

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032888.D
 Acq On : 22 Jul 2024 11:58
 Operator : MA/JU
 Sample : P3215-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D24

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 12:32:19 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	4248	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.288	136	14433	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.174	164	8546	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	14702m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	10773m	0.400	ng/ul	0.00
23) Perylene-d12	23.345	264	11811m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	13238	2.595	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	3994	0.183	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	6732	0.192	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.338	128	3522	0.091	ng/ul#	94
7) 2-Methylnaphthalene	11.977	142	1119	0.046	ng/ul	95
8) 1-Methylnaphthalene	12.197	142	716	0.029	ng/ul	100
10) Acenaphthylene	13.892	152	4659	0.135	ng/ul#	91
11) Acenaphthene	14.239	153	1221	0.043	ng/ul	97
12) Fluorene	15.234	166	2250	0.069	ng/ul#	96
15) Phenanthrene	16.974	178	21774m	0.544	ng/ul	
16) Anthracene	17.071	178	5759m	0.176	ng/ul	
19) Fluoranthene	19.008	202	45566	1.040	ng/ul	99
20) Pyrene	19.375	202	46750	1.031	ng/ul	99
21) Benzo(a)anthracene	21.141	228	20627	0.602	ng/ul#	91
22) Chrysene	21.194	228	26830	0.541	ng/ul#	93
24) Benzo(b)fluoranthene	22.693	252	31773m	0.762	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	11230m	0.221	ng/ul	
26) Benzo(a)pyrene	23.245	252	21801	0.605	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.556	276	16276	0.333	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.549	278	3976	0.105	ng/ul#	30
29) Benzo(g,h,i)perylene	26.233	276	16726	0.410	ng/ul	93

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

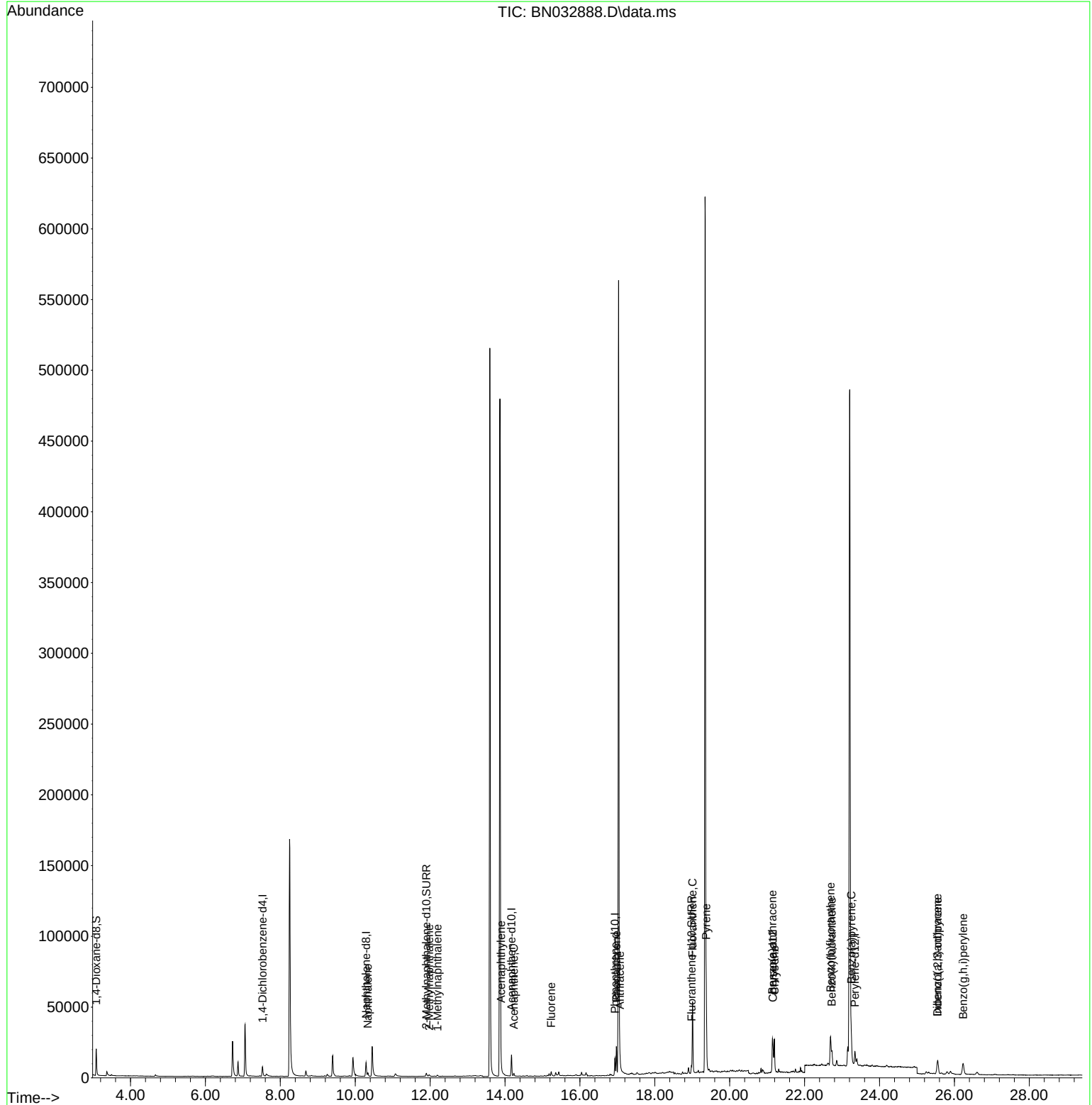
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032888.D
Acq On : 22 Jul 2024 11:58
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ALS Vial : 4 Sample Multiplier: 1

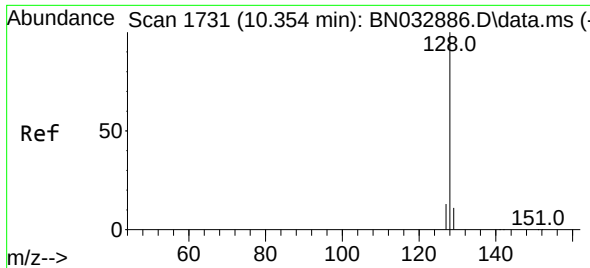
Instrument :
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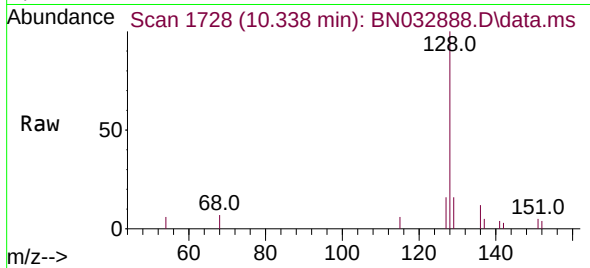
Quant Time: Jul 22 12:32:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.091 ng/ul
RT: 10.338 min Scan# 1731
Delta R.T. -0.026 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

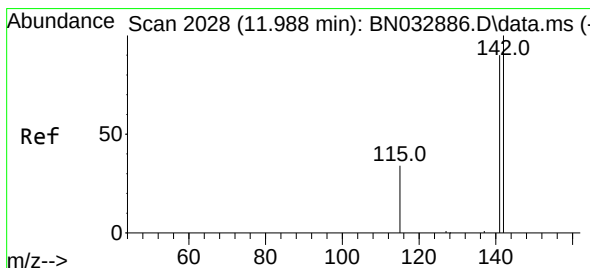
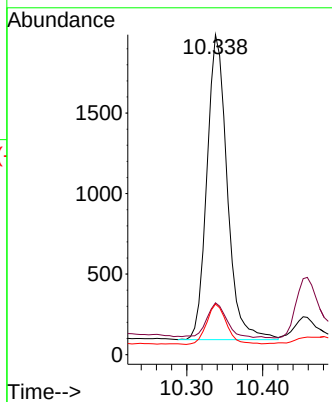
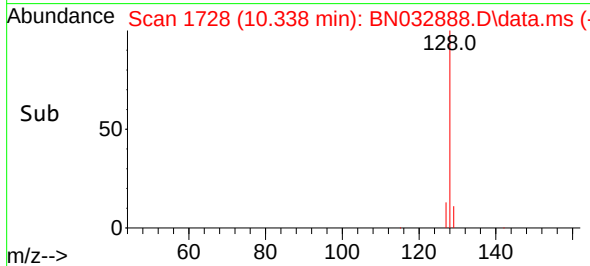
Instrument :
BNA_N
ClientSampleId :
A4D24



Tgt Ion:128 Resp: 352
Ion Ratio Lower Upper
128 100
129 16.2 10.0 15.0
127 15.8 11.6 17.4

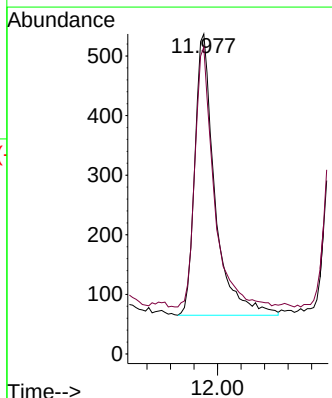
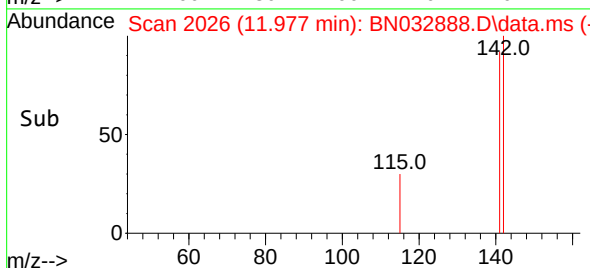
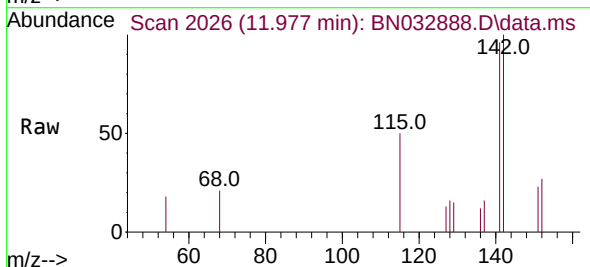
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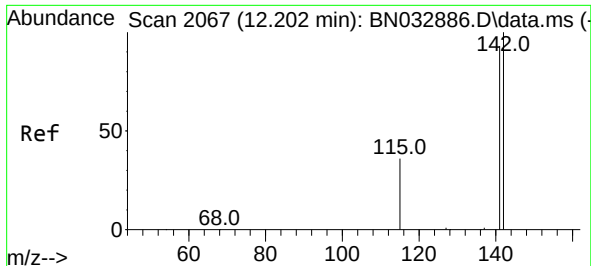
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.021 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

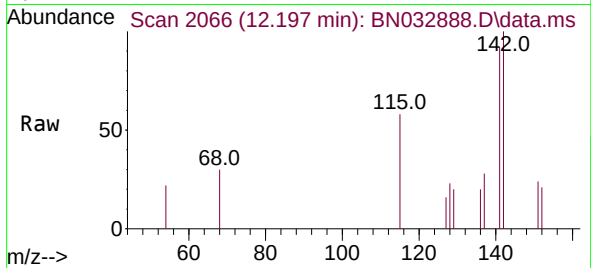
Tgt Ion:142 Resp: 1119
Ion Ratio Lower Upper
142 100
141 87.9 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

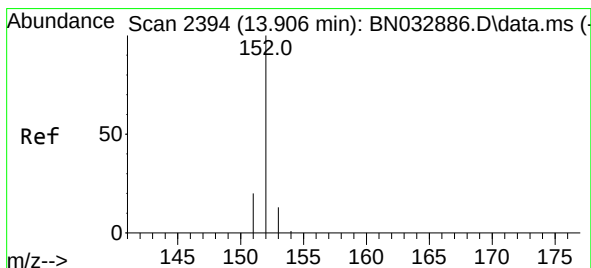
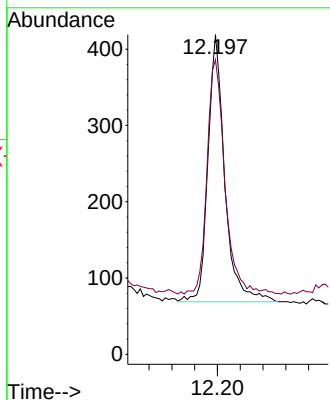
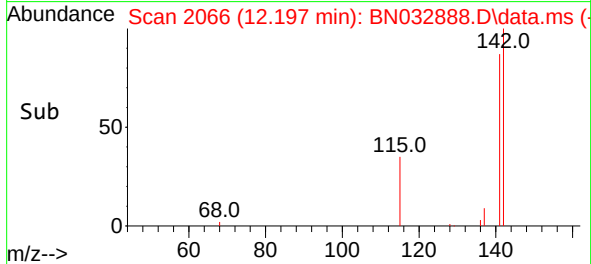
Instrument :
BNA_N
ClientSampleId :
A4D24



Tgt Ion:142 Resp: 710
Ion Ratio Lower Upper
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141 93.3 75.0 112.4

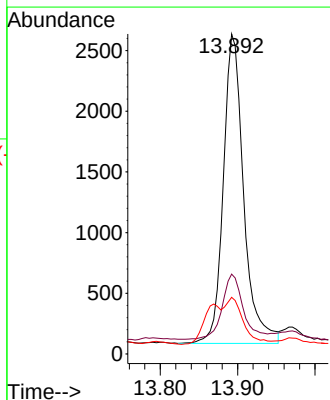
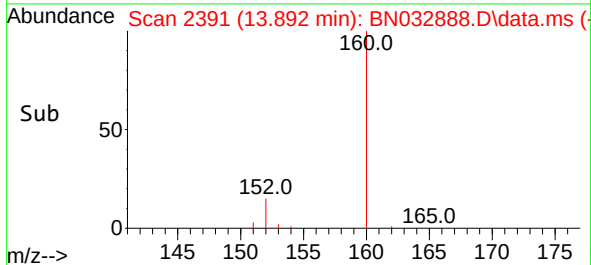
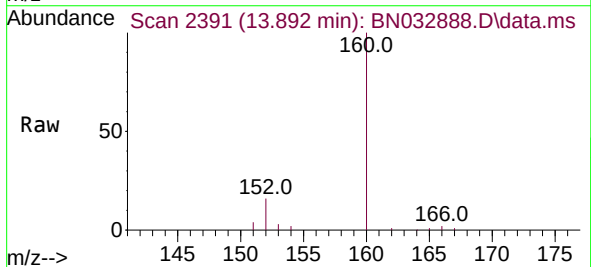
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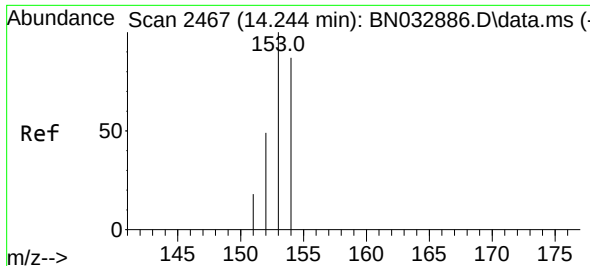
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.135 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. -0.022 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

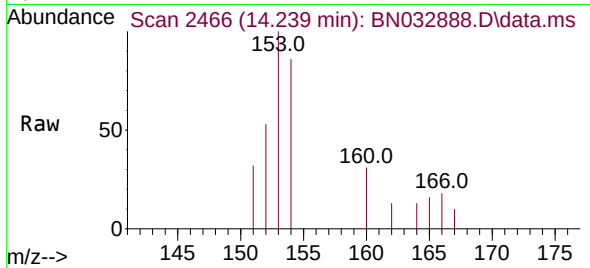
Tgt Ion:152 Resp: 4659
Ion Ratio Lower Upper
152 100
151 25.0 16.3 24.5#
153 17.7 11.3 16.9#





#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

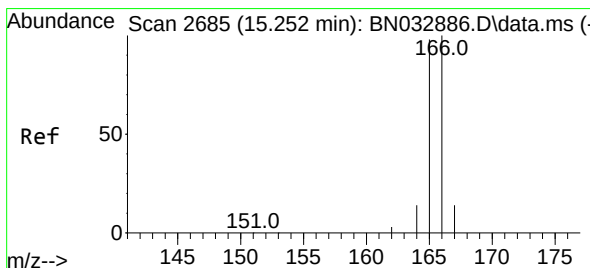
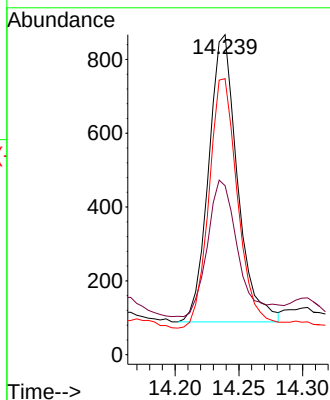
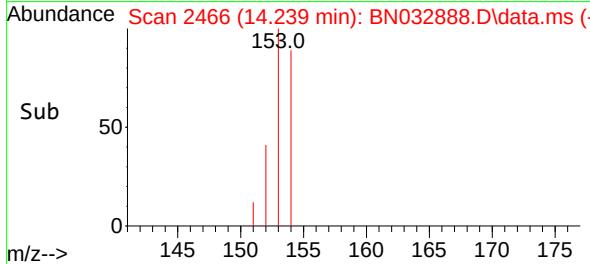
Instrument :
BNA_N
ClientSampleId :
A4D24



Tgt Ion:153 Resp: 122
Ion Ratio Lower Upper
153 100
152 52.8 40.0 60.0
154 86.3 70.2 105.4

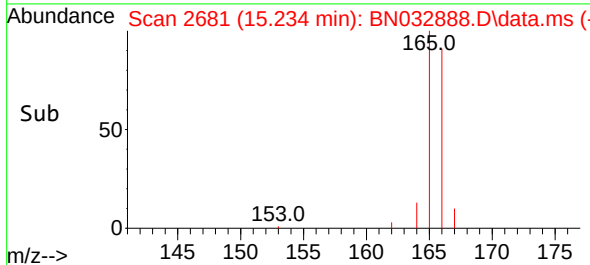
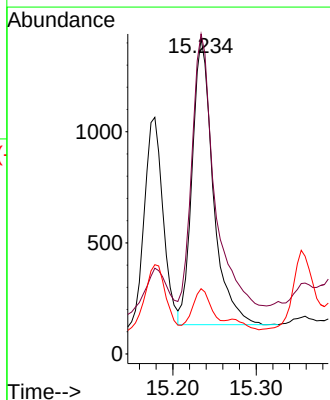
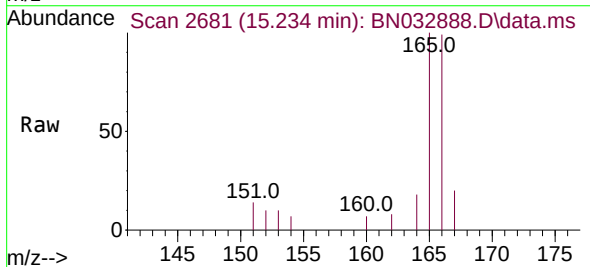
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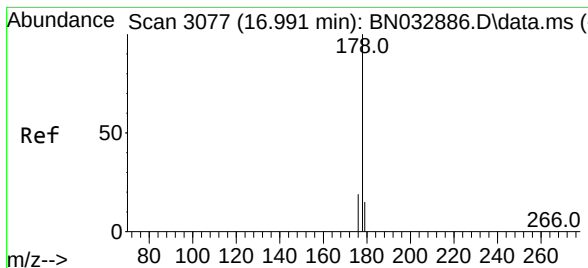
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.069 ng/u1
RT: 15.234 min Scan# 2681
Delta R.T. -0.026 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

Tgt Ion:166 Resp: 2250
Ion Ratio Lower Upper
166 100
165 101.4 79.7 119.5
167 20.7 11.4 17.2#





#15

Phenanthrene

Concen: 0.544 ng/ul m

RT: 16.974 min Scan# 3073

Delta R.T. -0.028 min

Lab File: BN032888.D

Acq: 22 Jul 2024 11:58

Instrument :

BNA_N

ClientSampleId :

A4D24

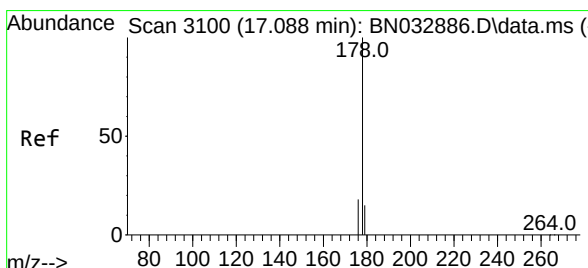
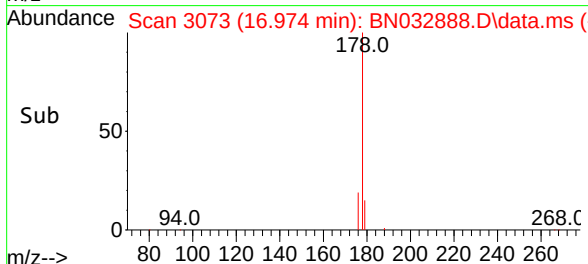
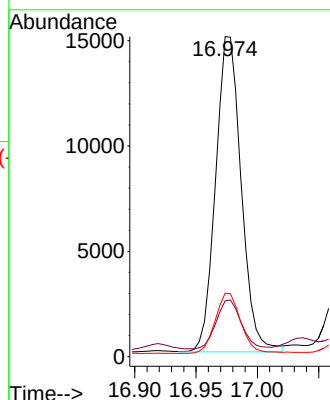
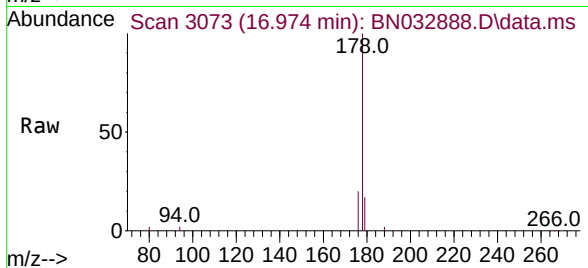
Tgt Ion:178	Resp:	21774
Ion Ratio	Lower	Upper
178	100	
179	17.4	13.0 19.4
176	19.8	15.6 23.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/23/2024



#16

Anthracene

Concen: 0.176 ng/ul m

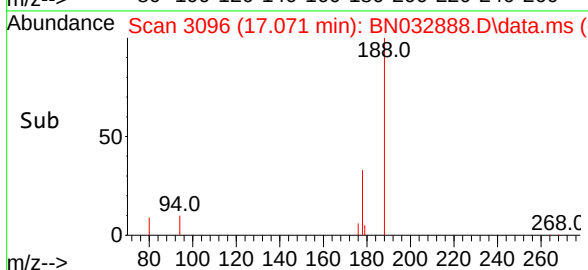
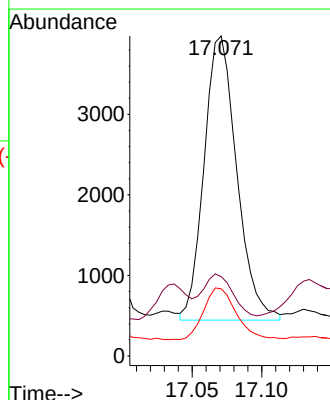
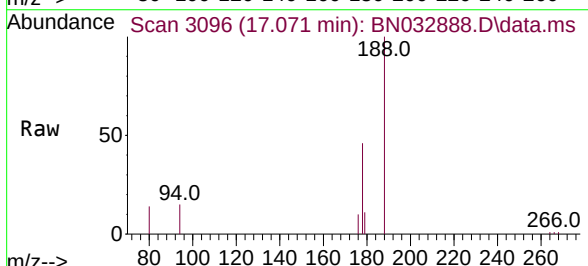
RT: 17.071 min Scan# 3096

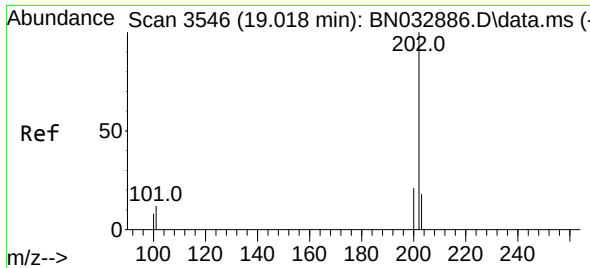
Delta R.T. -0.028 min

Lab File: BN032888.D

Acq: 22 Jul 2024 11:58

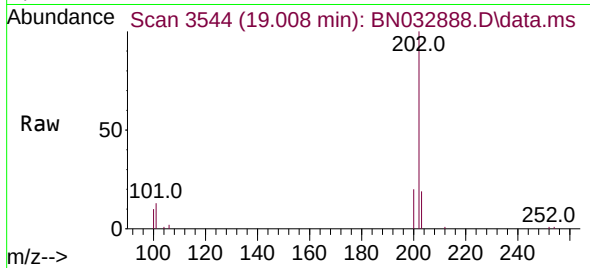
Tgt Ion:178	Resp:	5759
Ion Ratio	Lower	Upper
178	100	
179	24.8	13.4 20.2#
176	21.0	15.4 23.0





#19
Fluoranthene
Concen: 1.040 ng/ul
RT: 19.008 min Scan# 3546
Delta R.T. -0.017 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

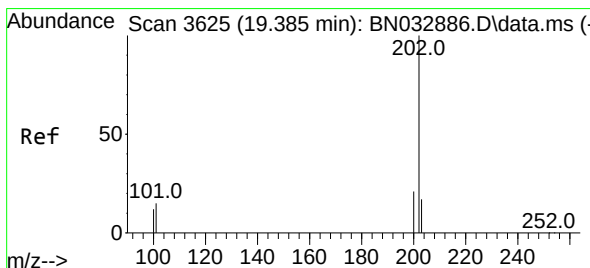
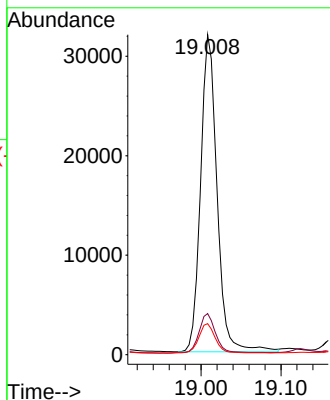
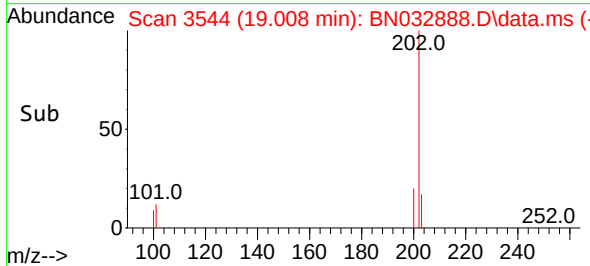
Instrument :
BNA_N
ClientSampleId :
A4D24



Tgt Ion:202 Resp: 45560
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.8
100 9.7 7.9 11.9

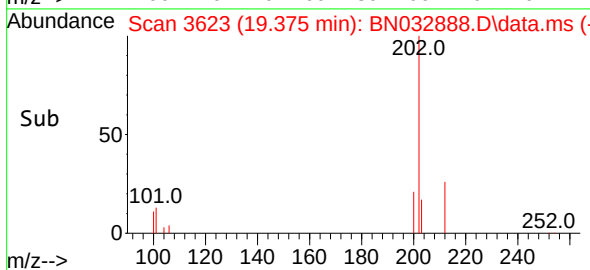
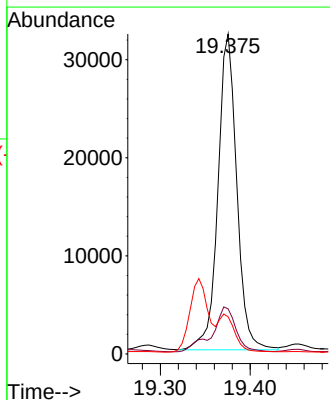
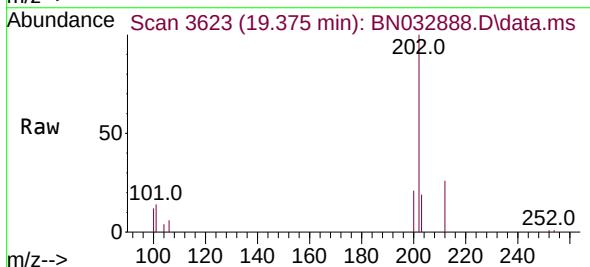
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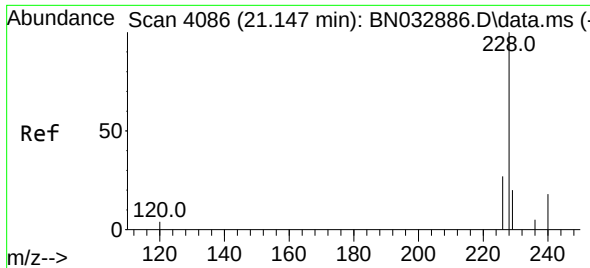
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#20
Pyrene
Concen: 1.031 ng/ul
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

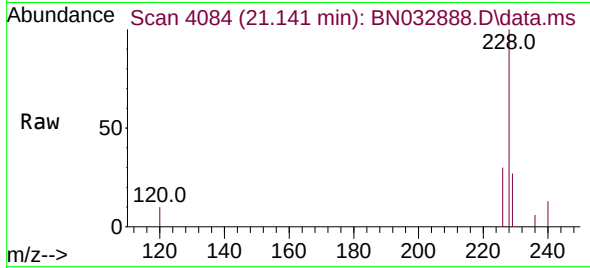
Tgt Ion:202 Resp: 46750
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 11.6 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.602 ng/ul
RT: 21.141 min Scan# 4086
Delta R.T. -0.009 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

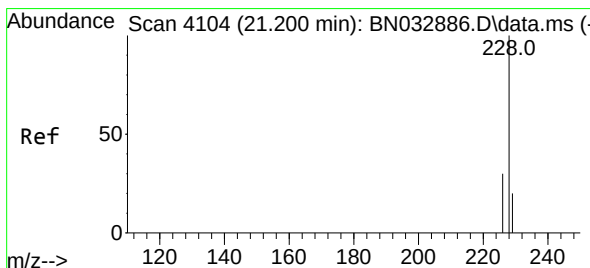
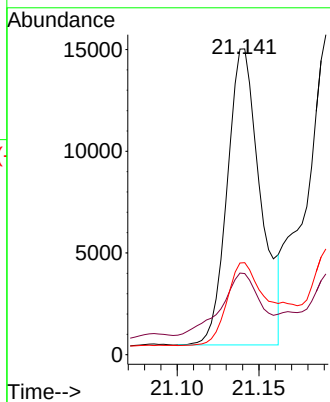
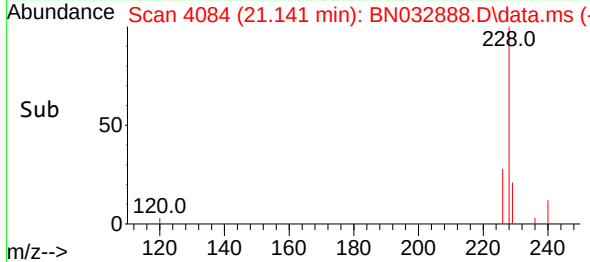
Instrument :
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Tgt Ion:228 Resp: 2062
Ion Ratio Lower Upper
228 100
229 26.5 16.1 24.1
226 30.1 21.9 32.9

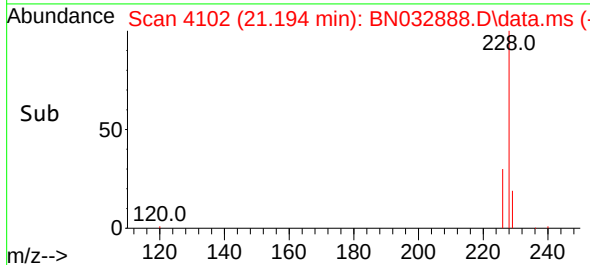
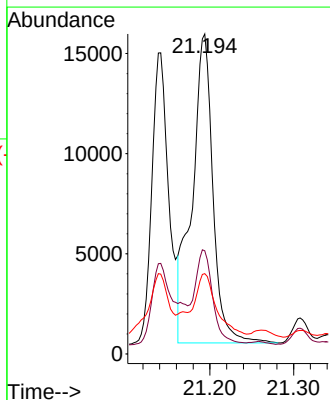
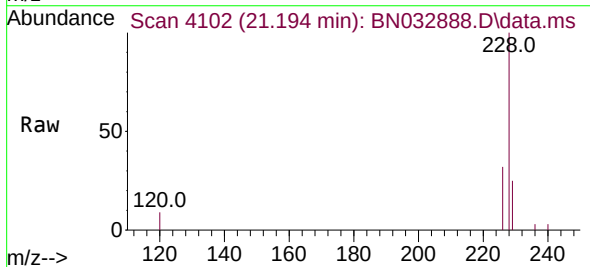
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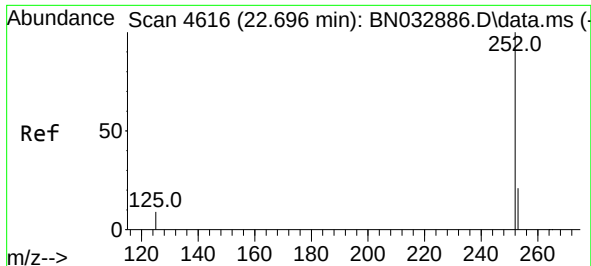
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 0.541 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. -0.009 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

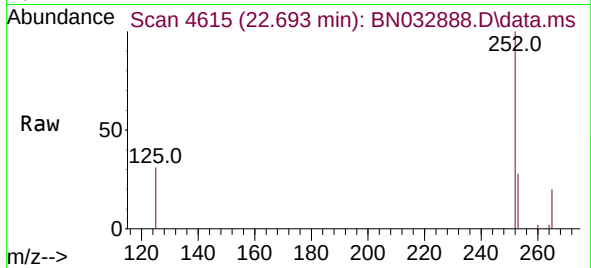
Tgt Ion:228 Resp: 26830
Ion Ratio Lower Upper
228 100
226 32.2 24.0 36.0
229 25.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.762 ng/ul m
RT: 22.693 min Scan# 4616
Delta R.T. -0.006 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

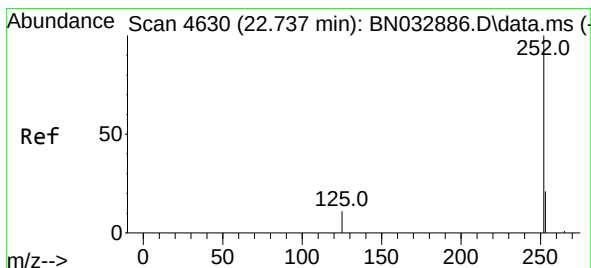
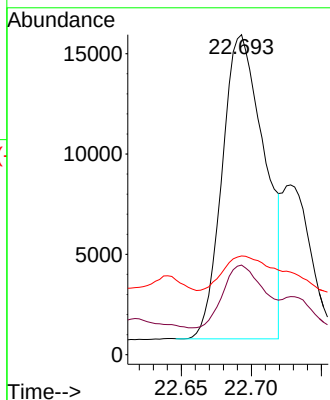
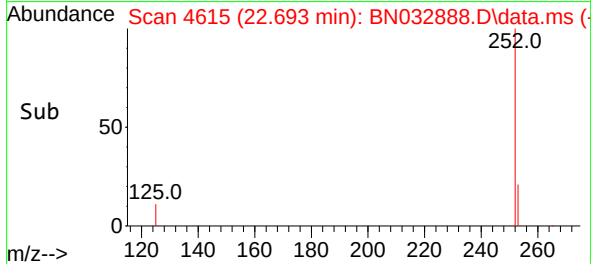
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 3177
Ion Ratio Lower Upper
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253 28.0 0.0 54.0
125 30.9 0.0 36.0

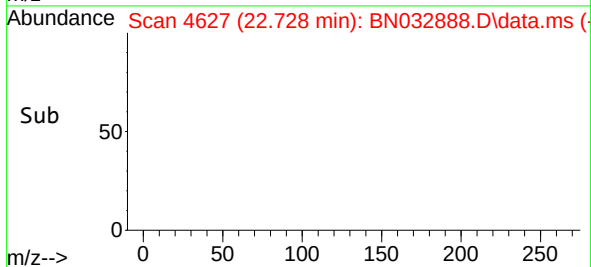
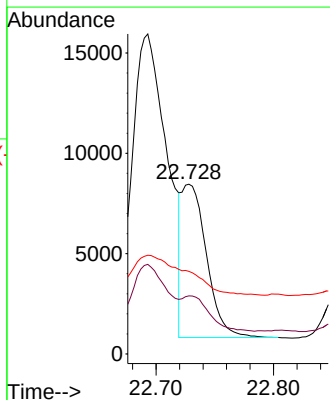
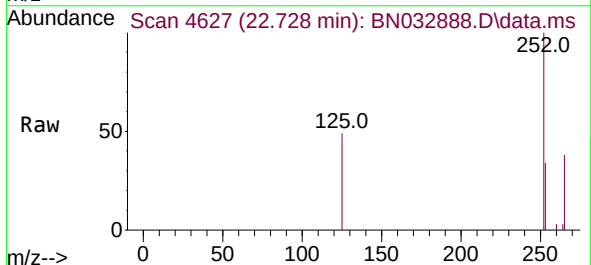
Manual Integrations
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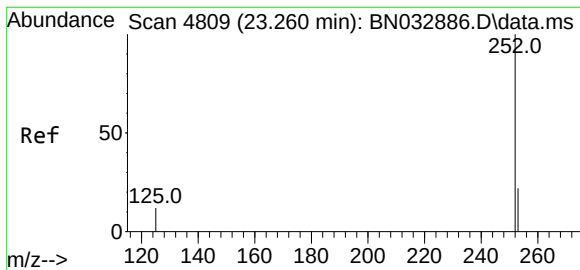
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#25
Benzo(k)fluoranthene
Concen: 0.221 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

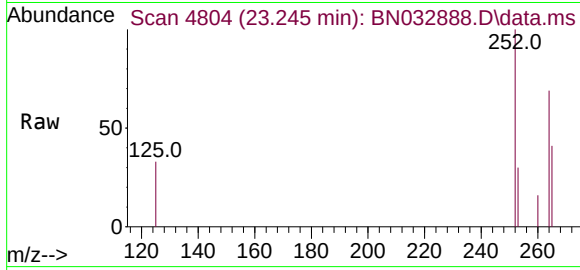
Tgt Ion:252 Resp: 11230
Ion Ratio Lower Upper
252 100
253 34.2 21.2 31.8#
125 48.7 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.605 ng/ul
RT: 23.245 min Scan# 4804
Delta R.T. -0.018 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

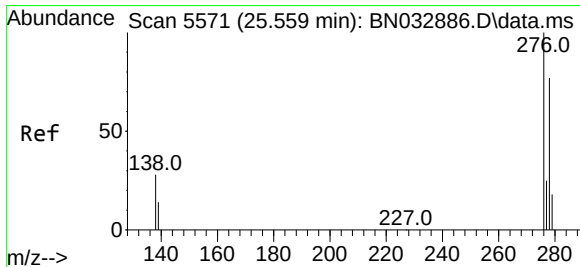
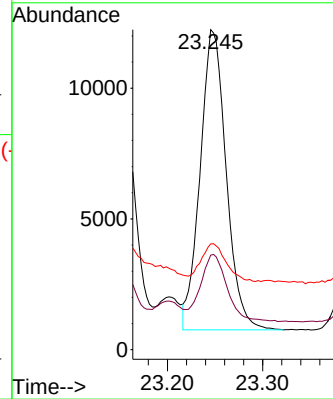
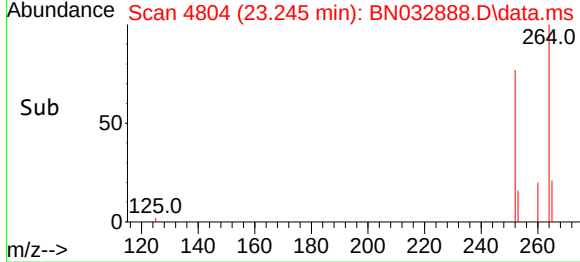
Instrument :
BNA_N
ClientSampleId :
A4D24



Tgt Ion:252 Resp: 2180
Ion Ratio Lower Upper
252 100
253 29.6 25.4 38.0
125 33.1 20.6 30.8

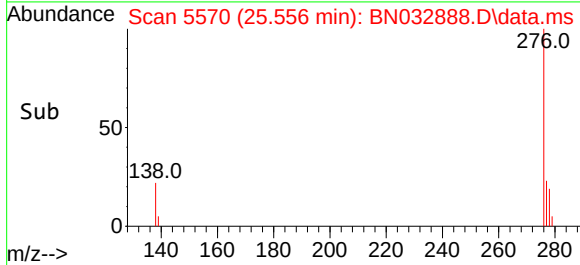
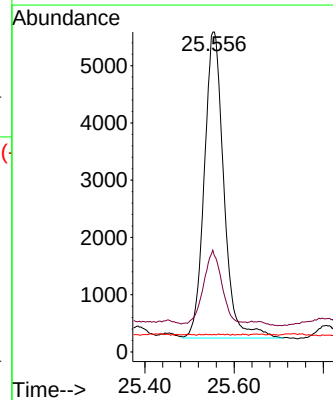
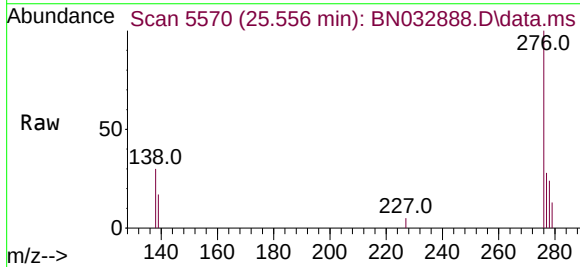
Manual Integrations
APPROVED

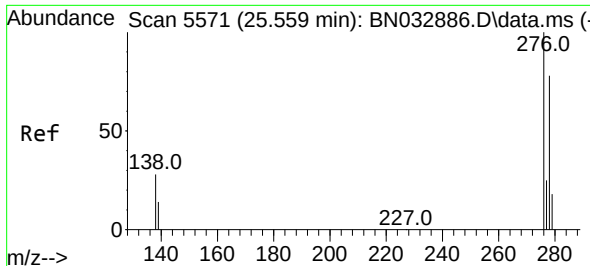
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng/ul
RT: 25.556 min Scan# 5570
Delta R.T. -0.014 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

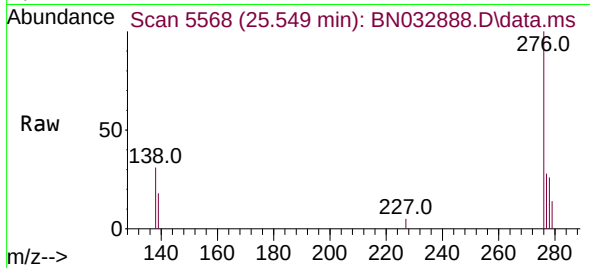
Tgt Ion:276 Resp: 16276
Ion Ratio Lower Upper
276 100
138 22.9 21.6 32.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58

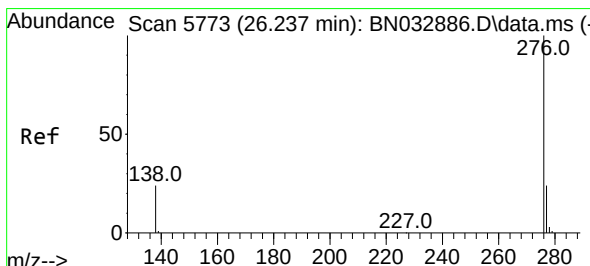
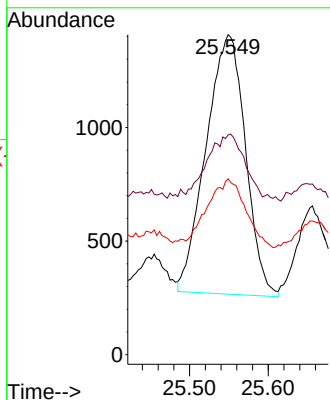
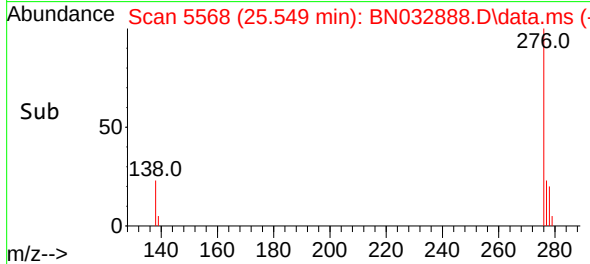
Instrument :
BNA_N
ClientSampleId :
A4D24



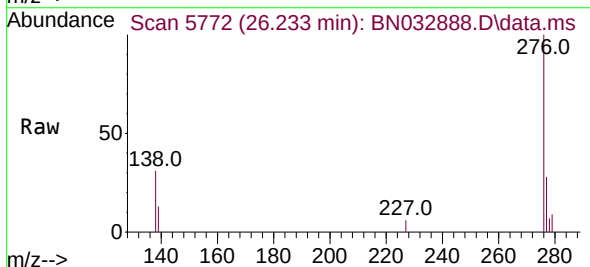
Tgt Ion:278 Resp: 3970
Ion Ratio Lower Upper
278 100
139 68.7 16.6 24.8
279 55.0 23.7 35.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.410 ng/ul
RT: 26.233 min Scan# 5772
Delta R.T. -0.017 min
Lab File: BN032888.D
Acq: 22 Jul 2024 11:58



Tgt Ion:276 Resp: 16726
Ion Ratio Lower Upper
276 100
138 31.2 21.0 31.4
277 28.3 20.6 31.0

