

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032539.D
 Acq On : 06 Jul 2024 10:36
 Operator : MA/JU
 Sample : P3065-01DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:44:31 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	7.590	152	6516	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.365	136	18681	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.234	164	10325	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.990	188	20331m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.203	240	18181m	0.400	ng/ul	0.00
23) Perylene-d12	23.415	264	22666m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	7098	0.980	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	1794	0.064	ng/ul	-0.01
18) Fluoranthene-d10	19.031	212	4110m	0.075	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.415	128	9477	0.192	ng/ul	97
7) 2-Methylnaphthalene	12.042	142	3124	0.095	ng/ul	99
8) 1-Methylnaphthalene	12.262	142	2458	0.072	ng/ul	98
10) Acenaphthylene	13.957	152	24541	0.571	ng/ul	99
11) Acenaphthene	14.299	153	9799	0.294	ng/ul	99
12) Fluorene	15.294	166	11434	0.288	ng/ul	99
15) Phenanthrene	17.033	178	257515m	4.620	ng/ul	
16) Anthracene	17.126	178	53075m	1.068	ng/ul	
19) Fluoranthene	19.059	202	615237m	8.887	ng/ul	
20) Pyrene	19.426	202	442076m	6.110	ng/ul	
21) Benzo(a)anthracene	21.185	228	292562m	4.458	ng/ul	
22) Chrysene	21.238	228	341825m	4.746	ng/ul	
24) Benzo(b)fluoranthene	22.751	252	488401m	4.960	ng/ul	
25) Benzo(k)fluoranthene	22.792	252	183489m	1.918	ng/ul	
26) Benzo(a)pyrene	23.318	252	174786m	2.551	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.643	276	176102m	1.642	ng/ul	
28) Dibenzo(a,h)anthracene	25.643	278	62004m	0.778	ng/ul	
29) Benzo(g,h,i)perylene	26.334	276	25636m	0.300	ng/ul	

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

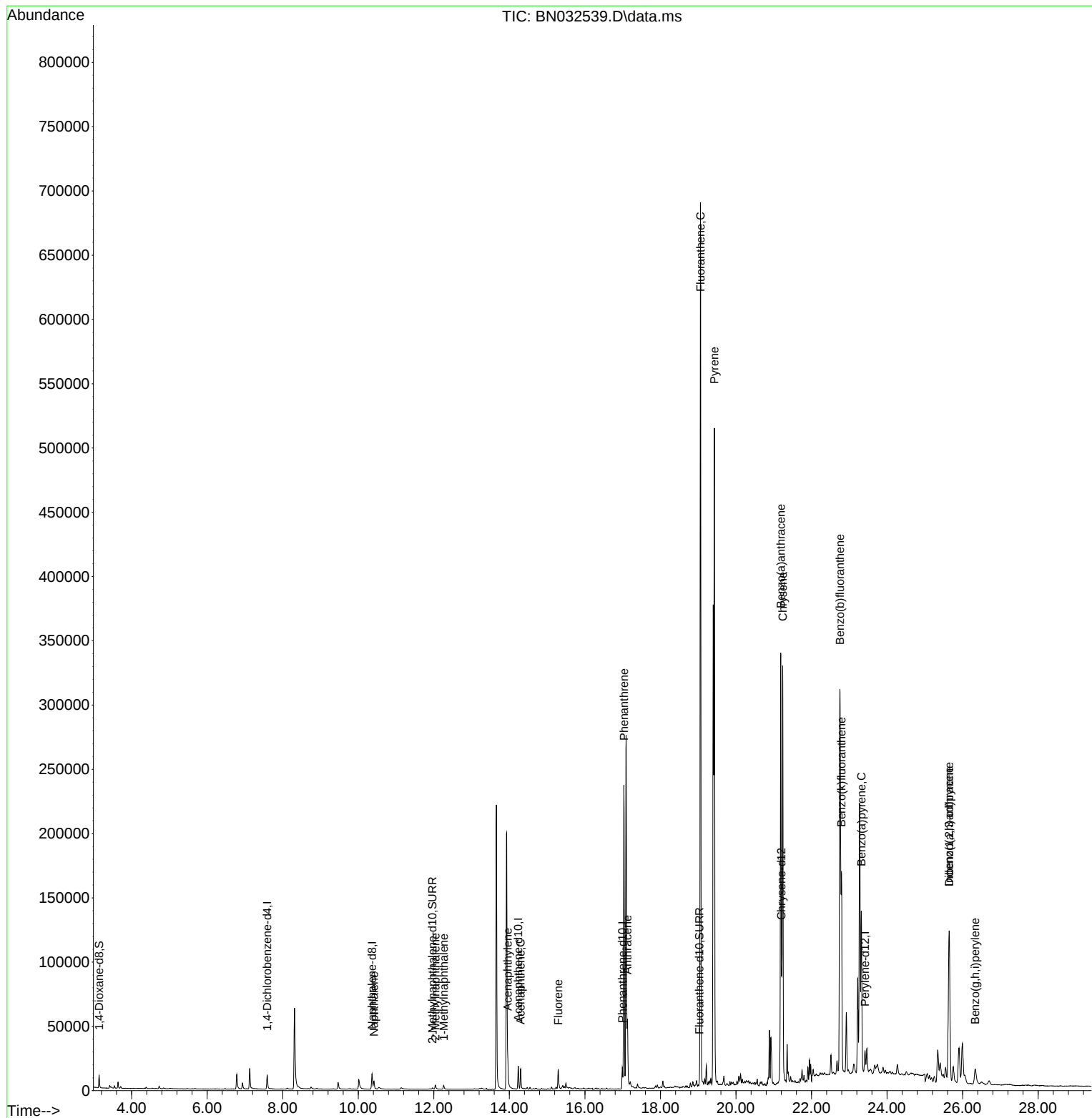
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032539.D
Acq On : 06 Jul 2024 10:36
Operator : MA/JU
Sample : P3065-01DL 5X
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ALS Vial : 40 Sample Multiplier: 1

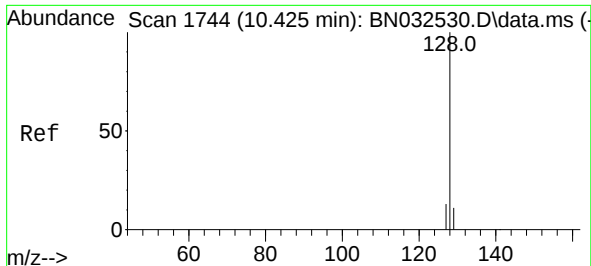
Instrument :
BNA_N
ClientSampleId :
A4CX6DL

Manual Integrations
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Supervised By :mohammad ahmed 07/08/2024

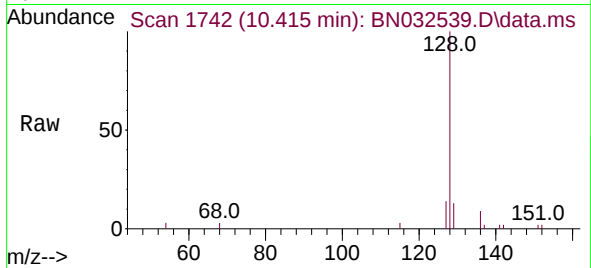
Quant Time: Jul 07 23:44:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.192 ng/ul
RT: 10.415 min Scan# 1742
Delta R.T. -0.017 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

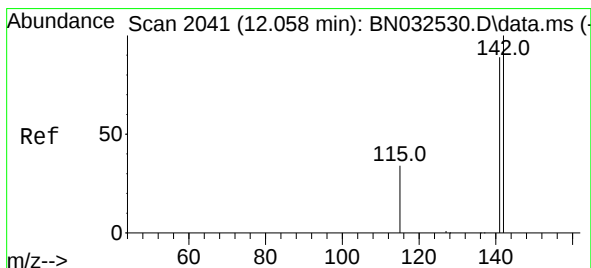
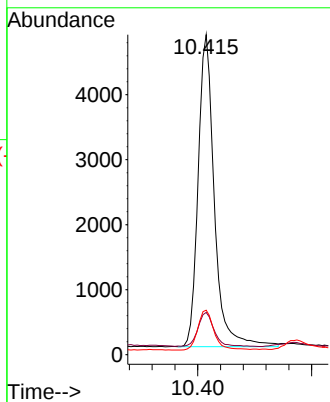
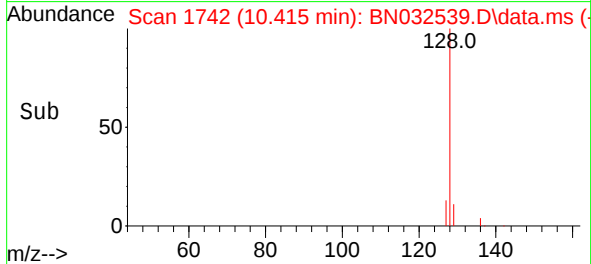
Instrument :
BNA_N
ClientSampleId :
A4CX6DL



Tgt Ion:128 Resp: 947
Ion Ratio Lower Upper
128 100
129 13.2 9.2 13.8
127 13.9 10.8 16.2

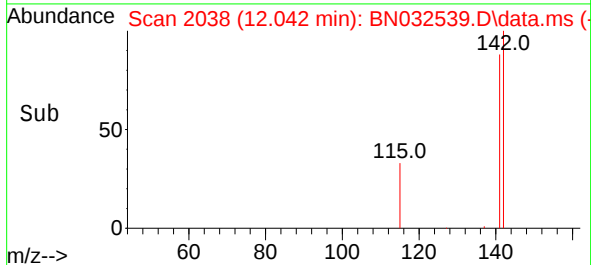
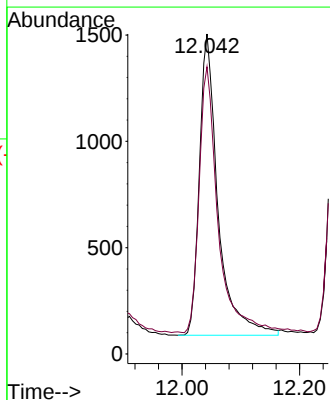
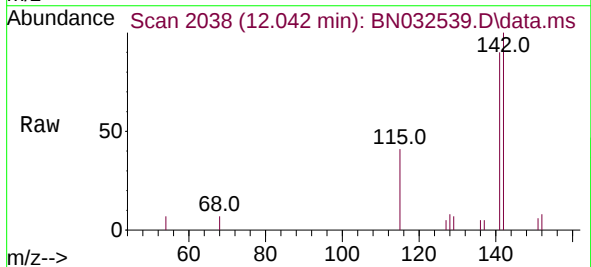
Manual Integrations
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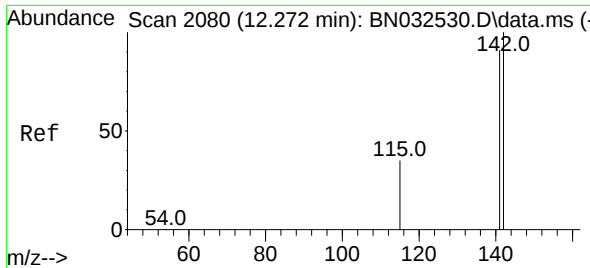
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.042 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

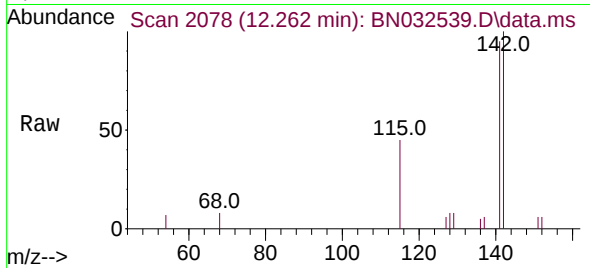
Tgt Ion:142 Resp: 3124
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.262 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

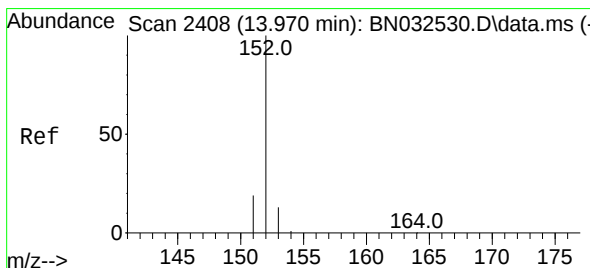
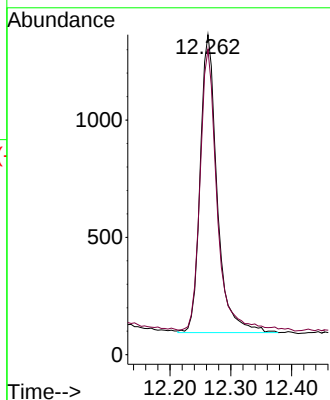
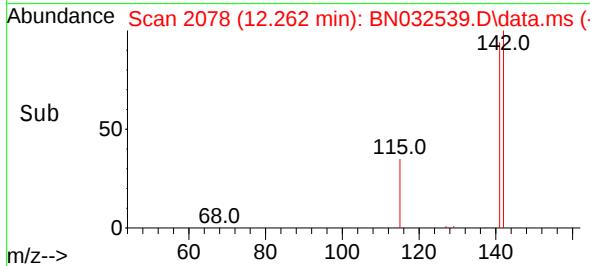
Instrument :
BNA_N
ClientSampleId :
A4CX6DL



Tgt Ion:142 Resp: 2458
Ion Ratio Lower Upper
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141 93.3 73.4 110.0

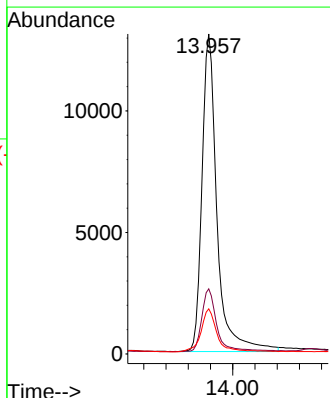
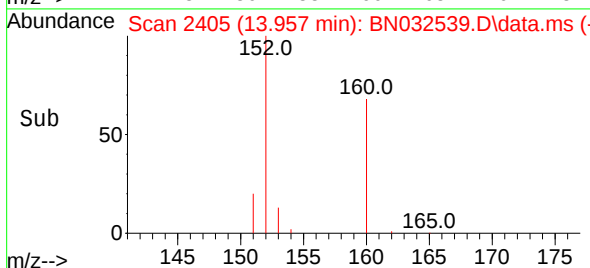
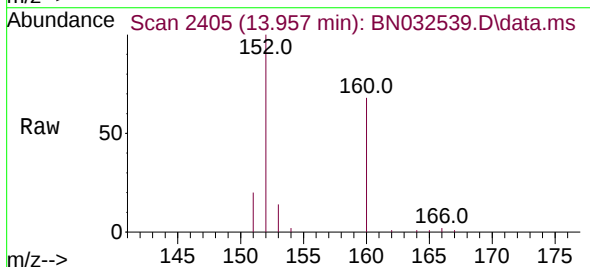
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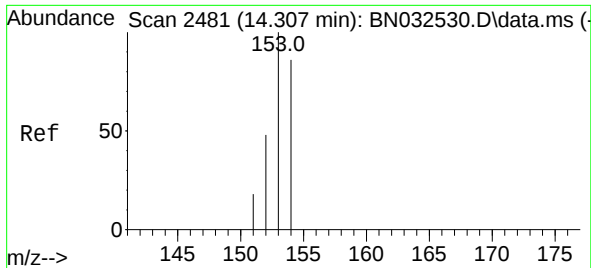
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.571 ng/ul
RT: 13.957 min Scan# 2405
Delta R.T. -0.014 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

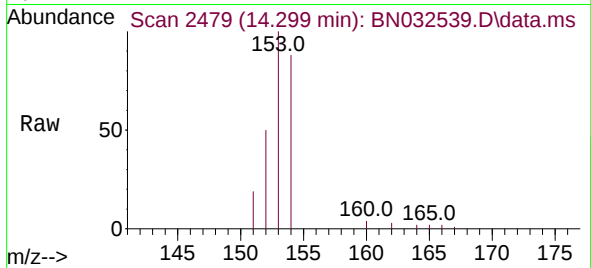
Tgt Ion:152 Resp: 24541
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 14.1 10.9 16.3





#11
Acenaphthene
Concen: 0.294 ng/ul
RT: 14.299 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

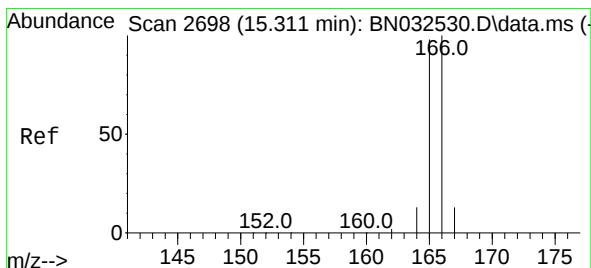
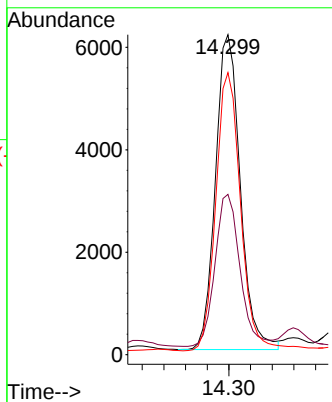
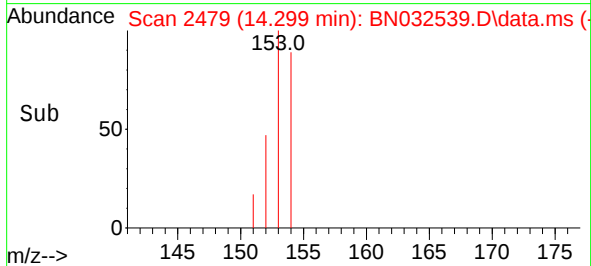
Instrument :
BNA_N
ClientSampleId :
A4CX6DL



Tgt Ion:153 Resp: 9799
Ion Ratio Lower Upper
153 100
152 50.1 39.5 59.3
154 88.1 71.7 107.5

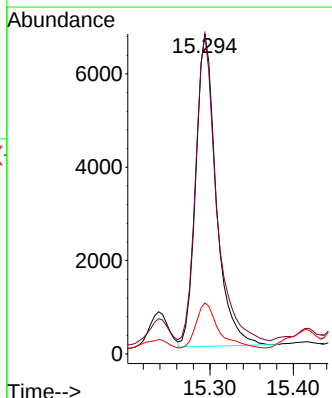
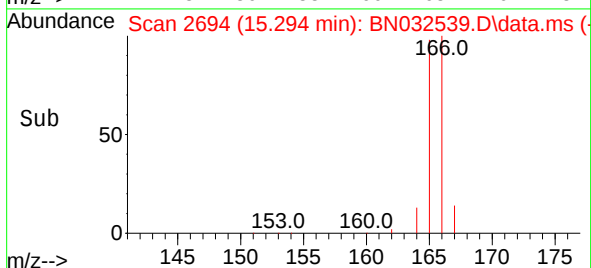
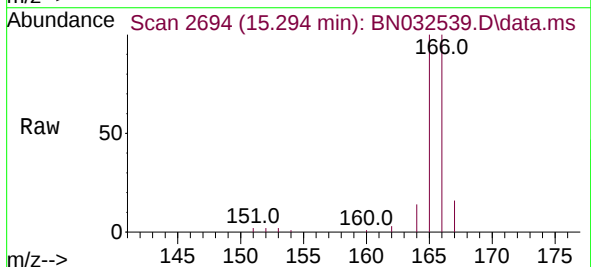
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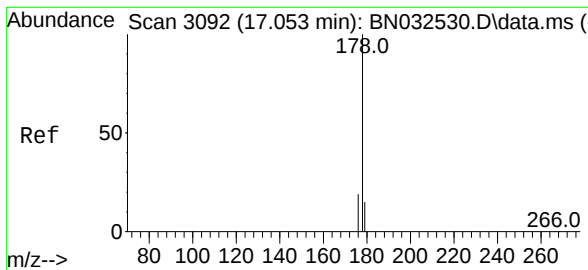
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.288 ng/ul
RT: 15.294 min Scan# 2694
Delta R.T. -0.019 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

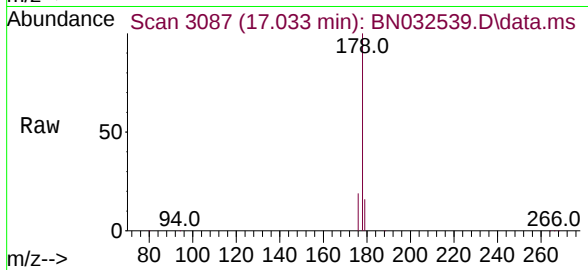
Tgt Ion:166 Resp: 11434
Ion Ratio Lower Upper
166 100
165 99.6 79.0 118.6
167 16.0 11.0 16.6





#15
 Phenanthrene
 Concen: 4.620 ng/ul m
 RT: 17.033 min Scan# 3109
 Delta R.T. -0.017 min
 Lab File: BN032539.D
 Acq: 06 Jul 2024 10:36

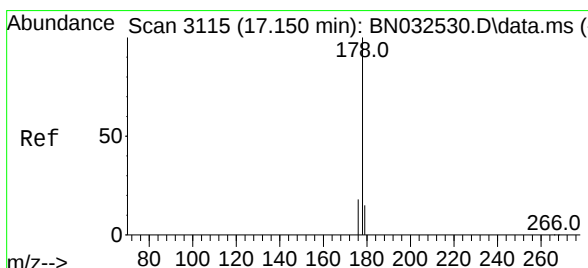
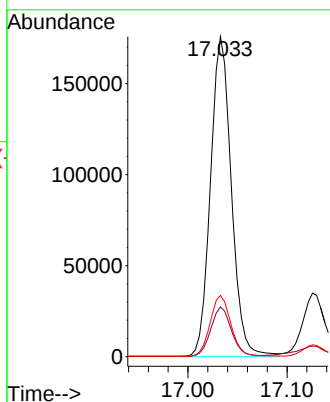
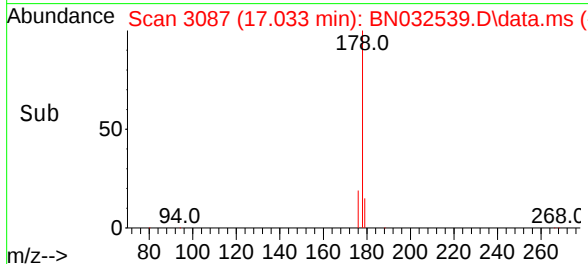
Instrument :
 BNA_N
 ClientSampleId :
 A4CX6DL



Tgt Ion:178 Resp: 257514
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.6 18.8
 176 19.1 15.6 23.4

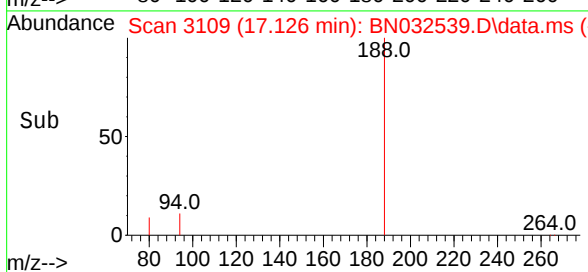
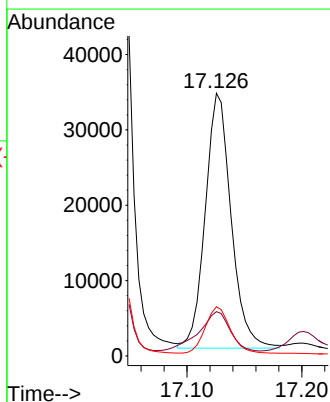
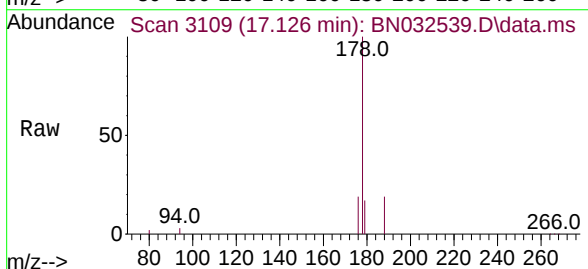
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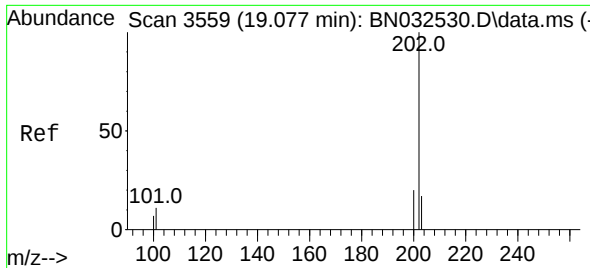
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#16
 Anthracene
 Concen: 1.068 ng/ul m
 RT: 17.126 min Scan# 3109
 Delta R.T. -0.017 min
 Lab File: BN032539.D
 Acq: 06 Jul 2024 10:36

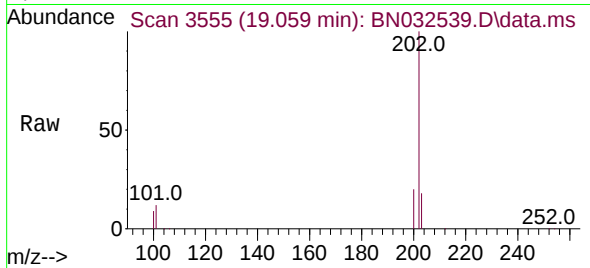
Tgt Ion:178 Resp: 53075
 Ion Ratio Lower Upper
 178 100
 179 16.9 12.5 18.7
 176 18.8 15.0 22.6





#19
Fluoranthene
Concen: 8.887 ng/ul m
RT: 19.059 min Scan# 3555
Delta R.T. -0.014 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

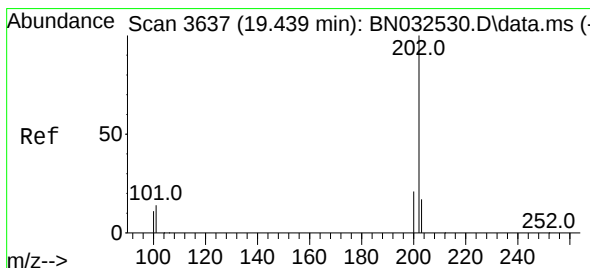
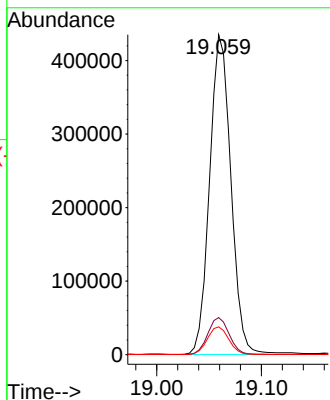
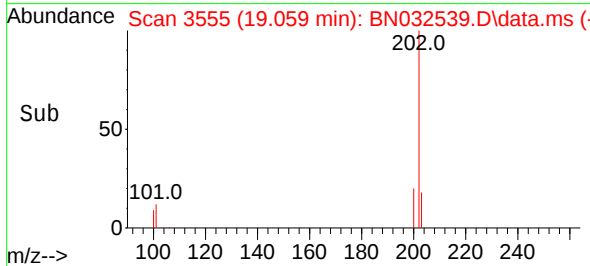
Instrument :
BNA_N
ClientSampleId :
A4CX6DL



Tgt Ion:202 Resp: 61523
Ion Ratio Lower Upper
202 100
101 11.6 8.8 13.2
100 8.7 6.4 9.6

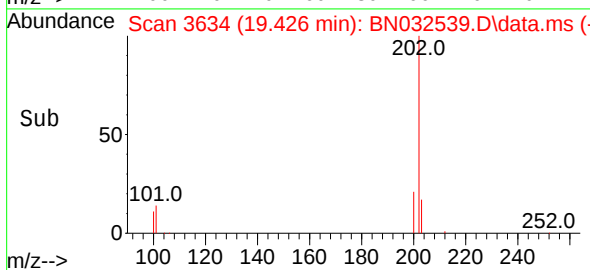
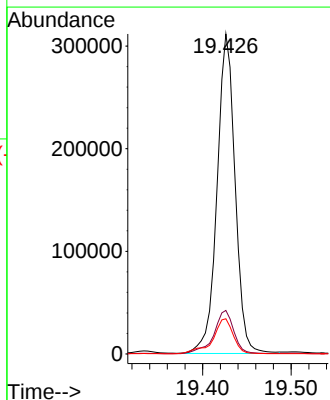
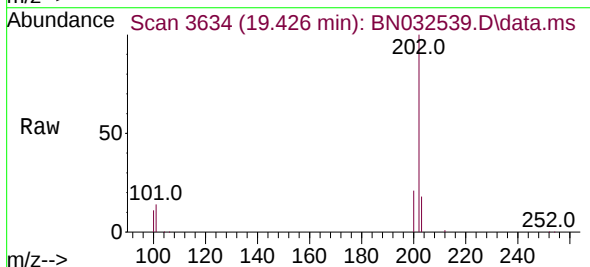
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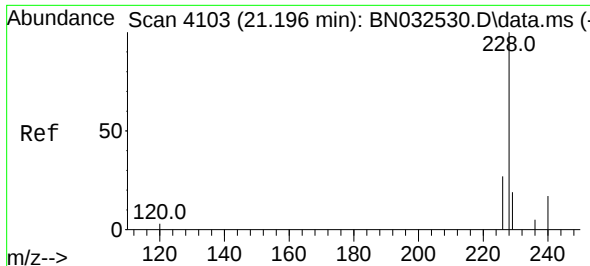
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 6.110 ng/ul m
RT: 19.426 min Scan# 3634
Delta R.T. -0.014 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

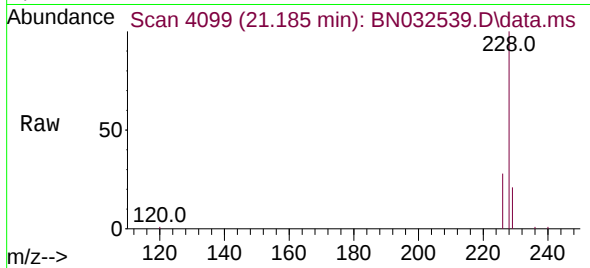
Tgt Ion:202 Resp: 442076
Ion Ratio Lower Upper
202 100
101 13.6 11.0 16.4
100 11.0 8.7 13.1





#21
Benzo(a)anthracene
Concen: 4.458 ng/ul m
RT: 21.185 min Scan# 4103
Delta R.T. -0.006 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

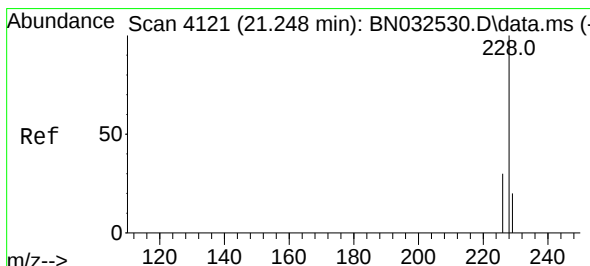
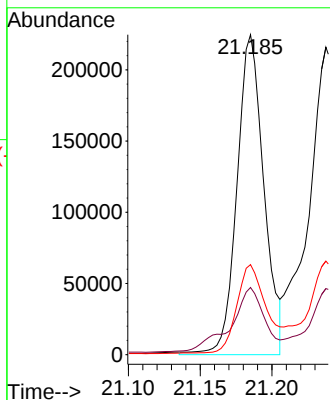
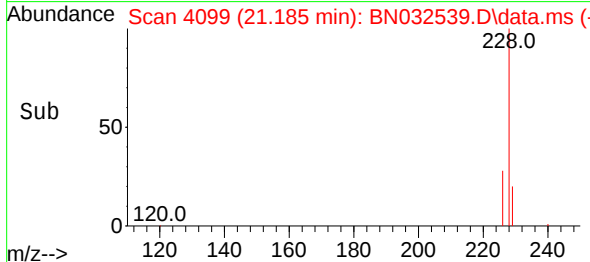
Instrument :
BNA_N
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A4CX6DL



Tgt Ion:228 Resp: 292562
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 28.2 21.8 32.8

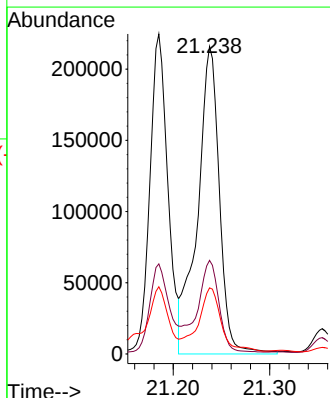
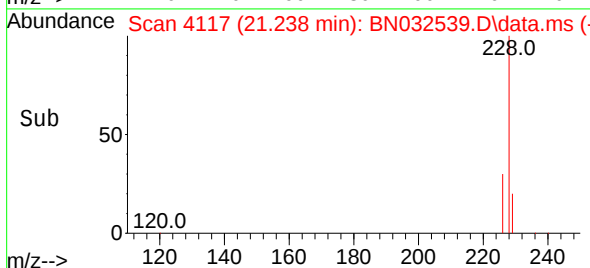
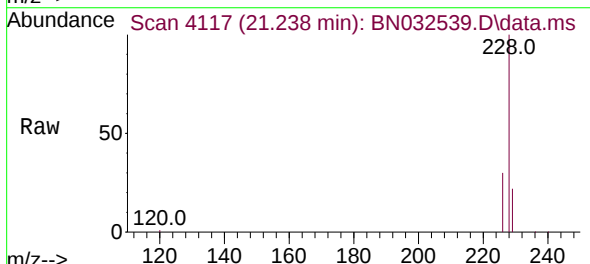
Manual Integrations
APPROVED

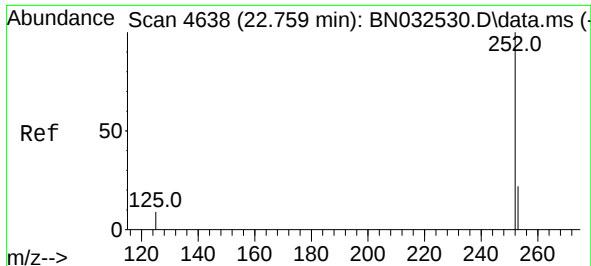
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 4.746 ng/ul m
RT: 21.238 min Scan# 4117
Delta R.T. -0.006 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

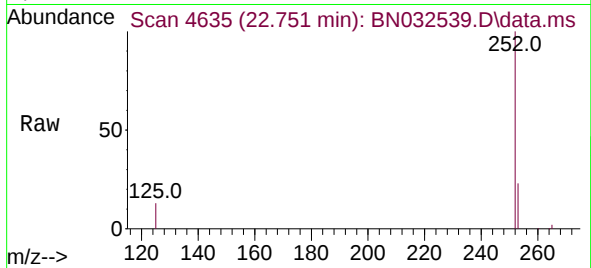
Tgt Ion:228 Resp: 341825
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 21.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 4.960 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.006 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

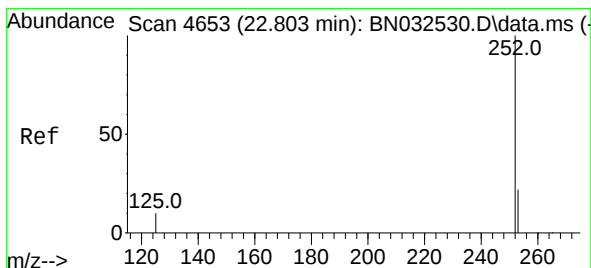
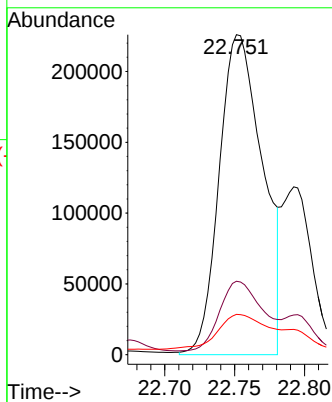
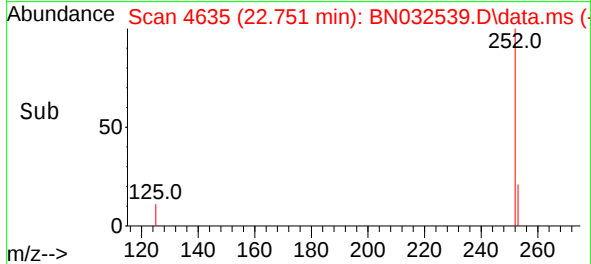
Instrument :
BNA_N
ClientSampleId :
A4CX6DL



Tgt Ion:252 Resp: 48840
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 12.6 0.0 32.0

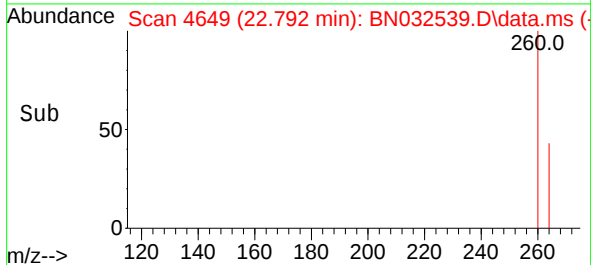
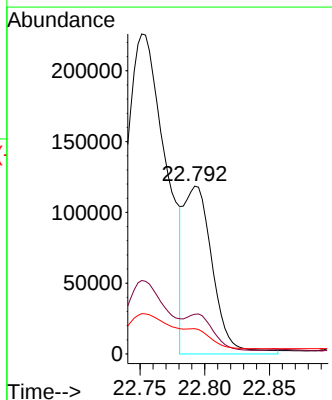
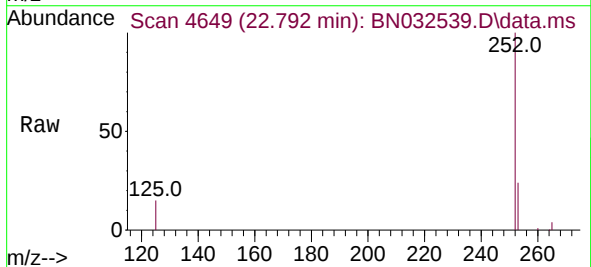
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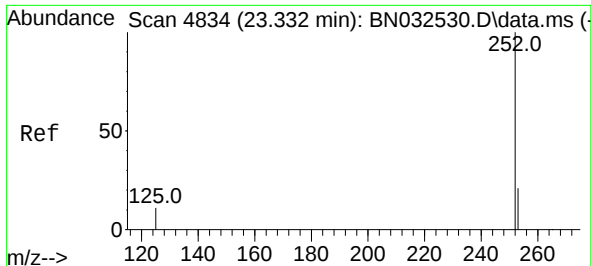
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 1.918 ng/ul m
RT: 22.792 min Scan# 4649
Delta R.T. -0.009 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

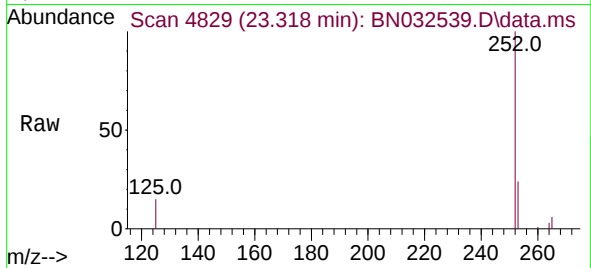
Tgt Ion:252 Resp: 183489
Ion Ratio Lower Upper
252 100
253 23.7 20.3 30.5
125 15.1 12.8 19.2





#26
Benzo(a)pyrene
Concen: 2.551 ng/ul m
RT: 23.318 min Scan# 4829
Delta R.T. -0.009 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

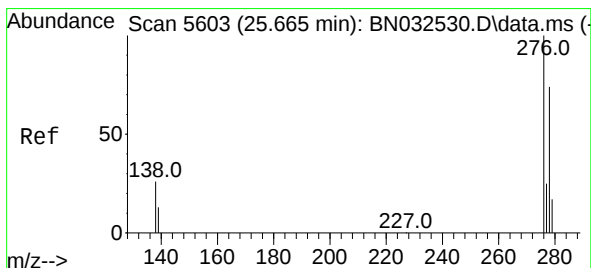
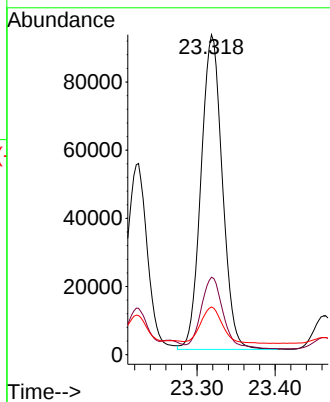
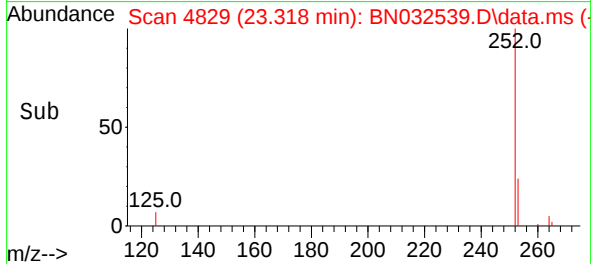
Instrument :
BNA_N
ClientSampleId :
A4CX6DL



Tgt Ion:252 Resp: 174780
Ion Ratio Lower Upper
252 100
253 24.2 22.2 33.2
125 14.9 16.4 24.6

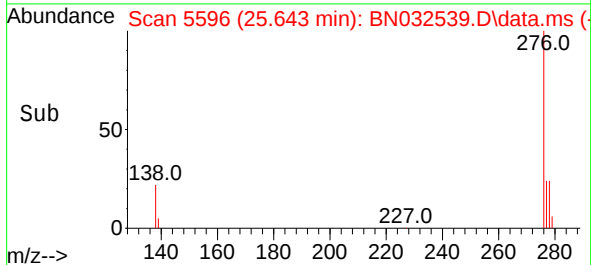
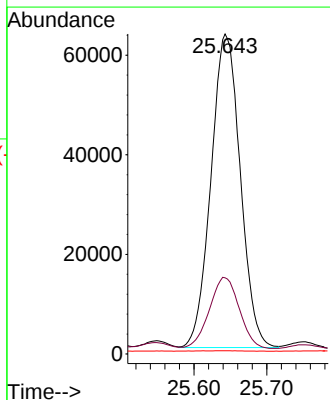
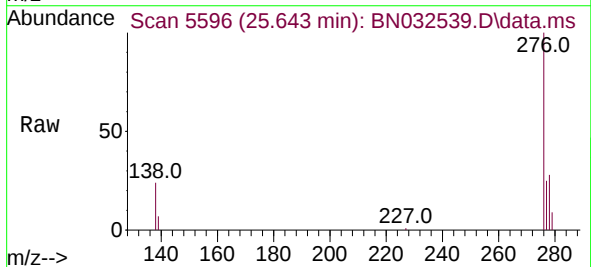
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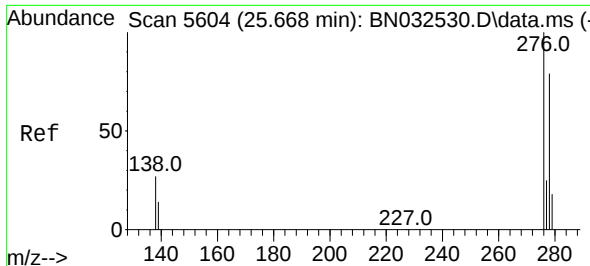
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.642 ng/ul m
RT: 25.643 min Scan# 5596
Delta R.T. -0.017 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

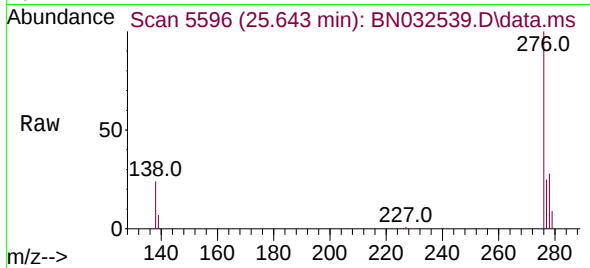
Tgt Ion:276 Resp: 176102
Ion Ratio Lower Upper
276 100
138 3.5 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.778 ng/ul m
RT: 25.643 min Scan# 5596
Delta R.T. -0.024 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

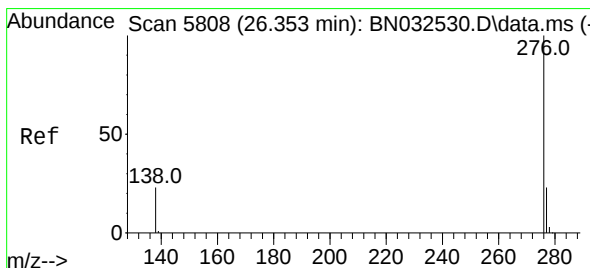
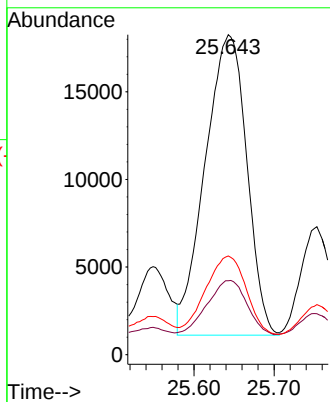
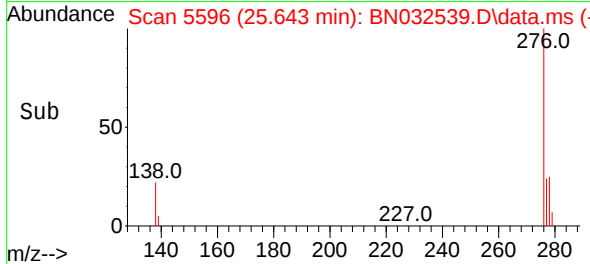
Instrument :
BNA_N
ClientSampleId :
A4CX6DL



Tgt Ion:278 Resp: 62004
Ion Ratio Lower Upper
278 100
139 23.1 15.9 23.9
279 30.8 21.1 31.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#29
Benzo(g,h,i)perylene
Concen: 0.300 ng/ul m
RT: 26.334 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BN032539.D
Acq: 06 Jul 2024 10:36

Tgt Ion:276 Resp: 25636
Ion Ratio Lower Upper
276 100
138 31.9 19.8 29.6#
277 31.9 19.8 29.6#

