

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032900.D
 Acq On : 22 Jul 2024 19:11
 Operator : MA/JU
 Sample : P3215-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BD3

Manual Integrations
 APPROVED

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

Quant Time: Jul 23 01:35:45 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	4452	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.288	136	15096	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.174	164	9033	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	14651m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	10598m	0.400	ng/ul	-0.01
23) Perylene-d12	23.345	264	12116m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	15781	2.952	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	5166	0.226	ng/ul	-0.03
18) Fluoranthene-d10	18.976	212	7837	0.227	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.338	128	2805	0.069	ng/ul#	93
7) 2-Methylnaphthalene	11.971	142	1262	0.050	ng/ul	97
8) 1-Methylnaphthalene	12.197	142	1225	0.047	ng/ul	99
10) Acenaphthylene	13.892	152	8257	0.226	ng/ul	99
11) Acenaphthene	14.235	153	5155	0.171	ng/ul	100
12) Fluorene	15.234	166	6534	0.189	ng/ul	99
15) Phenanthrene	16.974	178	145284m	3.641	ng/ul	
16) Anthracene	17.067	178	28400m	0.871	ng/ul	
19) Fluoranthene	19.008	202	301986	7.008	ng/ul	99
20) Pyrene	19.375	202	173728	3.895	ng/ul	98
21) Benzo(a)anthracene	21.138	228	122983	3.646	ng/ul	99
22) Chrysene	21.191	228	138627	2.841	ng/ul	98
24) Benzo(b)fluoranthene	22.690	252	198823m	4.651	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	75498m	1.449	ng/ul	
26) Benzo(a)pyrene	23.248	252	52658	1.423	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.545	276	61169	1.221	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.545	278	23284	0.600	ng/ul#	90
29) Benzo(g,h,i)perylene	26.233	276	8013	0.191	ng/ul#	68

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

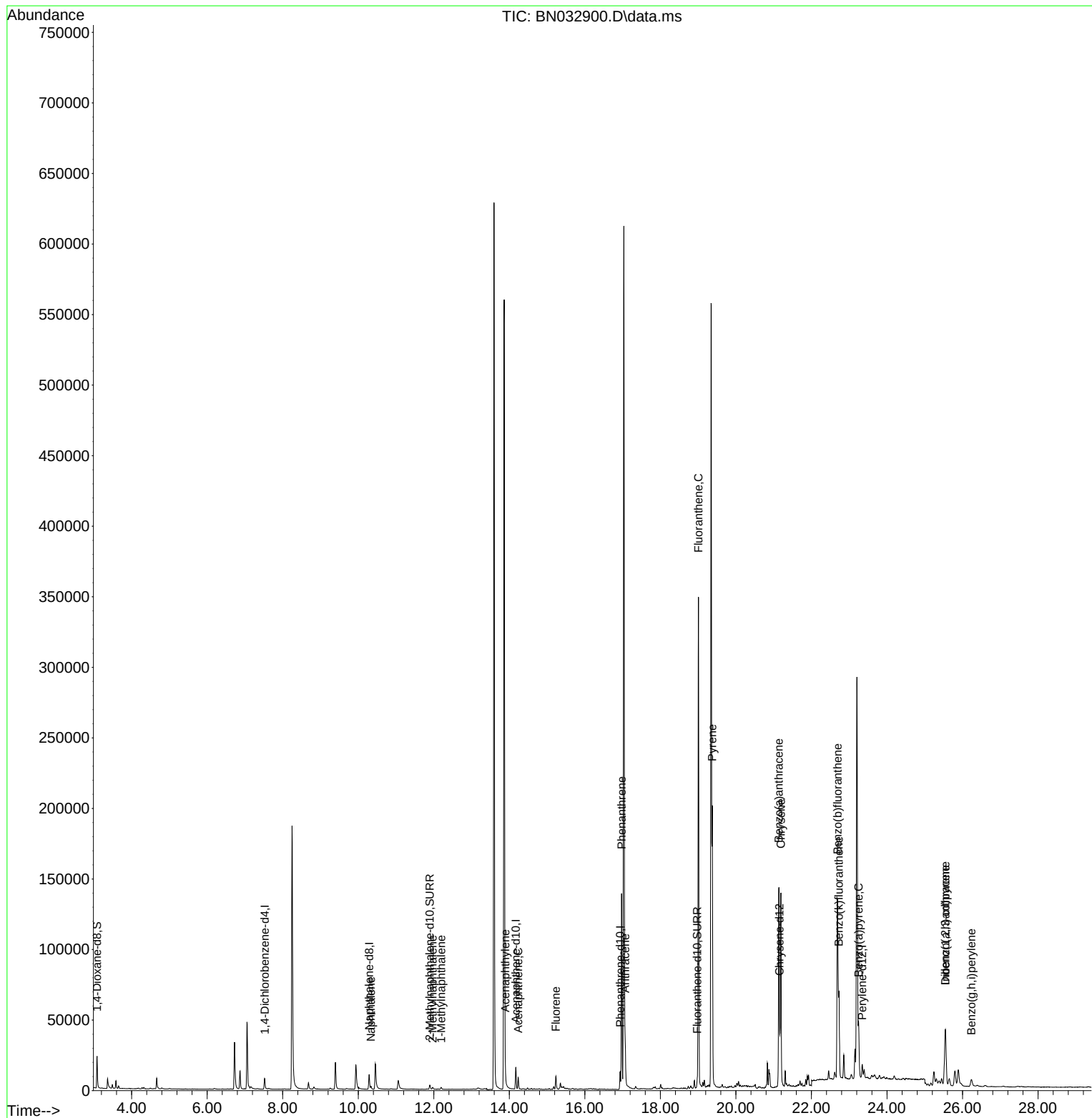
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032900.D
Acq On : 22 Jul 2024 19:11
Operator : MA/JU
Sample : P3215-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

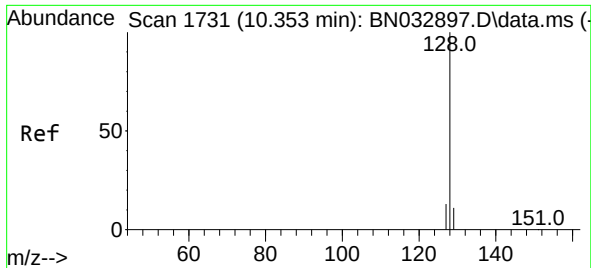
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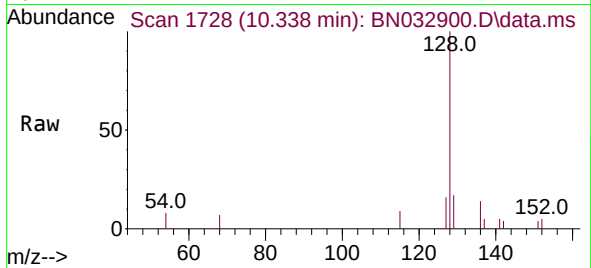
Quant Time: Jul 23 01:35:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.338 min Scan# 1731
Delta R.T. -0.026 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11

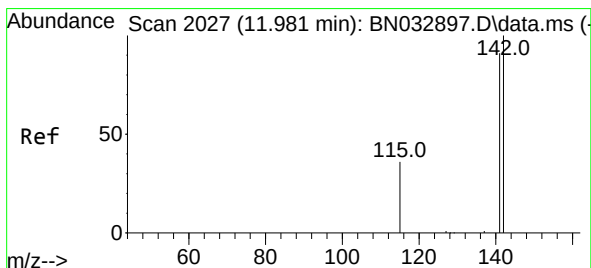
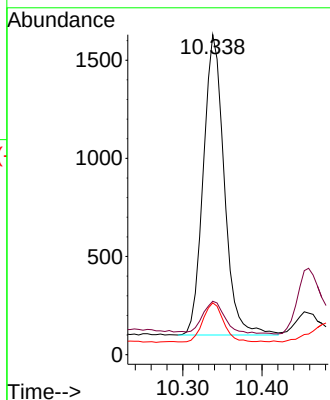
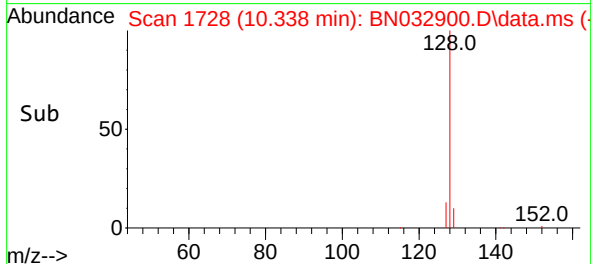
Instrument :
BNA_N
ClientSampleId :
A4BD3



Tgt Ion:128 Resp: 280
Ion Ratio Lower Upper
128 100
129 16.7 10.0 15.0
127 16.2 11.6 17.4

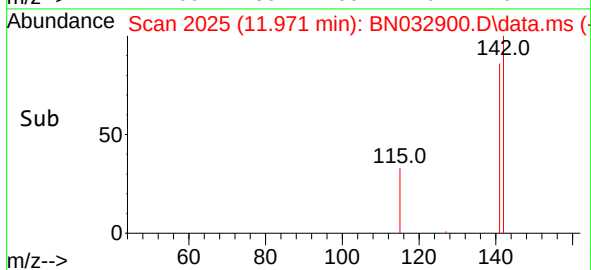
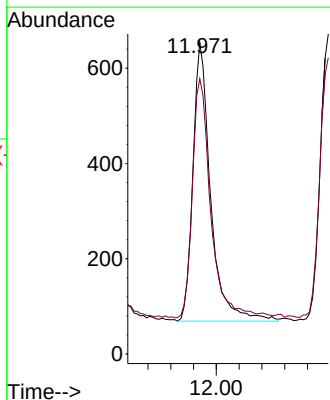
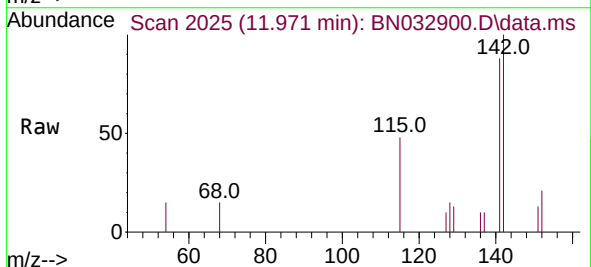
Manual Integrations
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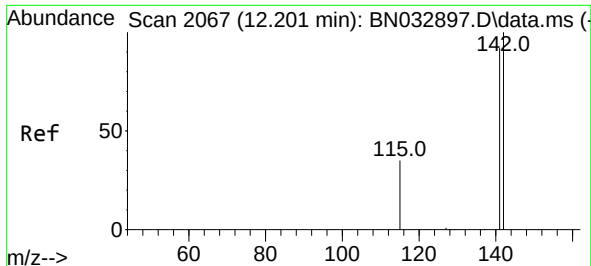
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11

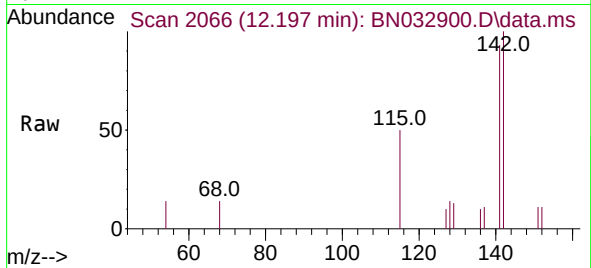
Tgt Ion:142 Resp: 1262
Ion Ratio Lower Upper
142 100
141 89.3 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11

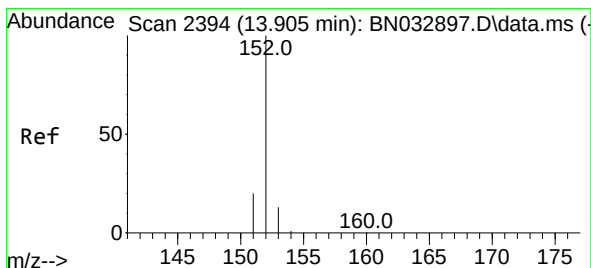
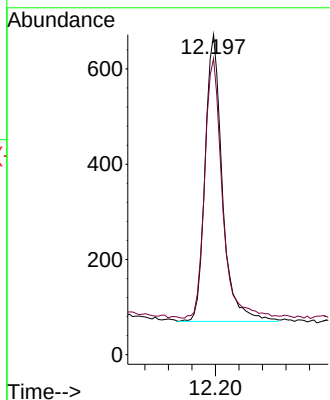
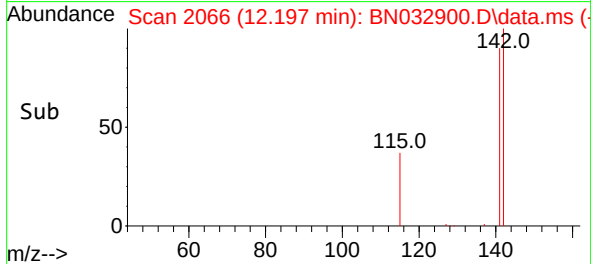
Instrument :
BNA_N
ClientSampleId :
A4BD3



Tgt Ion:142 Resp: 1225
Ion Ratio Lower Upper
142 100
141 92.7 75.0 112.4

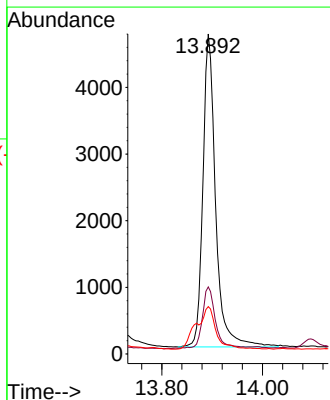
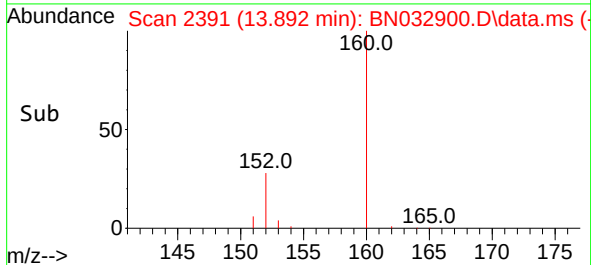
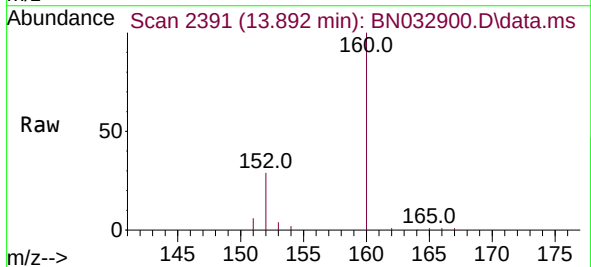
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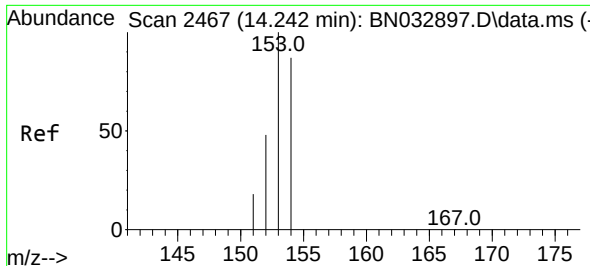
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.226 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11

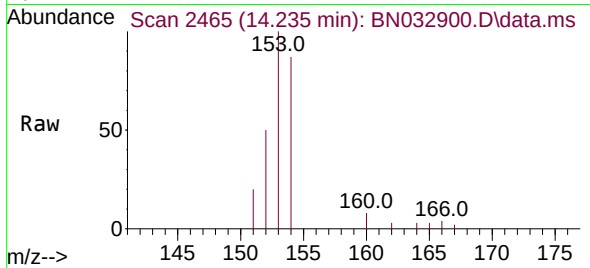
Tgt Ion:152 Resp: 8257
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.8 11.3 16.9





#11
Acenaphthene
Concen: 0.171 ng/ul
RT: 14.235 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11

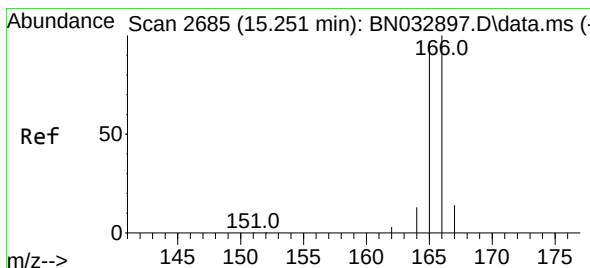
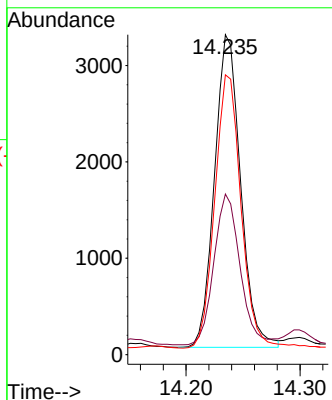
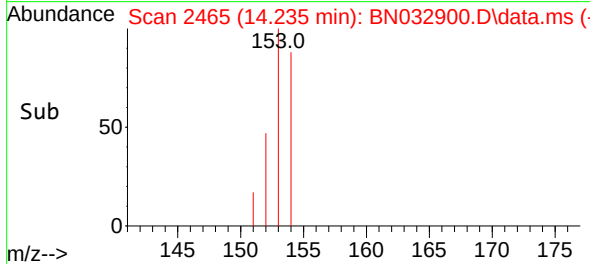
Instrument :
BNA_N
ClientSampleId :
A4BD3



Tgt Ion:153 Resp: 5158
Ion Ratio Lower Upper
153 100
152 50.2 40.0 60.0
154 87.5 70.2 105.4

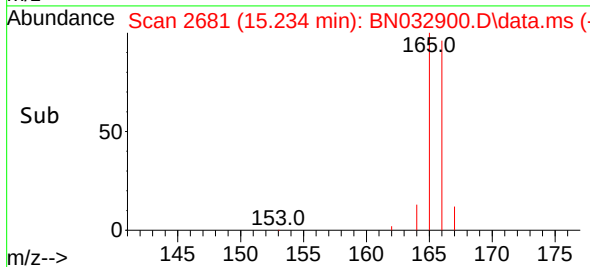
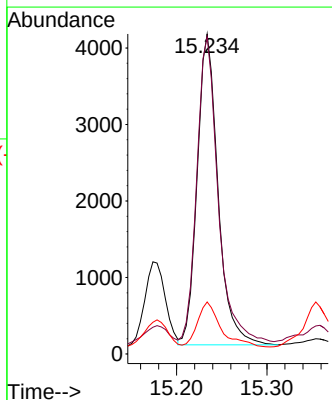
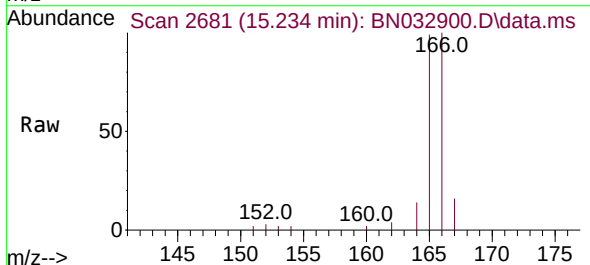
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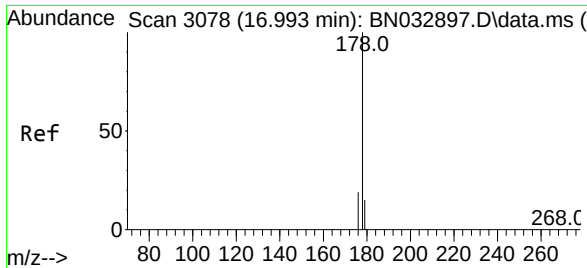
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.189 ng/ul
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11

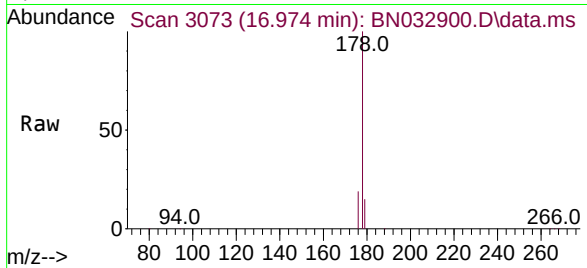
Tgt Ion:166 Resp: 6534
Ion Ratio Lower Upper
166 100
165 99.1 79.7 119.5
167 16.3 11.4 17.2





#15
Phenanthrene
Concen: 3.641 ng/ul m
RT: 16.974 min Scan# 3078
Delta R.T. -0.028 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11

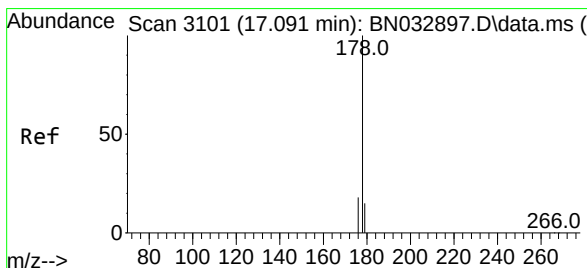
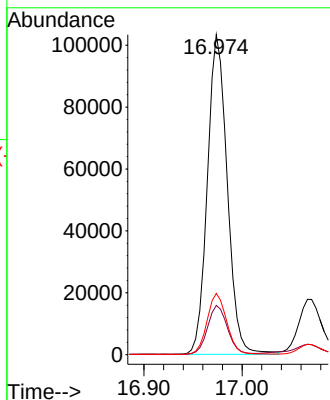
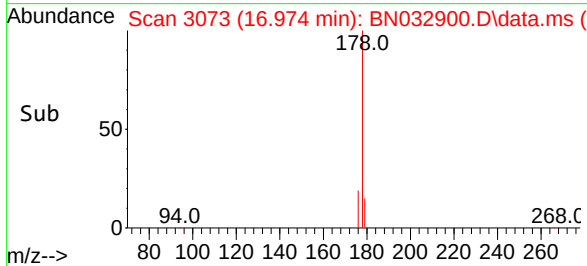
Instrument :
BNA_N
ClientSampleId :
A4BD3



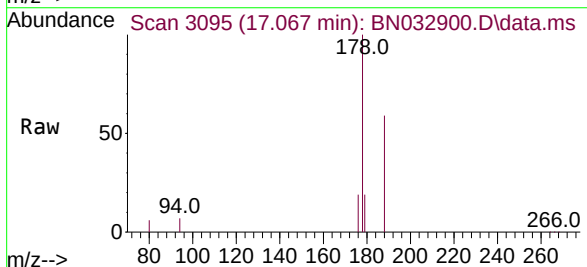
Tgt Ion:178 Resp: 145284
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.2 15.6 23.4

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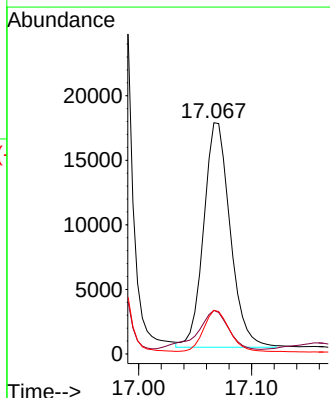
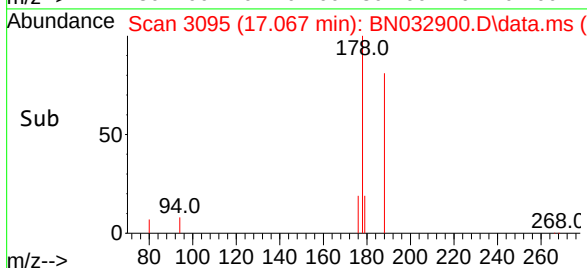
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

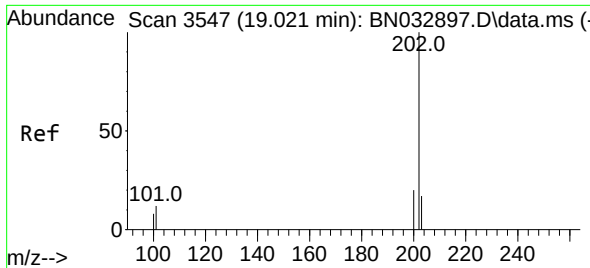


#16
Anthracene
Concen: 0.871 ng/ul m
RT: 17.067 min Scan# 3095
Delta R.T. -0.032 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11



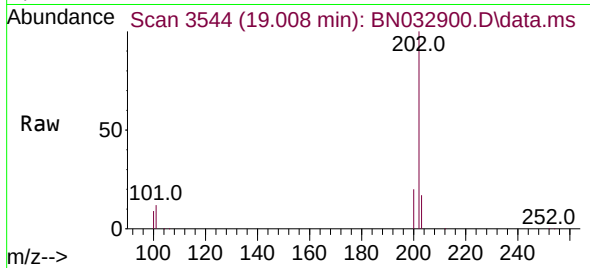
Tgt Ion:178 Resp: 28400
Ion Ratio Lower Upper
178 100
179 18.8 13.4 20.2
176 18.9 15.4 23.0





#19
Fluoranthene
Concen: 7.008 ng/u1
RT: 19.008 min Scan# 301980
Delta R.T. -0.017 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11

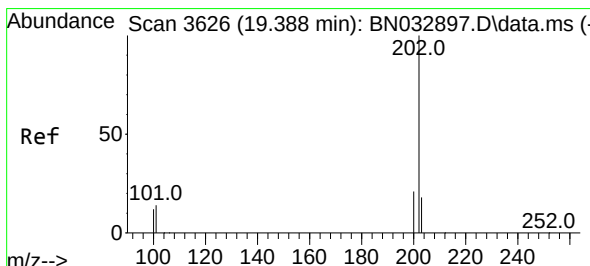
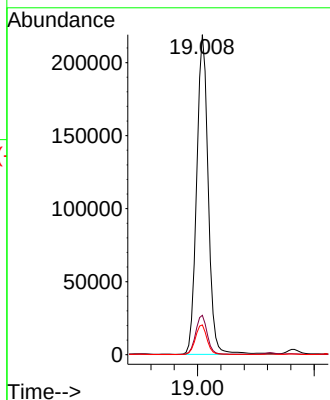
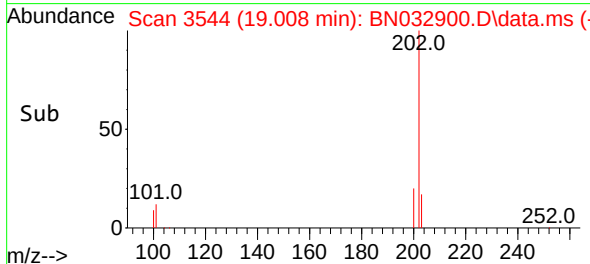
Instrument :
BNA_N
ClientSampleId :
A4BD3



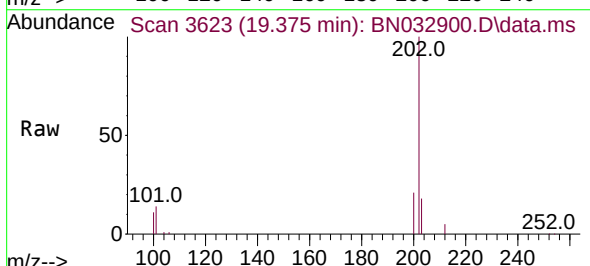
Tgt Ion:202 Resp: 301980
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.3 7.9 11.9

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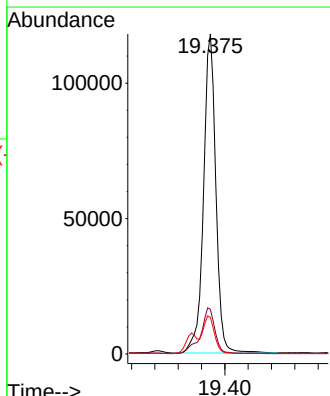
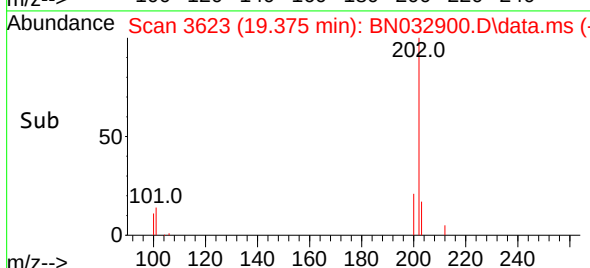
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

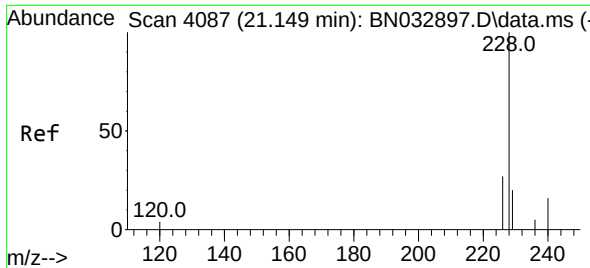


#20
Pyrene
Concen: 3.895 ng/u1
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11



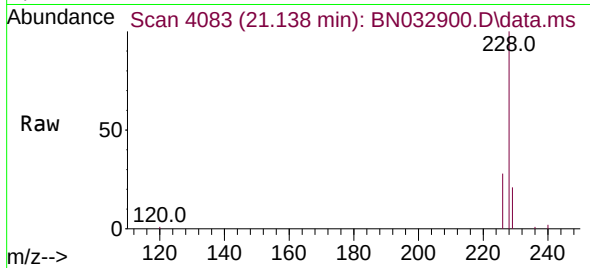
Tgt Ion:202 Resp: 173728
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.5 9.6 14.4





#21
Benzo(a)anthracene
Concen: 3.646 ng/ul
RT: 21.138 min Scan# 4087
Delta R.T. -0.012 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11

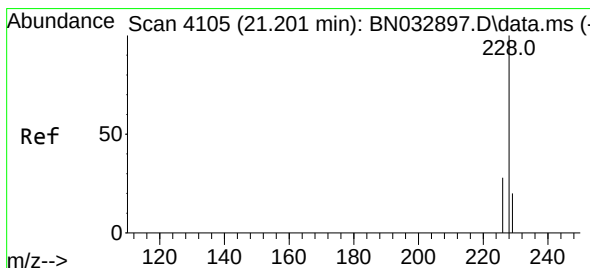
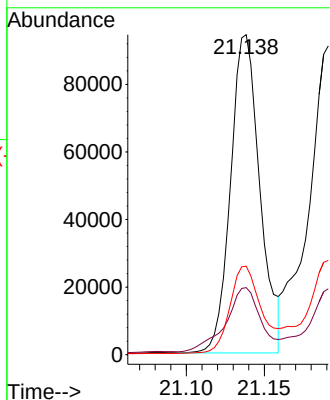
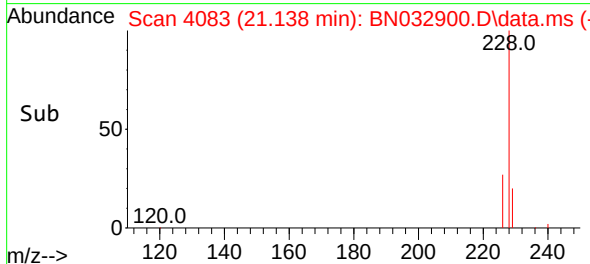
Instrument :
BNA_N
ClientSampleId :
A4BD3



Tgt Ion:228 Resp: 122983
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.7 21.9 32.9

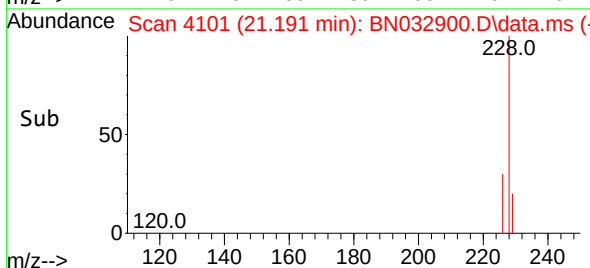
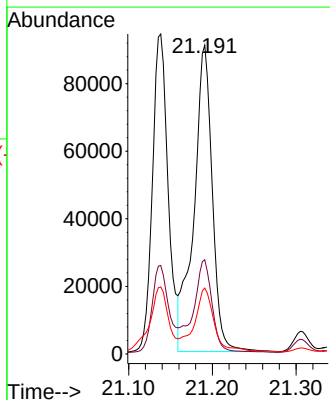
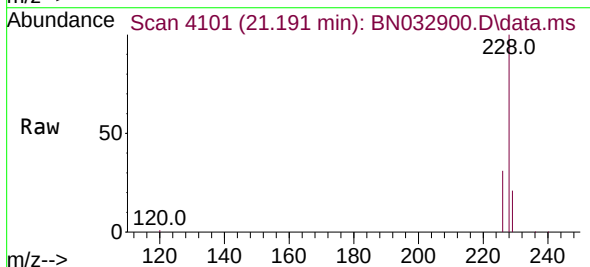
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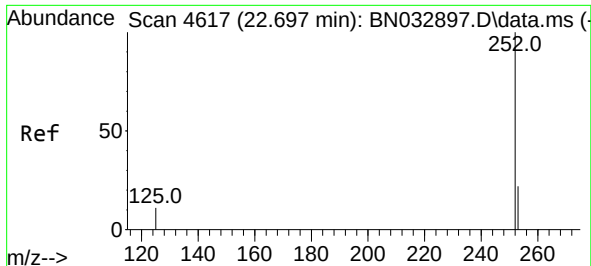
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 2.841 ng/ul
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11

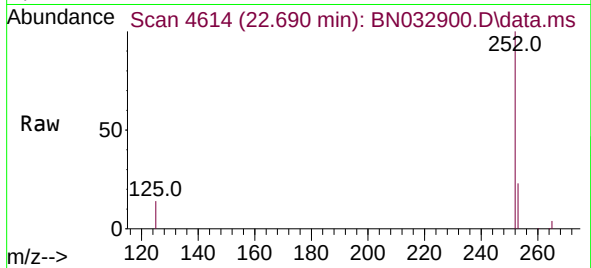
Tgt Ion:228 Resp: 138627
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 21.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.651 ng/ul m
RT: 22.690 min Scan# 4617
Delta R.T. -0.009 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11

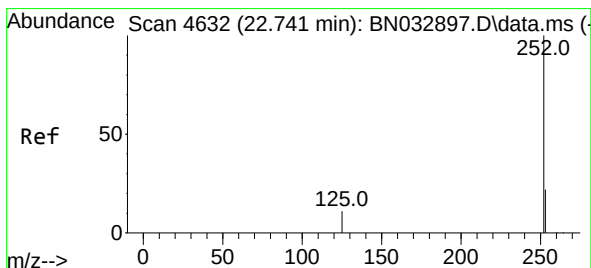
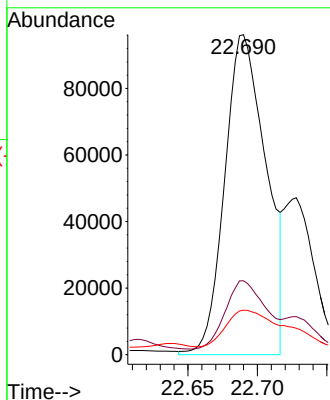
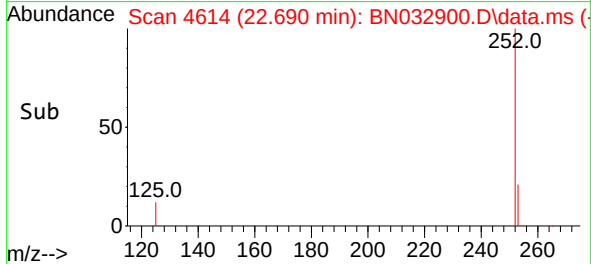
Instrument :
BNA_N
ClientSampleId :
A4BD3



Tgt Ion:252 Resp: 19882
Ion Ratio Lower Upper
252 100
253 23.1 0.0 54.0
125 13.9 0.0 36.0

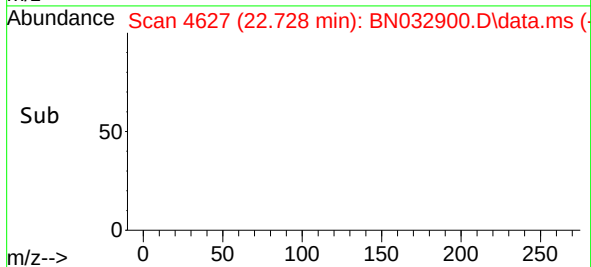
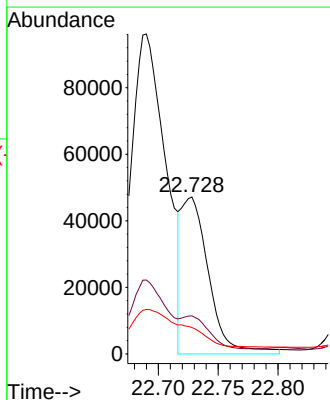
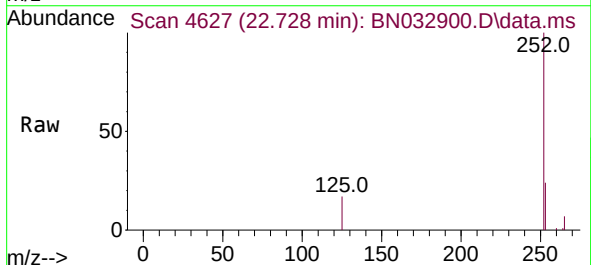
Manual Integrations
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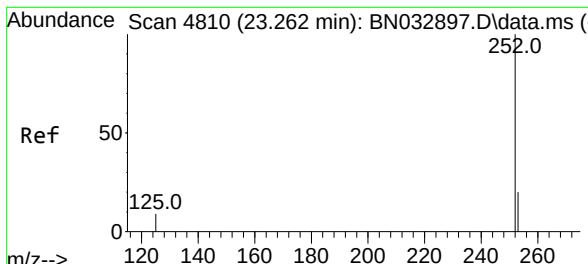
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#25
Benzo(k)fluoranthene
Concen: 1.449 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11

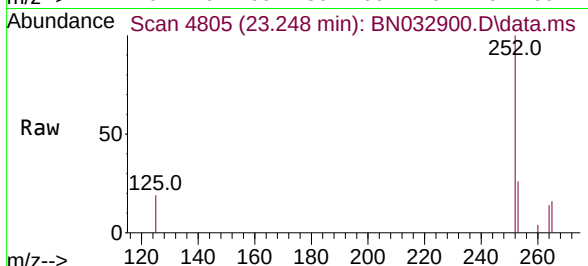
Tgt Ion:252 Resp: 75498
Ion Ratio Lower Upper
252 100
253 24.3 21.2 31.8
125 16.8 14.8 22.2





#26
 Benzo(a)pyrene
 Concen: 1.423 ng/ul
 RT: 23.248 min Scan# 4810
 Delta R.T. -0.015 min
 Lab File: BN032900.D
 Acq: 22 Jul 2024 19:11

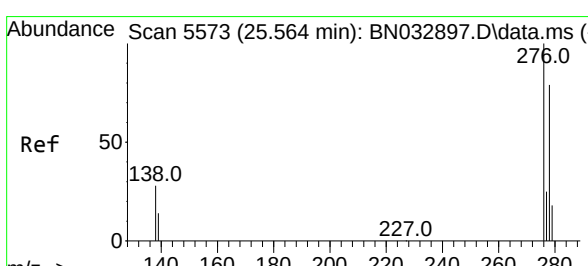
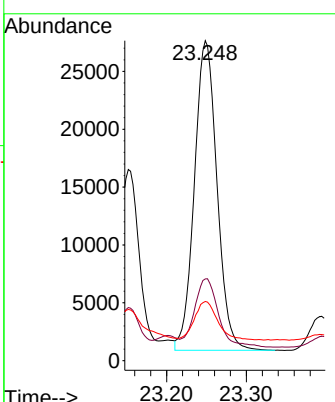
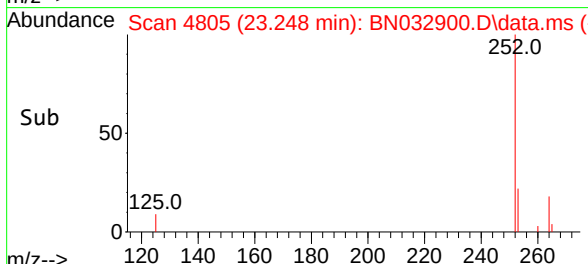
Instrument : BNA_N
 ClientSampleId : A4BD3



Tgt Ion: 252 Resp: 5265

Ion	Ratio	Lower	Upper
252	100		
253	25.6	25.4	38.0
125	18.5	20.6	30.8

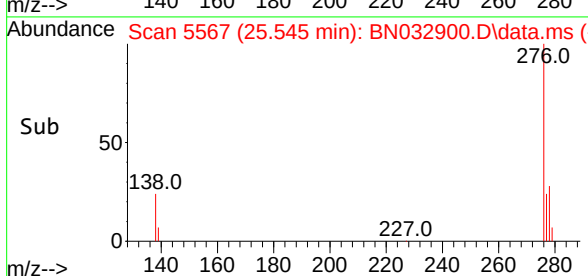
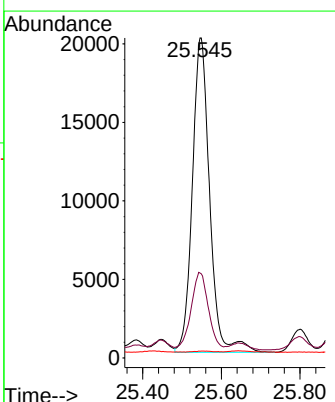
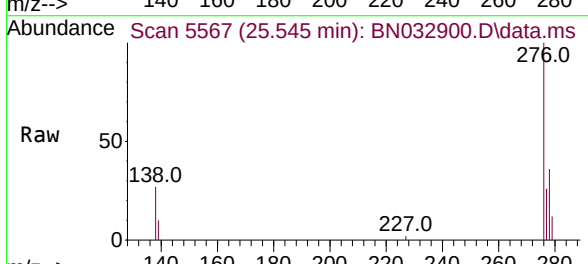
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

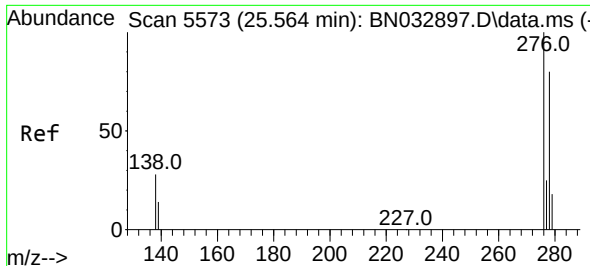


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.221 ng/ul
 RT: 25.545 min Scan# 5567
 Delta R.T. -0.024 min
 Lab File: BN032900.D
 Acq: 22 Jul 2024 19:11

Tgt Ion: 276 Resp: 61169

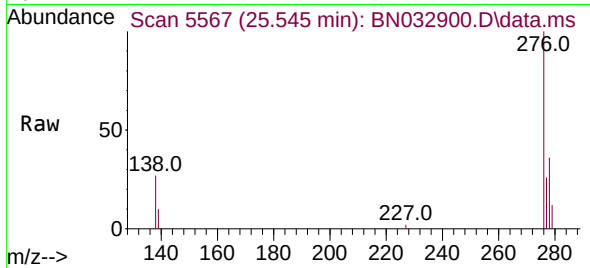
Ion	Ratio	Lower	Upper
276	100		
138	23.7	21.6	32.4
227	0.4	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.600 ng/ul
RT: 25.545 min Scan# 51
Delta R.T. -0.024 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11

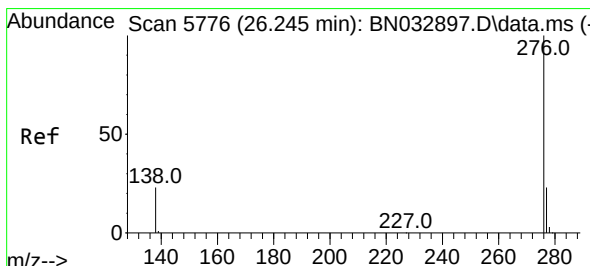
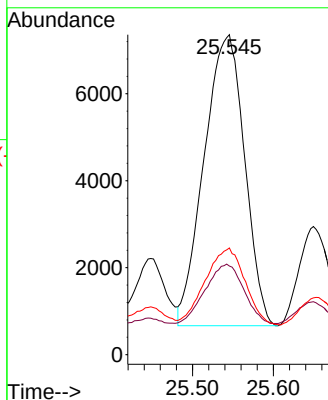
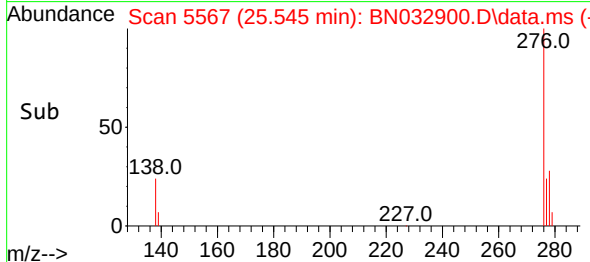
Instrument :
BNA_N
ClientSampleId :
A4BD3



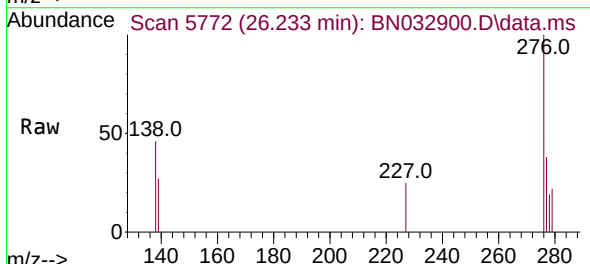
Tgt Ion:278 Resp: 23284
Ion Ratio Lower Upper
278 100
139 27.7 16.6 24.8#
279 33.3 23.7 35.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.191 ng/ul
RT: 26.233 min Scan# 5772
Delta R.T. -0.017 min
Lab File: BN032900.D
Acq: 22 Jul 2024 19:11



Tgt Ion:276 Resp: 8013
Ion Ratio Lower Upper
276 100
138 46.3 21.0 31.4#
277 38.0 20.6 31.0#

