

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032455.D
 Acq On : 04 Jul 2024 02:35
 Operator : MA/JU
 Sample : P2871-14DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 03:01:20 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	7.599	152	7106	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	21295	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	11742	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	21309	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	16996	0.400	ng/ul	# 0.00
23) Perylene-d12	23.421	264	21027	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	6843	0.866	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	1957	0.061	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	3279	0.064	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.426	128	3291	0.058	ng/ul#	91
7) 2-Methylnaphthalene	12.054	142	1005	0.027	ng/ul	94
10) Acenaphthylene	13.966	152	4406	0.090	ng/ul#	93
11) Acenaphthene	14.309	153	2111	0.056	ng/ul	96
12) Fluorene	15.303	166	2389	0.053	ng/ul#	98
15) Phenanthrene	17.046	178	50747	0.869	ng/ul	99
16) Anthracene	17.139	178	9705	0.186	ng/ul#	95
19) Fluoranthene	19.069	202	111523	1.723	ng/ul	97
20) Pyrene	19.436	202	82429	1.219	ng/ul	99
21) Benzo(a)anthracene	21.191	228	48020	0.783	ng/ul	96
22) Chrysene	21.244	228	55828	0.829	ng/ul	96
24) Benzo(b)fluoranthene	22.757	252	82375m	0.902	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	31549m	0.355	ng/ul	
26) Benzo(a)pyrene	23.325	252	31475	0.495	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.653	276	32598	0.328	ng/ul	94
28) Dibenzo(a,h)anthracene	25.656	278	10328	0.140	ng/ul#	60
29) Benzo(g,h,i)perylene	26.344	276	5152	0.065	ng/ul#	53

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

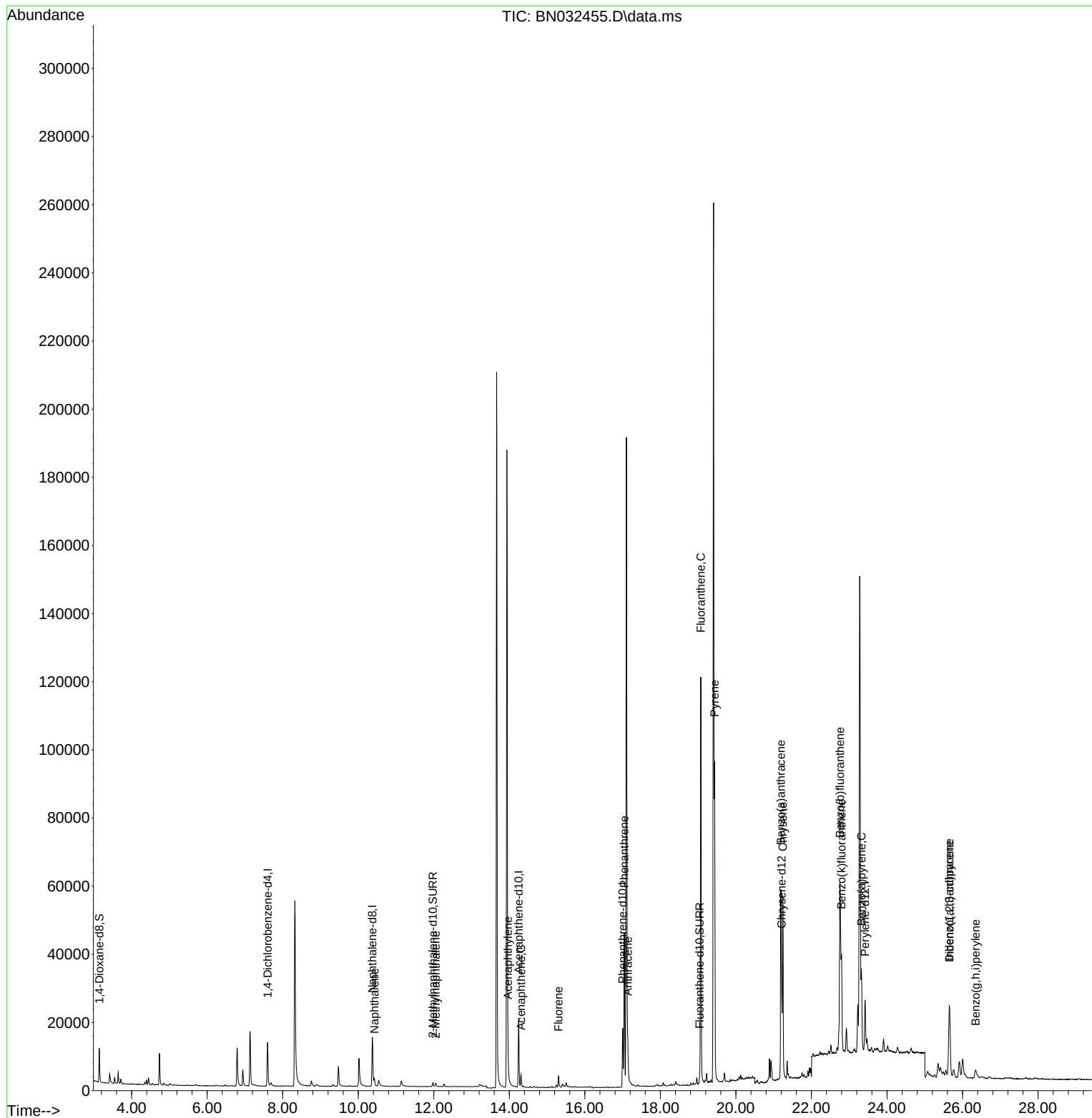
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032455.D
Acq On : 04 Jul 2024 02:35
Operator : MA/JU
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ALS Vial : 26 Sample Multiplier: 1

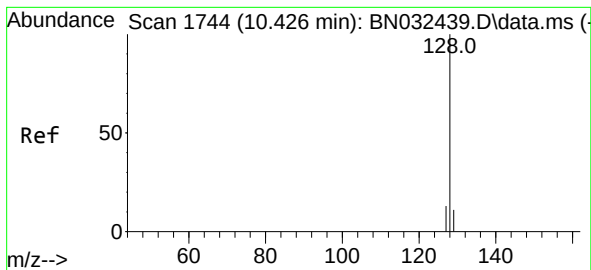
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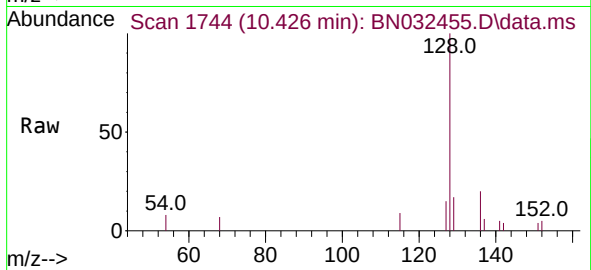
Quant Time: Jul 04 03:01:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.058 ng/u1
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032455.D
Acq: 04 Jul 2024 02:35

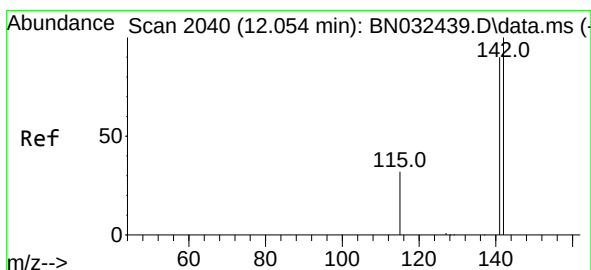
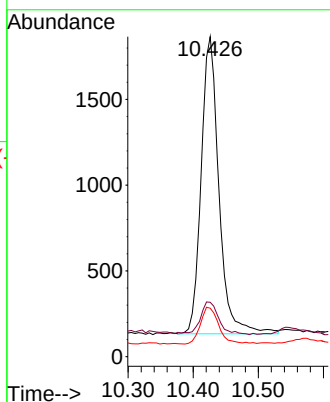
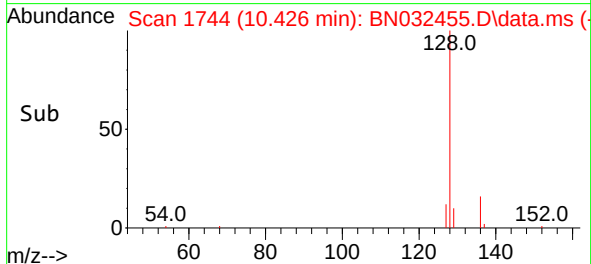
Instrument :
BNA_N
ClientSampleId :
A4CN4DL



Tgt Ion:128 Resp: 329
Ion Ratio Lower Upper
128 100
129 17.0 9.2 13.8
127 15.2 10.8 16.2

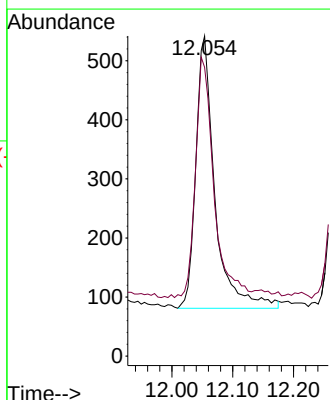
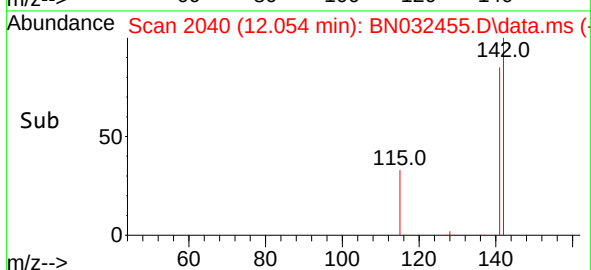
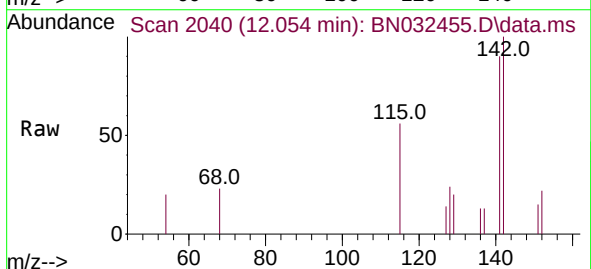
Manual Integrations
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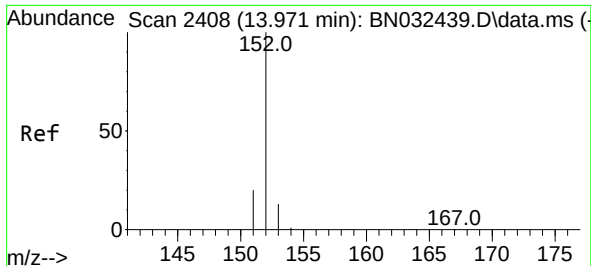
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.027 ng/u1
RT: 12.054 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN032455.D
Acq: 04 Jul 2024 02:35

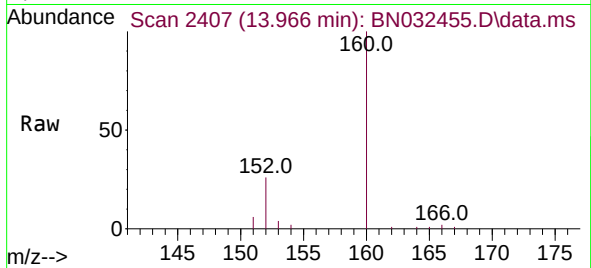
Tgt Ion:142 Resp: 1005
Ion Ratio Lower Upper
142 100
141 85.0 72.2 108.2





#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032455.D
Acq: 04 Jul 2024 02:35

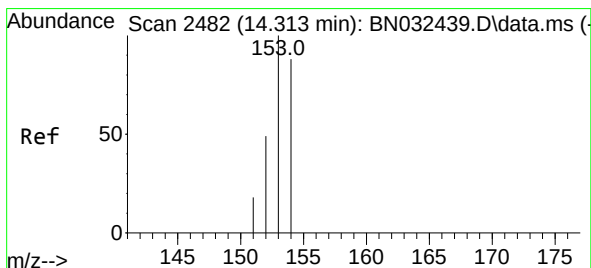
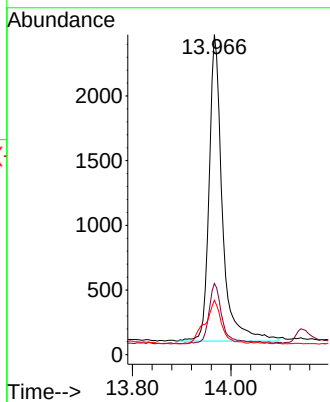
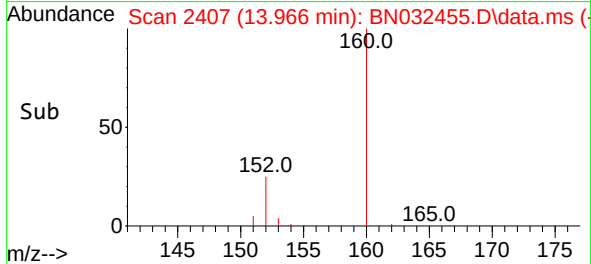
Instrument :
BNA_N
ClientSampleId :
A4CN4DL



Tgt Ion:152 Resp: 4400
Ion Ratio Lower Upper
152 100
151 22.3 15.7 23.5
153 17.0 10.9 16.3

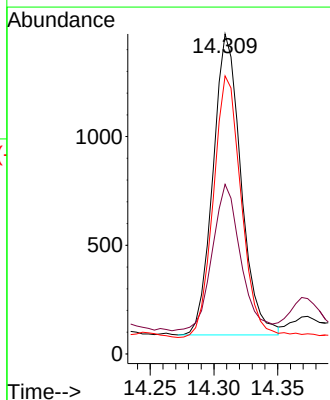
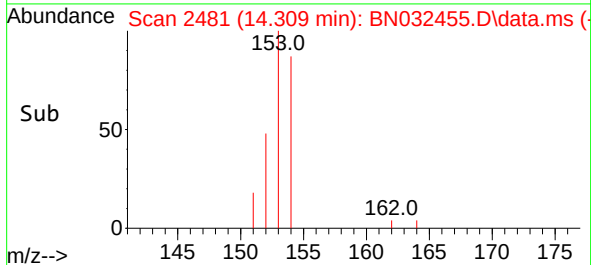
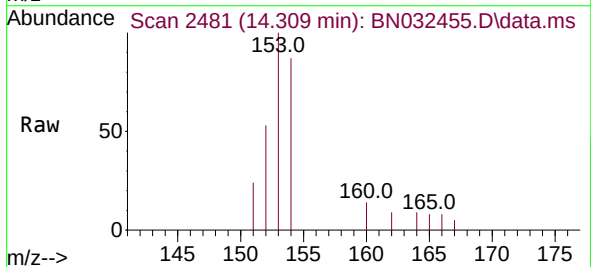
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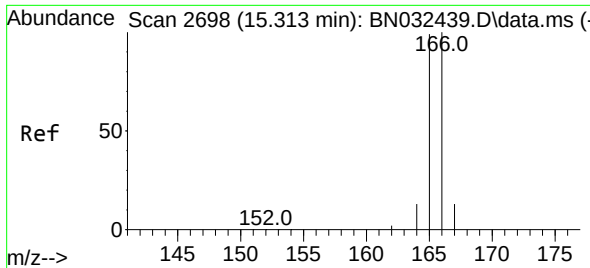
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#11
Acenaphthene
Concen: 0.056 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032455.D
Acq: 04 Jul 2024 02:35

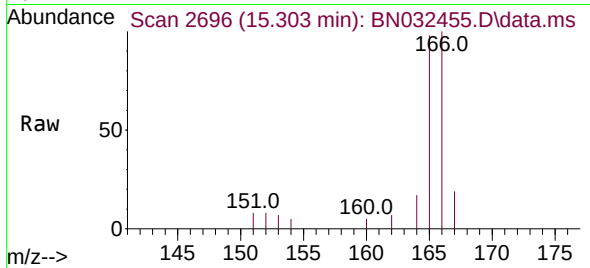
Tgt Ion:153 Resp: 2111
Ion Ratio Lower Upper
153 100
152 53.0 39.5 59.3
154 86.9 71.7 107.5





#12
Fluorene
Concen: 0.053 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032455.D
Acq: 04 Jul 2024 02:35

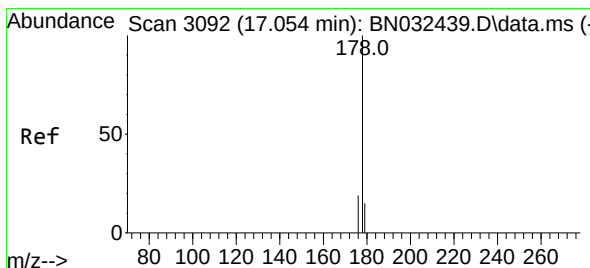
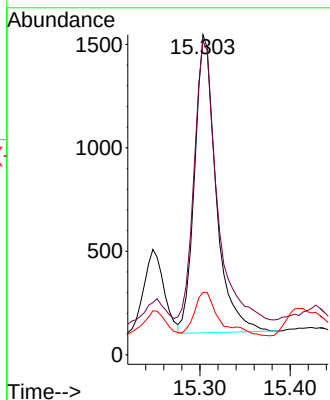
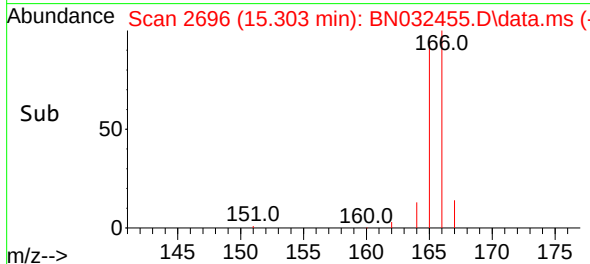
Instrument :
BNA_N
ClientSampleId :
A4CN4DL



Tgt Ion:166 Resp: 2389
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 19.5 11.0 16.6

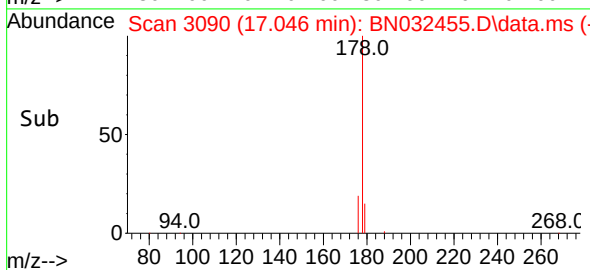
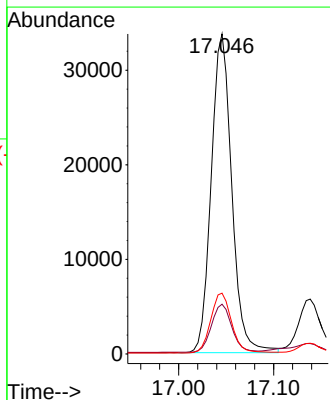
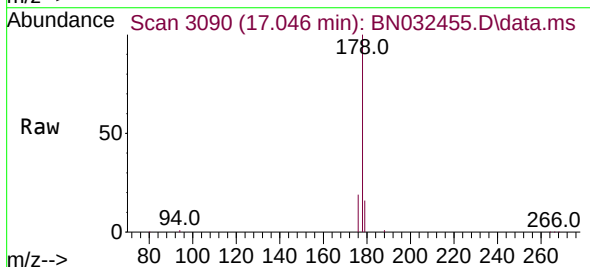
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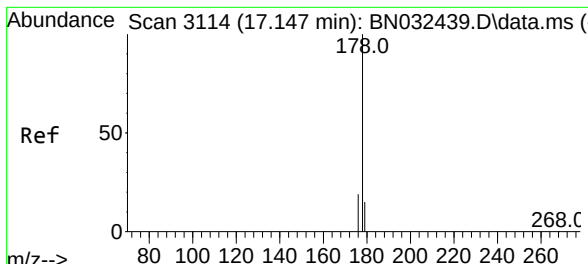
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#15
Phenanthrene
Concen: 0.869 ng/ul
RT: 17.046 min Scan# 3090
Delta R.T. -0.004 min
Lab File: BN032455.D
Acq: 04 Jul 2024 02:35

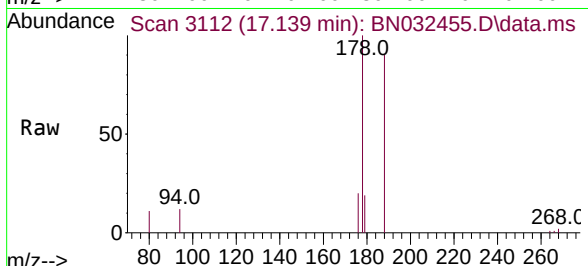
Tgt Ion:178 Resp: 50747
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.0 15.6 23.4





#16
 Anthracene
 Concen: 0.186 ng/u1
 RT: 17.139 min Scan# 3112
 Delta R.T. -0.004 min
 Lab File: BN032455.D
 Acq: 04 Jul 2024 02:35

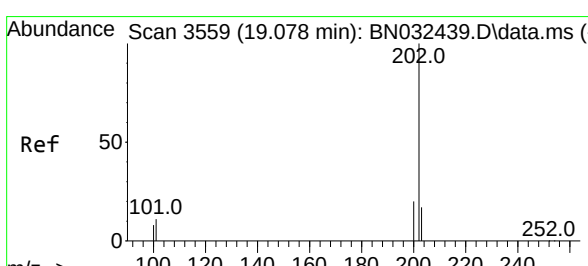
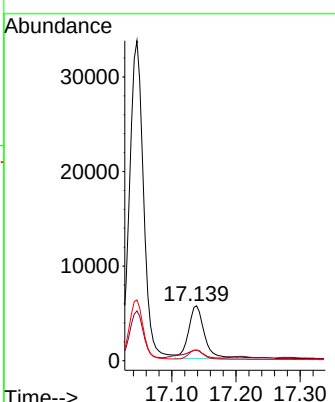
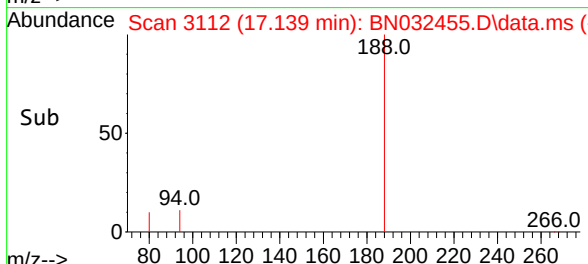
Instrument : BNA_N
 ClientSampleId : A4CN4DL



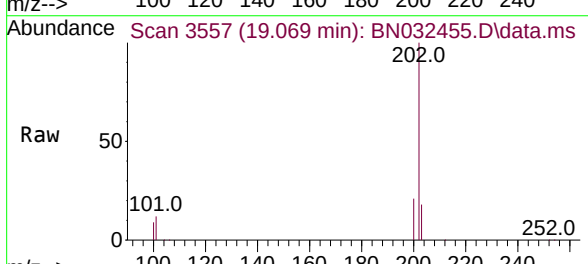
Tgt Ion:178 Resp: 9705

Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.5	18.7
176	19.6	15.0	22.6

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 Supervised By :mohammad ahmed 07/05/2024

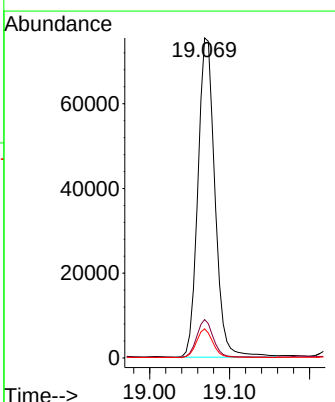
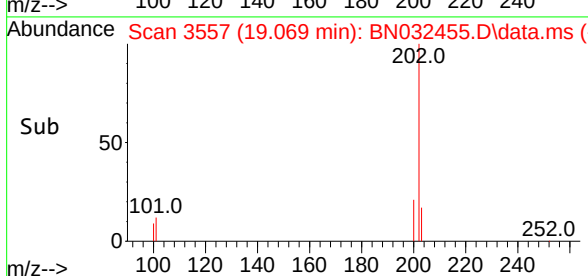


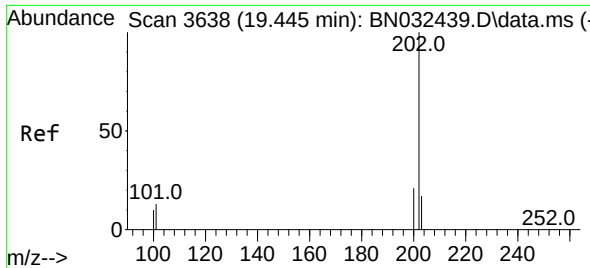
#19
 Fluoranthene
 Concen: 1.723 ng/u1
 RT: 19.069 min Scan# 3557
 Delta R.T. -0.005 min
 Lab File: BN032455.D
 Acq: 04 Jul 2024 02:35



Tgt Ion:202 Resp: 111523

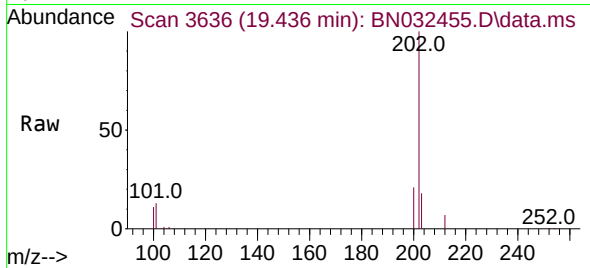
Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.8	13.2
100	9.1	6.4	9.6





#20
Pyrene
Concen: 1.219 ng/ul
RT: 19.436 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN032455.D
Acq: 04 Jul 2024 02:35

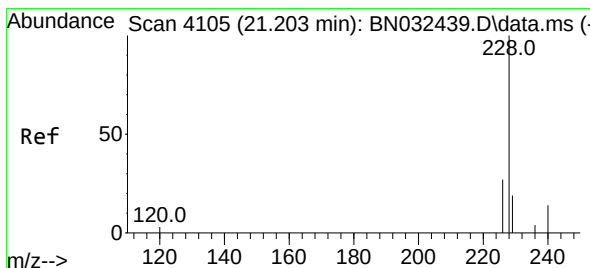
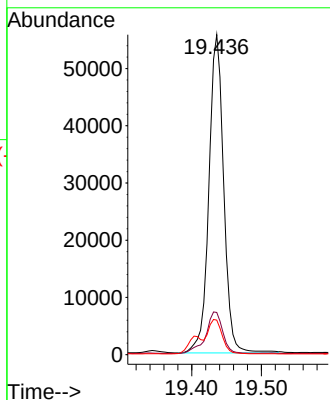
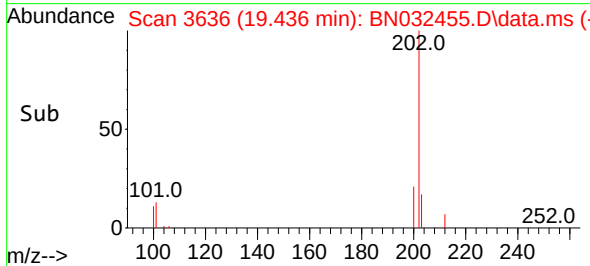
Instrument :
BNA_N
ClientSampleId :
A4CN4DL



Tgt Ion:202 Resp: 82429
Ion Ratio Lower Upper
202 100
101 13.2 11.0 16.4
100 10.8 8.7 13.1

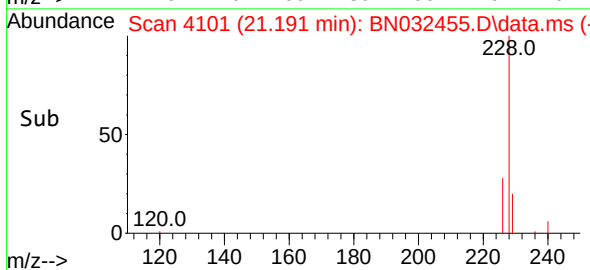
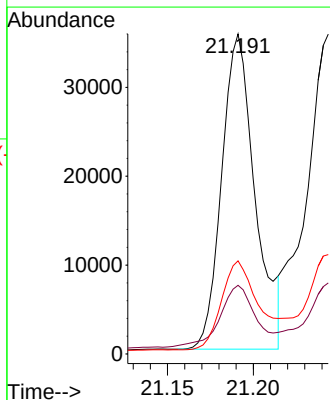
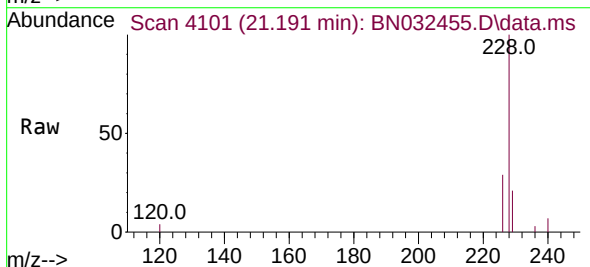
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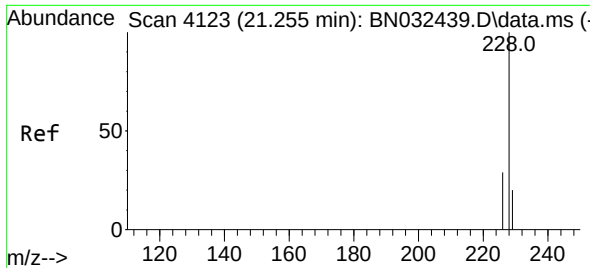
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#21
Benzo(a)anthracene
Concen: 0.783 ng/ul
RT: 21.191 min Scan# 4101
Delta R.T. 0.000 min
Lab File: BN032455.D
Acq: 04 Jul 2024 02:35

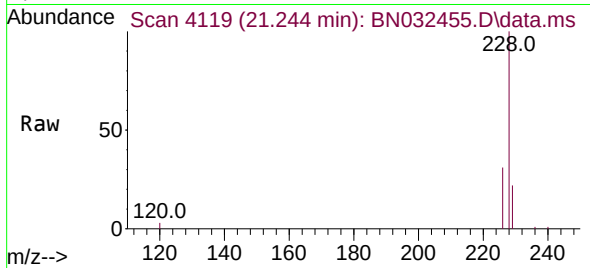
Tgt Ion:228 Resp: 48020
Ion Ratio Lower Upper
228 100
229 21.5 15.7 23.5
226 29.1 21.8 32.8





#22
Chrysene
Concen: 0.829 ng/ul
RT: 21.244 min Scan# 4119
Delta R.T. 0.000 min
Lab File: BN032455.D
Acq: 04 Jul 2024 02:35

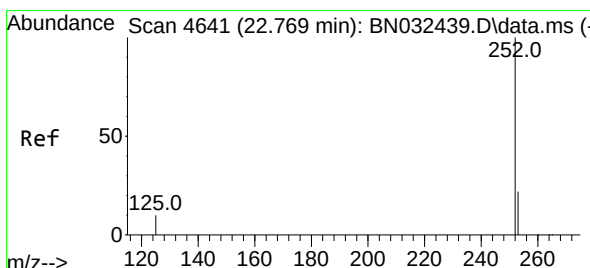
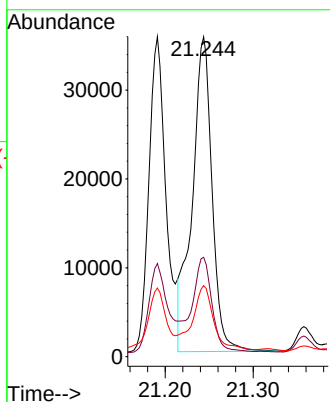
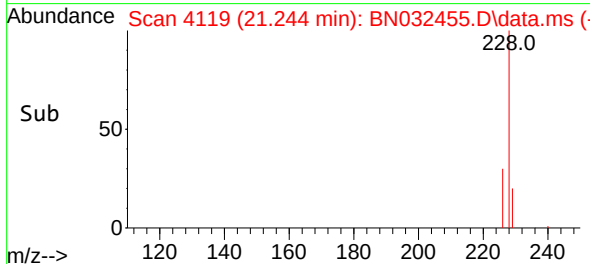
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A4CN4DL



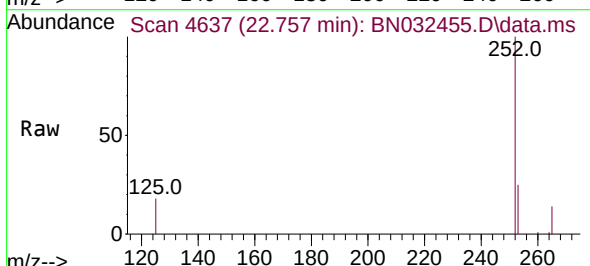
Tgt Ion:228 Resp: 55828
Ion Ratio Lower Upper
228 100
226 31.1 23.6 35.4
229 22.2 15.7 23.5

Manual Integrations
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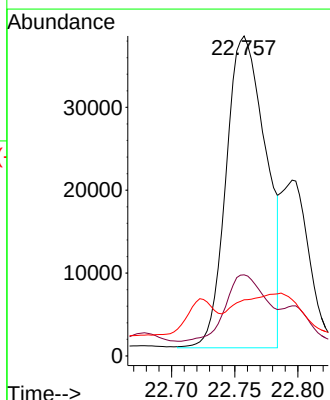
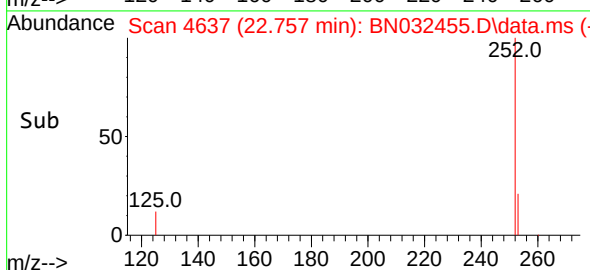
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

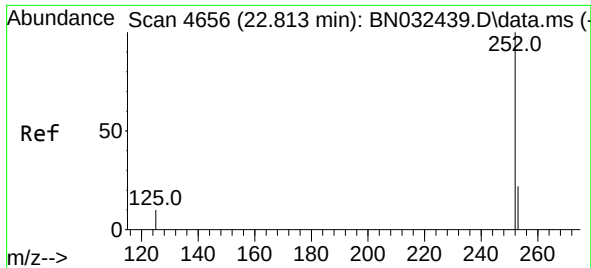


#24
Benzo(b)fluoranthene
Concen: 0.902 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. 0.000 min
Lab File: BN032455.D
Acq: 04 Jul 2024 02:35



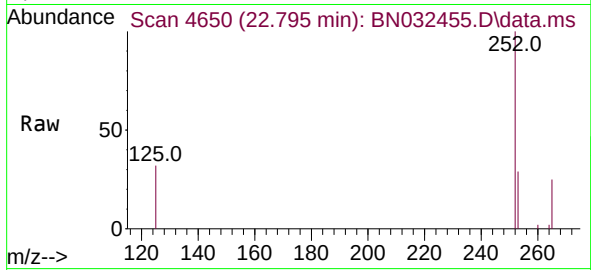
Tgt Ion:252 Resp: 82375
Ion Ratio Lower Upper
252 100
253 25.4 0.0 50.2
125 17.6 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032455.D
Acq: 04 Jul 2024 02:35

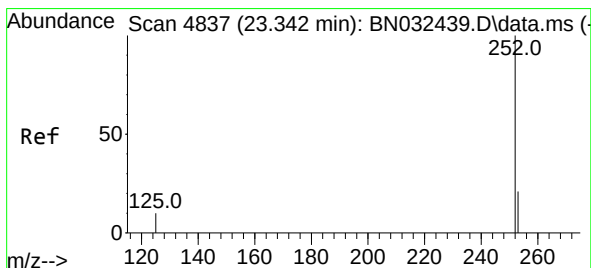
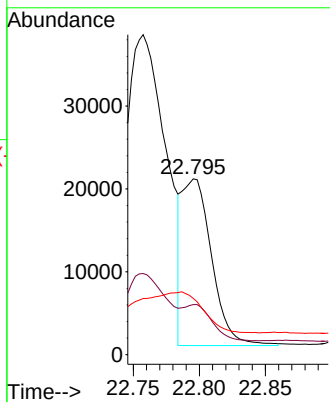
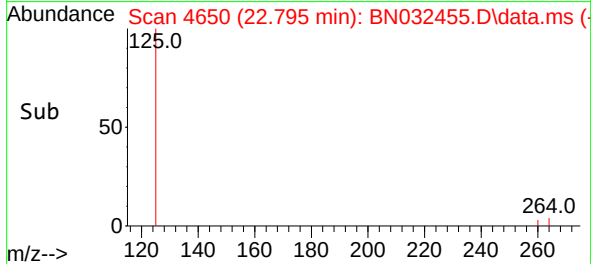
Instrument :
BNA_N
ClientSampleId :
A4CN4DL



Tgt Ion:252 Resp: 31549
Ion Ratio Lower Upper
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125 32.0 12.8 19.2

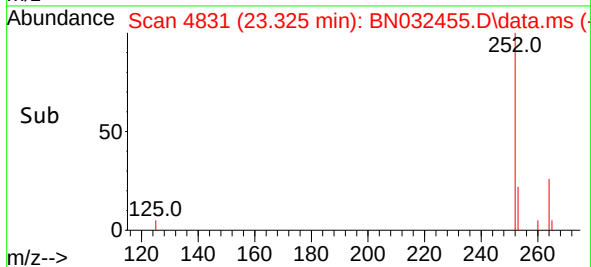
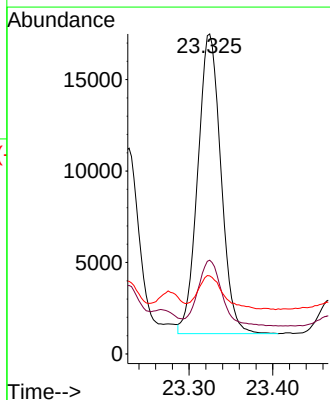
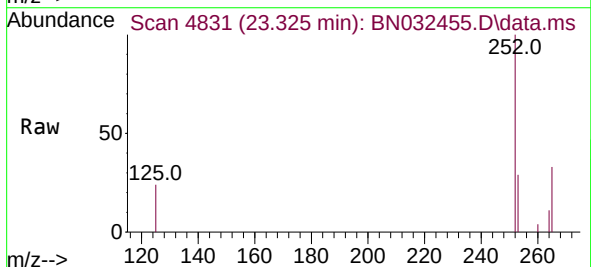
Manual Integrations
APPROVED

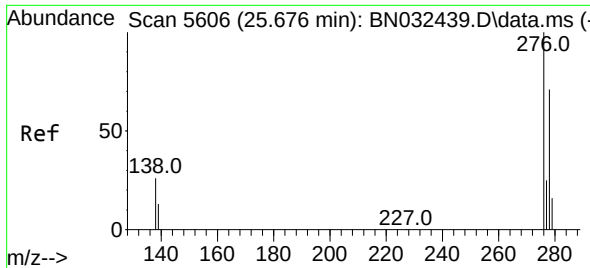
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#26
Benzo(a)pyrene
Concen: 0.495 ng/ul
RT: 23.325 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BN032455.D
Acq: 04 Jul 2024 02:35

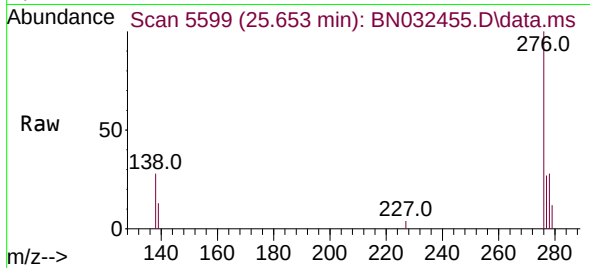
Tgt Ion:252 Resp: 31475
Ion Ratio Lower Upper
252 100
253 29.3 22.2 33.2
125 24.4 16.4 24.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng/ul
RT: 25.653 min Scan# 5599
Delta R.T. -0.007 min
Lab File: BN032455.D
Acq: 04 Jul 2024 02:35

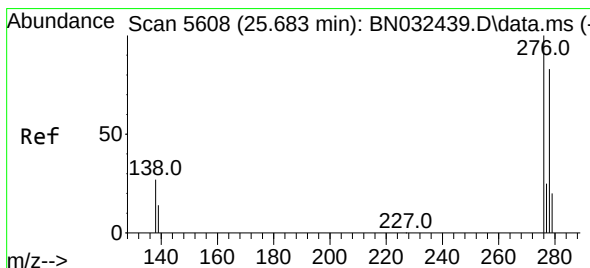
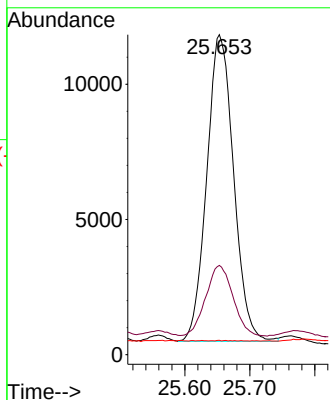
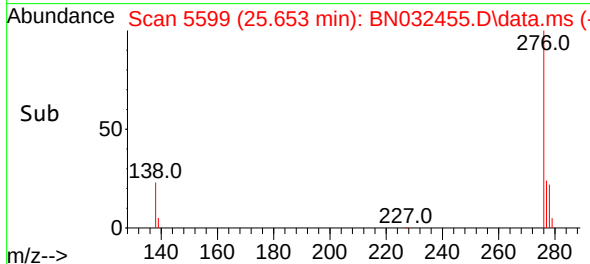
Instrument :
BNA_N
ClientSampleId :
A4CN4DL



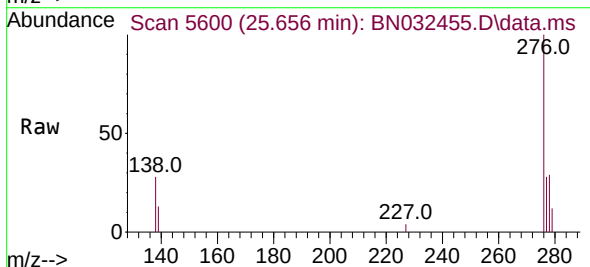
Tgt Ion:276 Resp: 32598
Ion Ratio Lower Upper
276 100
138 23.7 21.3 31.9
227 0.1 0.1 0.1

Manual Integrations
APPROVED

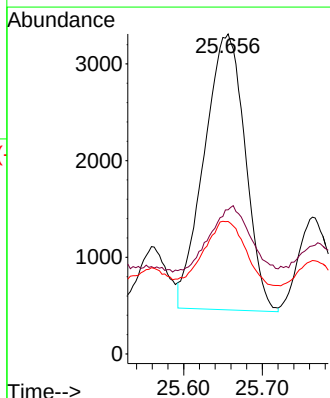
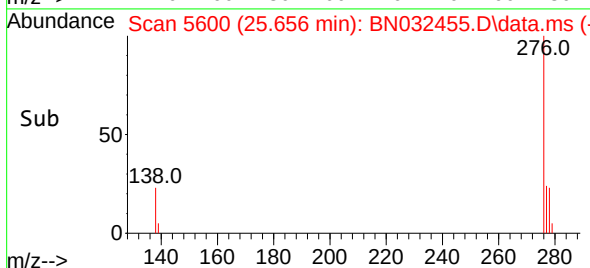
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

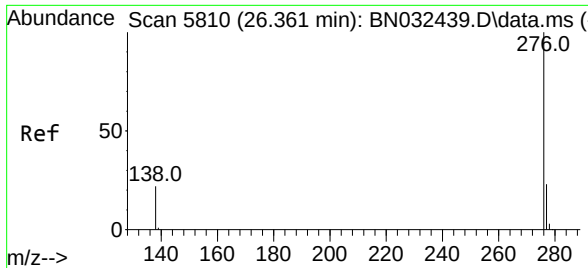


#28
Dibenzo(a,h)anthracene
Concen: 0.140 ng/ul
RT: 25.656 min Scan# 5600
Delta R.T. -0.010 min
Lab File: BN032455.D
Acq: 04 Jul 2024 02:35



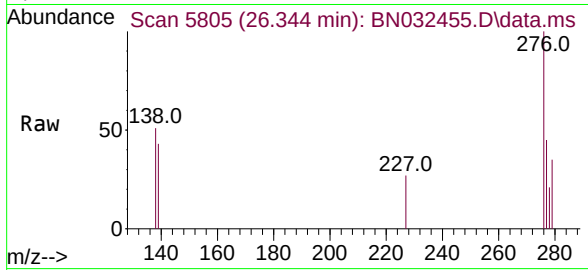
Tgt Ion:278 Resp: 10328
Ion Ratio Lower Upper
278 100
139 45.0 15.9 23.9#
279 41.4 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.065 ng/ul
 RT: 26.344 min Scan# 5810
 Delta R.T. 0.000 min
 Lab File: BN032455.D
 Acq: 04 Jul 2024 02:35

Instrument :
 BNA_N
 ClientSampleId :
 A4CN4DL



Tgt Ion: 276 Resp: 5152

Ion	Ratio	Lower	Upper
276	100		
138	51.3	19.8	29.6
277	45.2	19.8	29.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

