

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032451.D
 Acq On : 04 Jul 2024 00:11
 Operator : MA/JU
 Sample : P2963-15DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR9DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 00:38:42 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	7076	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	21349	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	12015	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	21442	0.400	ng/ul	0.00
17) Chrysene-d12	21.205	240	16448	0.400	ng/ul	# 0.00
23) Perylene-d12	23.421	264	20187	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	5874	0.747	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.976	152	1593	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	2658	0.054	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.426	128	7093	0.126	ng/ul#	96
7) 2-Methylnaphthalene	12.053	142	2258	0.060	ng/ul	97
8) 1-Methylnaphthalene	12.273	142	1600	0.041	ng/ul	99
10) Acenaphthylene	13.971	152	10182	0.204	ng/ul	97
11) Acenaphthene	14.313	153	4790	0.124	ng/ul	100
12) Fluorene	15.303	166	5497	0.119	ng/ul#	98
15) Phenanthrene	17.045	178	121605	2.069	ng/ul	99
16) Anthracene	17.138	178	24324	0.464	ng/ul	98
19) Fluoranthene	19.073	202	269784	4.307	ng/ul	100
20) Pyrene	19.436	202	189985	2.903	ng/ul	99
21) Benzo(a)anthracene	21.188	228	112045	1.887	ng/ul	97
22) Chrysene	21.240	228	136668	2.097	ng/ul	97
24) Benzo(b)fluoranthene	22.754	252	201332m	2.296	ng/ul	
25) Benzo(k)fluoranthene	22.792	252	75133m	0.882	ng/ul	
26) Benzo(a)pyrene	23.321	252	71200	1.167	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.653	276	76189	0.797	ng/ul	93
28) Dibenzo(a,h)anthracene	25.653	278	25823	0.364	ng/ul#	81
29) Benzo(g,h,i)perylene	26.340	276	10990	0.144	ng/ul#	71

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

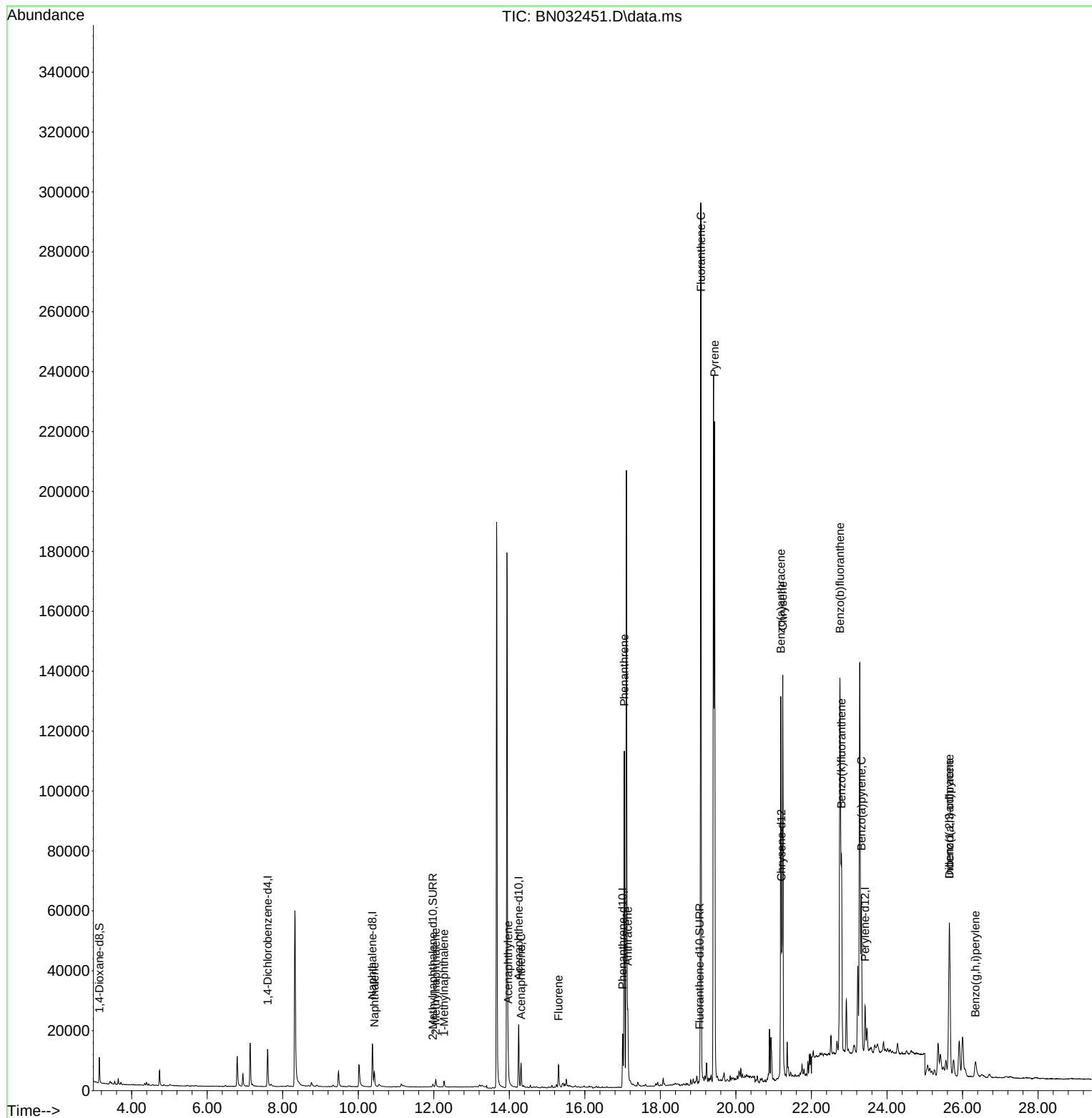
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032451.D
Acq On : 04 Jul 2024 00:11
Operator : MA/JU
Sample : P2963-15DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

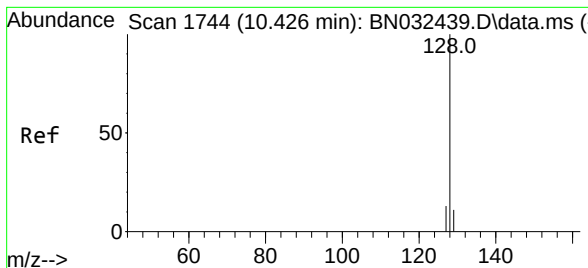
Instrument :
BNA_N
ClientSampleId :
A4CR9DL

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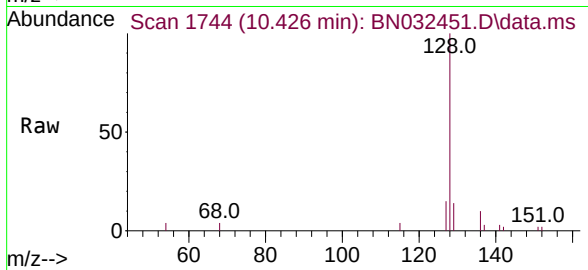
Quant Time: Jul 04 00:38:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.126 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

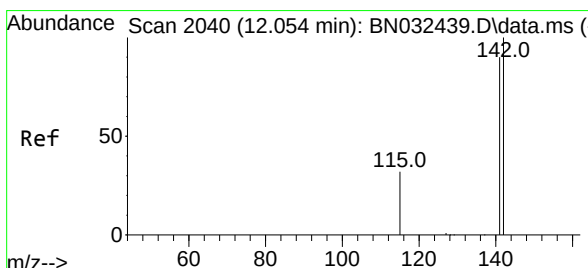
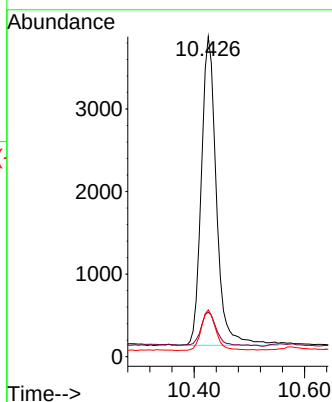
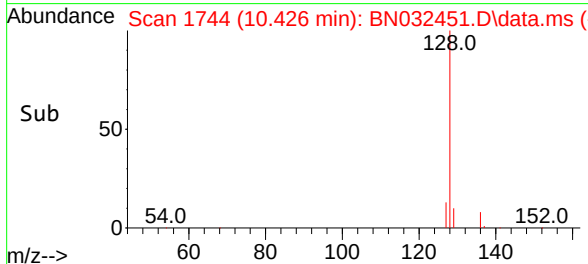
Instrument :
BNA_N
ClientSampleId :
A4CR9DL



Tgt Ion:128 Resp: 7093
Ion Ratio Lower Upper
128 100
129 13.9 9.2 13.8
127 14.7 10.8 16.2

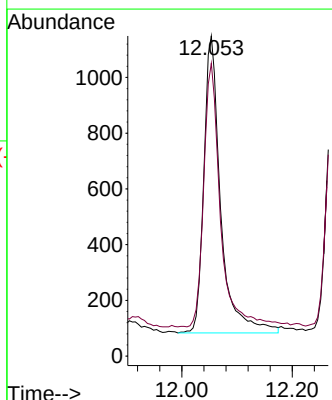
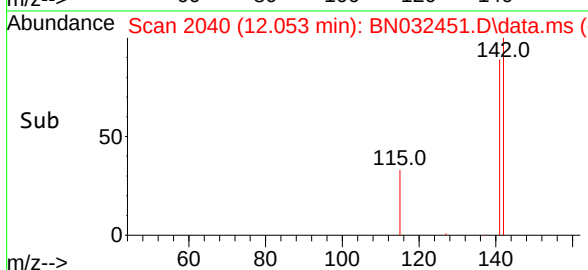
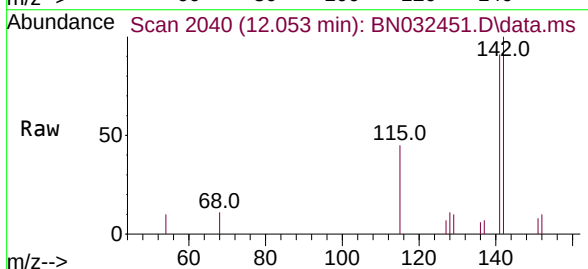
Manual Integrations
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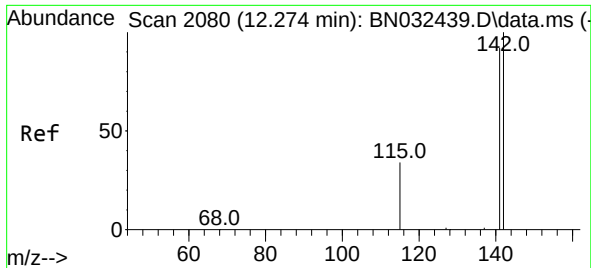
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.053 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

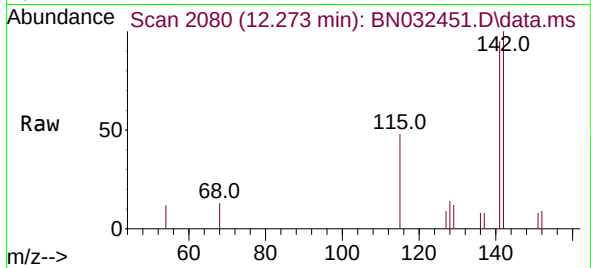
Tgt Ion:142 Resp: 2258
Ion Ratio Lower Upper
142 100
141 87.6 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.273 min Scan# 2080
Delta R.T. -0.000 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

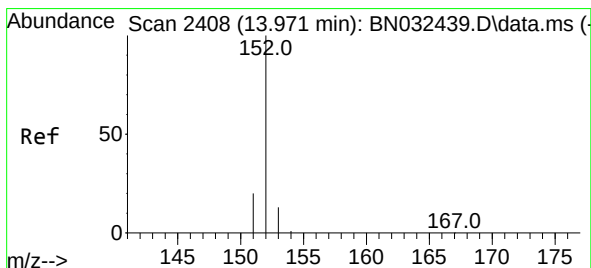
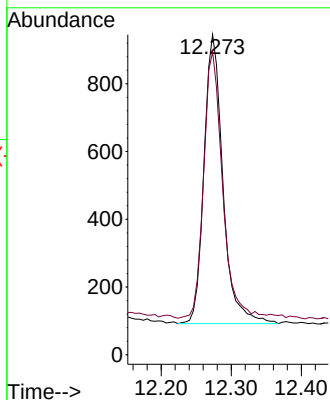
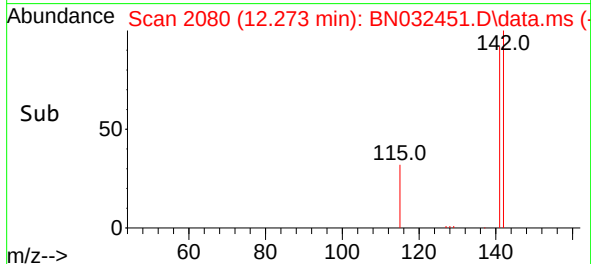
Instrument :
BNA_N
ClientSampleId :
A4CR9DL



Tgt Ion:142 Resp: 1600
Ion Ratio Lower Upper
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141 92.9 73.4 110.0

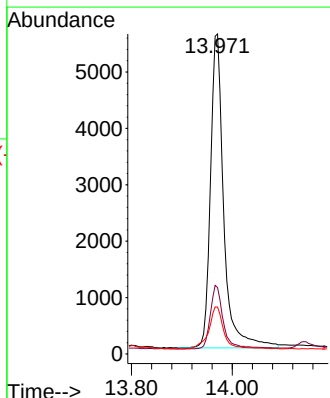
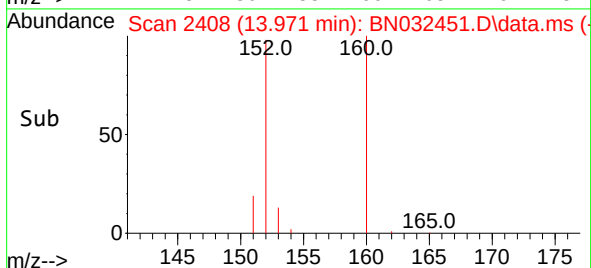
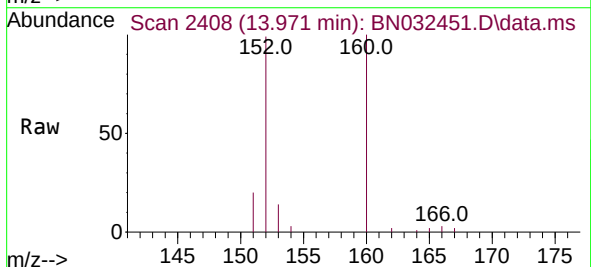
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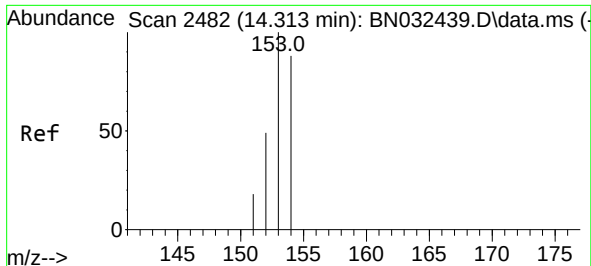
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.204 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

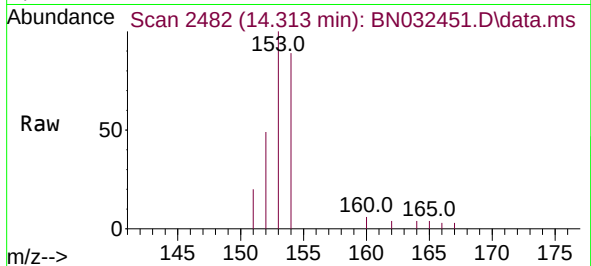
Tgt Ion:152 Resp: 10182
Ion Ratio Lower Upper
152 100
151 20.8 15.7 23.5
153 14.6 10.9 16.3





#11
Acenaphthene
Concen: 0.124 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

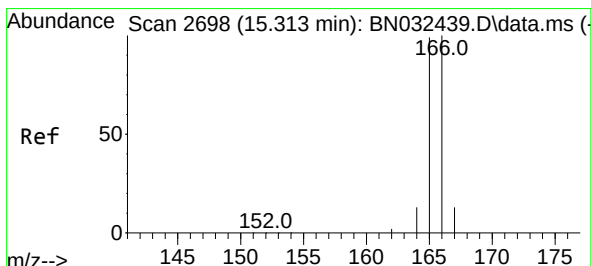
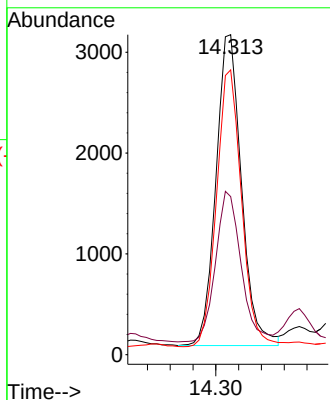
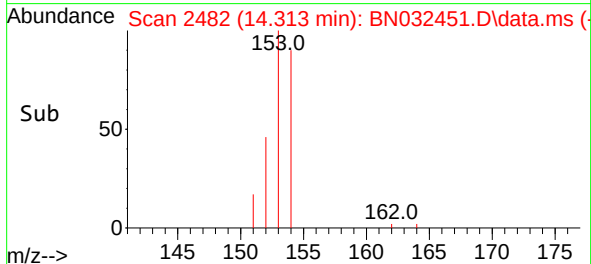
Instrument :
BNA_N
ClientSampleId :
A4CR9DL



Tgt Ion:153 Resp: 4790
Ion Ratio Lower Upper
153 100
152 49.4 39.5 59.3
154 89.0 71.7 107.5

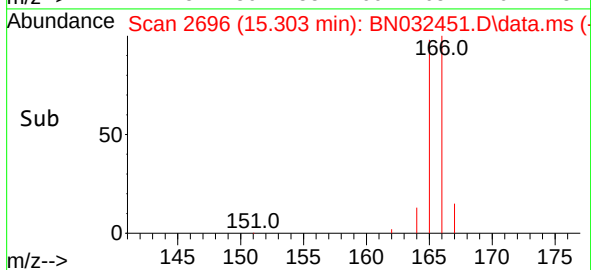
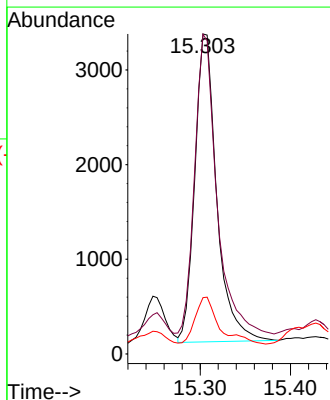
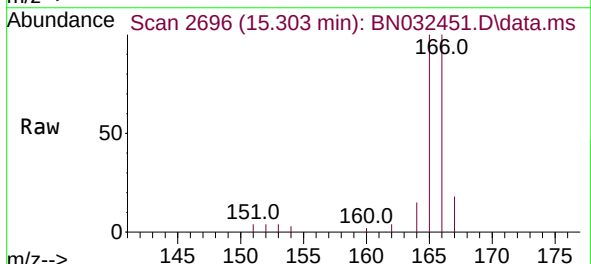
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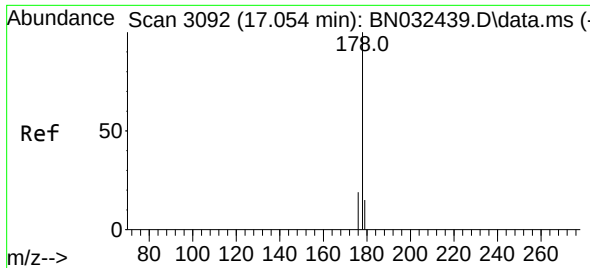
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.119 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

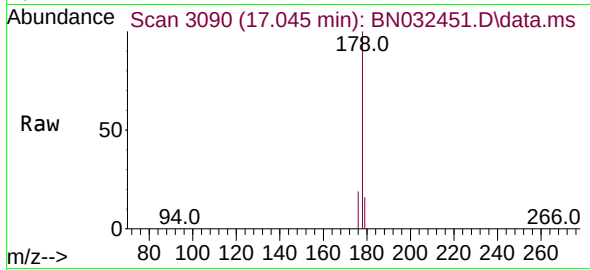
Tgt Ion:166 Resp: 5497
Ion Ratio Lower Upper
166 100
165 99.9 79.0 118.6
167 17.6 11.0 16.6#





#15
Phenanthrene
Concen: 2.069 ng/ul
RT: 17.045 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

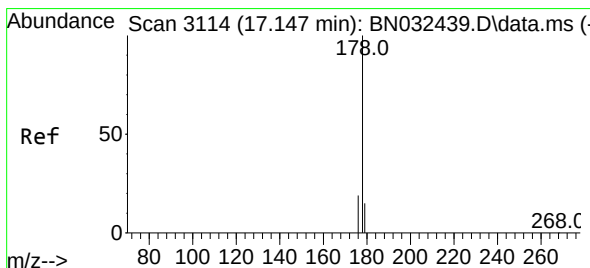
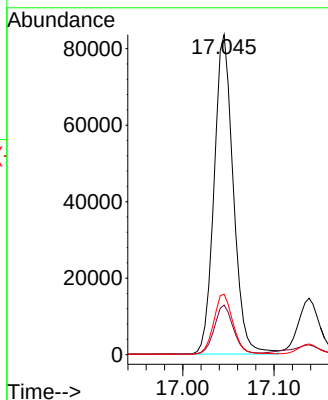
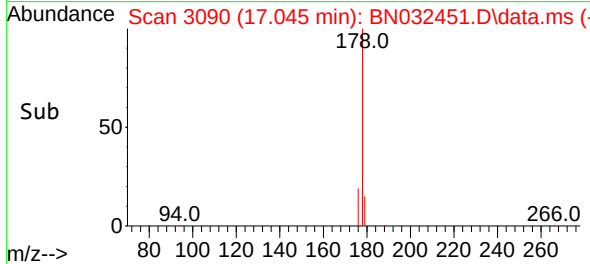
Instrument :
BNA_N
ClientSampleId :
A4CR9DL



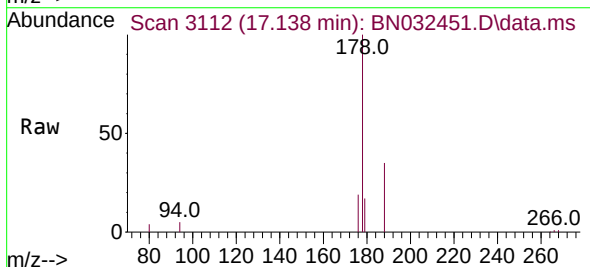
Tgt Ion:178 Resp: 121609
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.9 15.6 23.4

Manual Integrations
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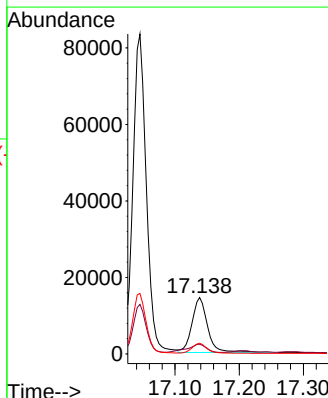
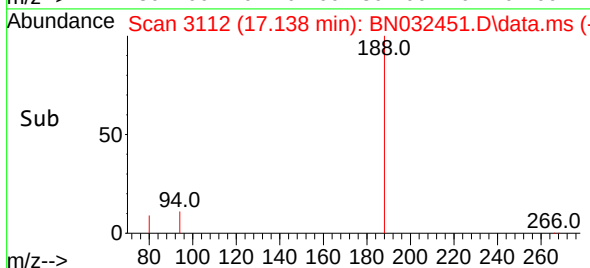
Reviewed By :Yogesh Patel 07/05/2024
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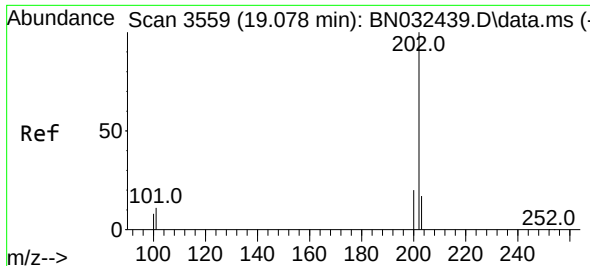


#16
Anthracene
Concen: 0.464 ng/ul
RT: 17.138 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11



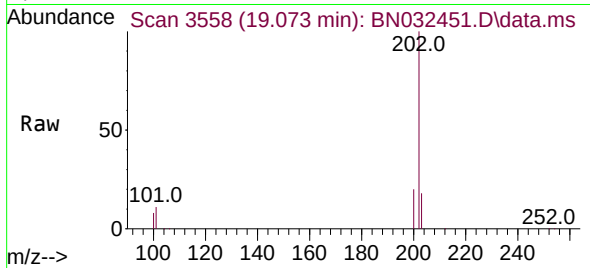
Tgt Ion:178 Resp: 24324
Ion Ratio Lower Upper
178 100
179 17.2 12.5 18.7
176 18.9 15.0 22.6





#19
Fluoranthene
Concen: 4.307 ng/ul
RT: 19.073 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

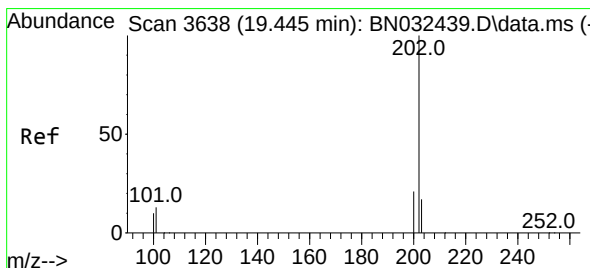
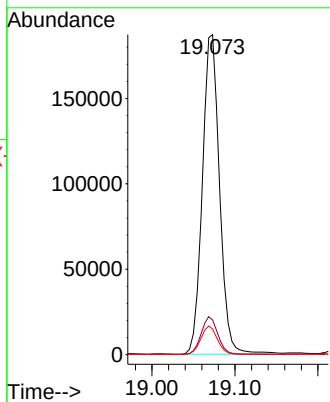
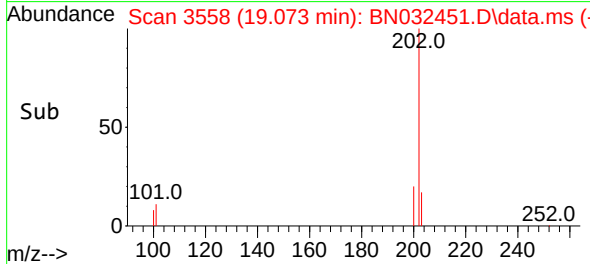
Instrument :
BNA_N
ClientSampleId :
A4CR9DL



Tgt Ion:202 Resp: 269784
Ion Ratio Lower Upper
202 100
101 10.8 8.8 13.2
100 8.0 6.4 9.6

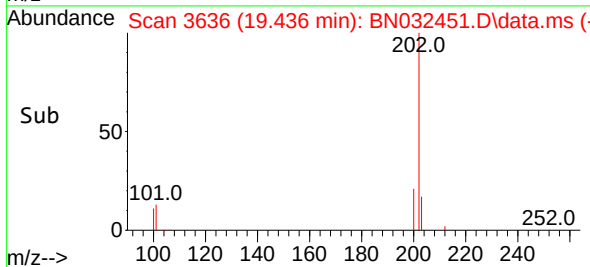
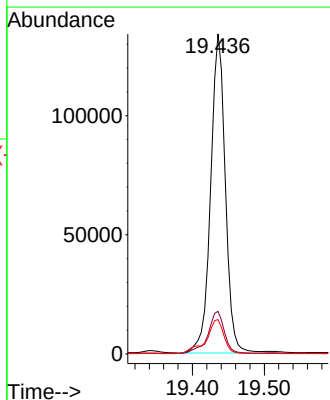
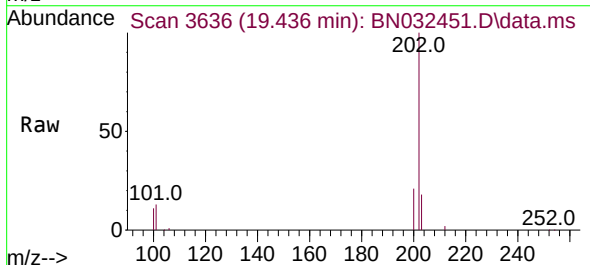
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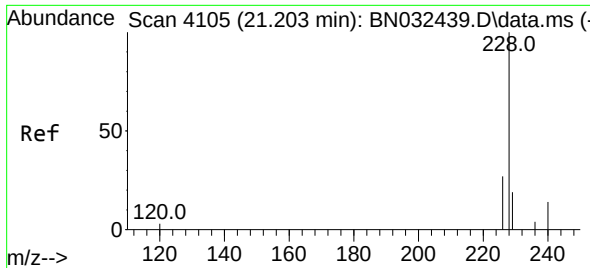
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 2.903 ng/ul
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

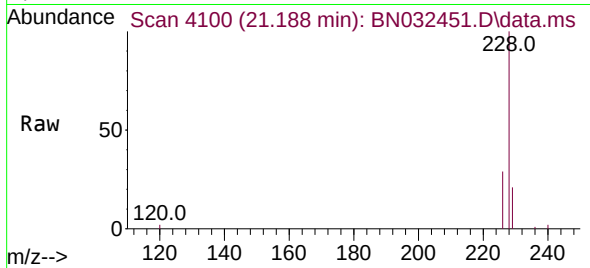
Tgt Ion:202 Resp: 189985
Ion Ratio Lower Upper
202 100
101 13.3 11.0 16.4
100 10.8 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.887 ng/ul
RT: 21.188 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

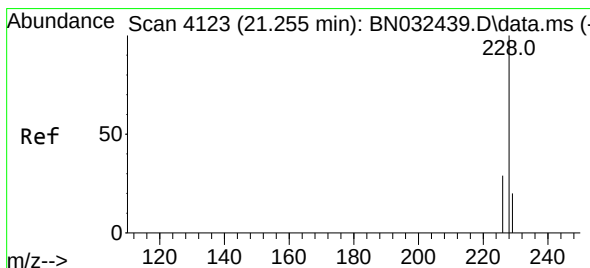
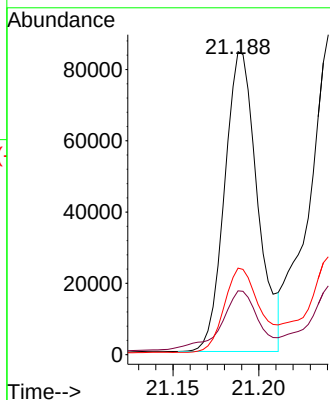
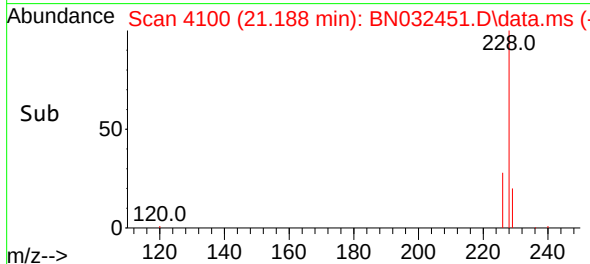
Instrument :
BNA_N
ClientSampleId :
A4CR9DL



Tgt Ion:228 Resp: 112045
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.6 21.8 32.8

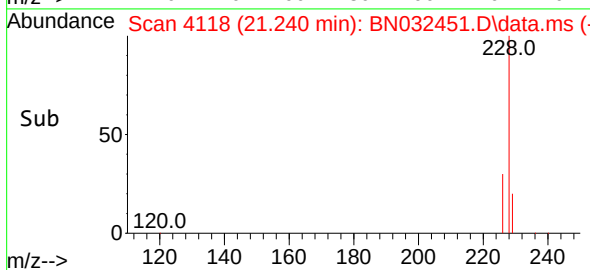
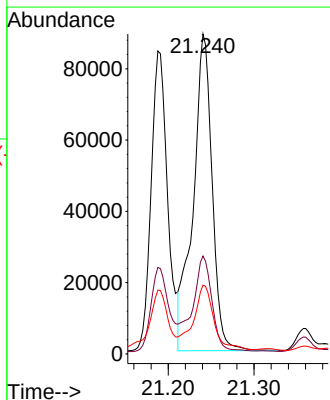
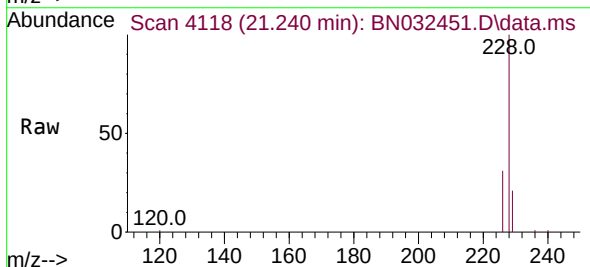
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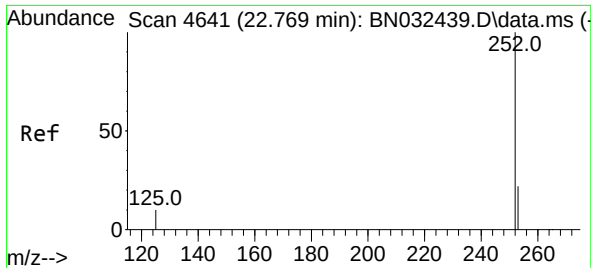
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 2.097 ng/ul
RT: 21.240 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

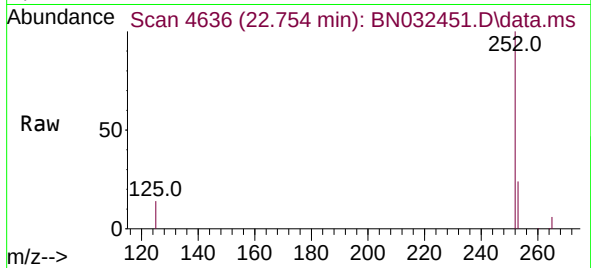
Tgt Ion:228 Resp: 136668
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.296 ng/ul m
RT: 22.754 min Scan# 4636
Delta R.T. -0.003 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

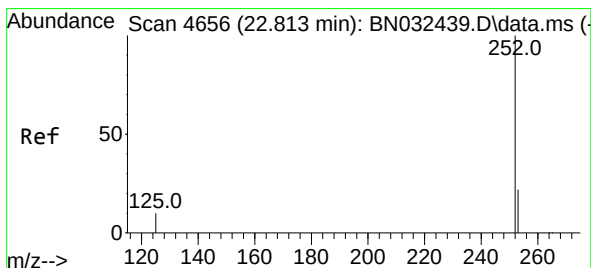
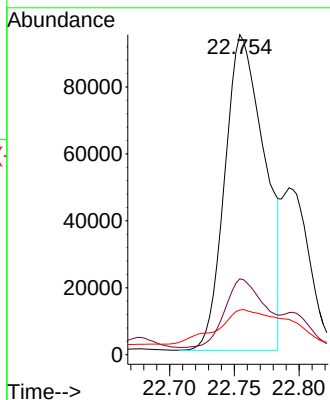
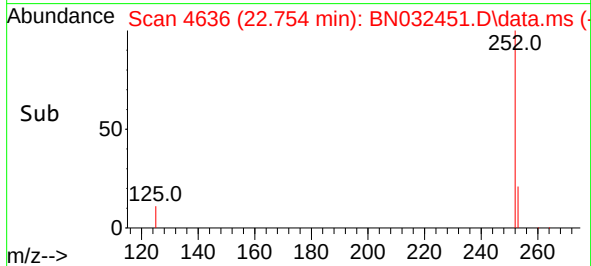
Instrument :
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ClientSampleId :
A4CR9DL



Tgt Ion:252 Resp: 20133
Ion Ratio Lower Upper
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253 23.7 0.0 50.2
125 13.9 0.0 32.0

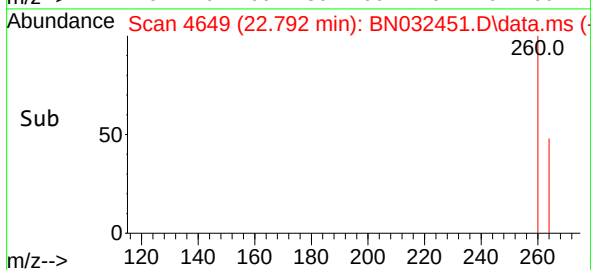
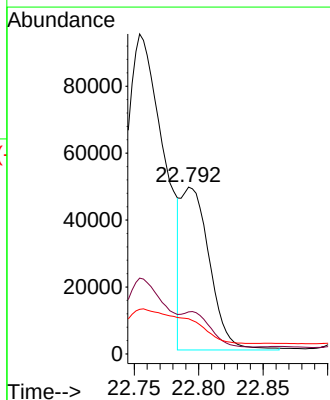
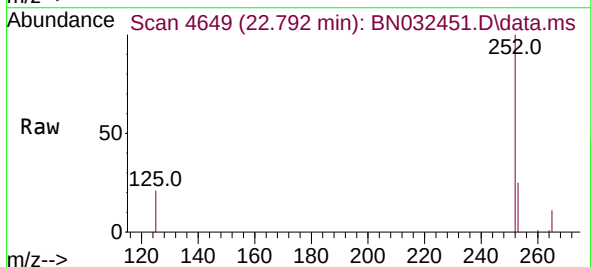
Manual Integrations
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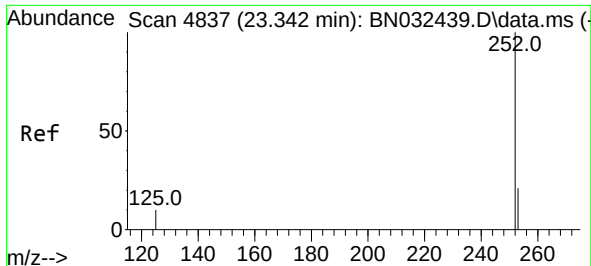
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.882 ng/ul m
RT: 22.792 min Scan# 4649
Delta R.T. -0.009 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

Tgt Ion:252 Resp: 75133
Ion Ratio Lower Upper
252 100
253 25.2 20.3 30.5
125 21.1 12.8 19.2#





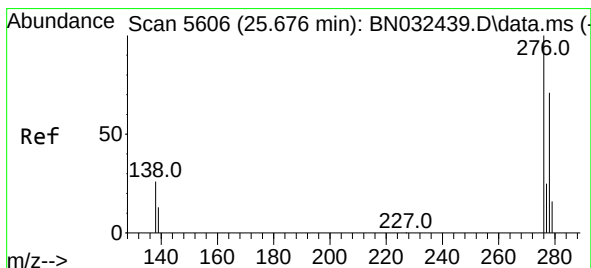
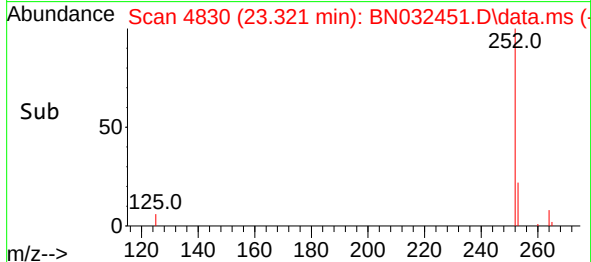
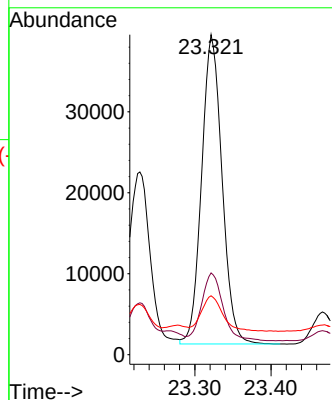
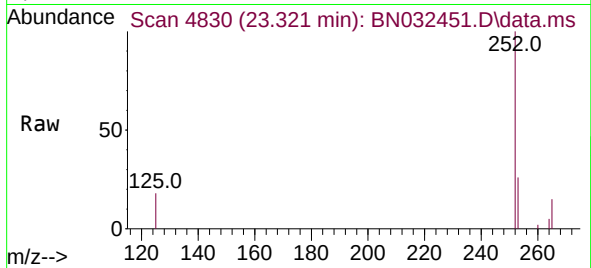
#26
Benzo(a)pyrene
Concen: 1.167 ng/ul
RT: 23.321 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

Instrument :
BNA_N
ClientSampleId :
A4CR9DL

Tgt Ion:252 Resp: 71200
Ion Ratio Lower Upper
252 100
253 25.5 22.2 33.2
125 18.4 16.4 24.6

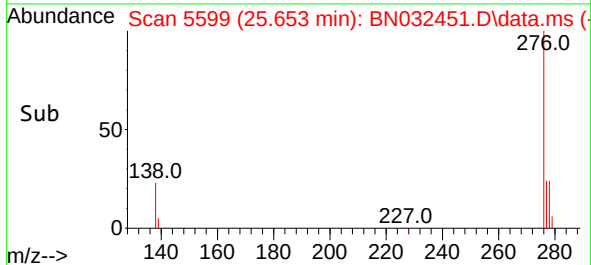
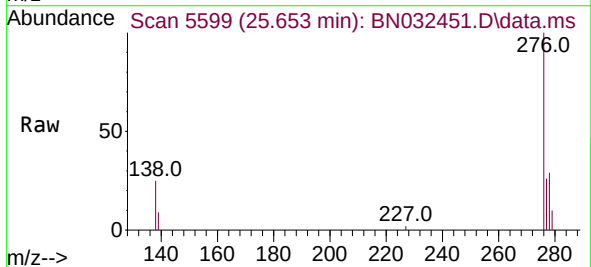
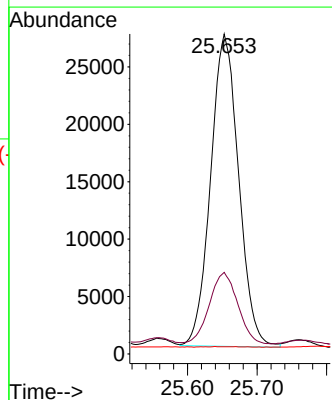
Manual Integrations
APPROVED

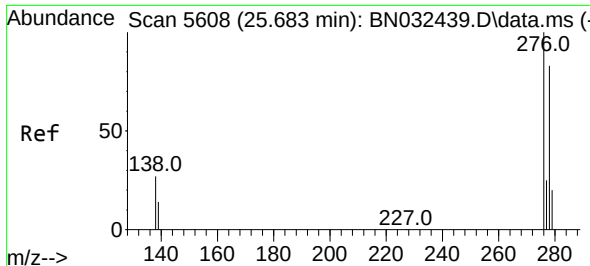
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.797 ng/ul
RT: 25.653 min Scan# 5599
Delta R.T. -0.007 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

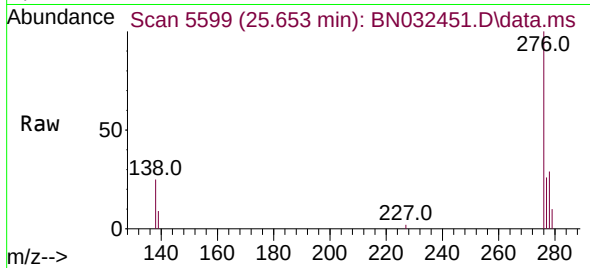
Tgt Ion:276 Resp: 76189
Ion Ratio Lower Upper
276 100
138 23.2 21.3 31.9
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 25.653 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11

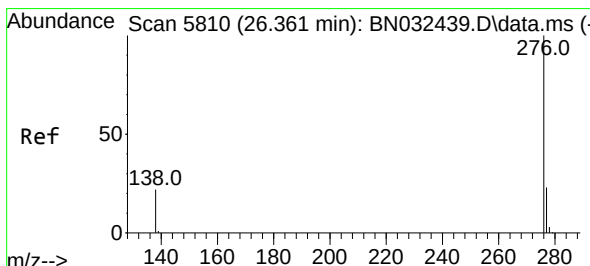
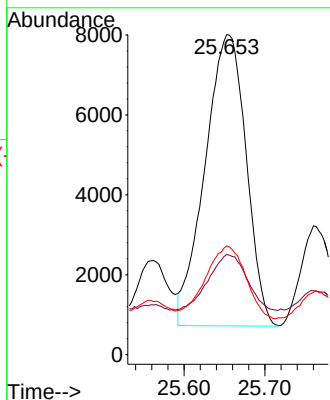
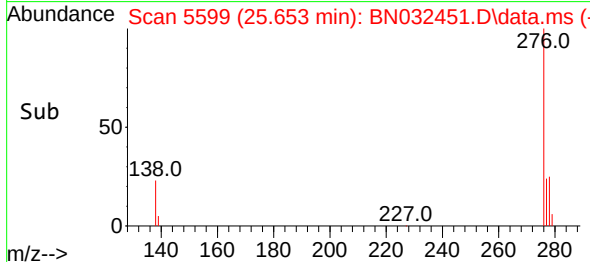
Instrument :
BNA_N
ClientSampleId :
A4CR9DL



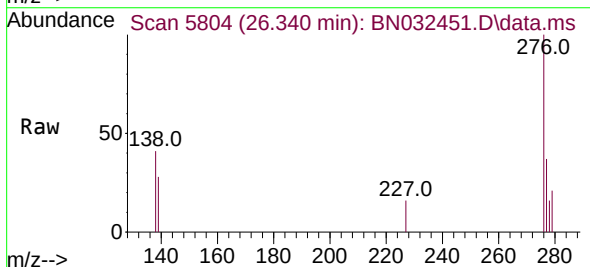
Tgt Ion:278 Resp: 2582
Ion Ratio Lower Upper
278 100
139 31.3 15.9 23.9#
279 34.0 21.1 31.7#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.144 ng/ul
RT: 26.340 min Scan# 5804
Delta R.T. -0.004 min
Lab File: BN032451.D
Acq: 04 Jul 2024 00:11



Tgt Ion:276 Resp: 10990
Ion Ratio Lower Upper
276 100
138 41.0 19.8 29.6#
277 36.9 19.8 29.6#

