

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032889.D
 Acq On : 22 Jul 2024 12:33
 Operator : MA/JU
 Sample : P3215-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D25

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 13:05:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	4095	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.288	136	12671	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.174	164	6901	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	13695m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	12868m	0.400	ng/ul	0.00
23) Perylene-d12	23.345	264	13931m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	12065	2.454	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	2789	0.146	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	5807	0.138	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.338	128	4534	0.133	ng/ul#	96
7) 2-Methylnaphthalene	11.977	142	1143	0.054	ng/ul	95
8) 1-Methylnaphthalene	12.197	142	577	0.026	ng/ul	94
10) Acenaphthylene	13.897	152	5772	0.207	ng/ul	95
11) Acenaphthene	14.235	153	1797	0.078	ng/ul	97
12) Fluorene	15.234	166	3097	0.118	ng/ul#	97
15) Phenanthrene	16.974	178	24484m	0.656	ng/ul	
16) Anthracene	17.071	178	10945m	0.359	ng/ul	
19) Fluoranthene	19.008	202	99408	1.900	ng/ul	99
20) Pyrene	19.375	202	93586	1.728	ng/ul	99
21) Benzo(a)anthracene	21.138	228	50221m	1.226	ng/ul	
22) Chrysene	21.191	228	59450	1.003	ng/ul#	94
24) Benzo(b)fluoranthene	22.690	252	70708m	1.439	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	25005m	0.417	ng/ul	
26) Benzo(a)pyrene	23.248	252	48762	1.146	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.549	276	35196	0.611	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.546	278	8529	0.191	ng/ul#	60
29) Benzo(g,h,i)perylene	26.233	276	32482	0.675	ng/ul	97

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

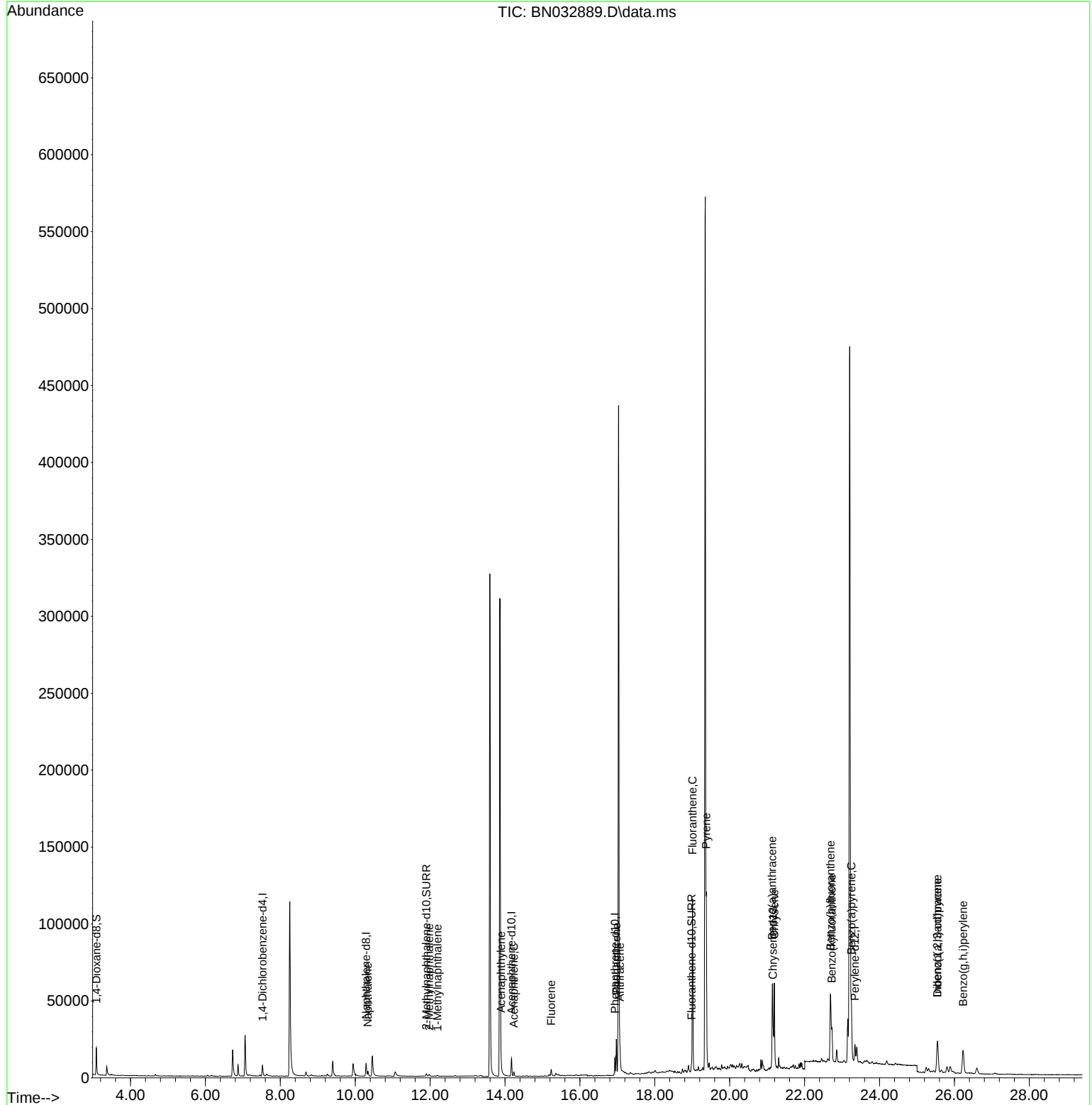
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032889.D
Acq On : 22 Jul 2024 12:33
Operator : MA/JU
Sample : P3215-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

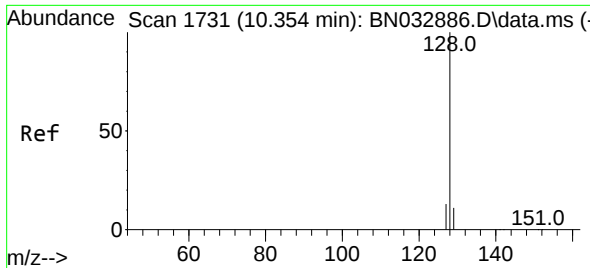
Instrument :
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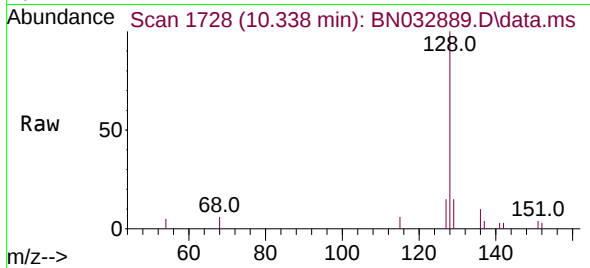
Quant Time: Jul 22 13:05:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.133 ng/ul
RT: 10.338 min Scan# 1731
Delta R.T. -0.026 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

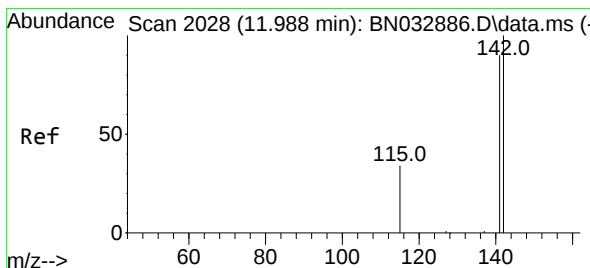
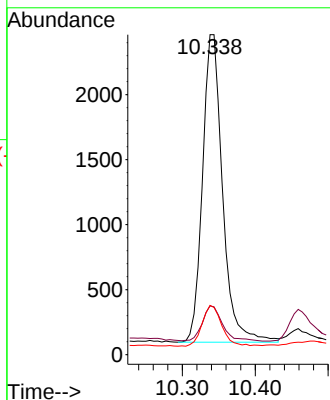
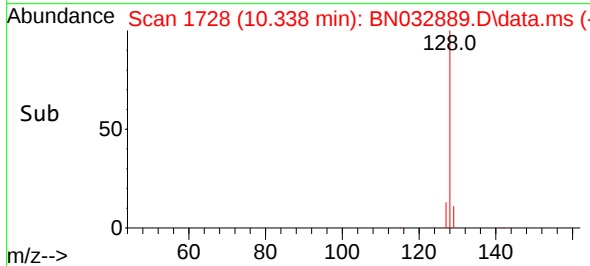
Instrument :
BNA_N
ClientSampleId :
A4D25



Tgt Ion:128 Resp: 4534
Ion Ratio Lower Upper
128 100
129 15.2 10.0 15.0
127 15.4 11.6 17.4

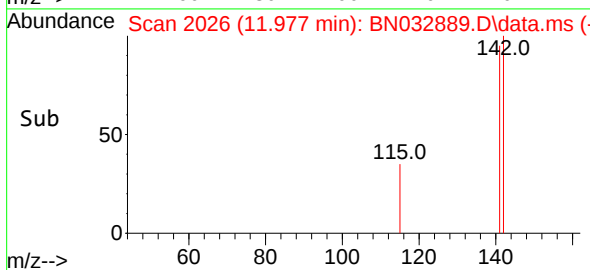
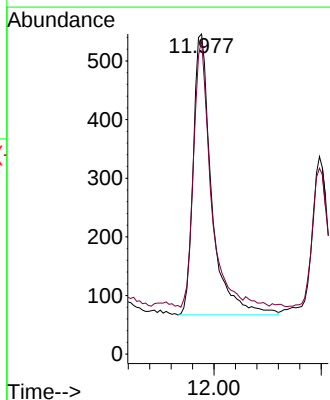
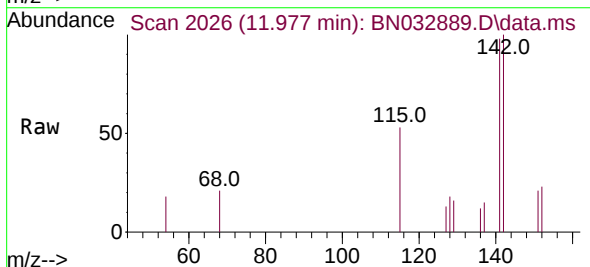
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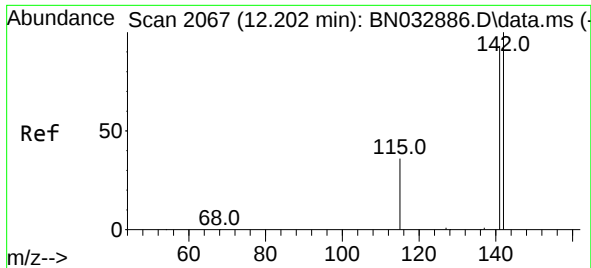
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.020 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

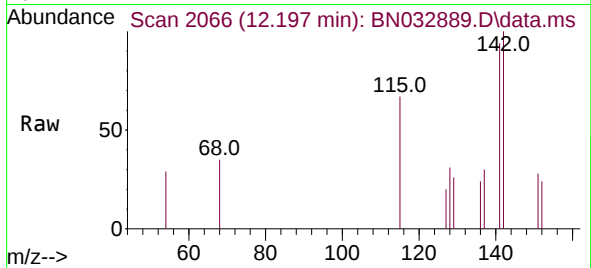
Tgt Ion:142 Resp: 1143
Ion Ratio Lower Upper
142 100
141 88.1 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

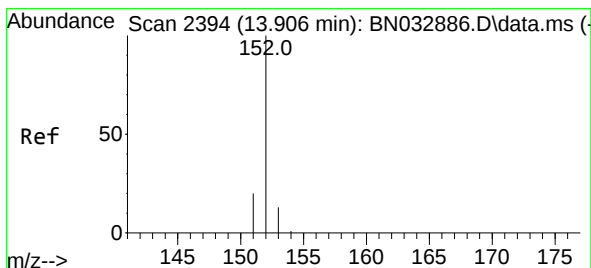
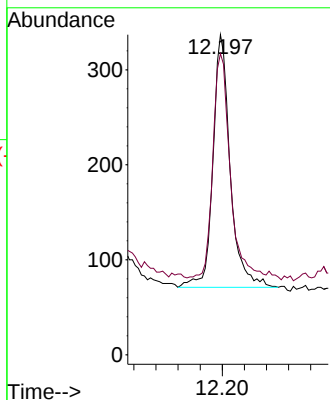
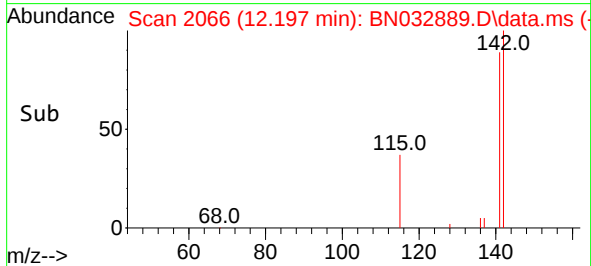
Instrument :
BNA_N
ClientSampleId :
A4D25



Tgt Ion:142 Resp: 572
Ion Ratio Lower Upper
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141 88.0 75.0 112.4

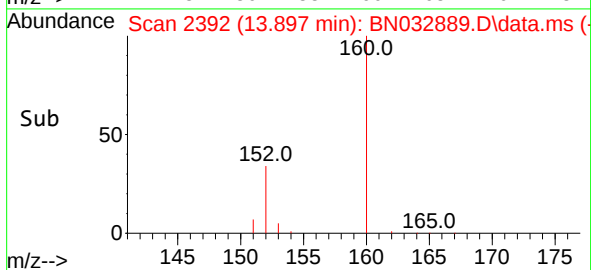
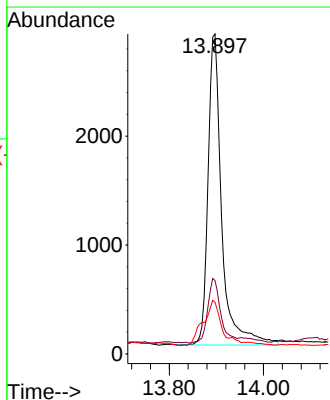
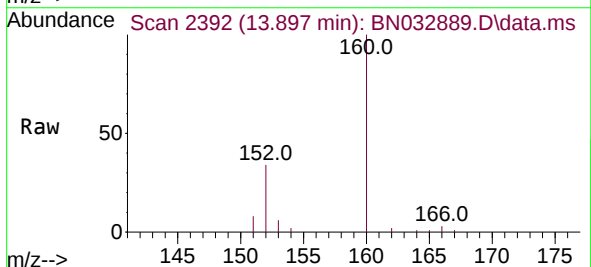
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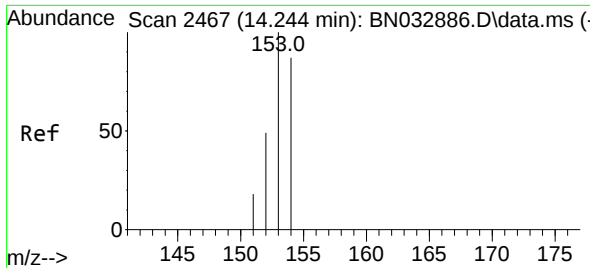
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.207 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

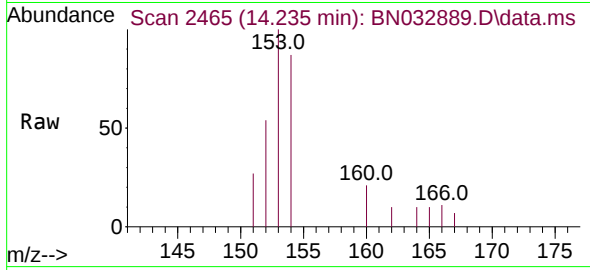
Tgt Ion:152 Resp: 5772
Ion Ratio Lower Upper
152 100
151 23.0 16.3 24.5
153 16.2 11.3 16.9





#11
Acenaphthene
Concen: 0.078 ng/ul
RT: 14.235 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

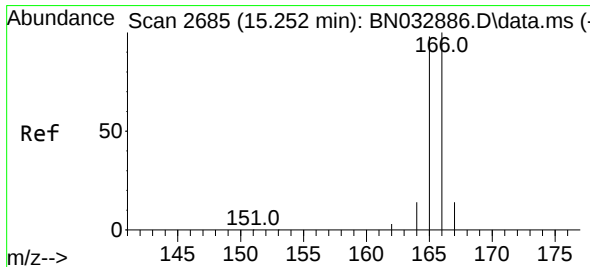
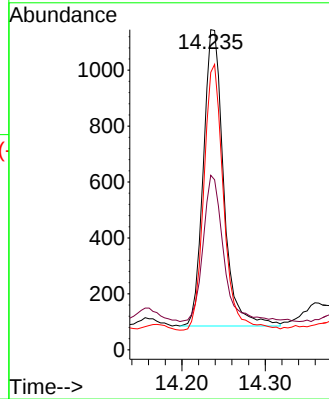
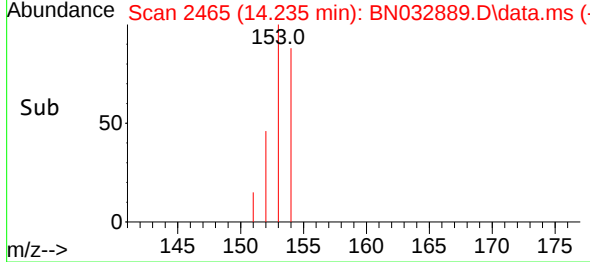
Instrument :
BNA_N
ClientSampleId :
A4D25



Tgt Ion:153 Resp: 179
Ion Ratio Lower Upper
153 100
152 54.5 40.0 60.0
154 86.6 70.2 105.4

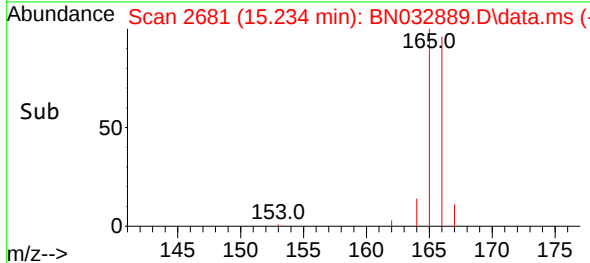
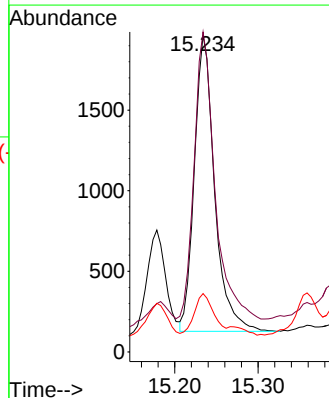
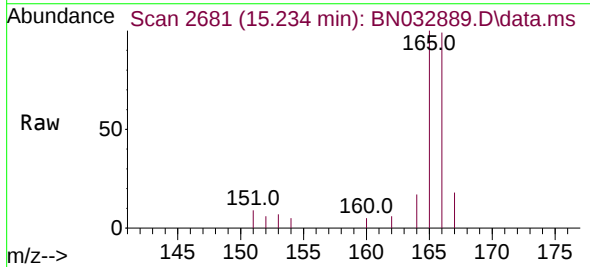
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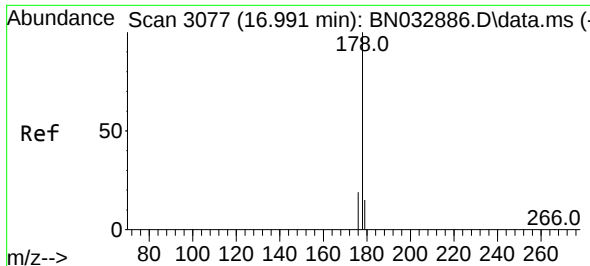
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.118 ng/ul
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

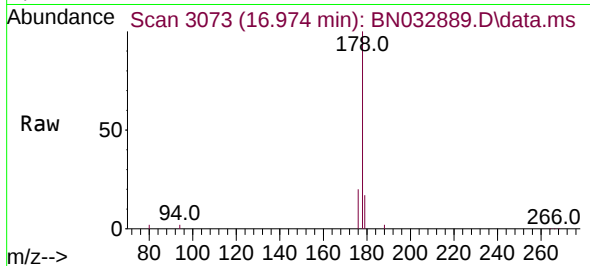
Tgt Ion:166 Resp: 3097
Ion Ratio Lower Upper
166 100
165 101.0 79.7 119.5
167 18.4 11.4 17.2#





#15
Phenanthrene
Concen: 0.656 ng/ul m
RT: 16.974 min Scan# 3073
Delta R.T. -0.028 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

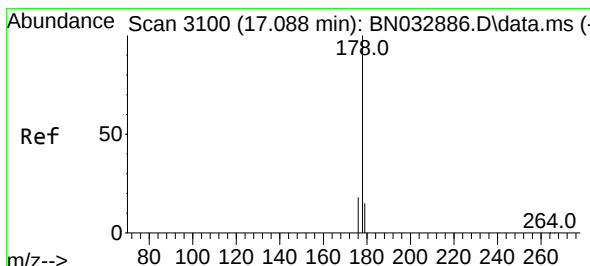
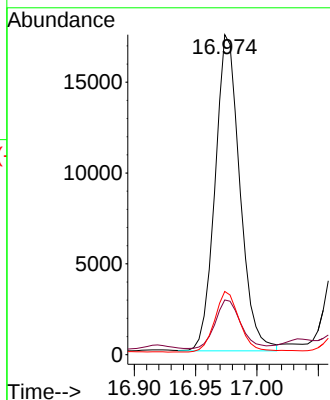
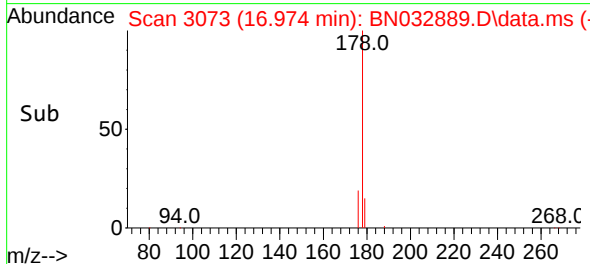
Instrument :
BNA_N
ClientSampleId :
A4D25



Tgt Ion:178 Resp: 24484
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.4
176 19.7 15.6 23.4

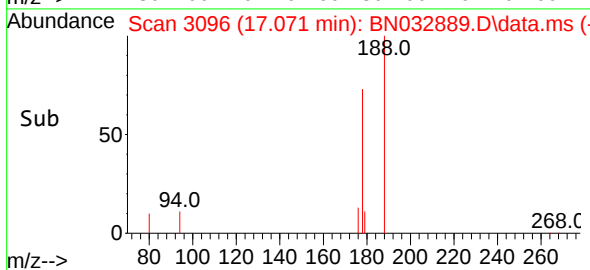
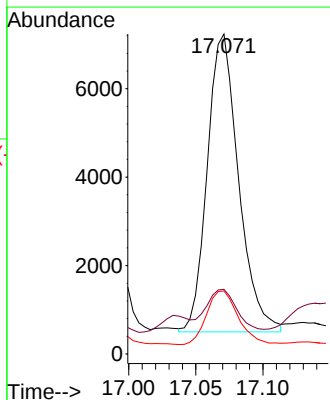
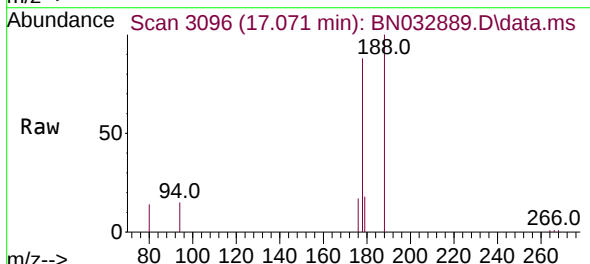
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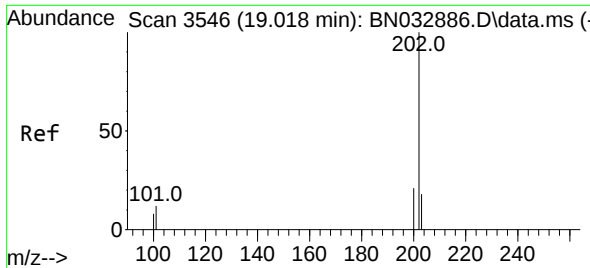
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#16
Anthracene
Concen: 0.359 ng/ul m
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

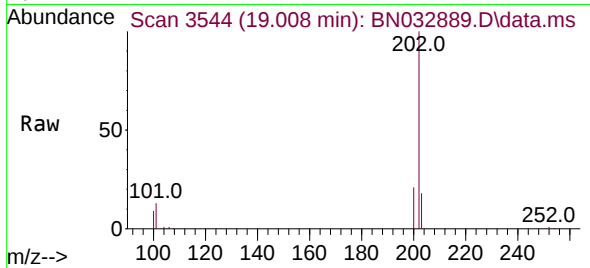
Tgt Ion:178 Resp: 10945
Ion Ratio Lower Upper
178 100
179 20.2 13.4 20.2#
176 19.7 15.4 23.0





#19
Fluoranthene
Concen: 1.900 ng/ul
RT: 19.008 min Scan# 3546
Delta R.T. -0.017 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

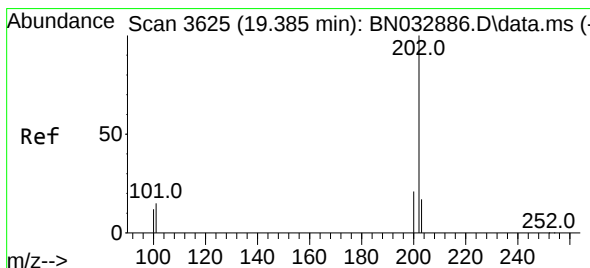
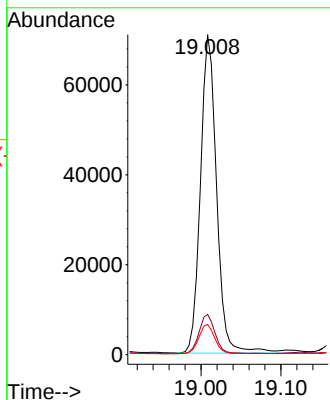
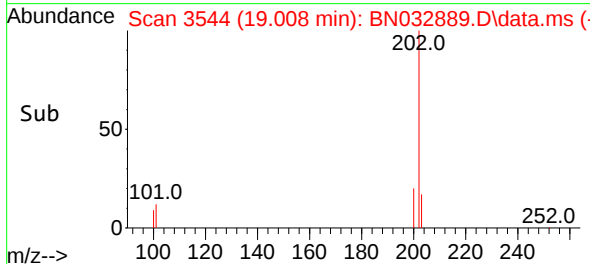
Instrument :
BNA_N
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A4D25



Tgt Ion:202 Resp: 99408
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.8
100 9.4 7.9 11.9

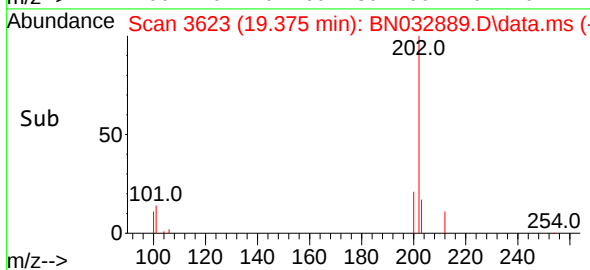
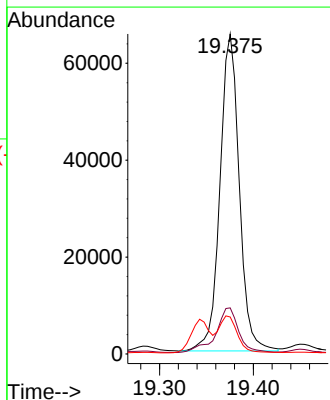
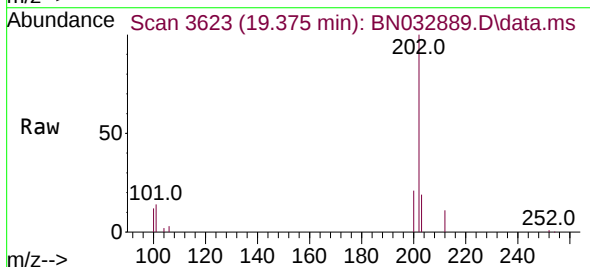
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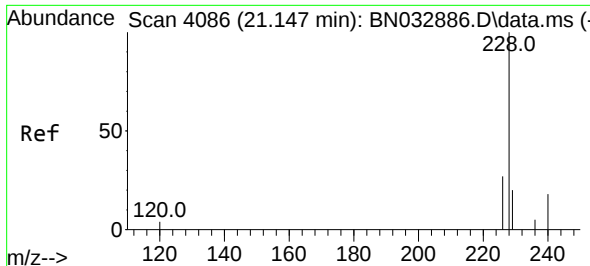
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#20
Pyrene
Concen: 1.728 ng/ul
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

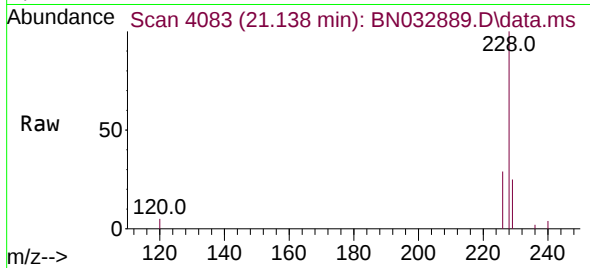
Tgt Ion:202 Resp: 93586
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 11.6 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.226 ng/ul m
RT: 21.138 min Scan# 4086
Delta R.T. -0.012 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

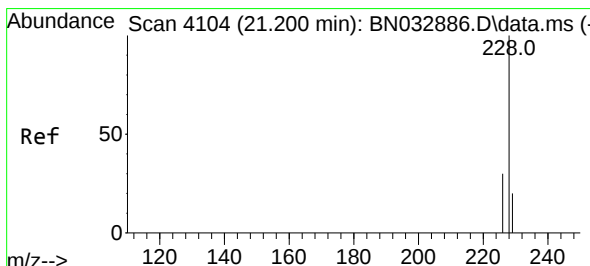
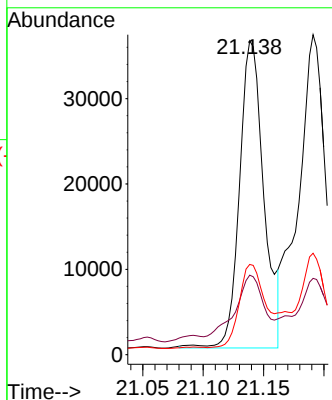
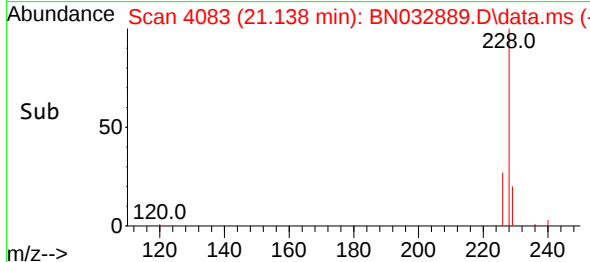
Instrument :
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A4D25



Tgt Ion:228 Resp: 5022
Ion Ratio Lower Upper
228 100
229 25.4 16.1 24.1
226 28.8 21.9 32.9

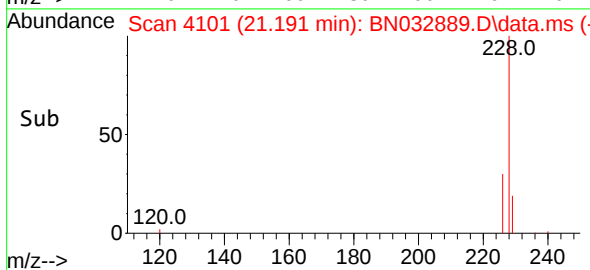
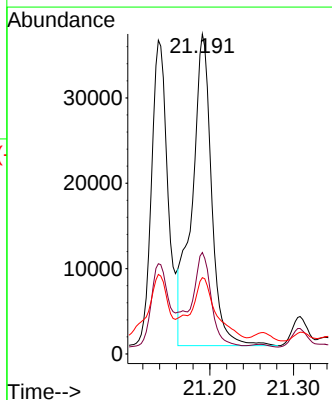
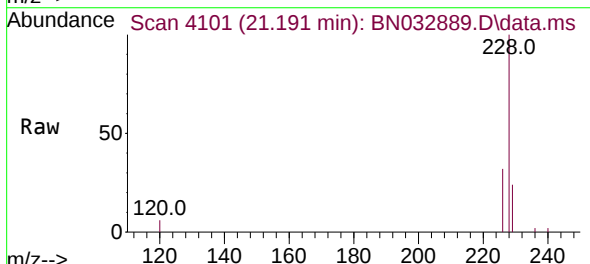
Manual Integrations
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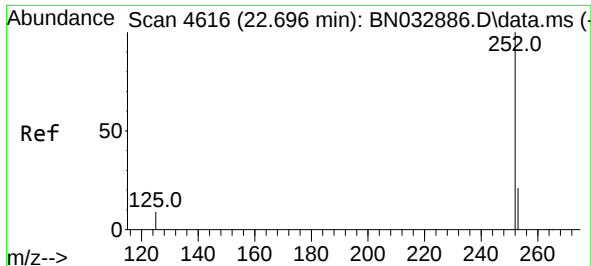
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 1.003 ng/ul
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

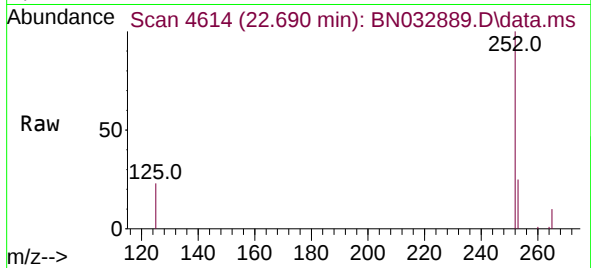
Tgt Ion:228 Resp: 59450
Ion Ratio Lower Upper
228 100
226 31.7 24.0 36.0
229 23.9 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 1.439 ng/ul m
RT: 22.690 min Scan# 4616
Delta R.T. -0.009 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

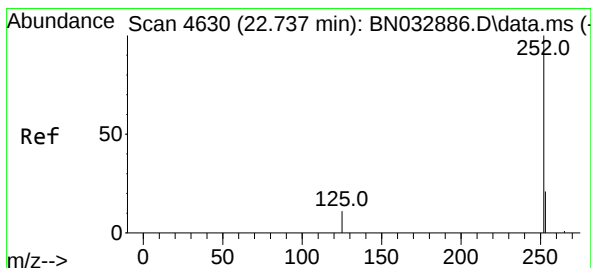
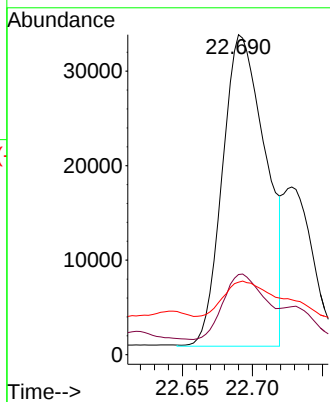
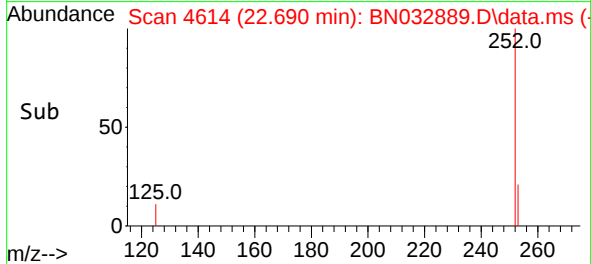
Instrument :
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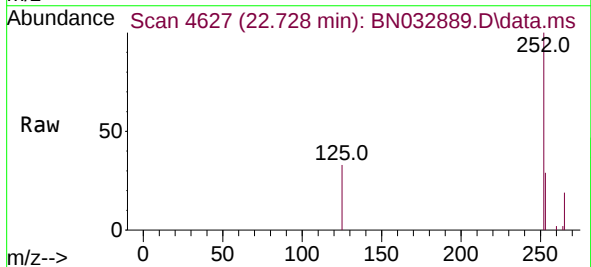
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Ion Ratio Lower Upper
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253 25.0 0.0 54.0
125 22.6 0.0 36.0

Manual Integrations
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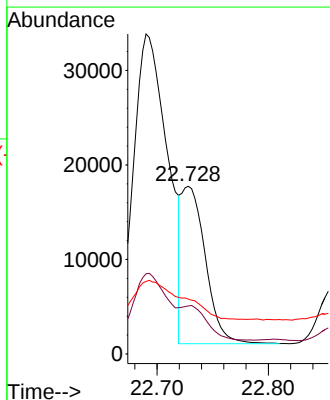
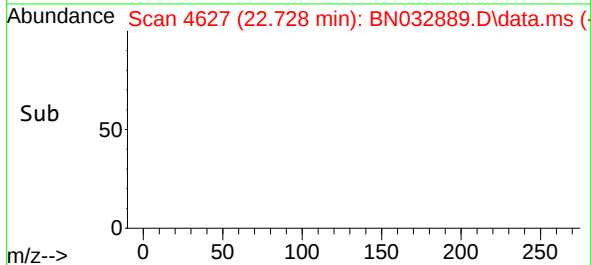
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

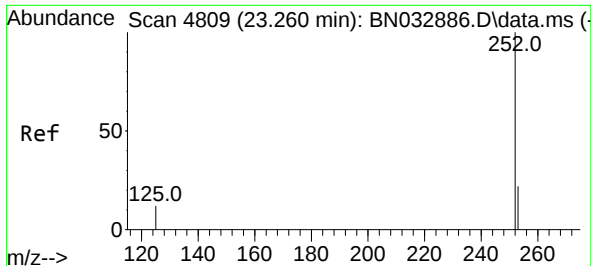


#25
Benzo(k)fluoranthene
Concen: 0.417 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33



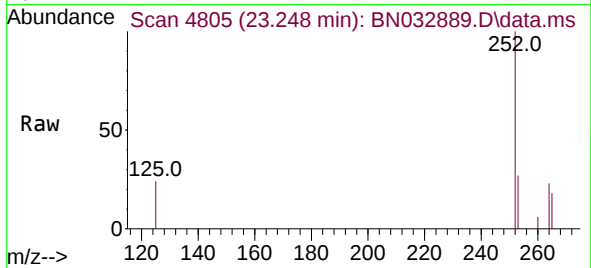
Tgt Ion:252 Resp: 25005
Ion Ratio Lower Upper
252 100
253 28.6 21.2 31.8
125 32.8 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 1.146 ng/ul
RT: 23.248 min Scan# 4805
Delta R.T. -0.015 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

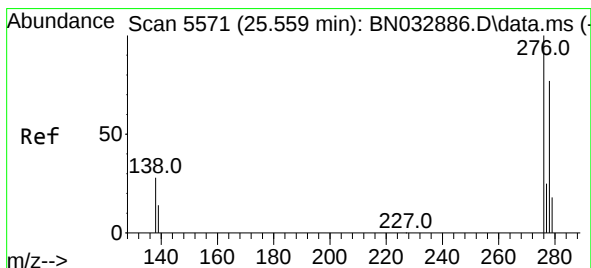
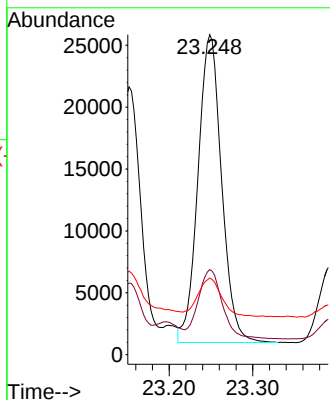
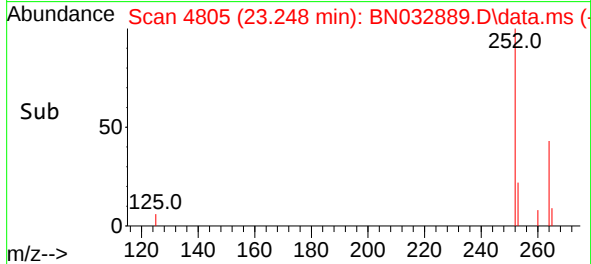
Instrument :
BNA_N
ClientSampleId :
A4D25



Tgt Ion:252 Resp: 48762
Ion Ratio Lower Upper
252 100
253 26.6 25.4 38.0
125 23.9 20.6 30.8

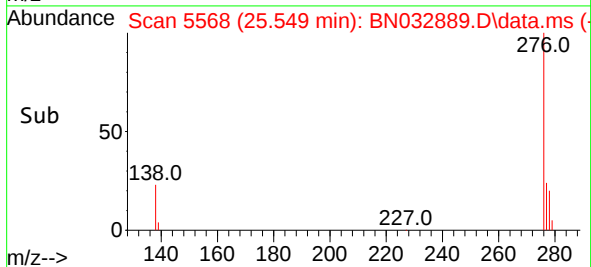
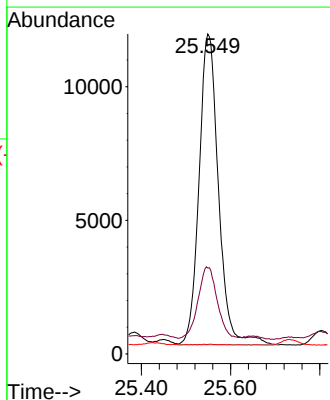
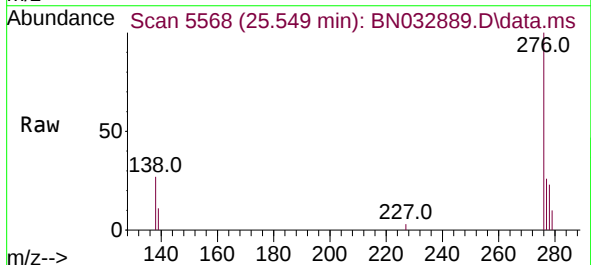
Manual Integrations
APPROVED

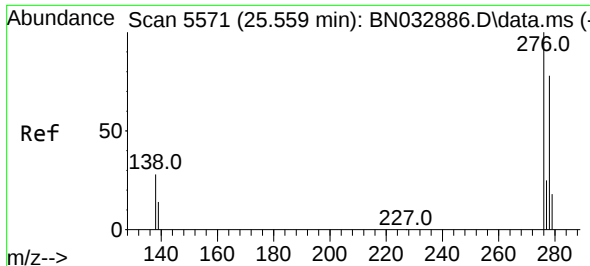
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.611 ng/ul
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

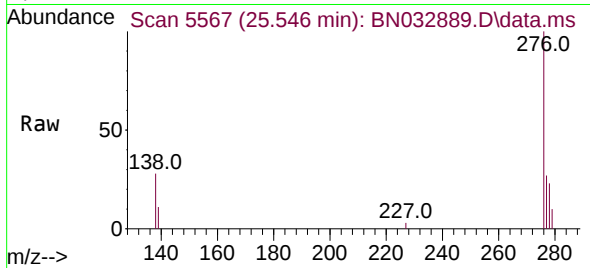
Tgt Ion:276 Resp: 35196
Ion Ratio Lower Upper
276 100
138 22.4 21.6 32.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.191 ng/ul
RT: 25.546 min Scan# 5567
Delta R.T. -0.024 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33

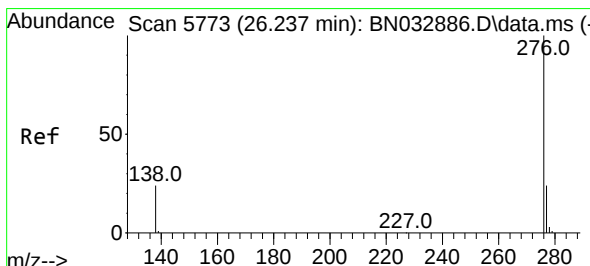
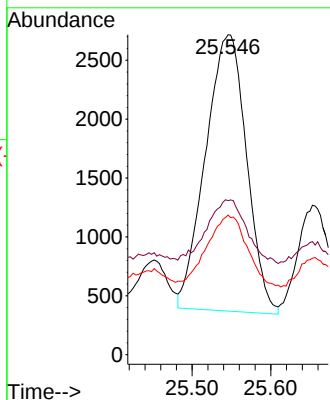
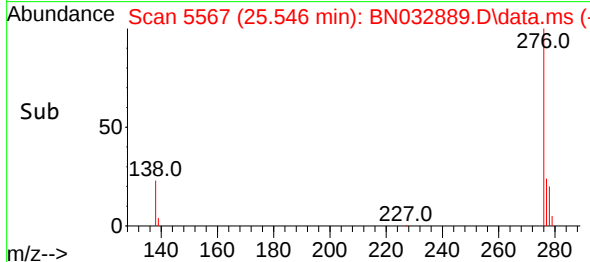
Instrument :
BNA_N
ClientSampleId :
A4D25



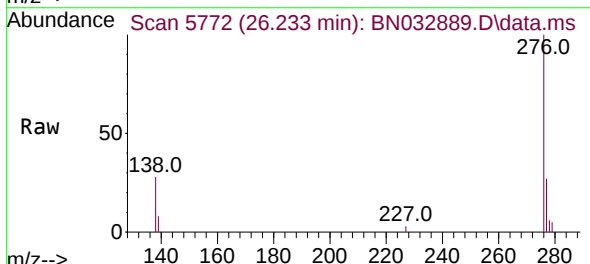
Tgt Ion:278 Resp: 8529
Ion Ratio Lower Upper
278 100
139 48.1 16.6 24.8
279 43.6 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#29
Benzo(g,h,i)perylene
Concen: 0.675 ng/ul
RT: 26.233 min Scan# 5772
Delta R.T. -0.017 min
Lab File: BN032889.D
Acq: 22 Jul 2024 12:33



Tgt Ion:276 Resp: 32482
Ion Ratio Lower Upper
276 100
138 28.1 21.0 31.4
277 27.0 20.6 31.0

