

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032893.D
 Acq On : 22 Jul 2024 14:58
 Operator : MA/JU
 Sample : P3215-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ6

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 16:05:55 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	4346	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.288	136	13346	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.174	164	6958	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	13816m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	10782m	0.400	ng/ul	-0.01
23) Perylene-d12	23.345	264	11657m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	16135	3.092	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	3812	0.189	ng/ul	-0.03
18) Fluoranthene-d10	18.976	212	6442	0.183	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.338	128	8179	0.228	ng/ul	99
7) 2-Methylnaphthalene	11.977	142	2889	0.129	ng/ul	98
8) 1-Methylnaphthalene	12.197	142	2761	0.119	ng/ul	100
10) Acenaphthylene	13.892	152	11299	0.402	ng/ul	98
11) Acenaphthene	14.235	153	11965	0.515	ng/ul	99
12) Fluorene	15.234	166	12711	0.478	ng/ul	100
15) Phenanthrene	16.974	178	210982m	5.607	ng/ul	
16) Anthracene	17.071	178	45626m	1.484	ng/ul	
19) Fluoranthene	19.008	202	295267	6.736	ng/ul	98
20) Pyrene	19.375	202	251104	5.534	ng/ul	98
21) Benzo(a)anthracene	21.136	228	144872	4.221	ng/ul	99
22) Chrysene	21.191	228	147936m	2.980	ng/ul	
24) Benzo(b)fluoranthene	22.690	252	177916m	4.326	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	70621m	1.409	ng/ul	
26) Benzo(a)pyrene	23.246	252	76889	2.160	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.549	276	68509	1.421	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.546	278	21758	0.582	ng/ul#	92
29) Benzo(g,h,i)perylene	26.226	276	9126	0.227	ng/ul#	80

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

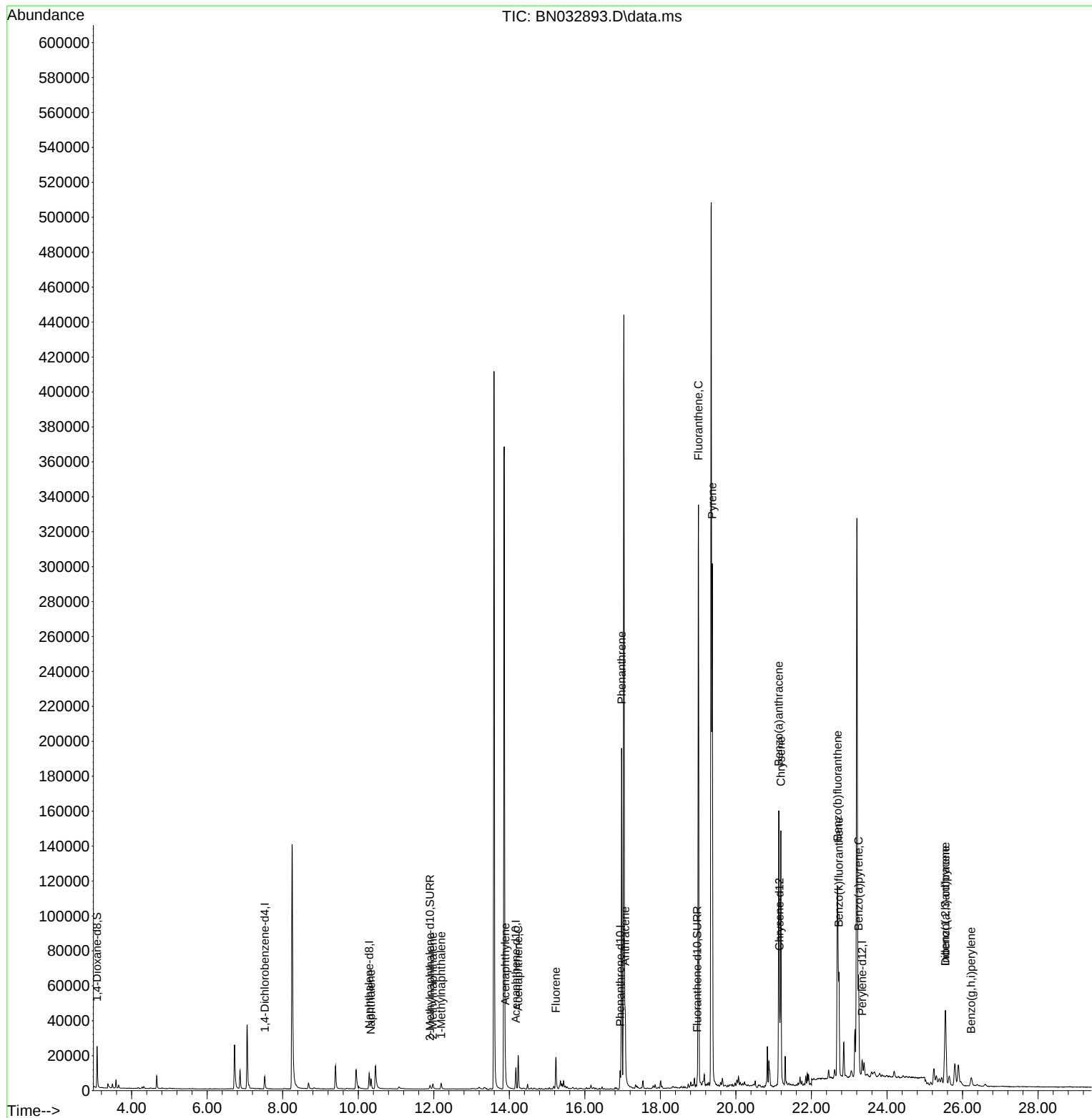
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032893.D
Acq On : 22 Jul 2024 14:58
Operator : MA/JU
Sample : P3215-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

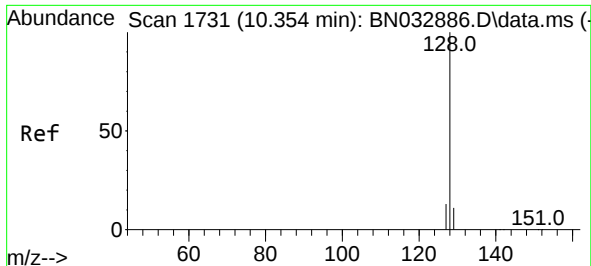
Instrument :
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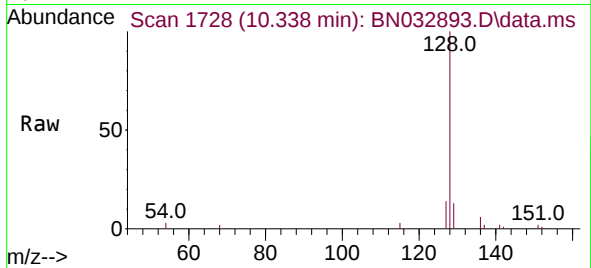
Quant Time: Jul 22 16:05:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.228 ng/ul
RT: 10.338 min Scan# 1728
Delta R.T. -0.026 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

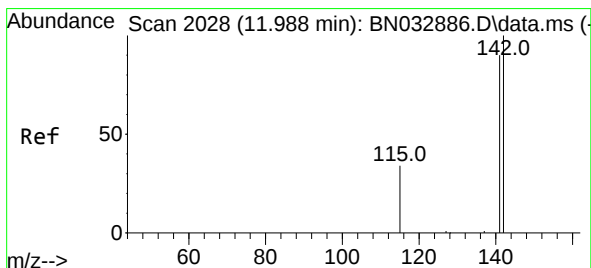
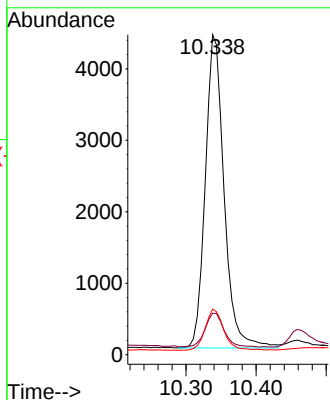
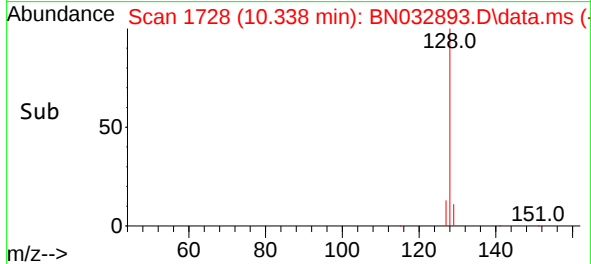
Instrument :
BNA_N
ClientSampleId :
A4CJ6



Tgt Ion:128 Resp: 8179
Ion Ratio Lower Upper
128 100
129 13.0 10.0 15.0
127 14.3 11.6 17.4

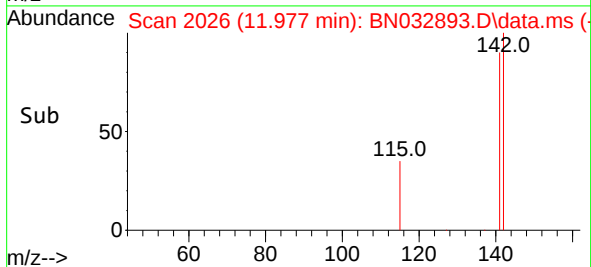
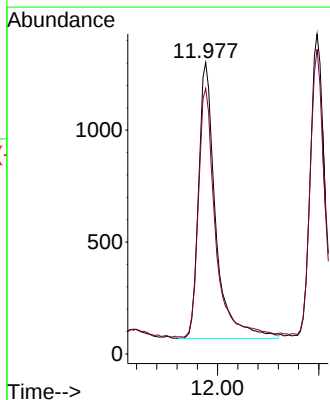
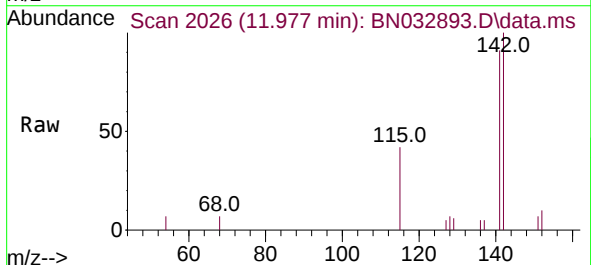
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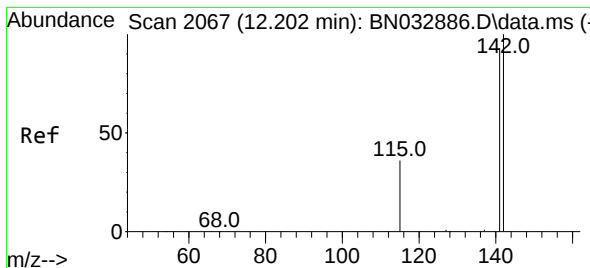
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#7
2-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.020 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

Tgt Ion:142 Resp: 2889
Ion Ratio Lower Upper
142 100
141 90.7 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.119 ng/ul

RT: 12.197 min Scan# 2066

Delta R.T. -0.015 min

Lab File: BN032893.D

Acq: 22 Jul 2024 14:58

Instrument :

BNA_N

ClientSampleId :

A4CJ6

Tgt Ion:142 Resp: 276

Ion Ratio Lower Upper

142 100

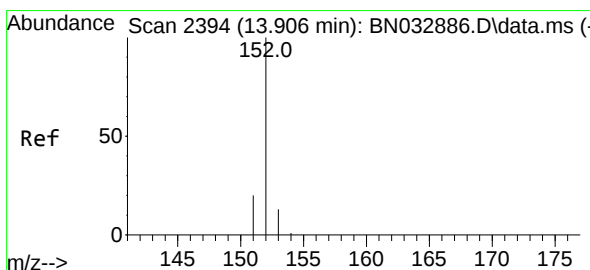
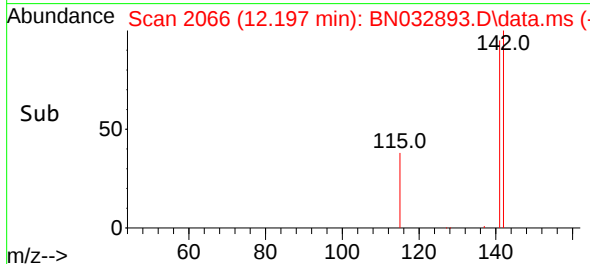
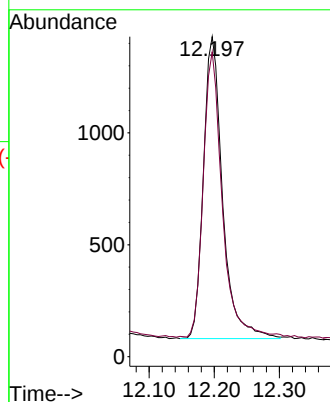
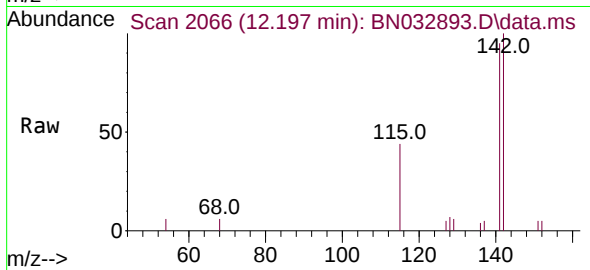
141 93.6 75.0 112.4

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Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/23/2024



#10

Acenaphthylene

Concen: 0.402 ng/ul

RT: 13.892 min Scan# 2391

Delta R.T. -0.022 min

Lab File: BN032893.D

Acq: 22 Jul 2024 14:58

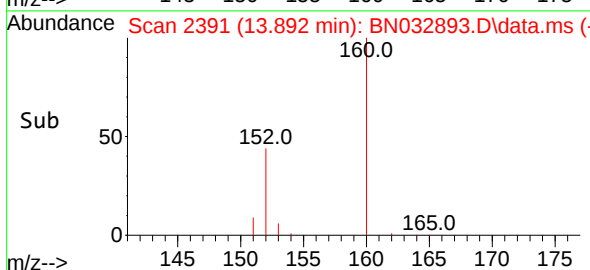
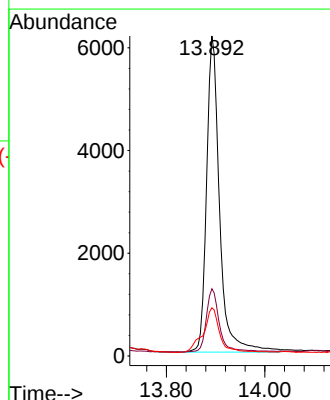
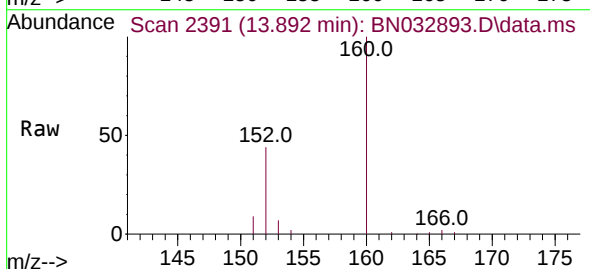
Tgt Ion:152 Resp: 11299

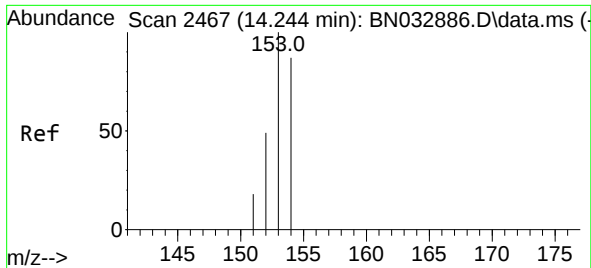
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

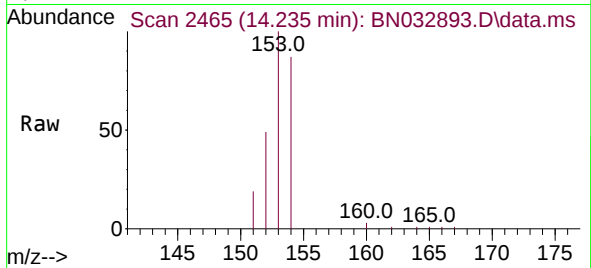
153 15.1 11.3 16.9





#11
Acenaphthene
Concen: 0.515 ng/ul
RT: 14.235 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

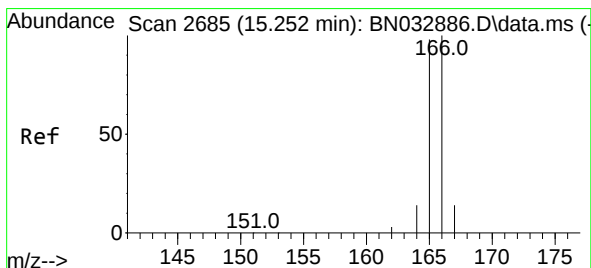
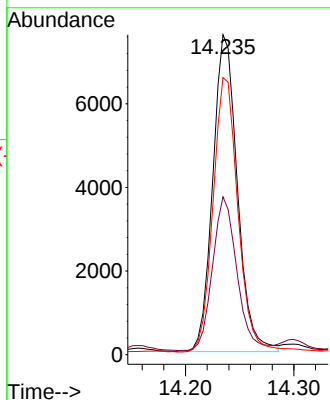
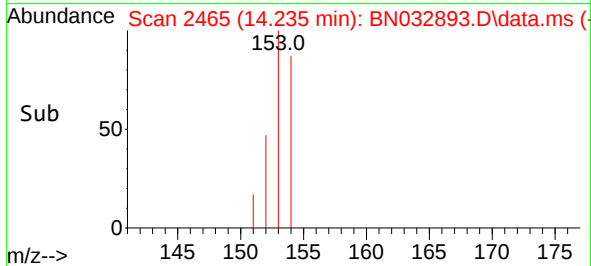
Instrument :
BNA_N
ClientSampleId :
A4CJ6



Tgt Ion:153 Resp: 11968
Ion Ratio Lower Upper
153 100
152 49.4 40.0 60.0
154 86.6 70.2 105.4

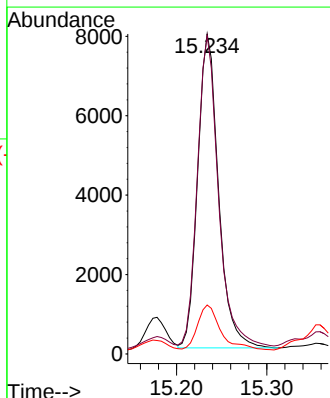
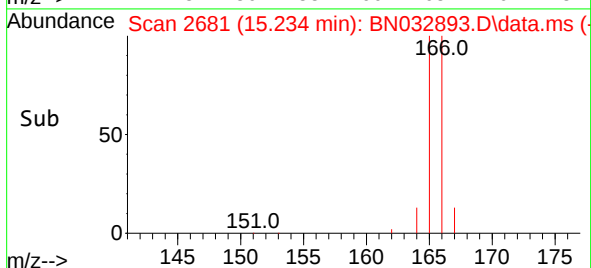
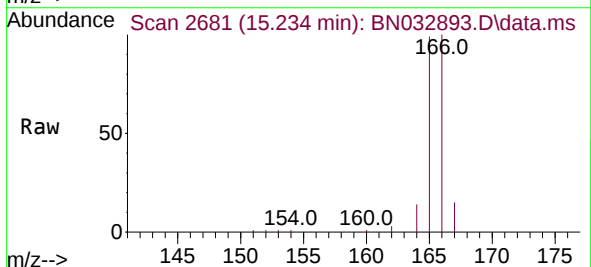
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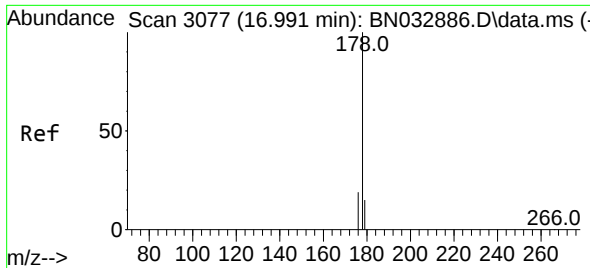
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.478 ng/ul
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

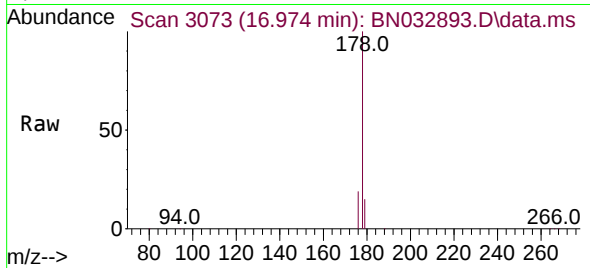
Tgt Ion:166 Resp: 12711
Ion Ratio Lower Upper
166 100
165 99.5 79.7 119.5
167 15.3 11.4 17.2





#15
Phenanthrene
Concen: 5.607 ng/ul m
RT: 16.974 min Scan# 3073
Delta R.T. -0.028 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

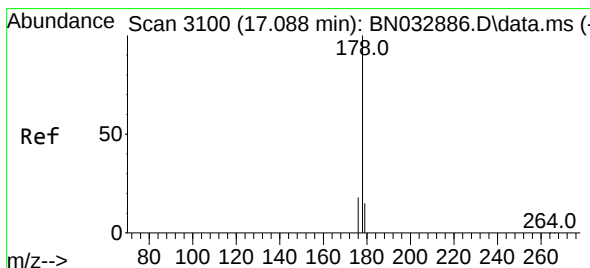
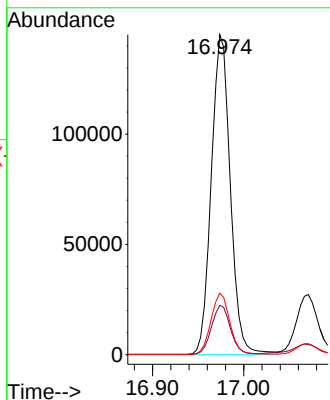
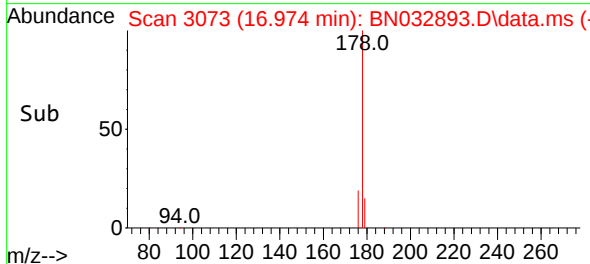
Instrument :
BNA_N
ClientSampleId :
A4CJ6



Tgt Ion:178 Resp: 21098
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.2 15.6 23.4

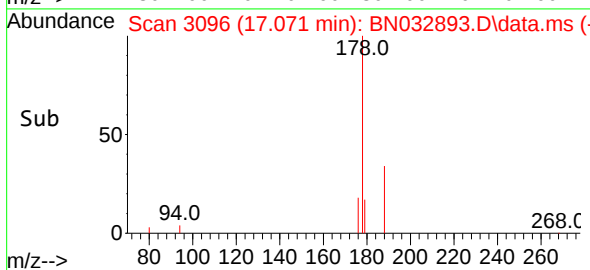
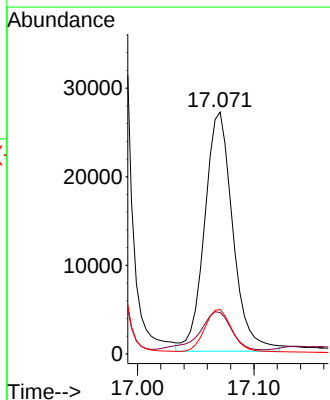
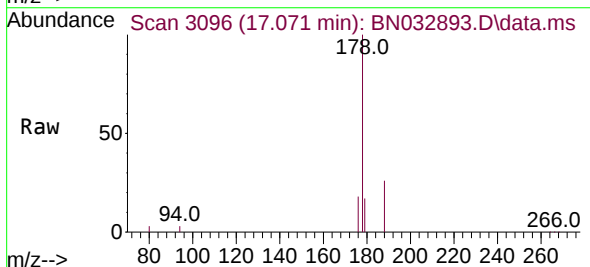
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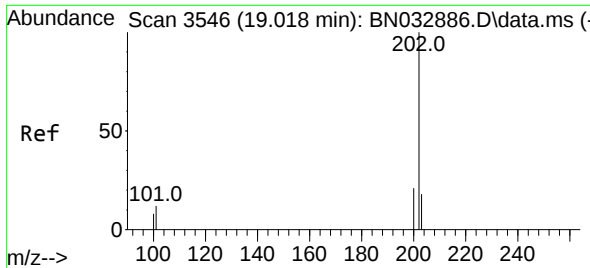
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#16
Anthracene
Concen: 1.484 ng/ul m
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

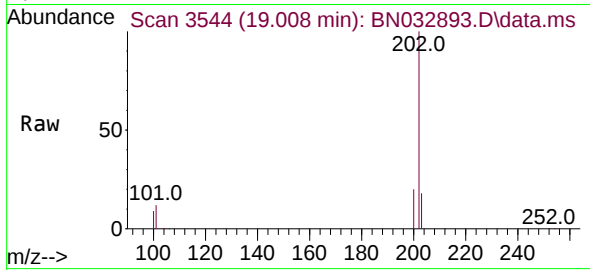
Tgt Ion:178 Resp: 45626
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.2
176 18.4 15.4 23.0





#19
Fluoranthene
Concen: 6.736 ng/u1
RT: 19.008 min Scan# 3546
Delta R.T. -0.017 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

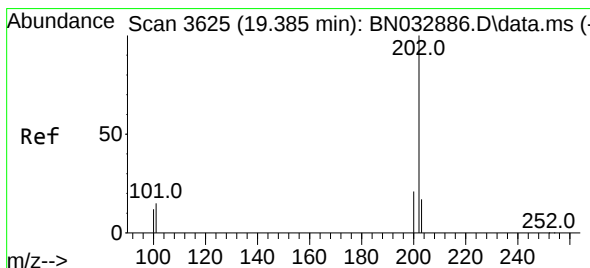
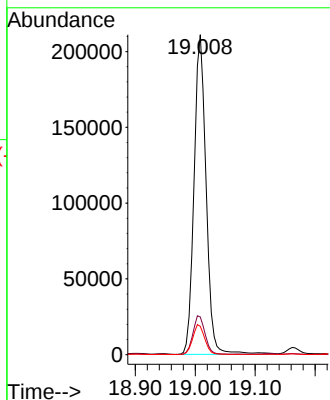
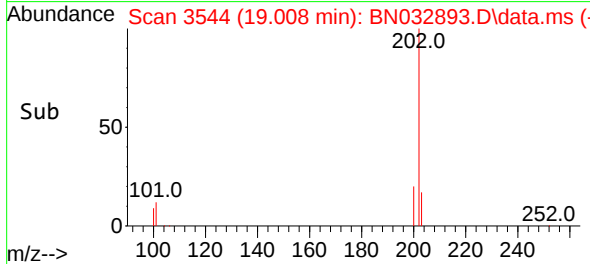
Instrument :
BNA_N
ClientSampleId :
A4CJ6



Tgt Ion:202 Resp: 29526
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.9 7.9 11.9

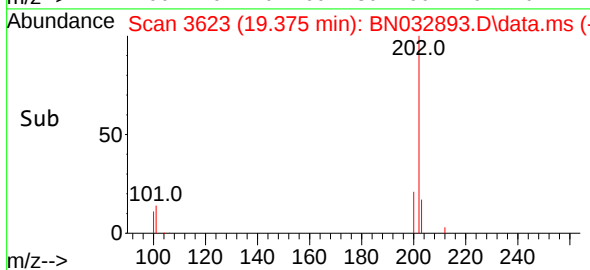
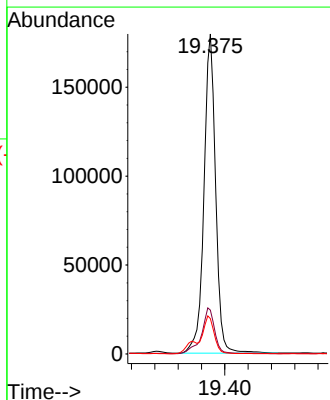
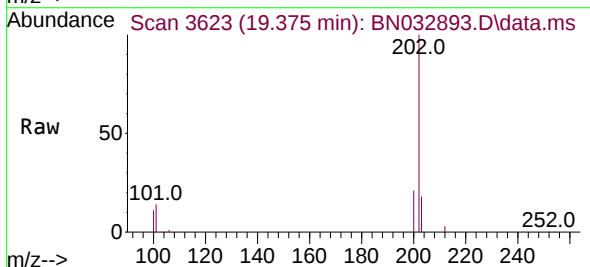
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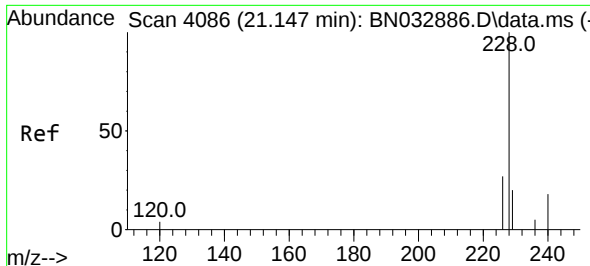
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#20
Pyrene
Concen: 5.534 ng/u1
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

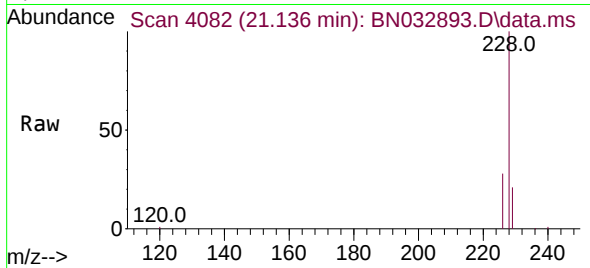
Tgt Ion:202 Resp: 251104
Ion Ratio Lower Upper
202 100
101 13.7 11.8 17.6
100 11.1 9.6 14.4





#21
Benzo(a)anthracene
Concen: 4.221 ng/ul
RT: 21.136 min Scan# 4086
Delta R.T. -0.015 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

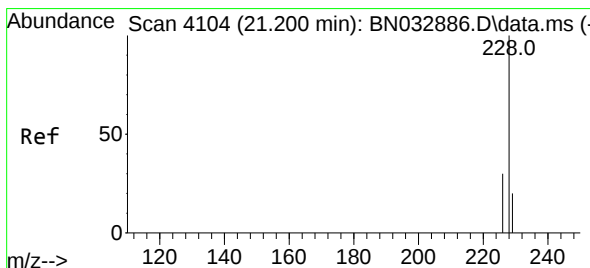
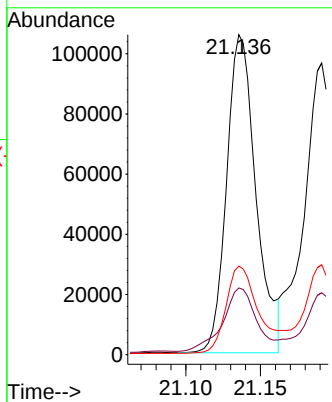
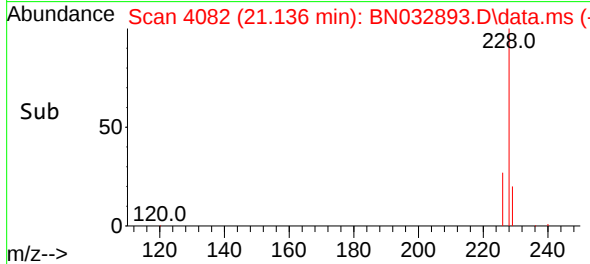
Instrument :
BNA_N
ClientSampleId :
A4CJ6



Tgt Ion:228 Resp: 144872
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.6 21.9 32.9

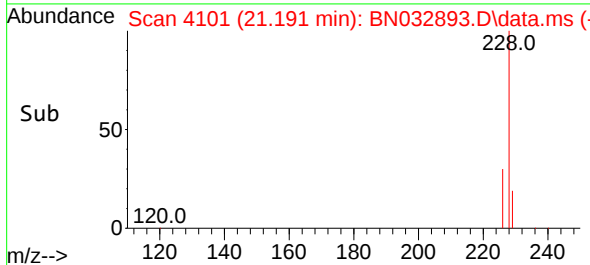
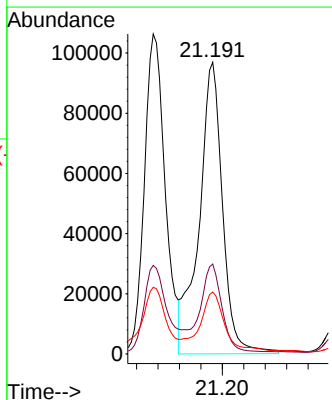
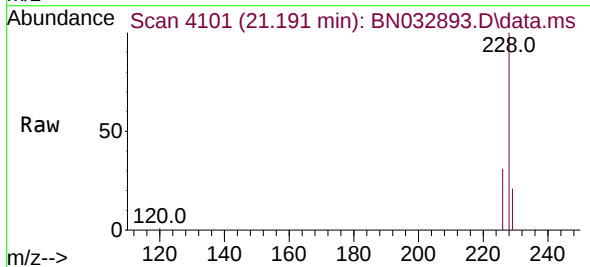
Manual Integrations
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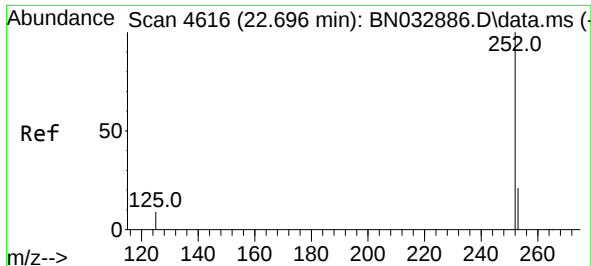
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 2.980 ng/ul m
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

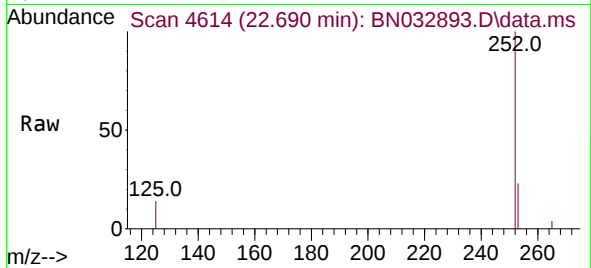
Tgt Ion:228 Resp: 147936
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 21.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.326 ng/ul m
RT: 22.690 min Scan# 4616
Delta R.T. -0.009 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

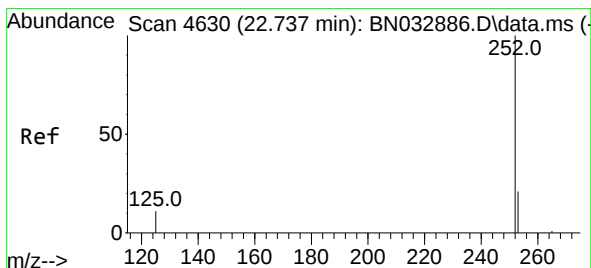
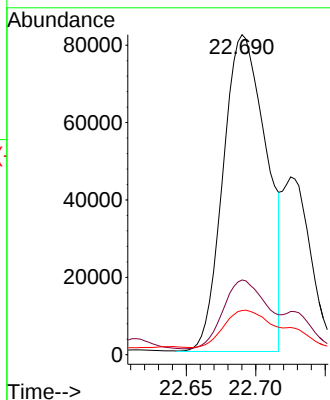
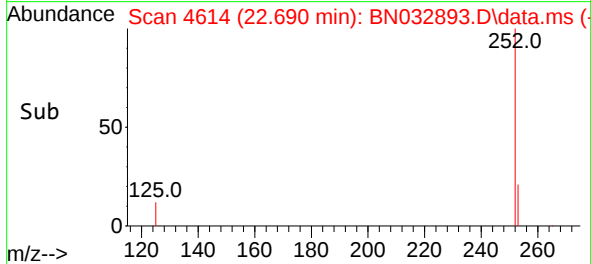
Instrument :
BNA_N
ClientSampleId :
A4CJ6



Tgt Ion:252 Resp: 177910
Ion Ratio Lower Upper
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253 23.4 0.0 54.0
125 13.8 0.0 36.0

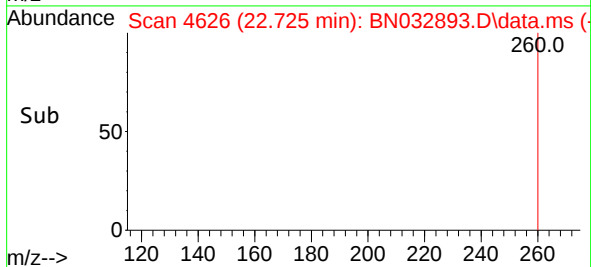
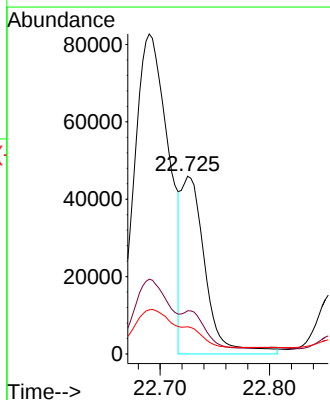
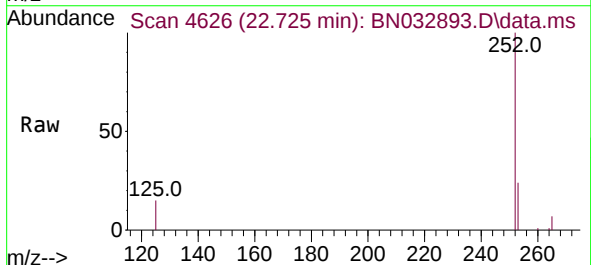
Manual Integrations
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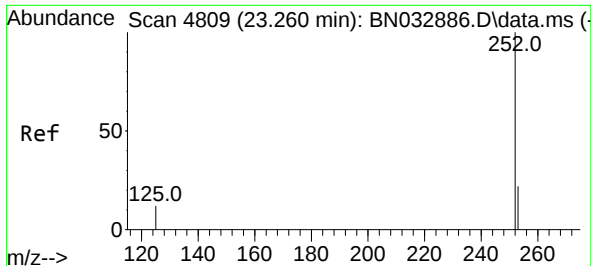
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#25
Benzo(k)fluoranthene
Concen: 1.409 ng/ul m
RT: 22.725 min Scan# 4626
Delta R.T. -0.015 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

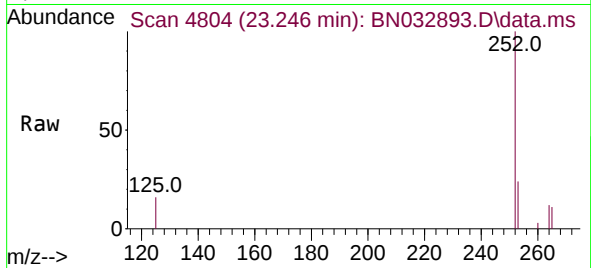
Tgt Ion:252 Resp: 70621
Ion Ratio Lower Upper
252 100
253 24.3 21.2 31.8
125 15.3 14.8 22.2





#26
Benzo(a)pyrene
Concen: 2.160 ng/ul
RT: 23.246 min Scan# 4804
Delta R.T. -0.018 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

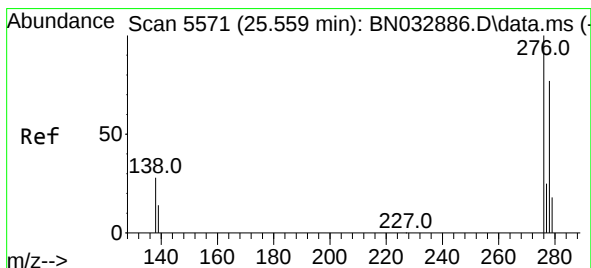
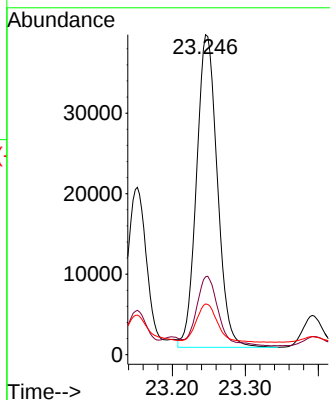
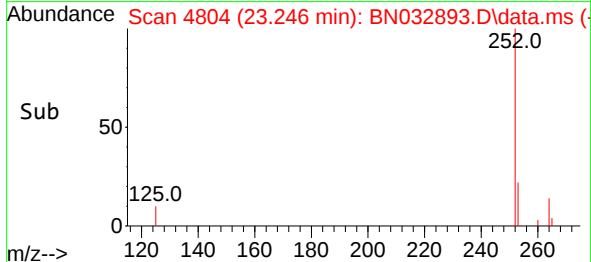
Instrument :
BNA_N
ClientSampleId :
A4CJ6



Tgt Ion:252 Resp: 76889
Ion Ratio Lower Upper
252 100
253 24.3 25.4 38.0
125 15.9 20.6 30.8

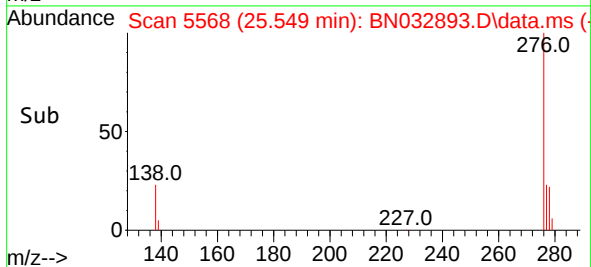
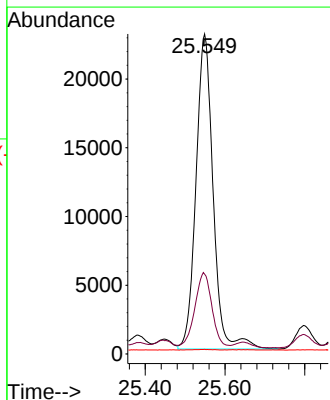
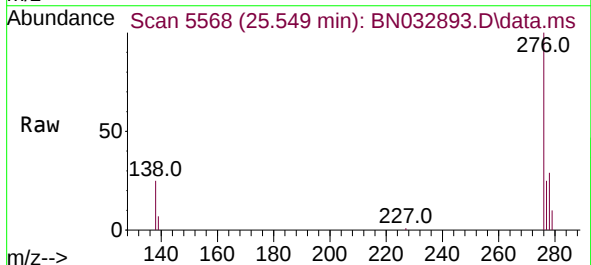
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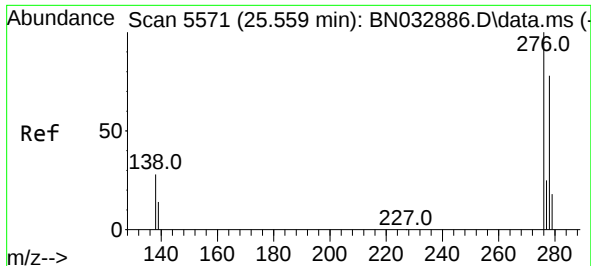
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.421 ng/ul
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

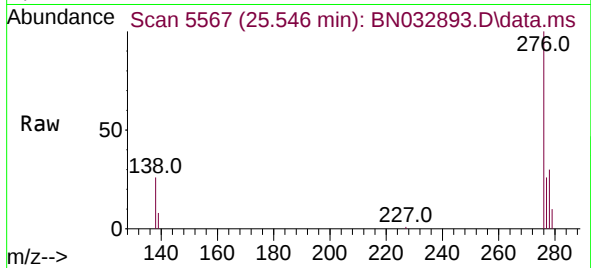
Tgt Ion:276 Resp: 68509
Ion Ratio Lower Upper
276 100
138 22.7 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.582 ng/ul
RT: 25.546 min Scan# 5175
Delta R.T. -0.024 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

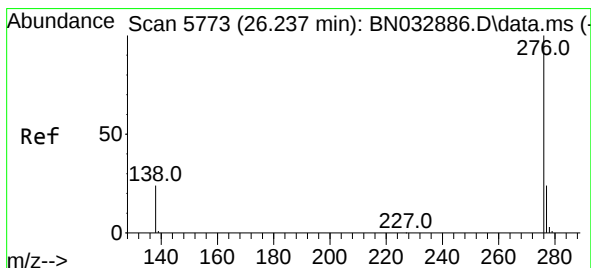
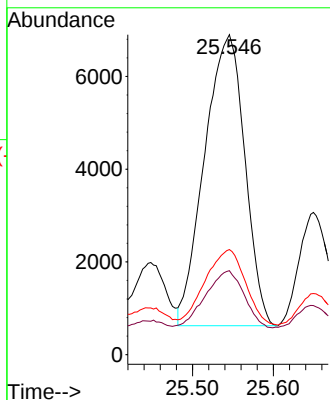
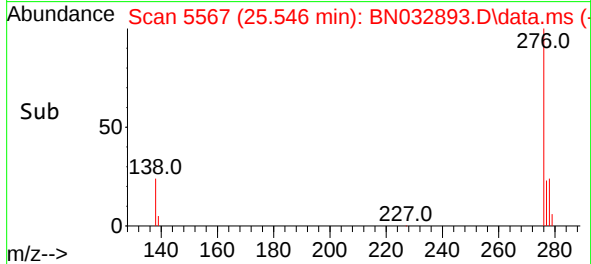
Instrument :
BNA_N
ClientSampleId :
A4CJ6



Tgt Ion:278 Resp: 21758
Ion Ratio Lower Upper
278 100
139 26.3 16.6 24.8#
279 32.9 23.7 35.5#

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



#29
Benzo(g,h,i)perylene
Concen: 0.227 ng/ul
RT: 26.226 min Scan# 5770
Delta R.T. -0.024 min
Lab File: BN032893.D
Acq: 22 Jul 2024 14:58

Tgt Ion:276 Resp: 9126
Ion Ratio Lower Upper
276 100
138 36.4 21.0 31.4#
277 35.6 20.6 31.0#

