

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032479.D
 Acq On : 04 Jul 2024 18:10
 Operator : MA/JU
 Sample : P2963-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS9

Manual Integrations APPROVED

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

Supervised By :mohammad
 ahmed
 07/05/2024

Quant Time: Jul 04 23:07:27 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	8295	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	24959	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	13971	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	24951m	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	18229m	0.400	ng/ul	0.00
23) Perylene-d12	23.427	264	23354m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	35952	3.899	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	9824	0.262	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	16400m	0.299	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.420	128	42122	0.638	ng/ul	100
7) 2-Methylnaphthalene	12.043	142	15978	0.365	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	9805	0.216	ng/ul	99
10) Acenaphthylene	13.966	152	65929	1.135	ng/ul	99
11) Acenaphthene	14.309	153	14932	0.331	ng/ul	99
12) Fluorene	15.299	166	19642	0.366	ng/ul#	98
14) Pentachlorophenol	16.670	266	329m	0.058	ng/ul	
15) Phenanthrene	17.041	178	413683m	6.047	ng/ul	
16) Anthracene	17.134	178	105089m	1.722	ng/ul	
19) Fluoranthene	19.069	202	711211m	10.246	ng/ul	
20) Pyrene	19.436	202	552819m	7.621	ng/ul	
21) Benzo(a)anthracene	21.191	228	370827m	5.636	ng/ul	
22) Chrysene	21.244	228	437082m	6.053	ng/ul	
24) Benzo(b)fluoranthene	22.763	252	586271m	5.778	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	199219m	2.021	ng/ul	
26) Benzo(a)pyrene	23.330	252	220620m	3.125	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.663	276	243334m	2.201	ng/ul	
28) Dibenzo(a,h)anthracene	25.666	278	92545m	1.127	ng/ul	
29) Benzo(g,h,i)perylene	26.351	276	36197m	0.411	ng/ul	

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

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Data File : BN032479.D
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ALS Vial : 52 Sample Multiplier: 1

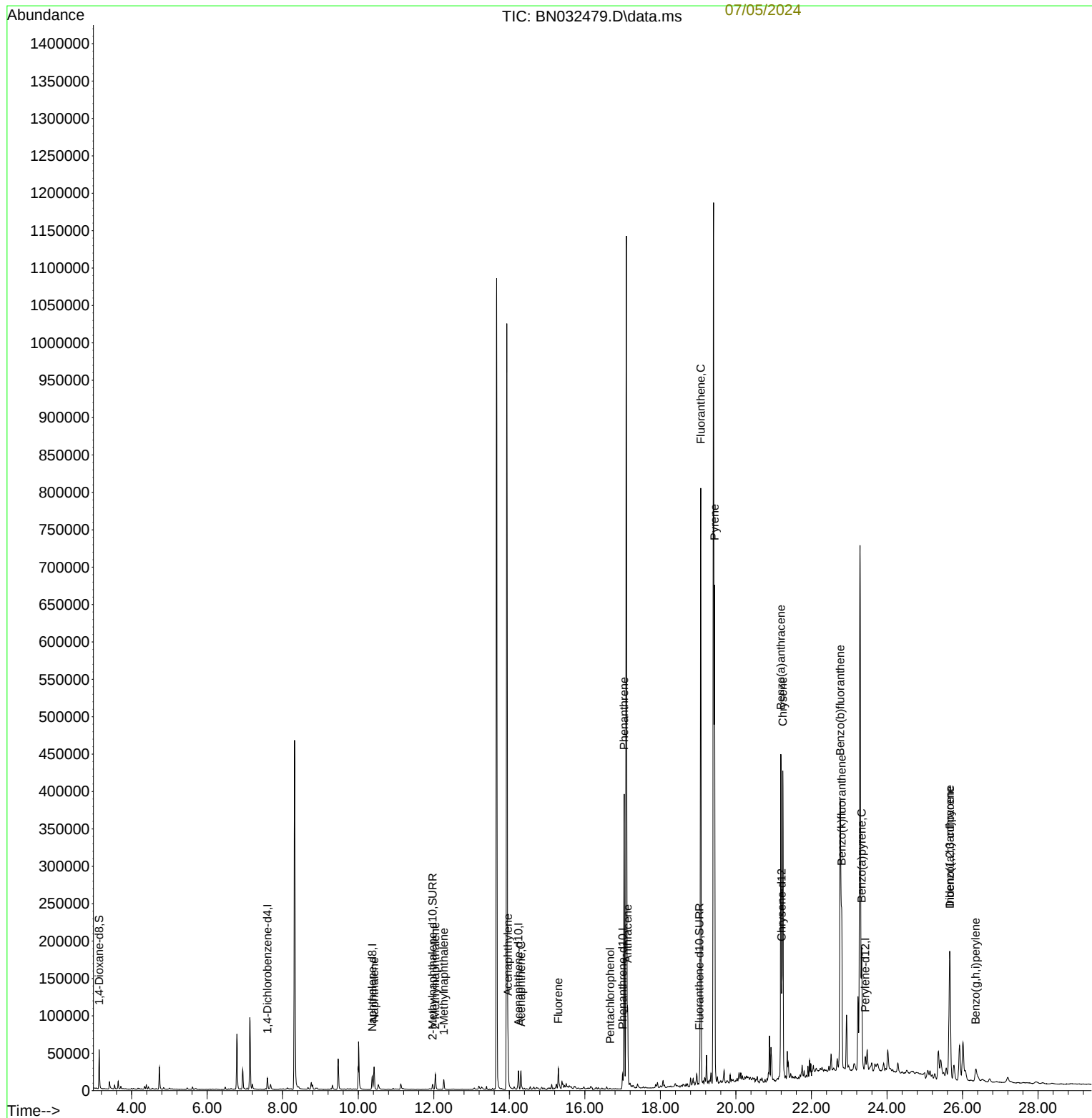
Instrument :
BNA_N
ClientSampleId :
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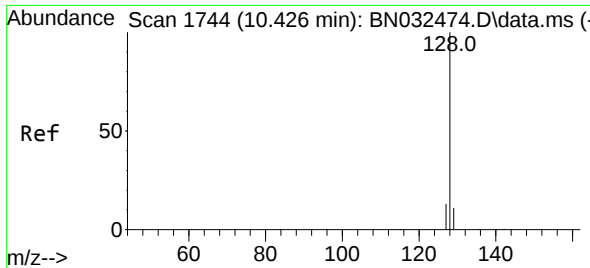
Quant Time: Jul 04 23:07:27 2024
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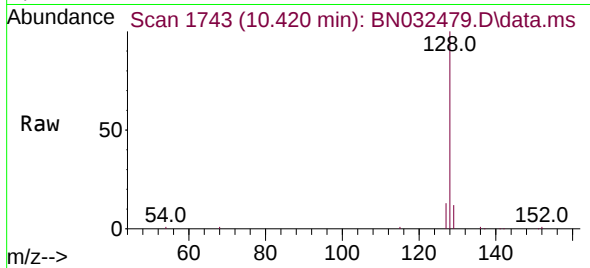
Supervised By :mohammad
ahmed
07/05/2024





#5
Naphthalene
Concen: 0.638 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

Instrument :
BNA_N
ClientSampleId :
A4CS9

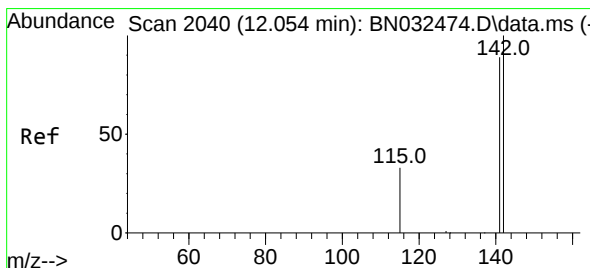
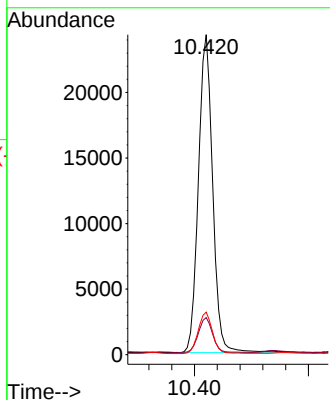
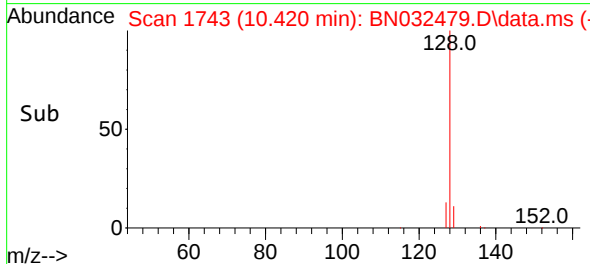


Tgt Ion:128 Resp: 4212
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.3 10.8 16.2

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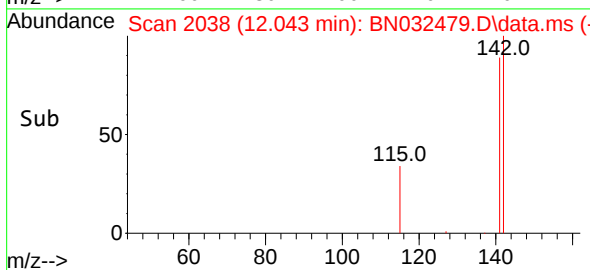
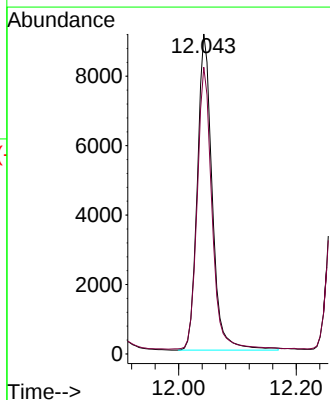
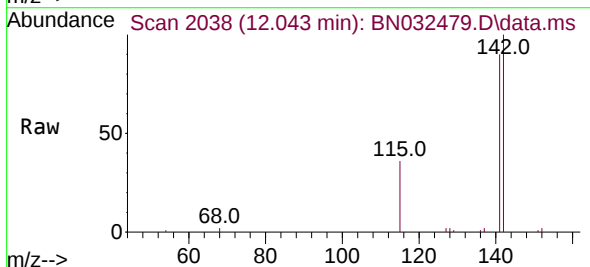
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

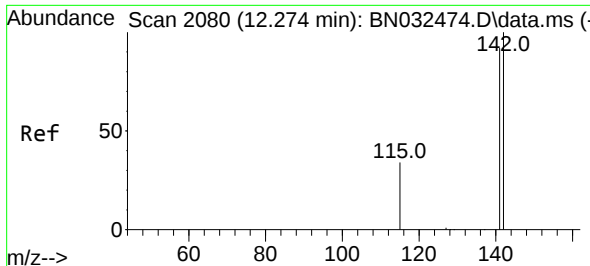
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#7
2-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

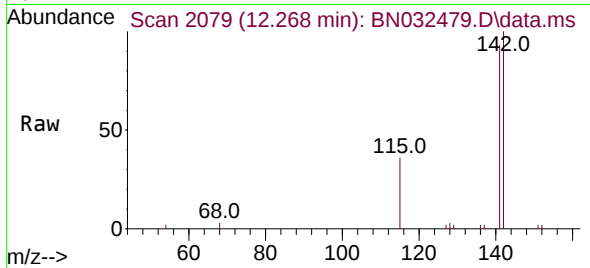
Tgt Ion:142 Resp: 15978
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.216 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

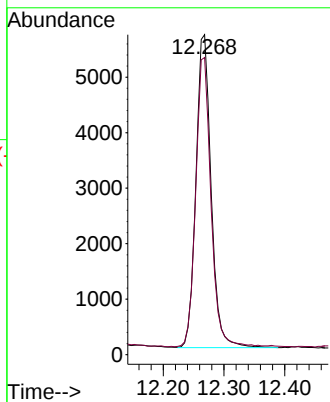
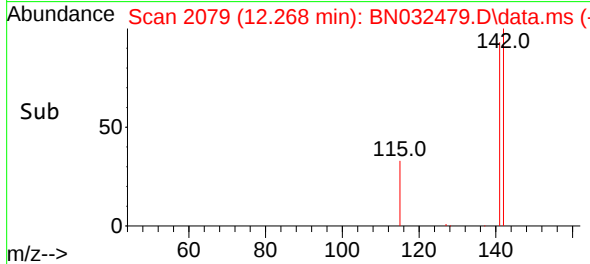
Instrument :
BNA_N
ClientSampleId :
A4CS9



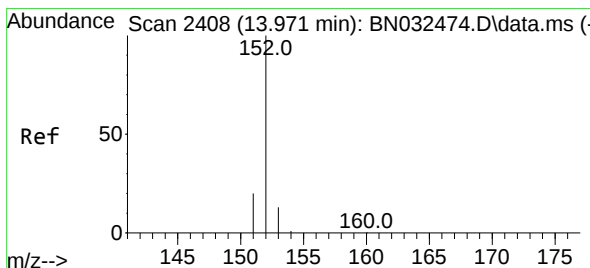
Tgt Ion:142 Resp: 980
Ion Ratio Lower Upper
142 100
141 92.8 73.4 110.0

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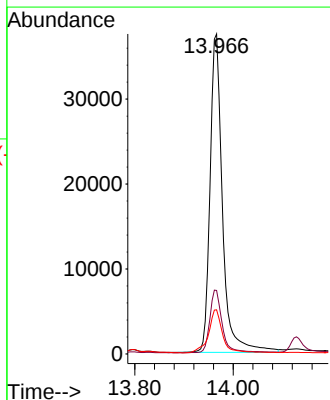
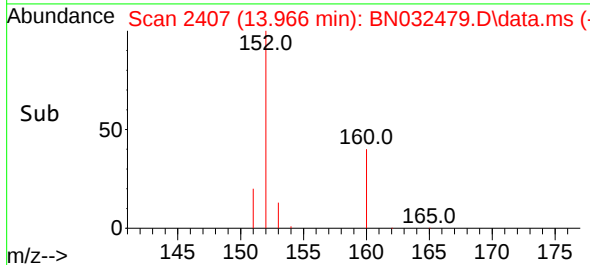
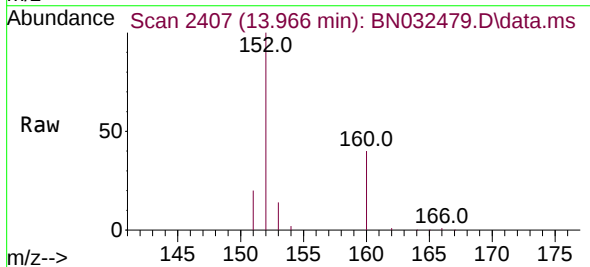


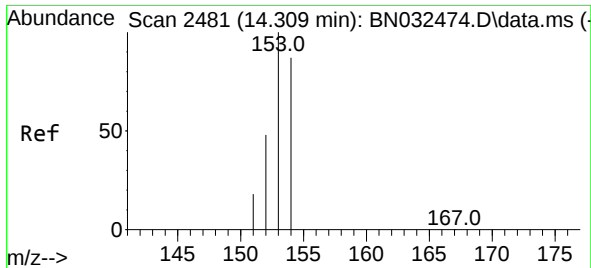
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#10
Acenaphthylene
Concen: 1.135 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

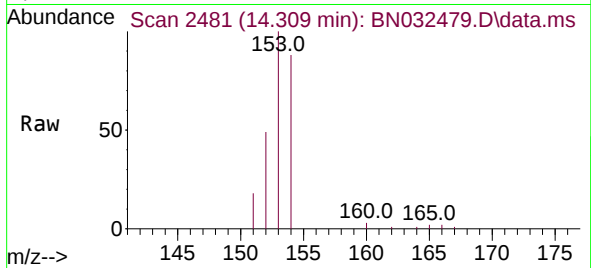
Tgt Ion:152 Resp: 65929
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.8 10.9 16.3





#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

Instrument :
BNA_N
ClientSampleId :
A4CS9

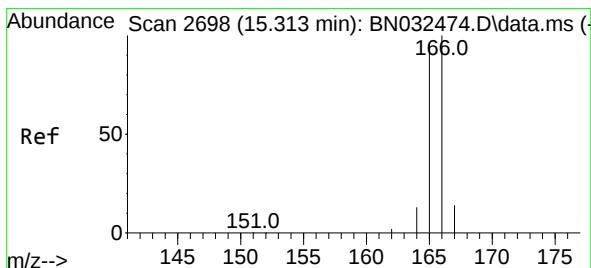
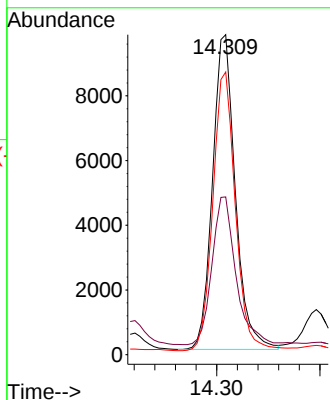
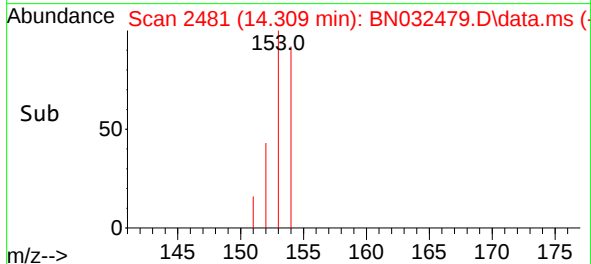


Tgt Ion:153 Resp: 14932
Ion Ratio Lower Upper
153 100
152 49.3 39.5 59.3
154 88.4 71.7 107.5

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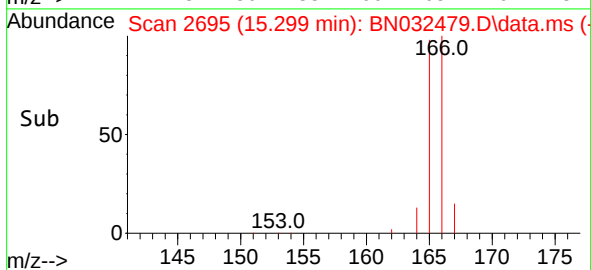
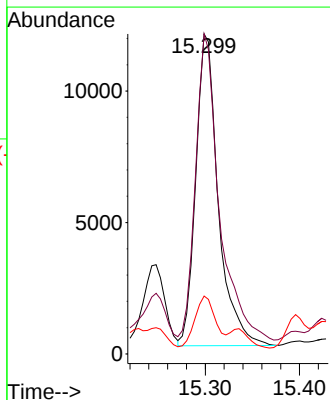
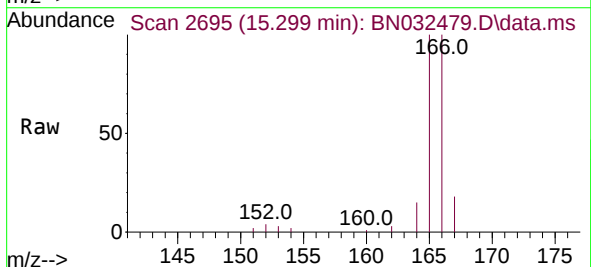
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

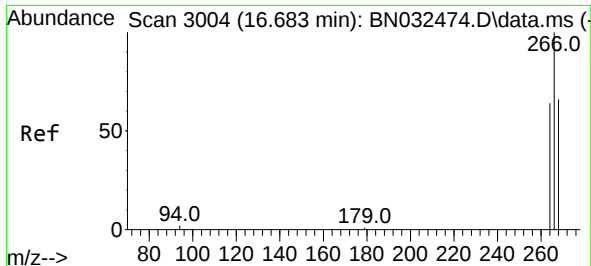
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#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

Tgt Ion:166 Resp: 19642
Ion Ratio Lower Upper
166 100
165 100.0 79.0 118.6
167 18.1 11.0 16.6#





#14
Pentachlorophenol
Concen: 0.058 ng/ul m
RT: 16.670 min Scan# 3001
Delta R.T. -0.004 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

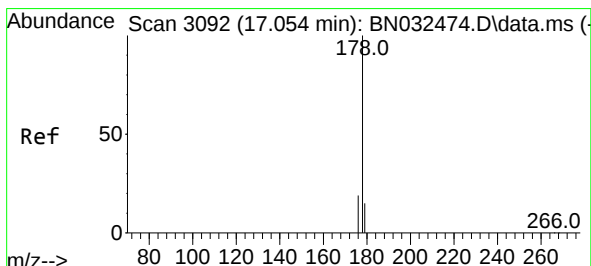
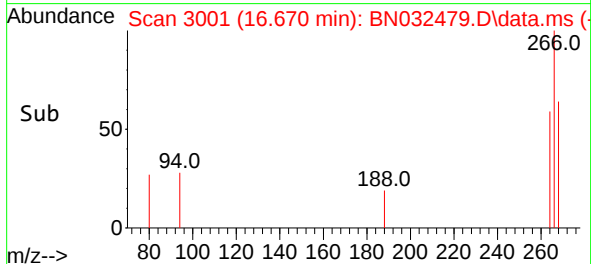
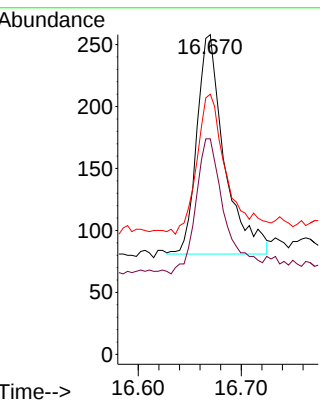
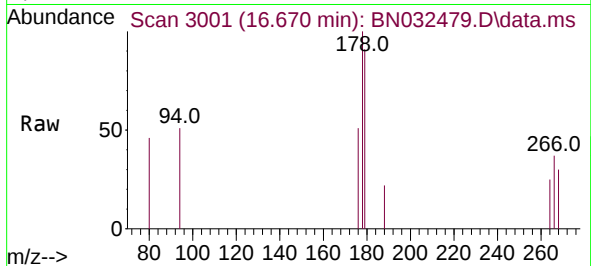
Instrument :
BNA_N
ClientSampleId :
A4CS9

Tgt Ion:266 Resp: 329
Ion Ratio Lower Upper
266 100
264 0.0 49.9 74.9
268 1.5 52.4 78.6

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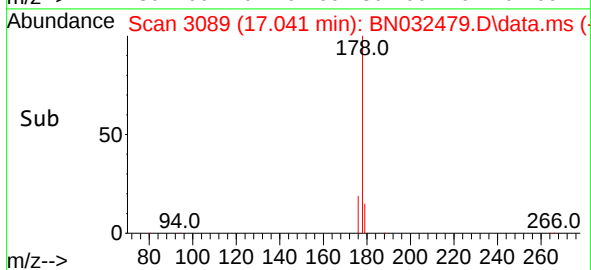
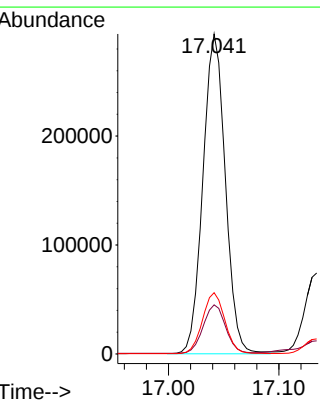
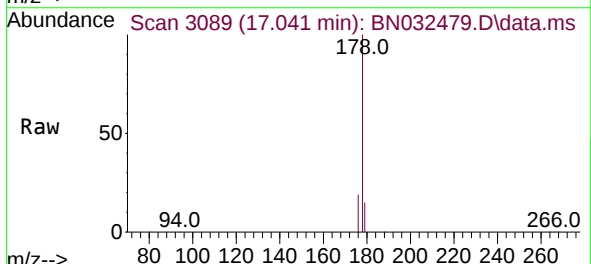
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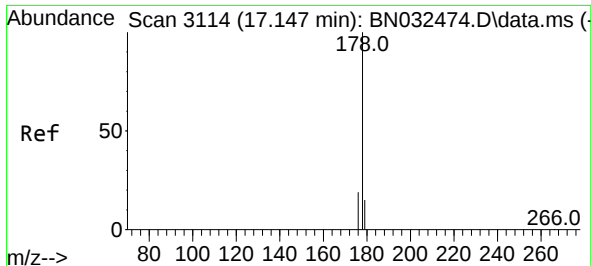
Supervised By :mohammad
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07/05/2024



#15
Phenanthrene
Concen: 6.047 ng/ul m
RT: 17.041 min Scan# 3089
Delta R.T. -0.008 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

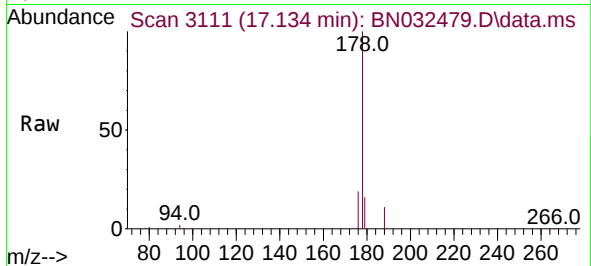
Tgt Ion:178 Resp: 413683
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.1 15.6 23.4





#16
 Anthracene
 Concen: 1.722 ng/ul m
 RT: 17.134 min Scan# 3111
 Delta R.T. -0.008 min
 Lab File: BN032479.D
 Acq: 04 Jul 2024 18:10

Instrument :
 BNA_N
 ClientSampleId :
 A4CS9

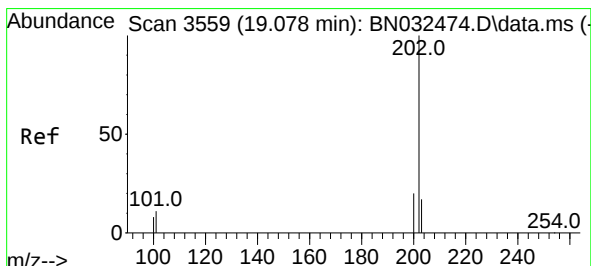
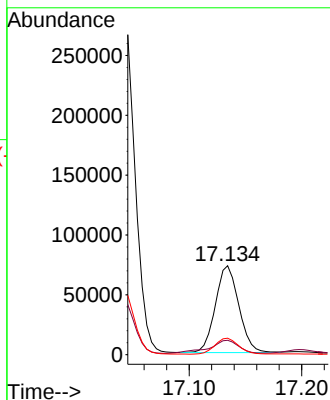
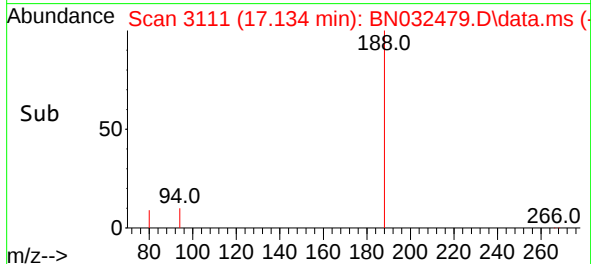


Tgt Ion:178 Resp: 105089
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.5 18.7
 176 18.6 15.0 22.6

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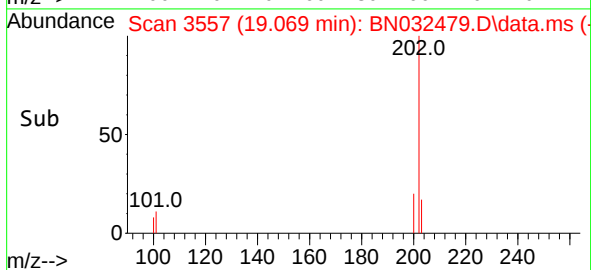
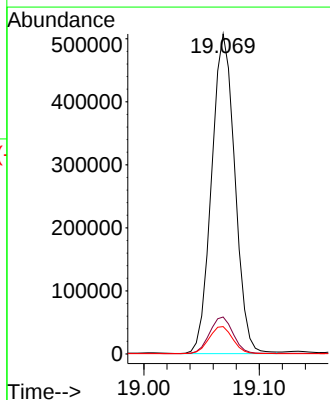
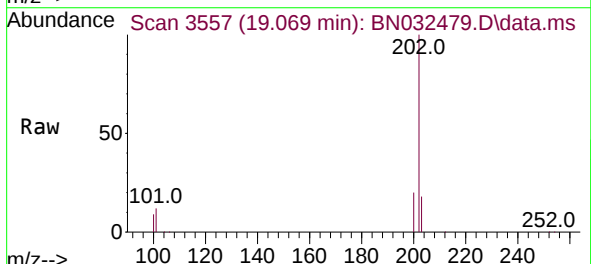
Reviewed By :Yogesh Patel 07/05/2024
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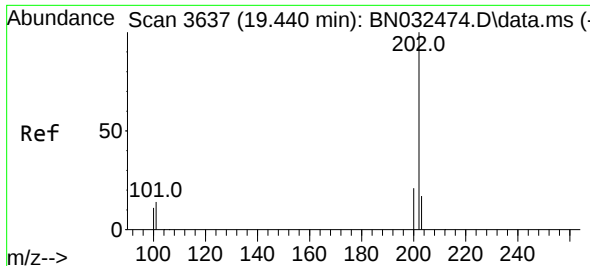
Supervised By :mohammad
 ahmed
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#19
 Fluoranthene
 Concen: 10.246 ng/ul m
 RT: 19.069 min Scan# 3557
 Delta R.T. -0.005 min
 Lab File: BN032479.D
 Acq: 04 Jul 2024 18:10

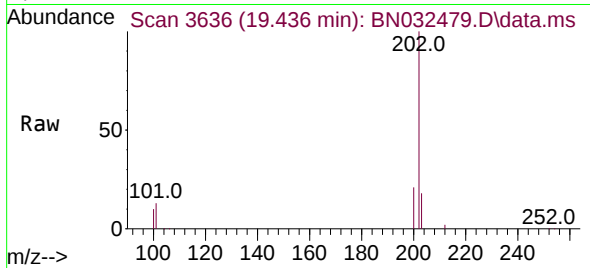
Tgt Ion:202 Resp: 711211
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.8 13.2
 100 8.6 6.4 9.6





#20
Pyrene
Concen: 7.621 ng/ul m
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

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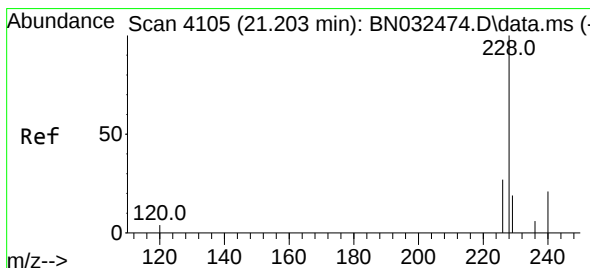
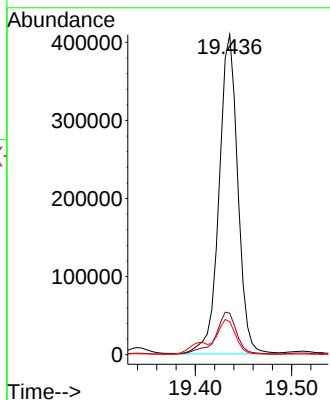
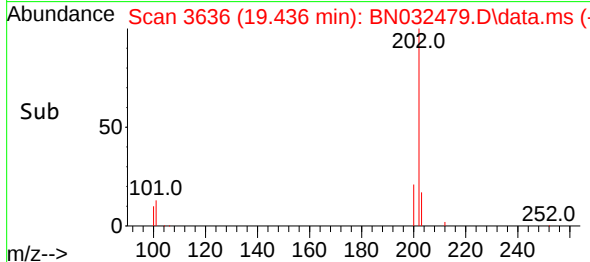


Tgt Ion:202 Resp: 552819
Ion Ratio Lower Upper
202 100
101 13.0 11.0 16.4
100 10.3 8.7 13.1

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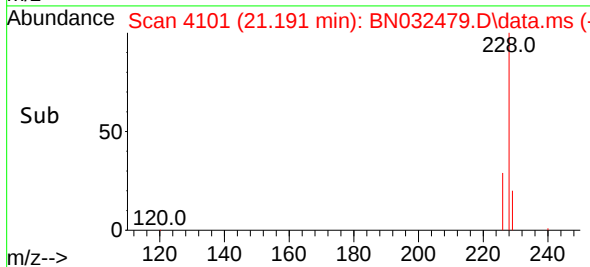
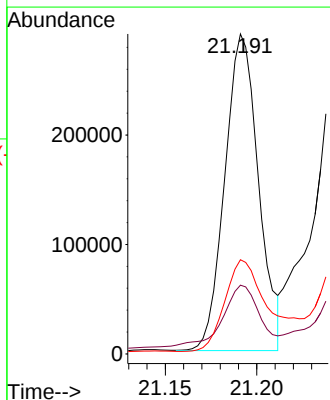
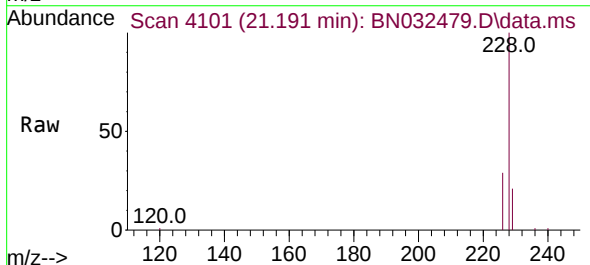
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Supervised By :mohammad ahmed 07/05/2024

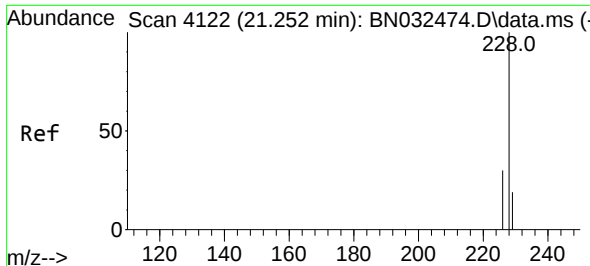
Supervised By :mohammad
ahmed
07/05/2024



#21
Benzo(a)anthracene
Concen: 5.636 ng/ul m
RT: 21.191 min Scan# 4101
Delta R.T. 0.000 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

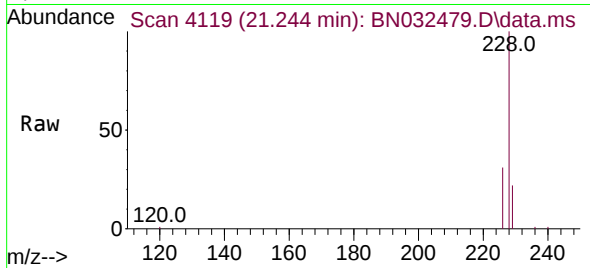
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Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 29.5 21.8 32.8





#22
Chrysene
Concen: 6.053 ng/ul m
RT: 21.244 min Scan# 4119
Delta R.T. 0.000 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

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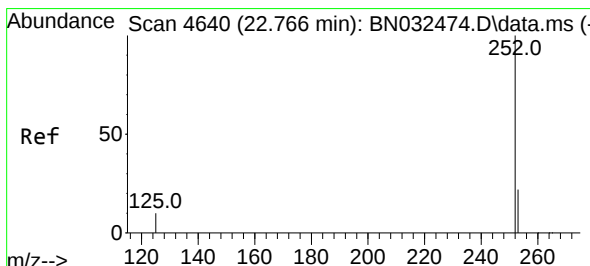
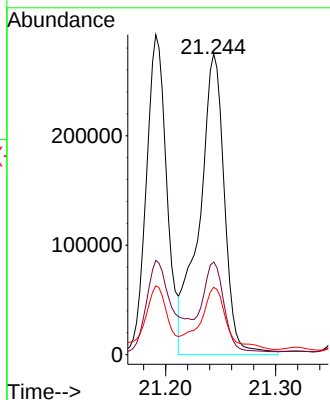
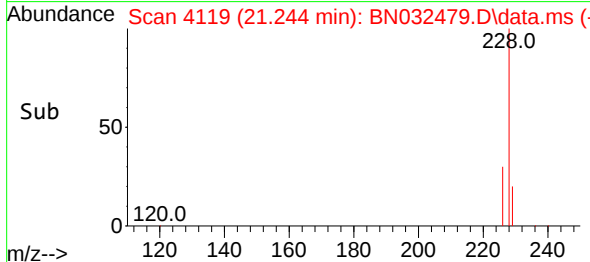


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Ion Ratio Lower Upper
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226 30.8 23.6 35.4
229 22.4 15.7 23.5

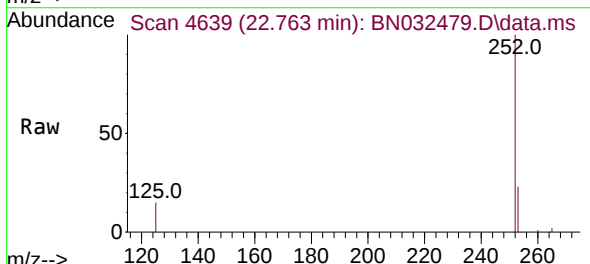
Manual Integrations
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

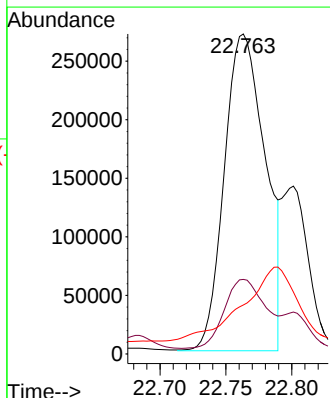
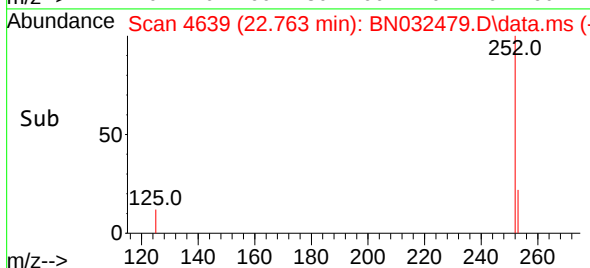
Supervised By :mohammad
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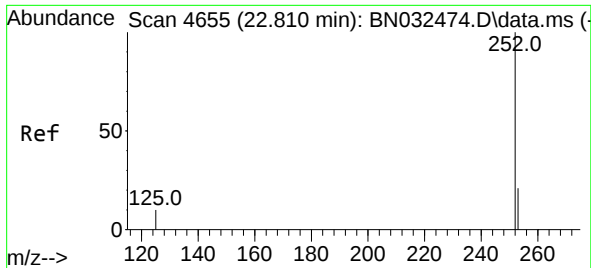


#24
Benzo(b)fluoranthene
Concen: 5.778 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. 0.006 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10



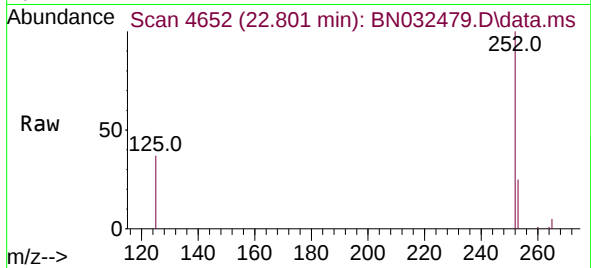
Tgt Ion:252 Resp: 586271
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.2
125 15.3 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 2.021 ng/ul m
RT: 22.801 min Scan# 4655
Delta R.T. 0.000 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

Instrument :
BNA_N
ClientSampleId :
A4CS9

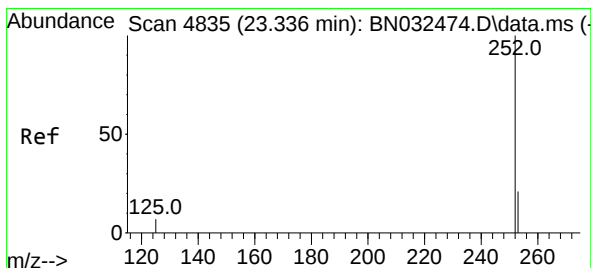
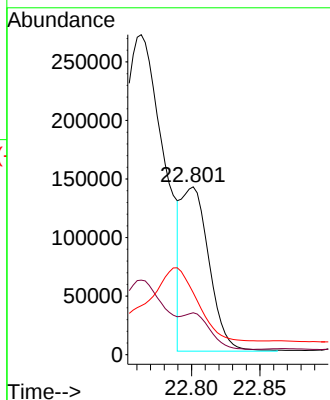
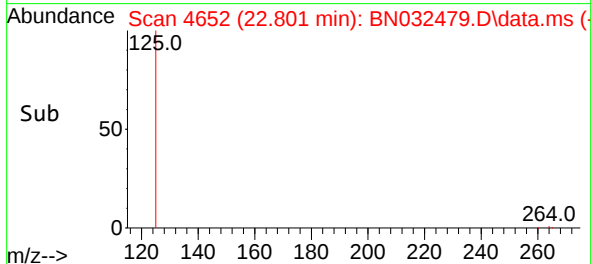


Tgt Ion:252 Resp: 199219
Ion Ratio Lower Upper
252 100
253 24.9 20.3 30.5
125 36.9 12.8 19.2

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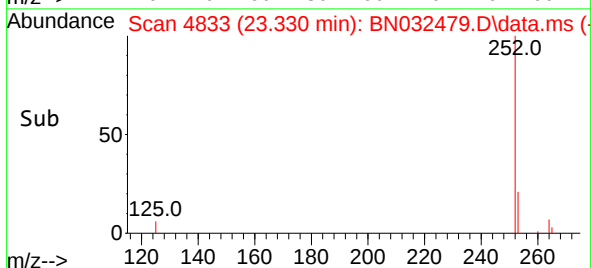
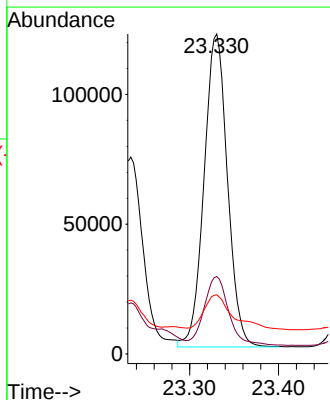
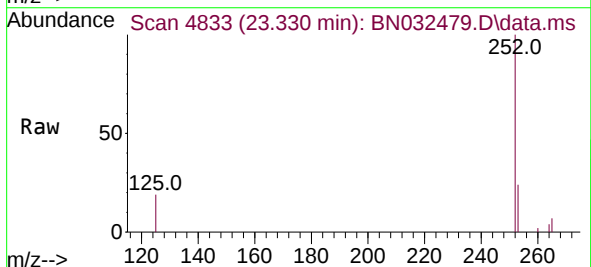
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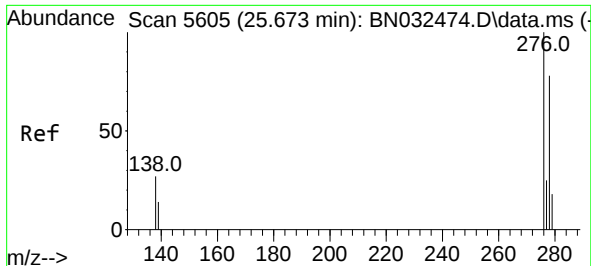
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#26
Benzo(a)pyrene
Concen: 3.125 ng/ul m
RT: 23.330 min Scan# 4833
Delta R.T. 0.003 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

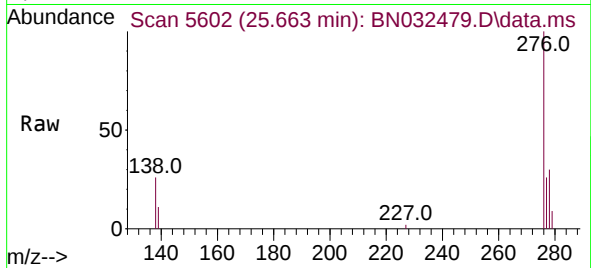
Tgt Ion:252 Resp: 220620
Ion Ratio Lower Upper
252 100
253 24.2 22.2 33.2
125 18.5 16.4 24.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.201 ng/ul m
RT: 25.663 min Scan# 5602
Delta R.T. 0.003 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

Instrument :
BNA_N
ClientSampleId :
A4CS9

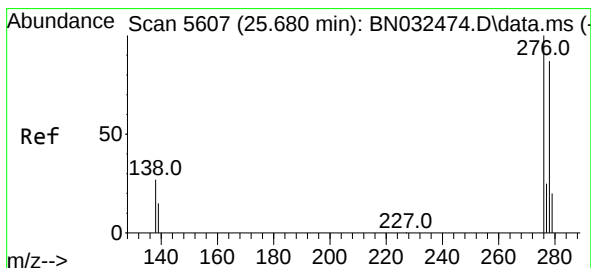
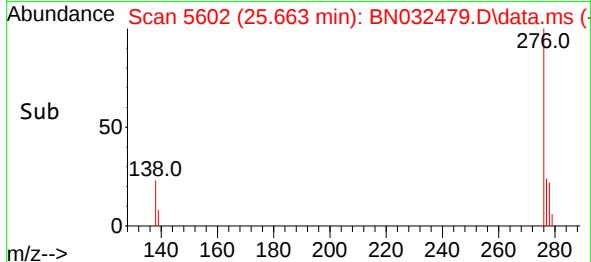
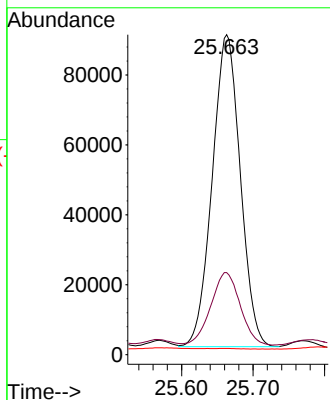


Tgt Ion:276 Resp: 243334
Ion Ratio Lower Upper
276 100
138 0.0 21.3 31.9#
227 0.0 0.1 0.1#

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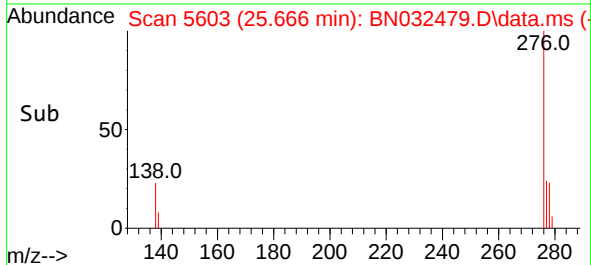
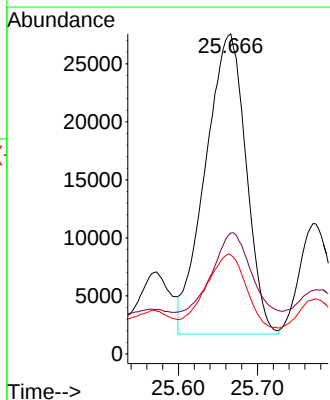
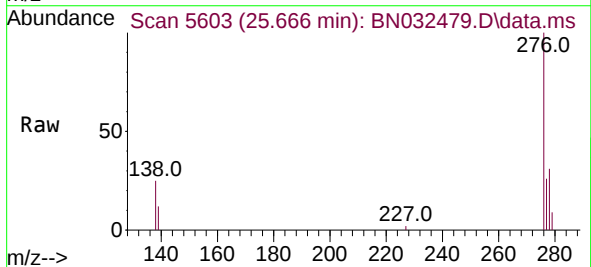
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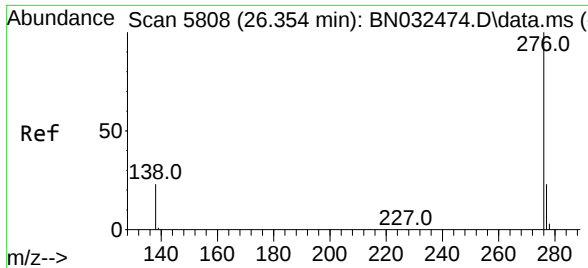
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07/05/2024



#28
Dibenzo(a,h)anthracene
Concen: 1.127 ng/ul m
RT: 25.666 min Scan# 5603
Delta R.T. 0.000 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

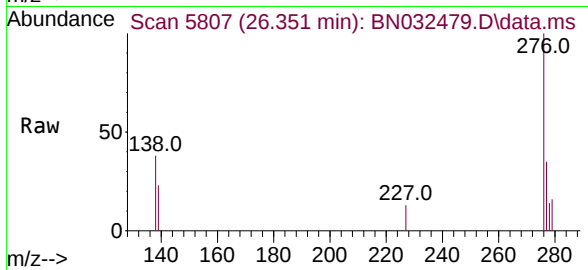
Tgt Ion:278 Resp: 92545
Ion Ratio Lower Upper
278 100
139 37.8 15.9 23.9#
279 31.0 21.1 31.7





#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul m
RT: 26.351 min Scan# 5807
Delta R.T. 0.007 min
Lab File: BN032479.D
Acq: 04 Jul 2024 18:10

Instrument :
BNA_N
ClientSampleId :
A4CS9



Tgt Ion:276 Resp: 3619
Ion Ratio Lower Upper
276 100
138 37.7 19.8 29.6
277 34.8 19.8 29.6

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