

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032453.D
 Acq On : 04 Jul 2024 01:23
 Operator : MA/JU
 Sample : P2963-04DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BQ2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 01:56:07 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	7052	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	21229	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	11860	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	21146	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	16084	0.400	ng/ul	# 0.00
23) Perylene-d12	23.424	264	19610	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	8007	1.021	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	2263	0.071	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	3783	0.078	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.426	128	10783	0.192	ng/ul	98
7) 2-Methylnaphthalene	12.048	142	4138	0.111	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	2576	0.067	ng/ul	100
10) Acenaphthylene	13.966	152	16834	0.341	ng/ul	98
11) Acenaphthene	14.309	153	4159	0.109	ng/ul	98
12) Fluorene	15.303	166	5306	0.116	ng/ul#	98
14) Pentachlorophenol	16.674	266	116	0.024	ng/ul	94
15) Phenanthrene	17.046	178	107010	1.846	ng/ul	99
16) Anthracene	17.139	178	26640	0.515	ng/ul	98
19) Fluoranthene	19.069	202	181693	2.967	ng/ul	97
20) Pyrene	19.436	202	140256	2.191	ng/ul	99
21) Benzo(a)anthracene	21.191	228	86868	1.496	ng/ul	96
22) Chrysene	21.241	228	101864	1.599	ng/ul	96
24) Benzo(b)fluoranthene	22.757	252	151343m	1.776	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	50059m	0.605	ng/ul	
26) Benzo(a)pyrene	23.325	252	53488	0.902	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.653	276	63822	0.688	ng/ul	97
28) Dibenzo(a,h)anthracene	25.656	278	21687	0.314	ng/ul#	68
29) Benzo(g,h,i)perylene	26.341	276	10238	0.138	ng/ul#	67

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

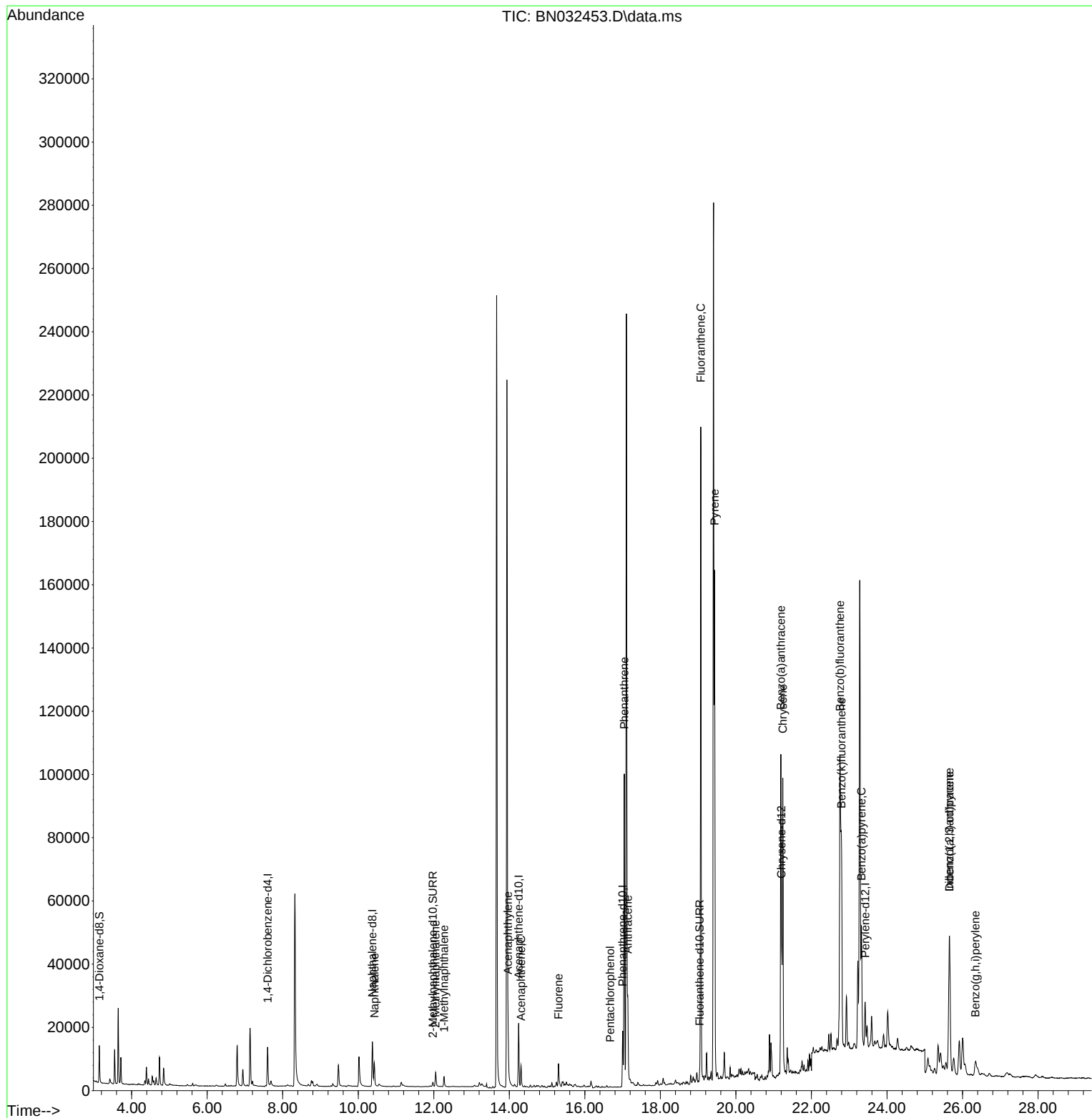
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032453.D
Acq On : 04 Jul 2024 01:23
Operator : MA/JU
Sample : P2963-04DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

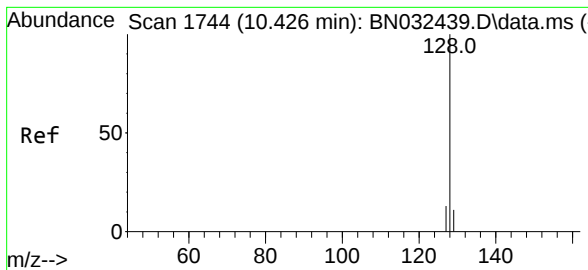
Instrument :
BNA_N
ClientSampleId :
A4BQ2DL

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Supervised By :mohammad ahmed 07/05/2024

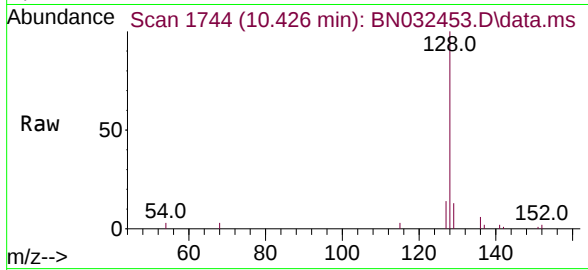
Quant Time: Jul 04 01:56:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.192 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23

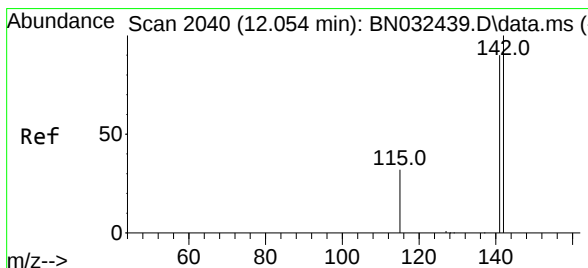
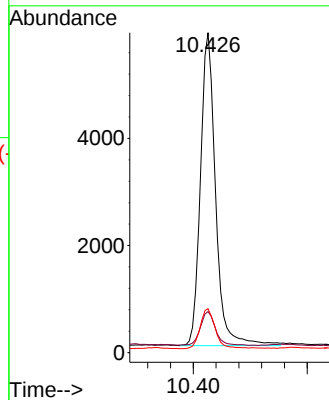
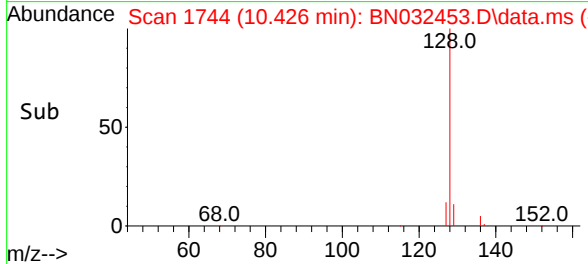
Instrument :
BNA_N
ClientSampleId :
A4BQ2DL



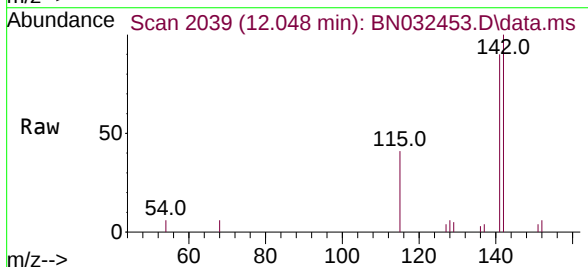
Tgt Ion:128 Resp: 1078
Ion Ratio Lower Upper
128 100
129 12.9 9.2 13.8
127 13.7 10.8 16.2

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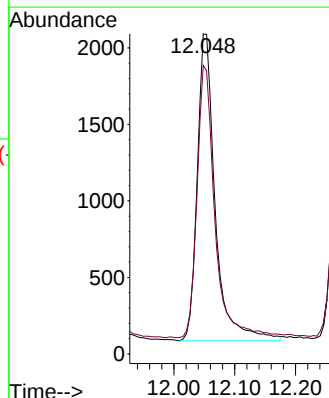
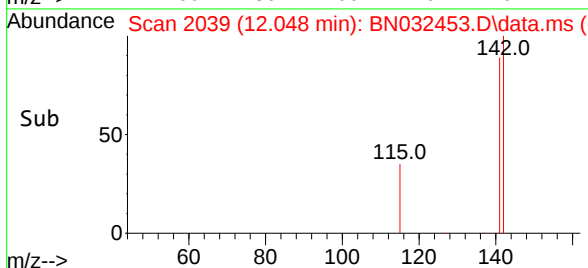
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

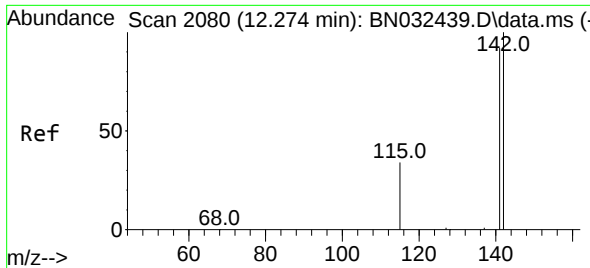


#7
2-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23



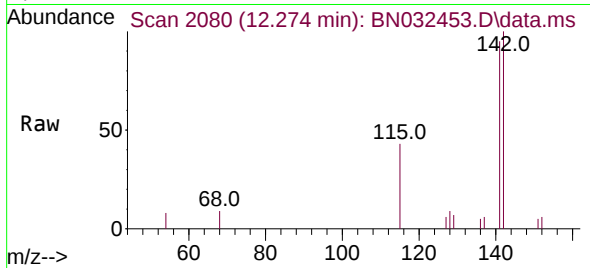
Tgt Ion:142 Resp: 4138
Ion Ratio Lower Upper
142 100
141 87.9 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23

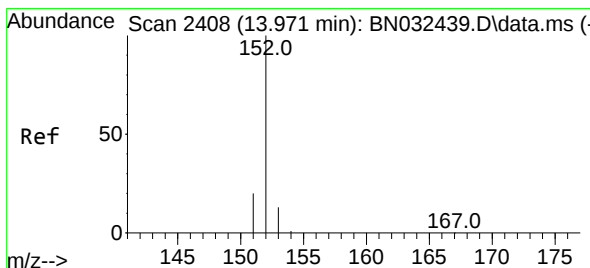
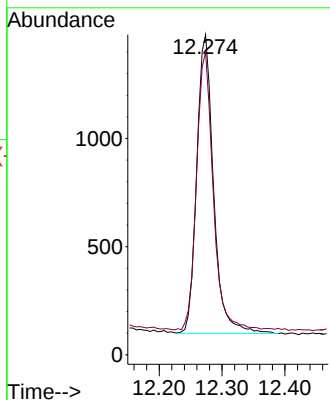
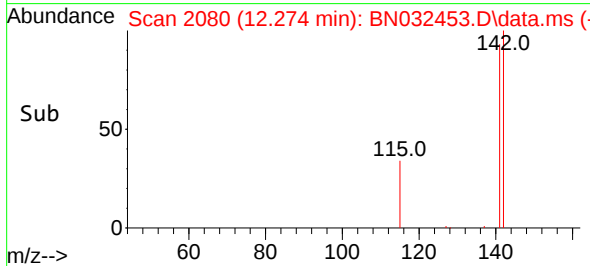
Instrument :
BNA_N
ClientSampleId :
A4BQ2DL



Tgt Ion:142 Resp: 2570
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0

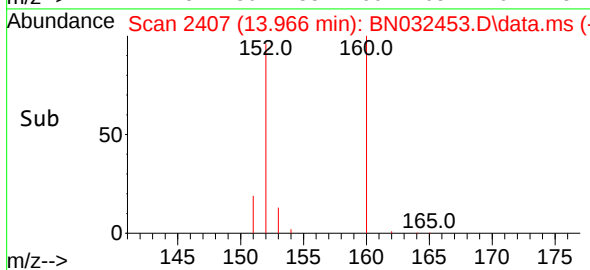
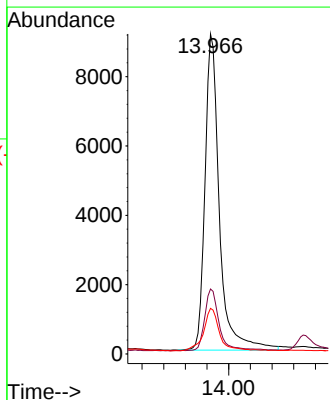
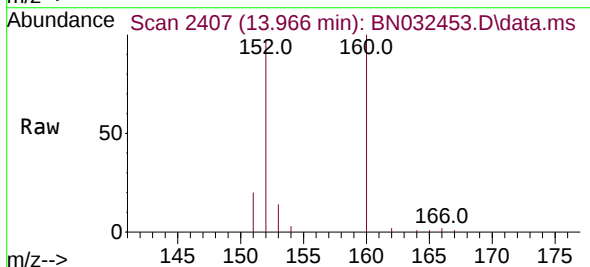
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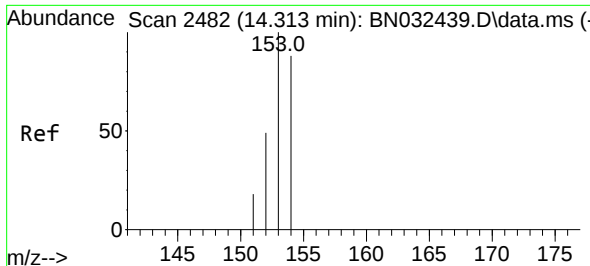
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23

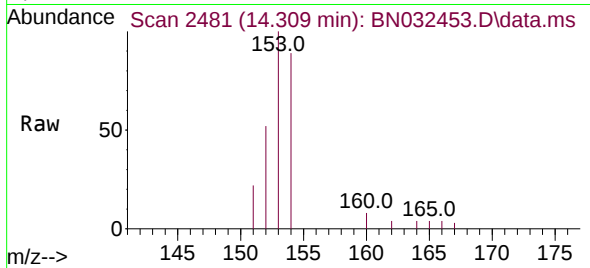
Tgt Ion:152 Resp: 16834
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 14.2 10.9 16.3





#11
Acenaphthene
Concen: 0.109 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23

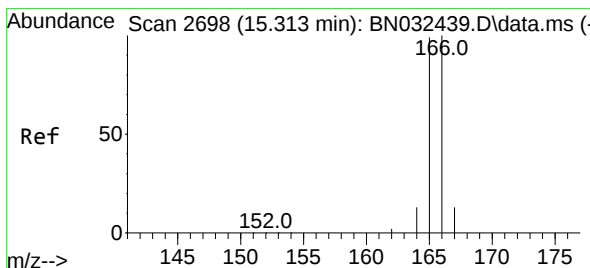
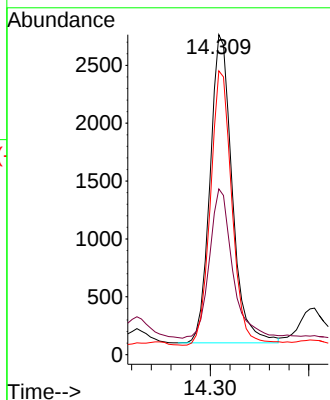
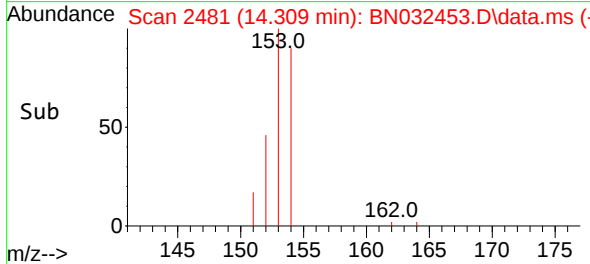
Instrument :
BNA_N
ClientSampleId :
A4BQ2DL



Tgt Ion:153 Resp: 4159
Ion Ratio Lower Upper
153 100
152 51.8 39.5 59.3
154 88.7 71.7 107.5

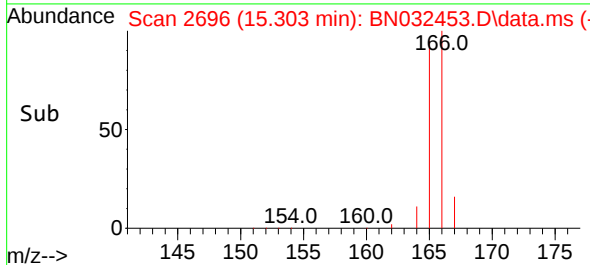
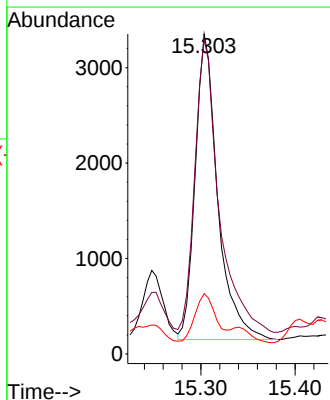
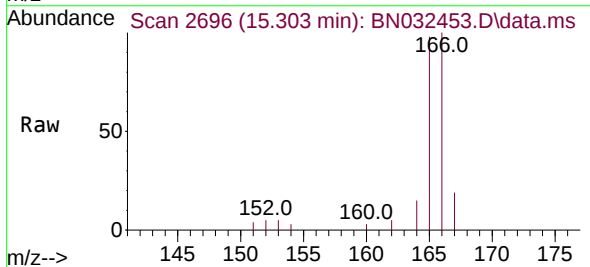
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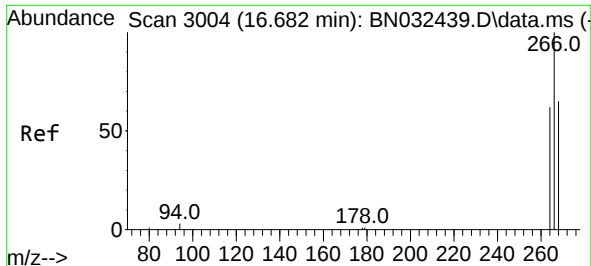
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.116 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23

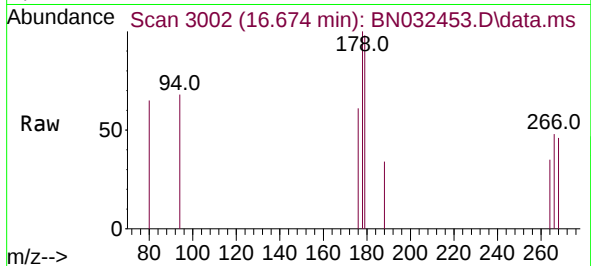
Tgt Ion:166 Resp: 5306
Ion Ratio Lower Upper
166 100
165 98.3 79.0 118.6
167 18.8 11.0 16.6#





#14
Pentachlorophenol
Concen: 0.024 ng/ul
RT: 16.674 min Scan# 3002
Delta R.T. 0.000 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23

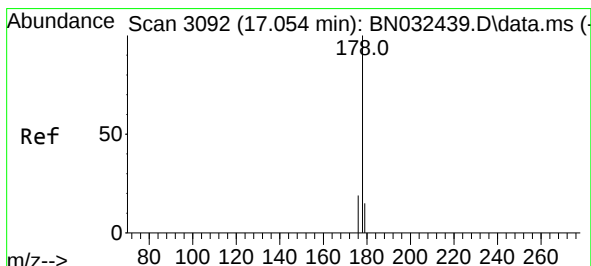
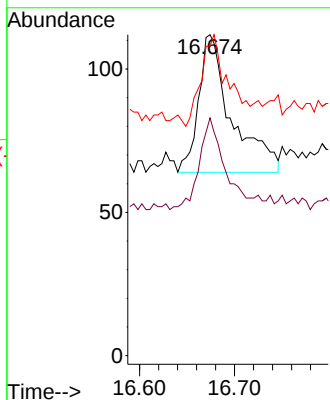
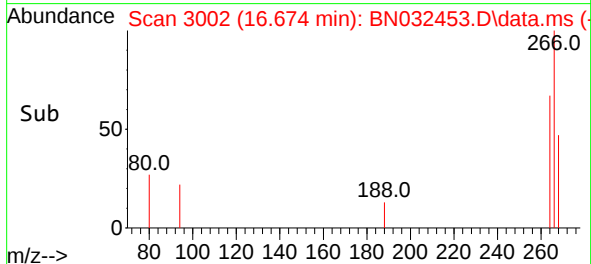
Instrument :
BNA_N
ClientSampleId :
A4BQ2DL



Tgt Ion:266 Resp: 110
Ion Ratio Lower Upper
266 100
264 56.9 49.9 74.9
268 62.1 52.4 78.6

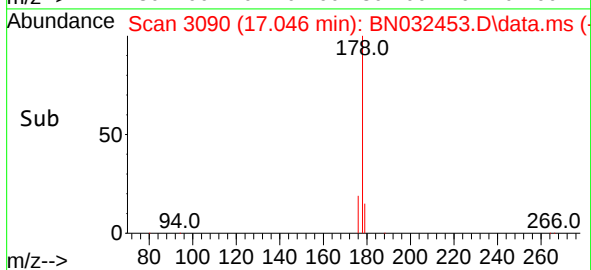
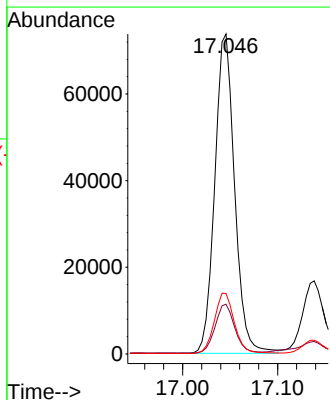
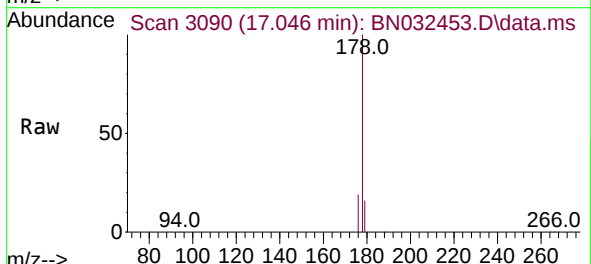
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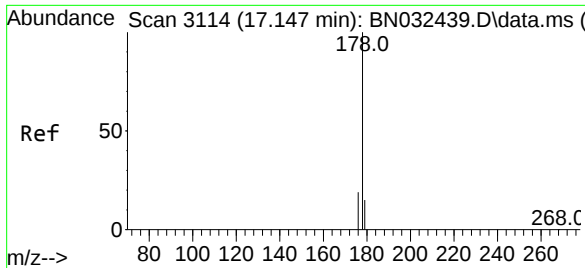
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#15
Phenanthrene
Concen: 1.846 ng/ul
RT: 17.046 min Scan# 3090
Delta R.T. -0.004 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23

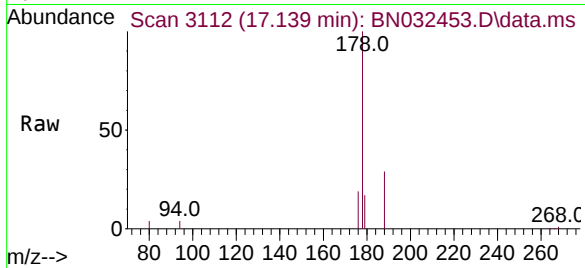
Tgt Ion:178 Resp: 107010
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 18.9 15.6 23.4





#16
 Anthracene
 Concen: 0.515 ng/ul
 RT: 17.139 min Scan# 3112
 Delta R.T. -0.004 min
 Lab File: BN032453.D
 Acq: 04 Jul 2024 01:23

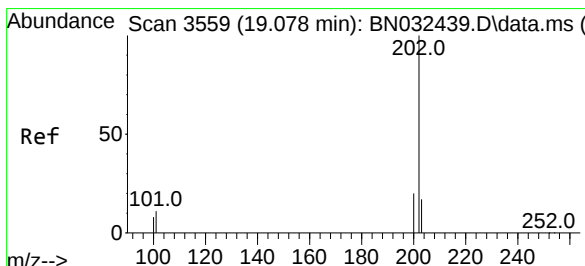
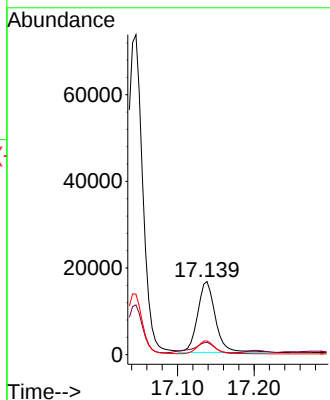
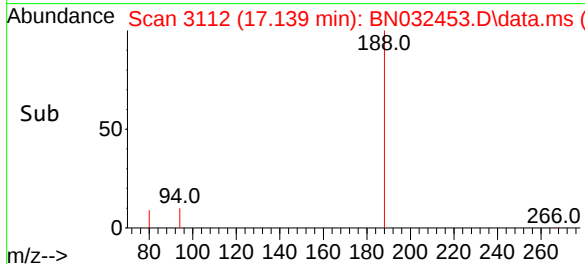
Instrument :
 BNA_N
 ClientSampleId :
 A4BQ2DL



Tgt Ion:178 Resp: 26640
 Ion Ratio Lower Upper
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 179 17.1 12.5 18.7
 176 18.9 15.0 22.6

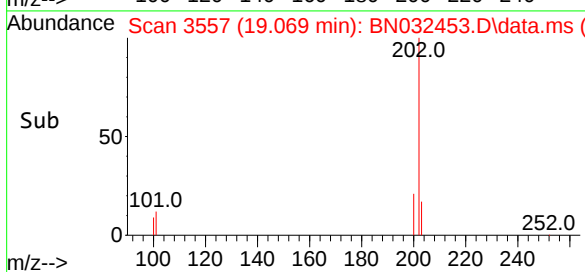
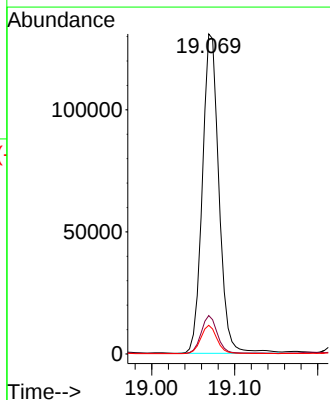
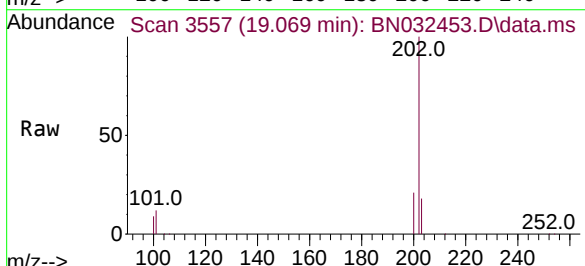
Manual Integrations
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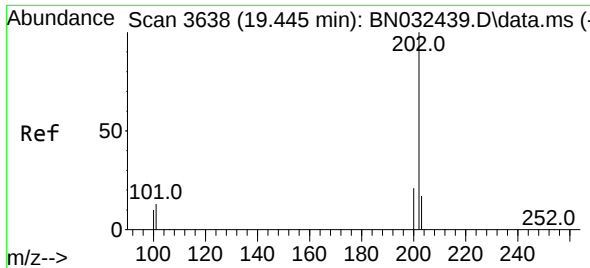
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#19
 Fluoranthene
 Concen: 2.967 ng/ul
 RT: 19.069 min Scan# 3557
 Delta R.T. -0.005 min
 Lab File: BN032453.D
 Acq: 04 Jul 2024 01:23

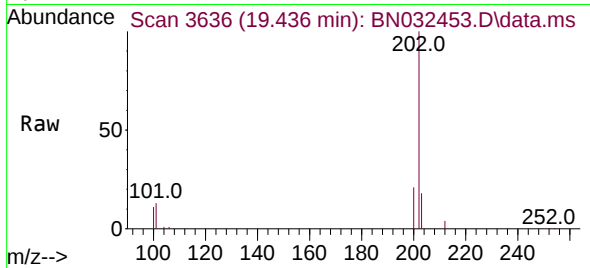
Tgt Ion:202 Resp: 181693
 Ion Ratio Lower Upper
 202 100
 101 12.0 8.8 13.2
 100 9.0 6.4 9.6





#20
Pyrene
Concen: 2.191 ng/ul
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23

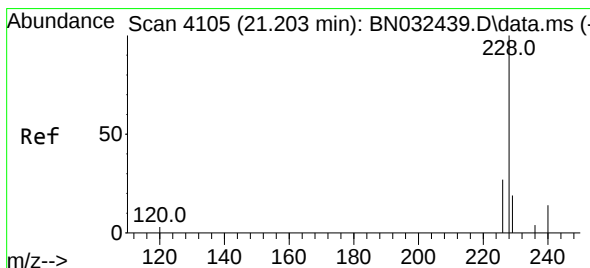
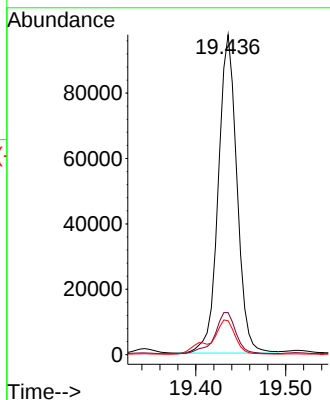
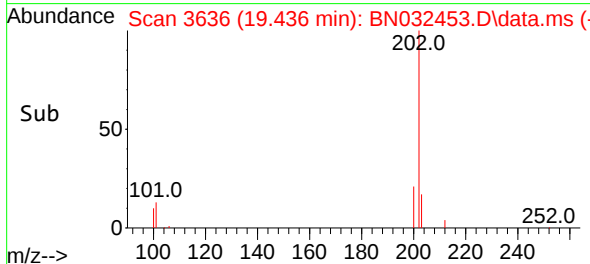
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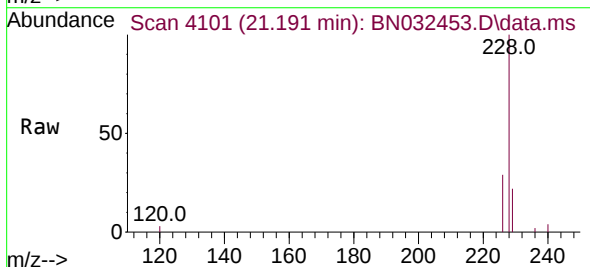
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Ion Ratio Lower Upper
202 100
101 13.1 11.0 16.4
100 10.6 8.7 13.1

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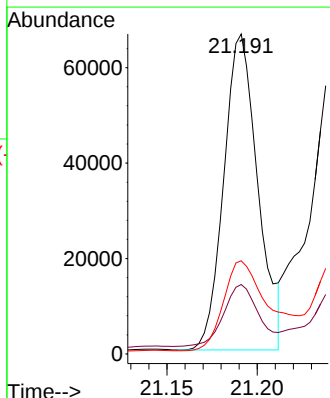
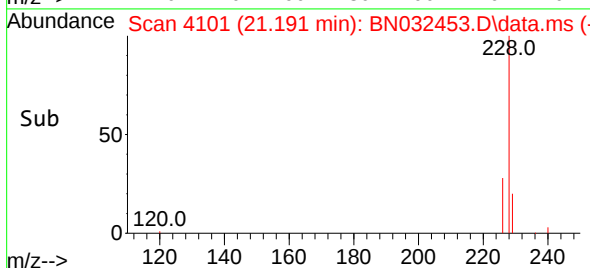
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

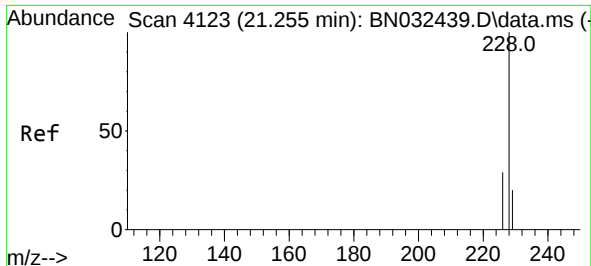


#21
Benzo(a)anthracene
Concen: 1.496 ng/ul
RT: 21.191 min Scan# 4101
Delta R.T. 0.000 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23



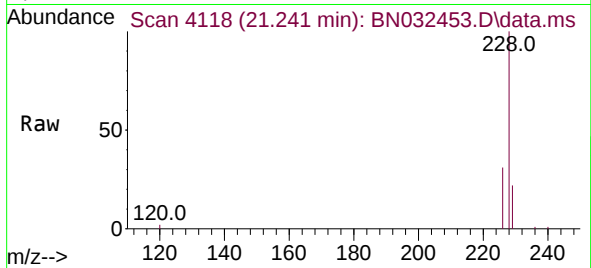
Tgt Ion:228 Resp: 86868
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 29.1 21.8 32.8





#22
Chrysene
Concen: 1.599 ng/ul
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23

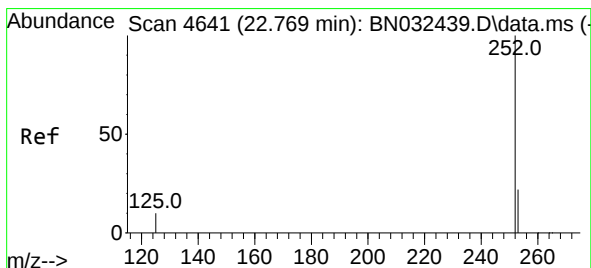
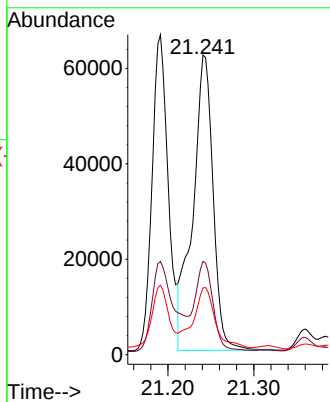
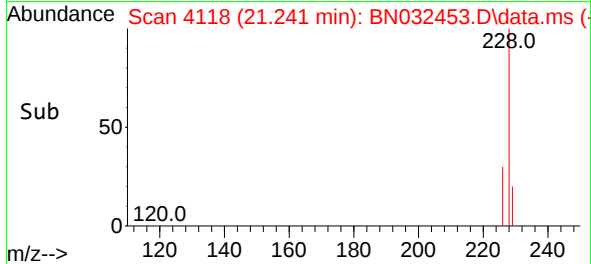
Instrument :
BNA_N
ClientSampleId :
A4BQ2DL



Tgt Ion:228 Resp: 101864
Ion Ratio Lower Upper
228 100
226 31.1 23.6 35.4
229 22.3 15.7 23.5

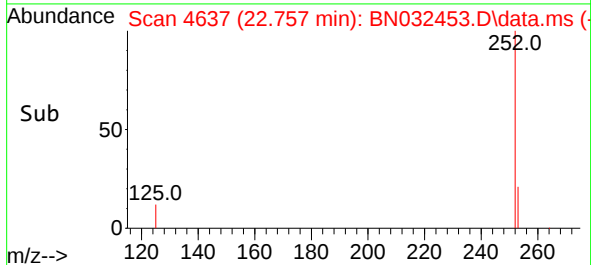
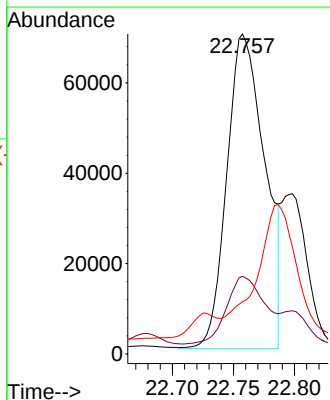
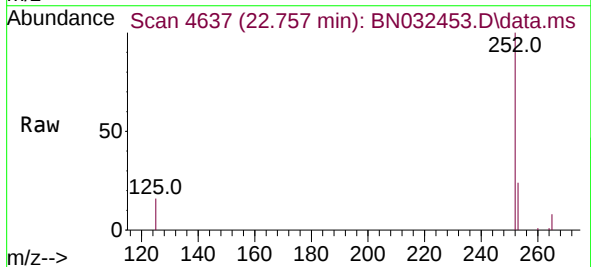
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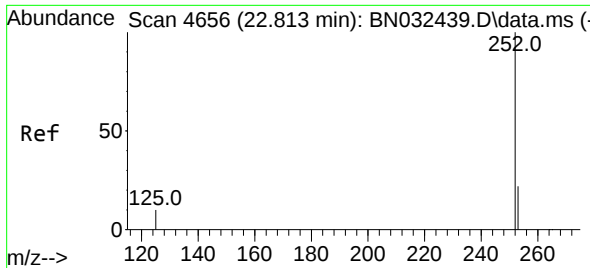
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#24
Benzo(b)fluoranthene
Concen: 1.776 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. 0.000 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23

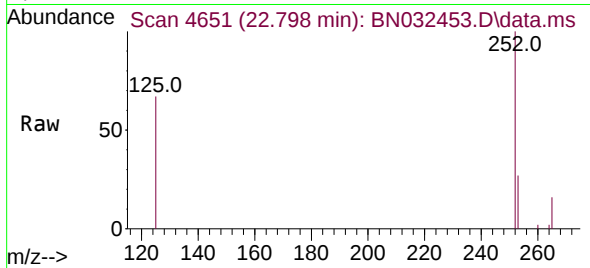
Tgt Ion:252 Resp: 151343
Ion Ratio Lower Upper
252 100
253 24.3 0.0 50.2
125 16.3 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.605 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.003 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23

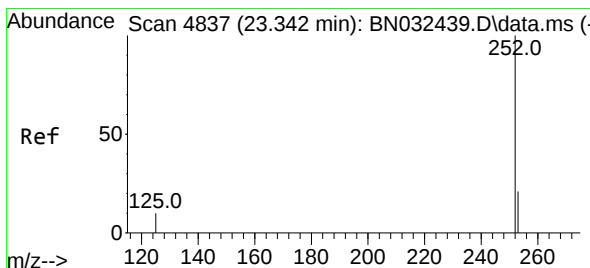
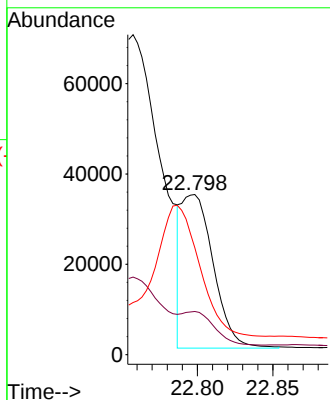
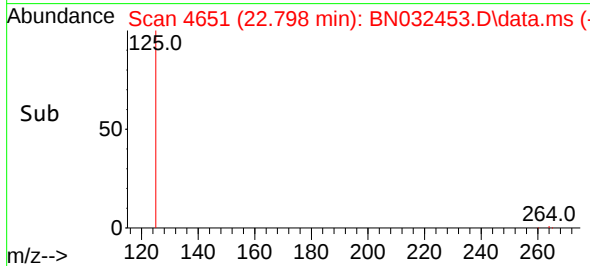
Instrument :
BNA_N
ClientSampleId :
A4BQ2DL



Tgt Ion:252 Resp: 50059
Ion Ratio Lower Upper
252 100
253 27.0 20.3 30.5
125 66.7 12.8 19.2

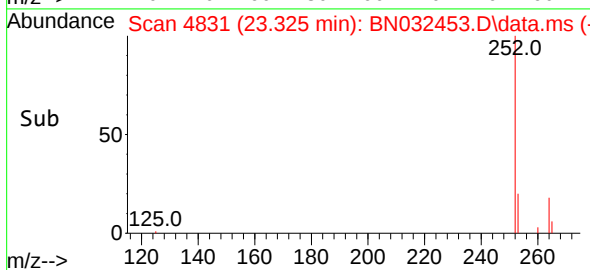
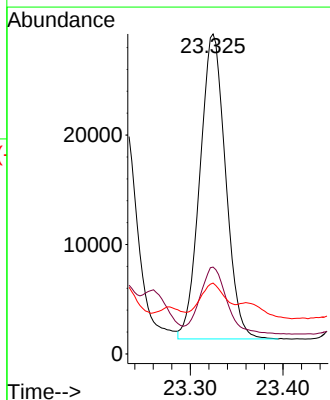
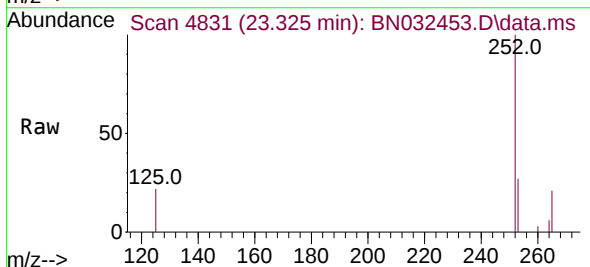
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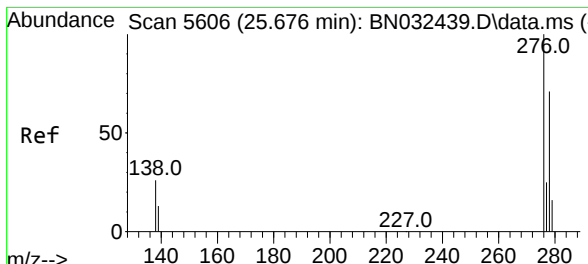
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#26
Benzo(a)pyrene
Concen: 0.902 ng/ul
RT: 23.325 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23

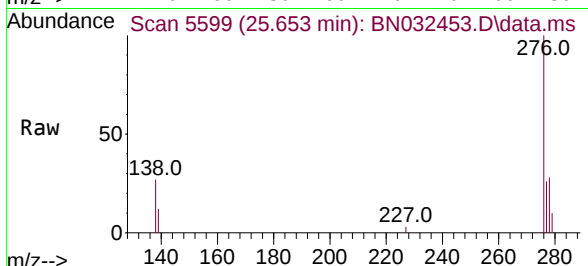
Tgt Ion:252 Resp: 53488
Ion Ratio Lower Upper
252 100
253 27.1 22.2 33.2
125 22.1 16.4 24.6





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.688 ng/ul
 RT: 25.653 min Scan# 5599
 Delta R.T. -0.007 min
 Lab File: BN032453.D
 Acq: 04 Jul 2024 01:23

Instrument :
 BNA_N
 ClientSampleId :
 A4BQ2DL

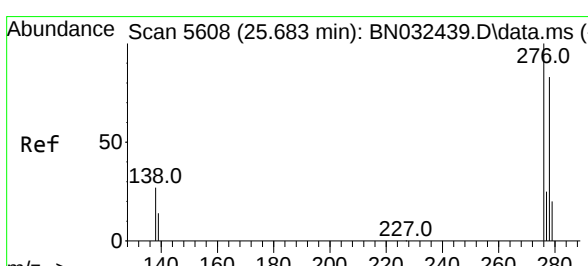
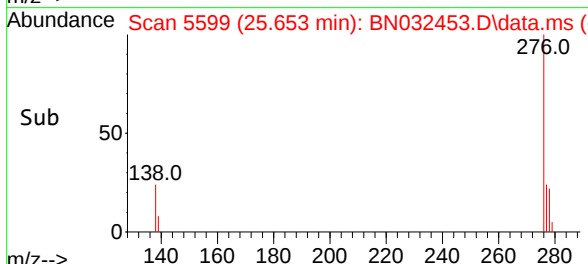
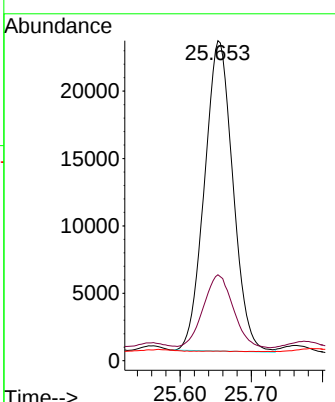


Tgt Ion: 276 Resp: 6382

Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.3	31.9
227	0.1	0.1	0.1

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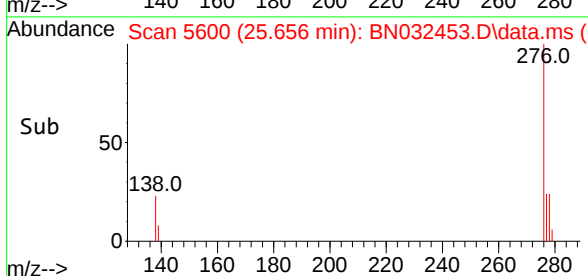
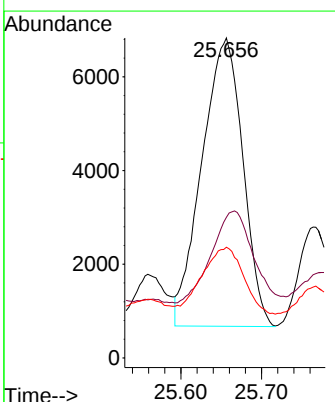
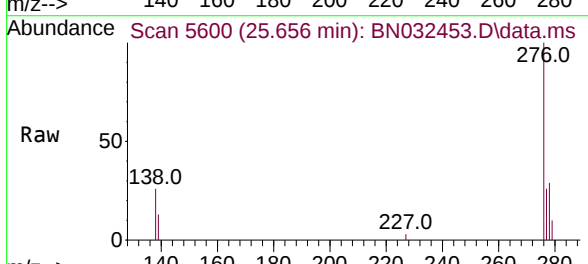
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

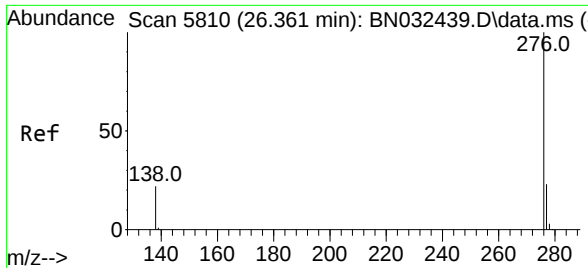


#28
 Dibenzo(a,h)anthracene
 Concen: 0.314 ng/ul
 RT: 25.656 min Scan# 5600
 Delta R.T. -0.010 min
 Lab File: BN032453.D
 Acq: 04 Jul 2024 01:23

Tgt Ion: 278 Resp: 21687

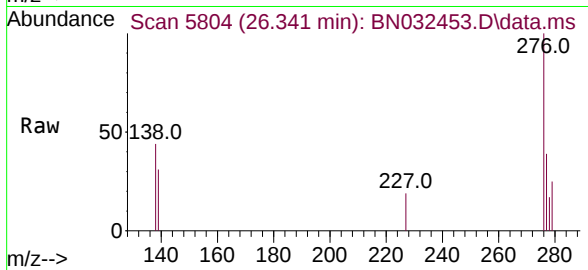
Ion	Ratio	Lower	Upper
278	100		
139	44.0	15.9	23.9#
279	34.6	21.1	31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.138 ng/ul
RT: 26.341 min Scan# 5804
Delta R.T. -0.003 min
Lab File: BN032453.D
Acq: 04 Jul 2024 01:23

Instrument :
BNA_N
ClientSampleId :
A4BQ2DL



Tgt Ion:276 Resp: 10238
Ion Ratio Lower Upper
276 100
138 43.6 19.8 29.6
277 38.7 19.8 29.6

Manual Integrations
APPROVED

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

