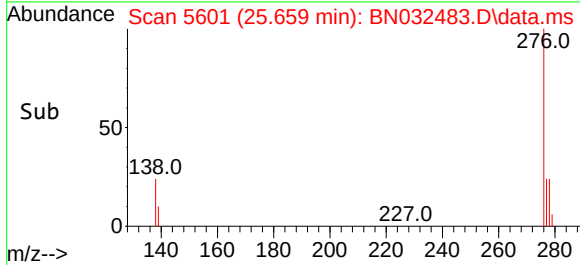
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

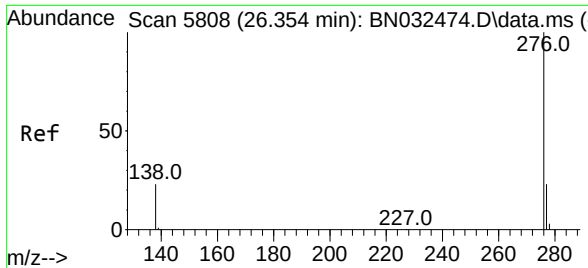


#28
Dibenzo(a,h)anthracene
Concen: 0.984 ng/ul
RT: 25.659 min Scan# 5601
Delta R.T. -0.007 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34



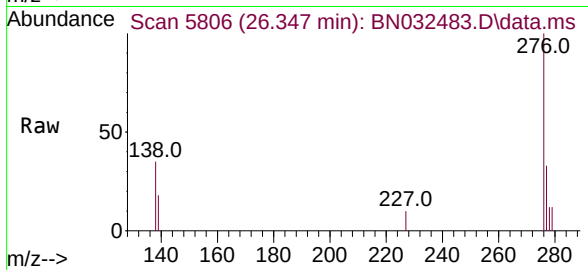
Tgt Ion:278 Resp: 81174
Ion Ratio Lower Upper
278 100
139 42.4 15.9 23.9#
279 29.1 21.1 31.7





#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 26.347 min Scan# 5806
Delta R.T. 0.003 min
Lab File: BN032483.D
Acq: 04 Jul 2024 20:34

Instrument :
BNA_N
ClientSampleId :
A4CD3



Tgt Ion:276 Resp: 35398
Ion Ratio Lower Upper
276 100
138 35.0 19.8 29.6
277 33.0 19.8 29.6

Manual Integrations
APPROVED

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

