

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032464.D
 Acq On : 04 Jul 2024 08:34
 Operator : MA/JU
 Sample : P2963-07DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ8DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 08:59:29 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	7710	0.400	ng/ul	0.00
4) Naphthalene-d8	10.375	136	23680	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.247	164	13681	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.002	188	24948	0.400	ng/ul	0.00
17) Chrysene-d12	21.209	240	16576	0.400	ng/ul	# 0.00
23) Perylene-d12	23.424	264	21583	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	6656	0.777	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	1911	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	3637	0.073	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.424	128	37533	0.599	ng/ul	100
7) 2-Methylnaphthalene	12.046	142	15297	0.368	ng/ul	99
8) 1-Methylnaphthalene	12.266	142	11485	0.267	ng/ul	100
10) Acenaphthylene	13.965	152	29784	0.523	ng/ul	98
11) Acenaphthene	14.307	153	38944	0.882	ng/ul	98
12) Fluorene	15.302	166	39635	0.753	ng/ul	98
14) Pentachlorophenol	16.668	266	113	0.020	ng/ul	97
15) Phenanthrene	17.044	178	653511	9.555	ng/ul	99
16) Anthracene	17.132	178	137467	2.253	ng/ul	99
19) Fluoranthene	19.072	202	794477	12.587	ng/ul	100
20) Pyrene	19.434	202	614490	9.316	ng/ul	100
21) Benzo(a)anthracene	21.191	228	362828	6.065	ng/ul	98
22) Chrysene	21.244	228	382465	5.824	ng/ul	97
24) Benzo(b)fluoranthene	22.760	252	493471m	5.263	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	167397m	1.837	ng/ul	
26) Benzo(a)pyrene	23.325	252	212485	3.257	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.653	276	190848	1.868	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.653	278	71965	0.948	ng/ul	92
29) Benzo(g,h,i)perylene	26.340	276	27684	0.340	ng/ul#	86

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

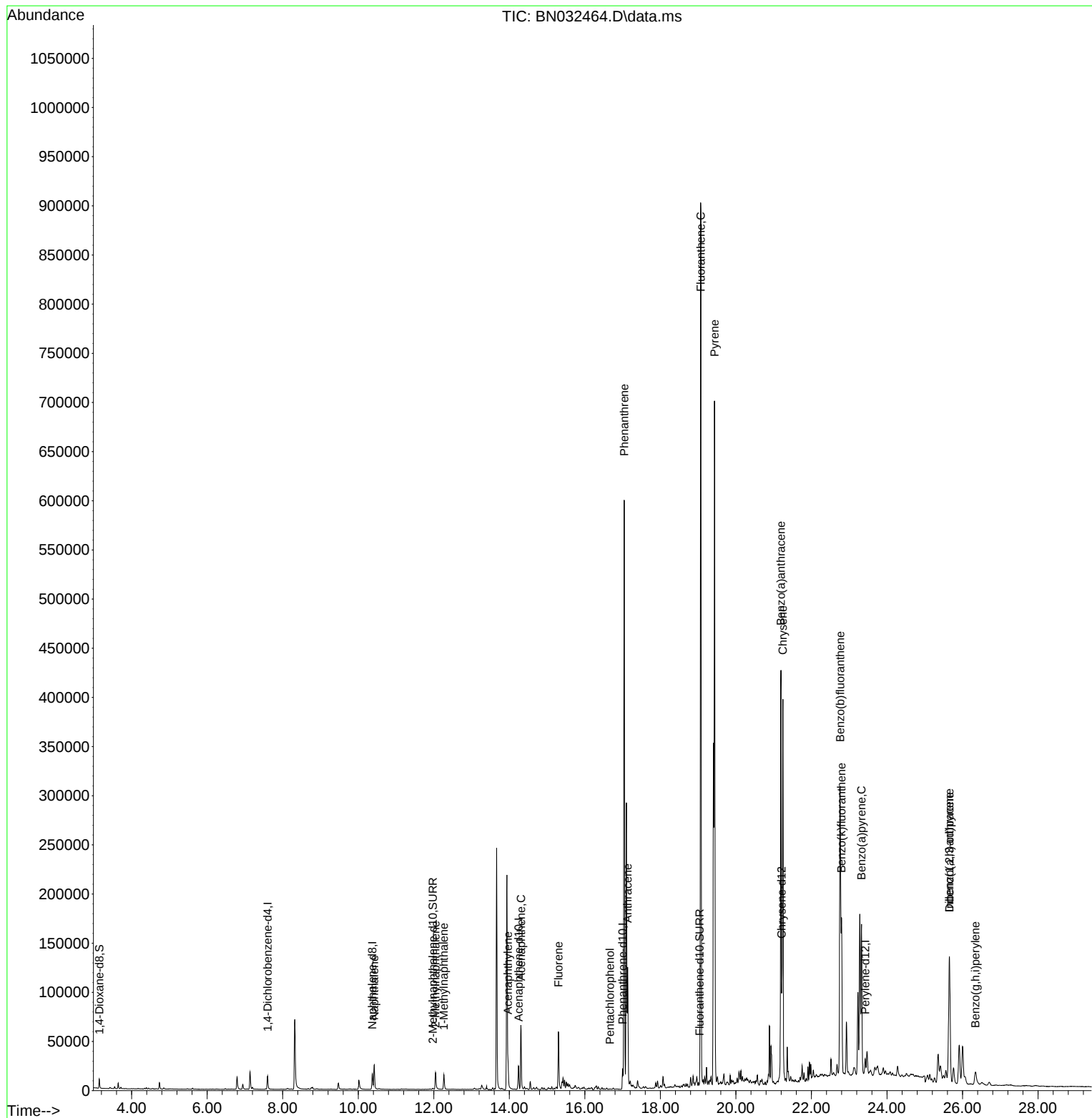
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032464.D
Acq On : 04 Jul 2024 08:34
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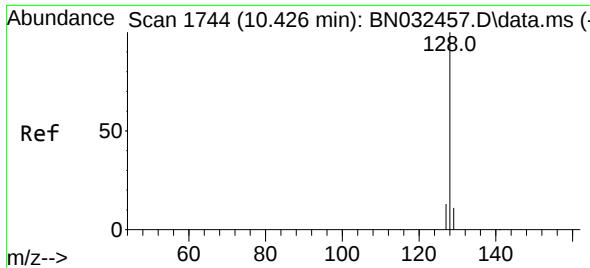
Instrument :
BNA_N
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Quant Time: Jul 04 08:59:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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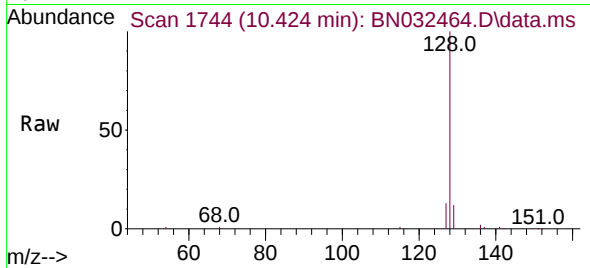
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024





#5
Naphthalene
Concen: 0.599 ng/ul
RT: 10.424 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN032464.D
Acq: 04 Jul 2024 08:34

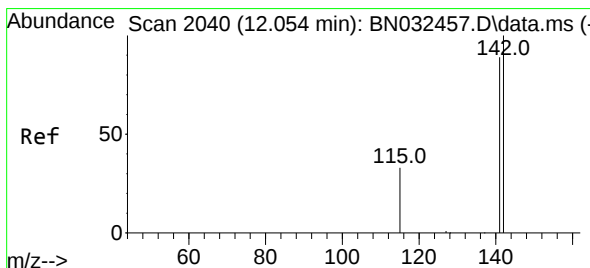
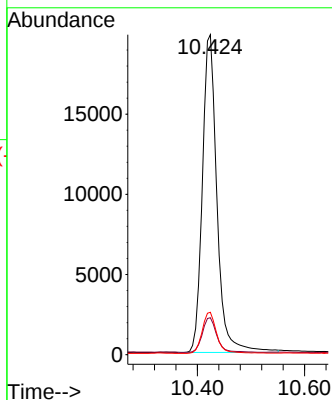
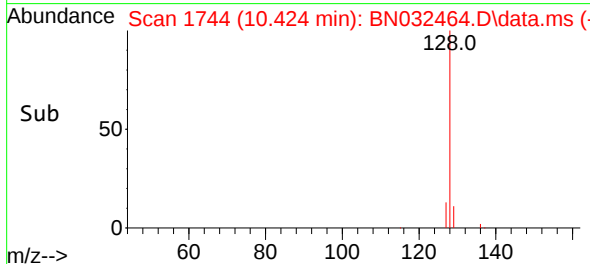
Instrument :
BNA_N
ClientSampleId :
A4CQ8DL



Tgt Ion:128 Resp: 3753
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.2 10.8 16.2

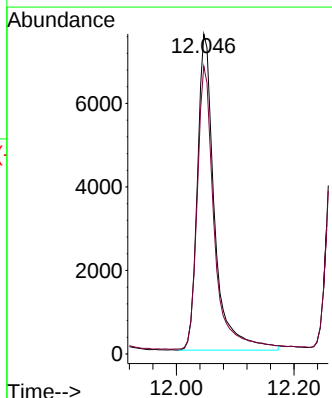
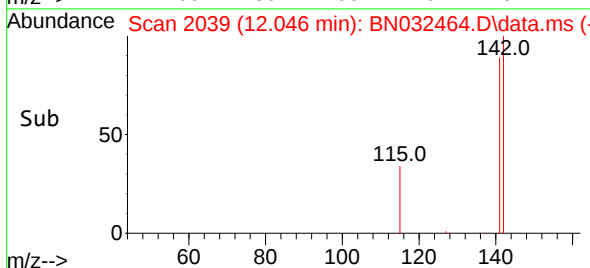
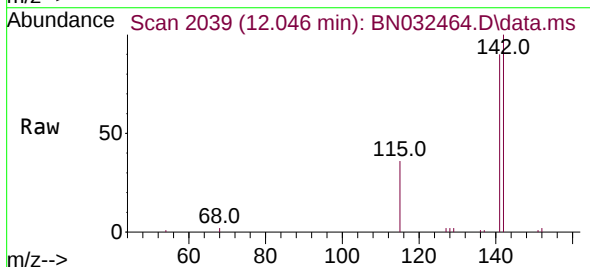
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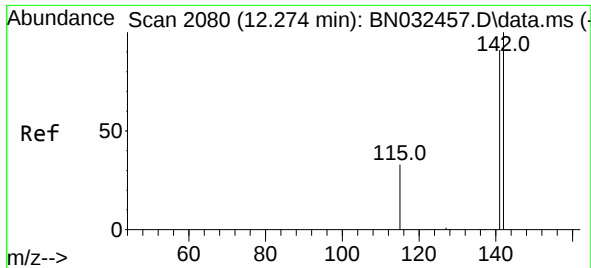
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.046 min Scan# 2039
Delta R.T. -0.007 min
Lab File: BN032464.D
Acq: 04 Jul 2024 08:34

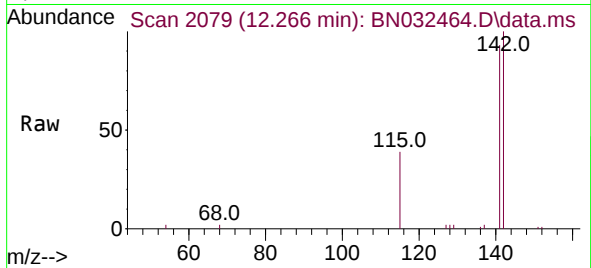
Tgt Ion:142 Resp: 15297
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.267 ng/ul
RT: 12.266 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BN032464.D
Acq: 04 Jul 2024 08:34

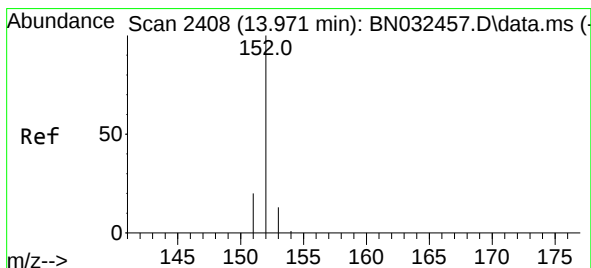
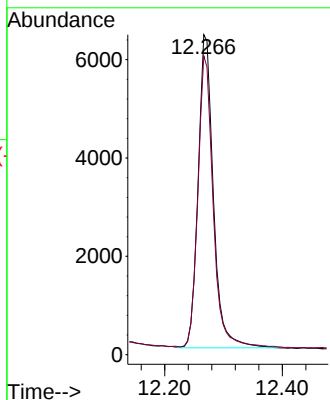
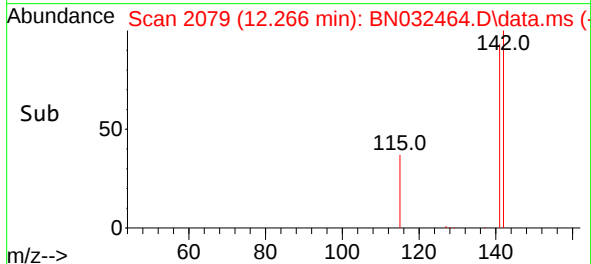
Instrument :
BNA_N
ClientSampleId :
A4CQ8DL



Tgt Ion:142 Resp: 11485
Ion Ratio Lower Upper
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141 92.0 73.4 110.0

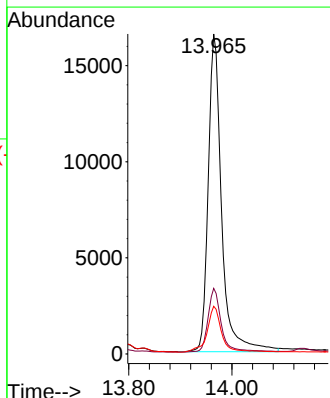
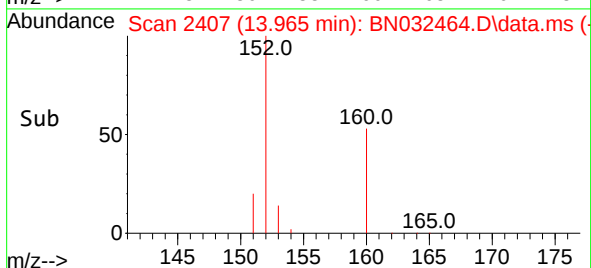
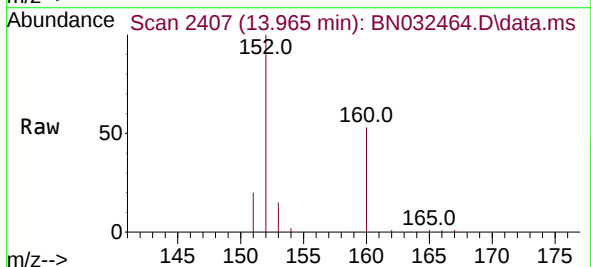
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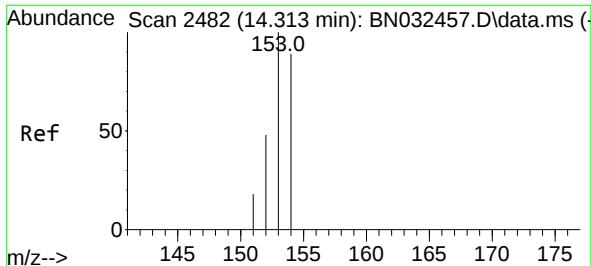
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.523 ng/ul
RT: 13.965 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BN032464.D
Acq: 04 Jul 2024 08:34

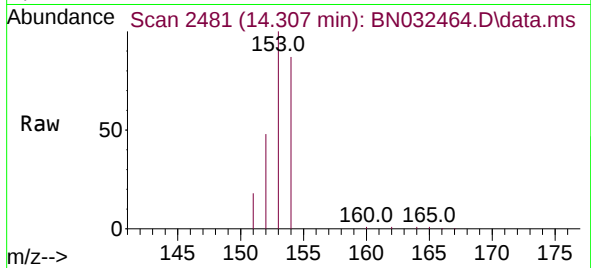
Tgt Ion:152 Resp: 29784
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 14.9 10.9 16.3





#11
Acenaphthene
Concen: 0.882 ng/ul
RT: 14.307 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BN032464.D
Acq: 04 Jul 2024 08:34

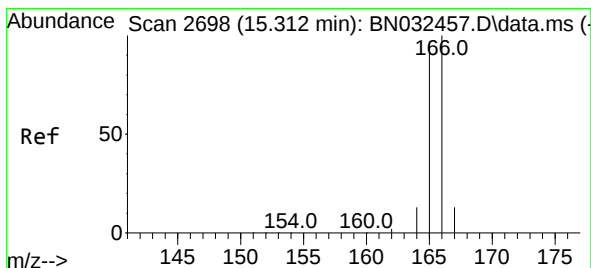
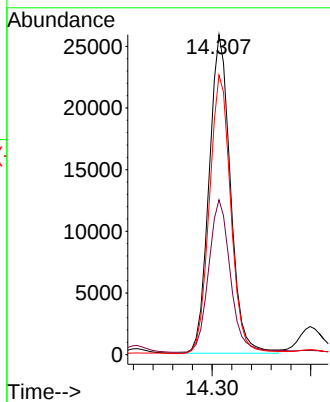
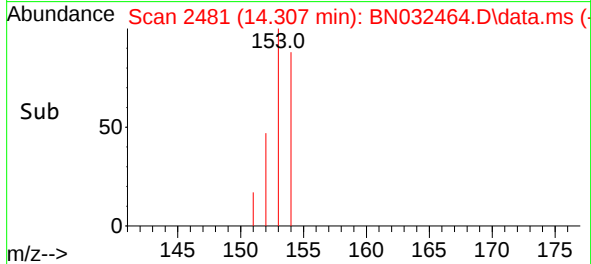
Instrument :
BNA_N
ClientSampleId :
A4CQ8DL



Tgt Ion:153 Resp: 38944
Ion Ratio Lower Upper
153 100
152 48.4 39.5 59.3
154 87.4 71.7 107.5

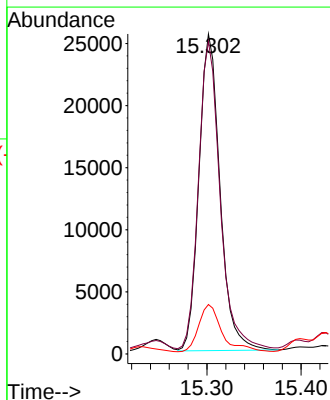
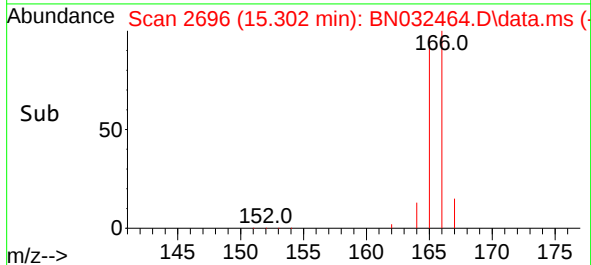
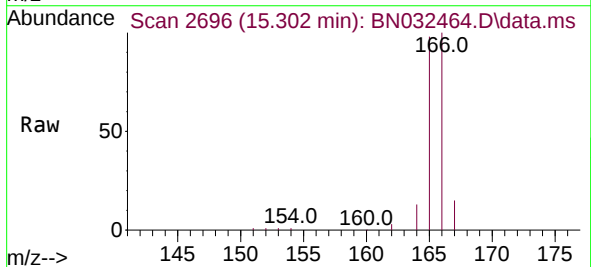
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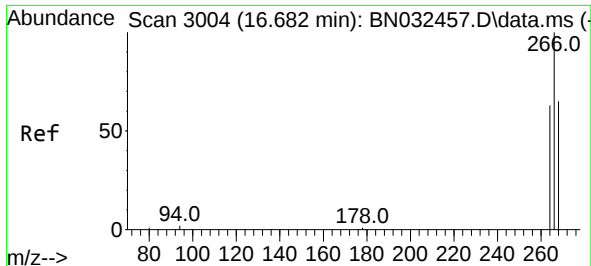
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.753 ng/ul
RT: 15.302 min Scan# 2696
Delta R.T. -0.011 min
Lab File: BN032464.D
Acq: 04 Jul 2024 08:34

Tgt Ion:166 Resp: 39635
Ion Ratio Lower Upper
166 100
165 97.6 79.0 118.6
167 15.4 11.0 16.6





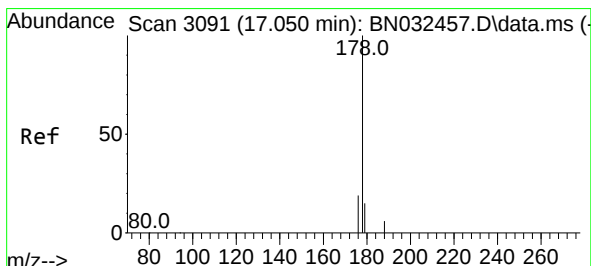
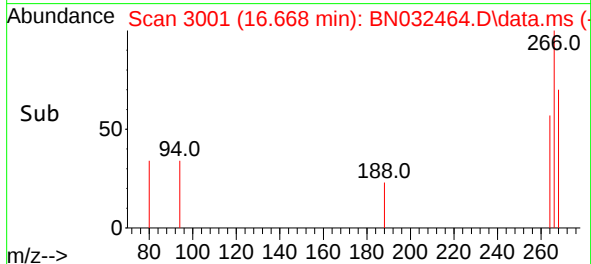
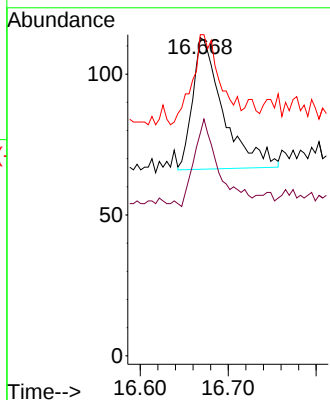
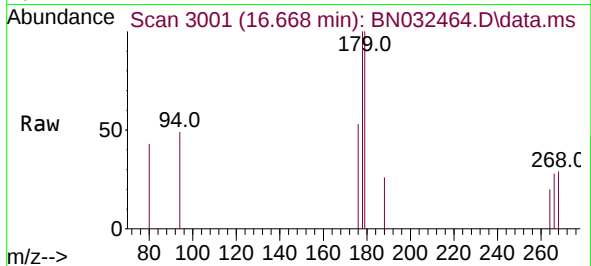
#14
Pentachlorophenol
Concen: 0.020 ng/ul
RT: 16.668 min Scan# 3001
Delta R.T. -0.006 min
Lab File: BN032464.D
Acq: 04 Jul 2024 08:34

Instrument :
BNA_N
ClientSampleId :
A4CQ8DL

Tgt Ion:266 Resp: 111
Ion Ratio Lower Upper
266 100
264 59.3 49.9 74.9
268 64.6 52.4 78.6

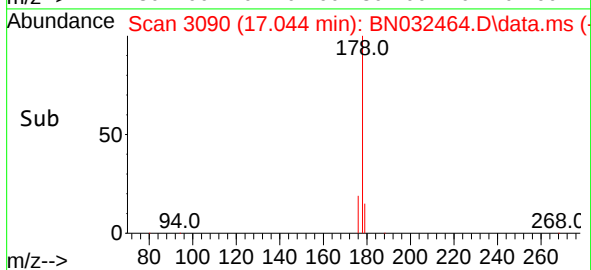
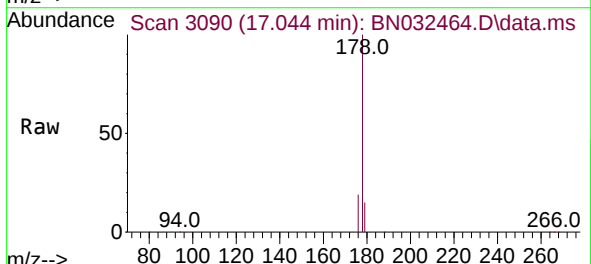
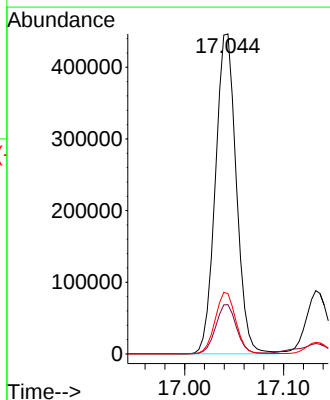
Manual Integrations
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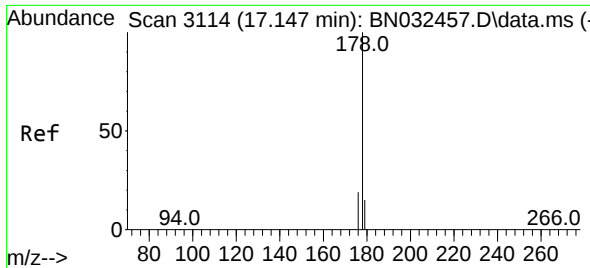
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#15
Phenanthrene
Concen: 9.555 ng/ul
RT: 17.044 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BN032464.D
Acq: 04 Jul 2024 08:34

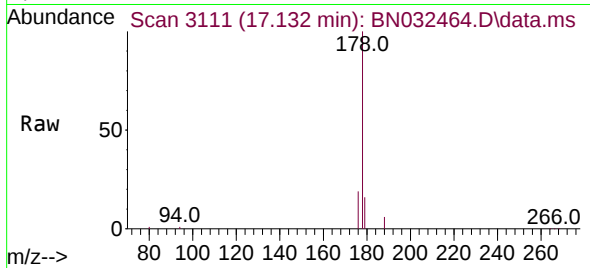
Tgt Ion:178 Resp: 653511
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 18.9 15.6 23.4





#16
 Anthracene
 Concen: 2.253 ng/ul
 RT: 17.132 min Scan# 3111
 Delta R.T. -0.010 min
 Lab File: BN032464.D
 Acq: 04 Jul 2024 08:34

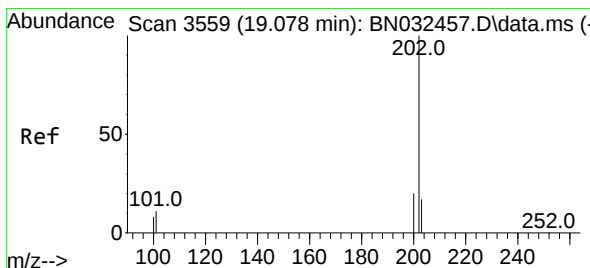
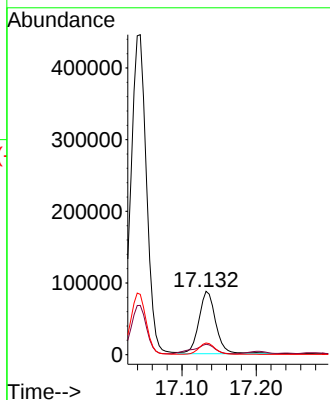
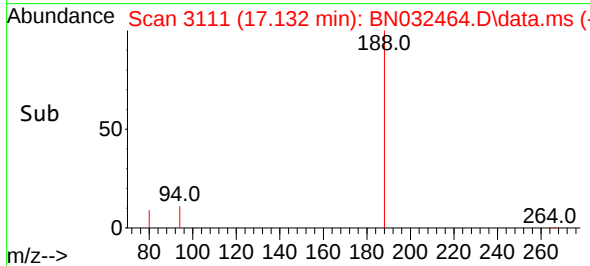
Instrument :
 BNA_N
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 A4CQ8DL



Tgt Ion:178 Resp: 137461
 Ion Ratio Lower Upper
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 179 16.5 12.5 18.7
 176 18.5 15.0 22.6

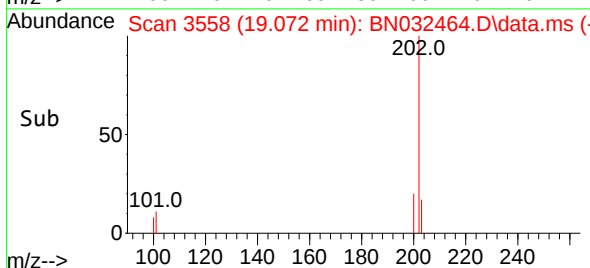
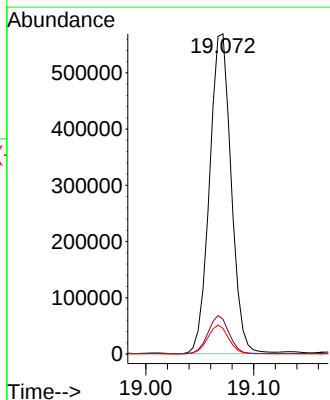
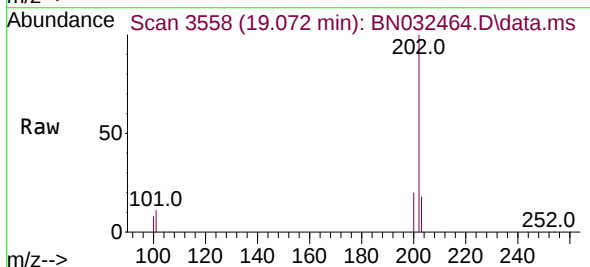
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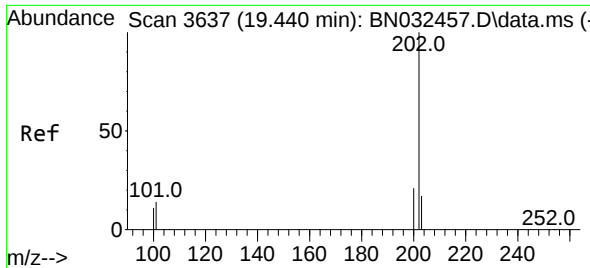
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#19
 Fluoranthene
 Concen: 12.587 ng/ul
 RT: 19.072 min Scan# 3558
 Delta R.T. -0.002 min
 Lab File: BN032464.D
 Acq: 04 Jul 2024 08:34

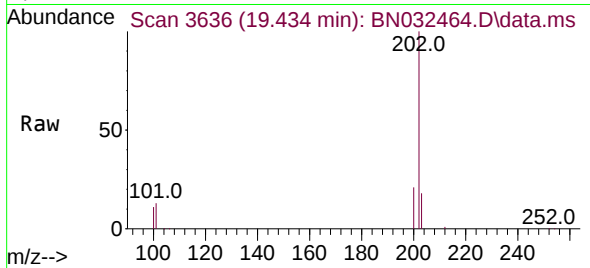
Tgt Ion:202 Resp: 794477
 Ion Ratio Lower Upper
 202 100
 101 10.8 8.8 13.2
 100 8.0 6.4 9.6





#20
Pyrene
Concen: 9.316 ng/ul
RT: 19.434 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN032464.D
Acq: 04 Jul 2024 08:34

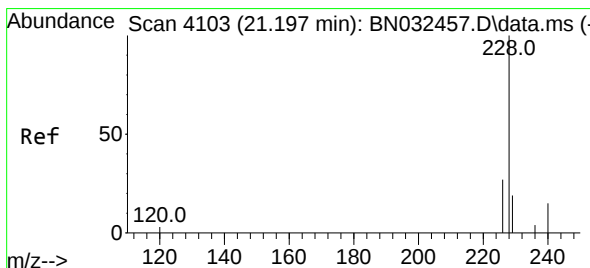
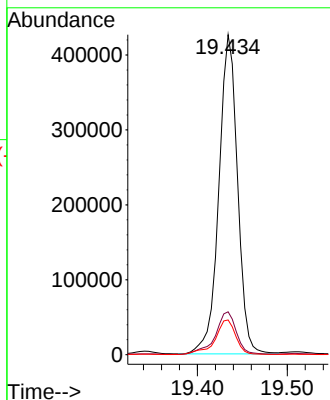
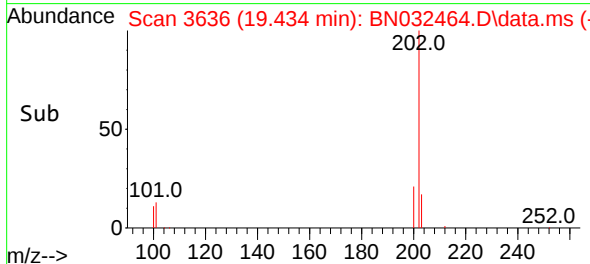
Instrument :
BNA_N
ClientSampleId :
A4CQ8DL



Tgt Ion:202 Resp: 614490
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.4
100 10.9 8.7 13.1

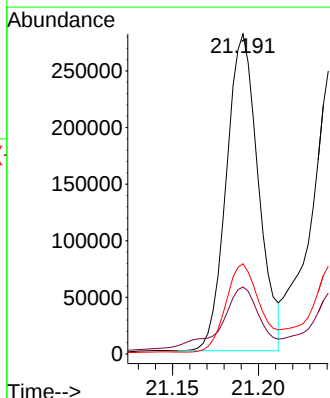
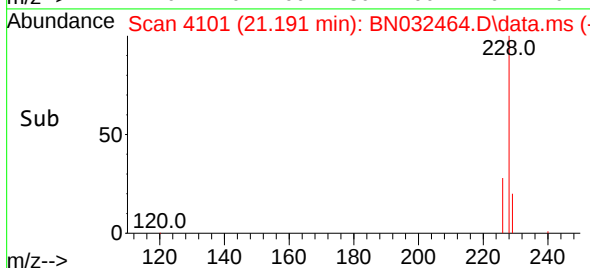
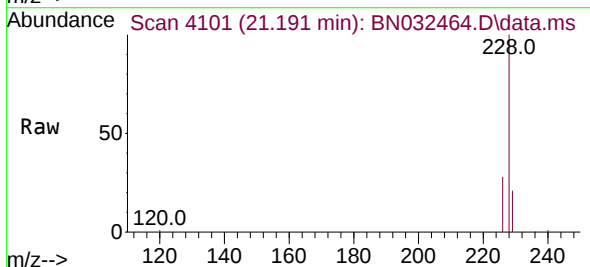
Manual Integrations
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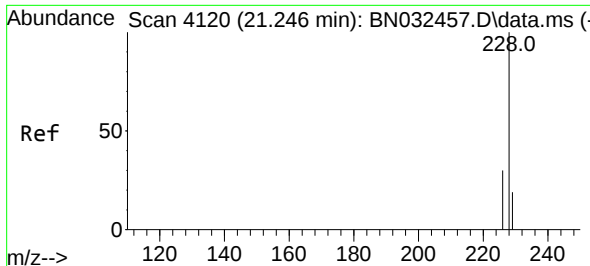
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#21
Benzo(a)anthracene
Concen: 6.065 ng/ul
RT: 21.191 min Scan# 4101
Delta R.T. 0.000 min
Lab File: BN032464.D
Acq: 04 Jul 2024 08:34

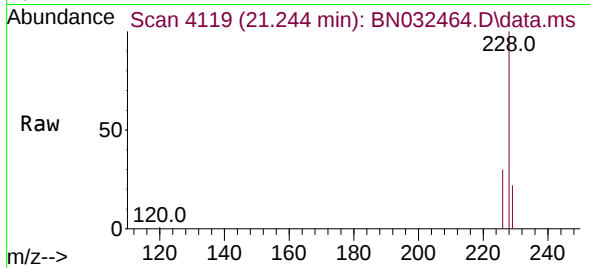
Tgt Ion:228 Resp: 362828
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 28.2 21.8 32.8





#22
Chrysene
Concen: 5.824 ng/ul
RT: 21.244 min Scan# 4119
Delta R.T. 0.000 min
Lab File: BN032464.D
Acq: 04 Jul 2024 08:34

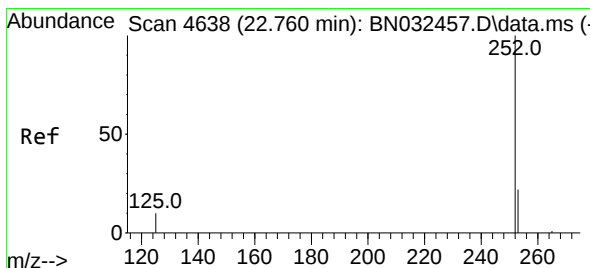
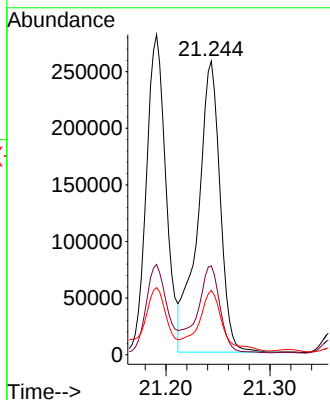
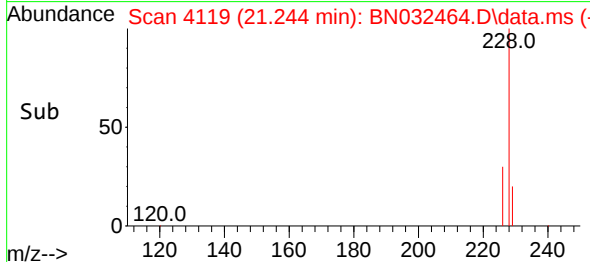
Instrument :
BNA_N
ClientSampleId :
A4CQ8DL



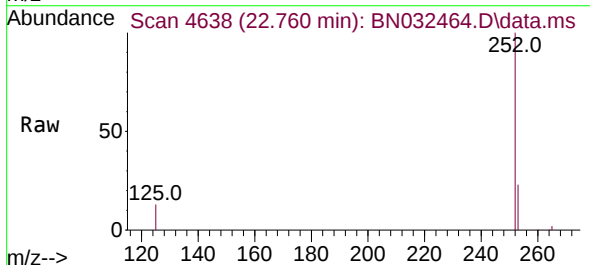
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Ion Ratio Lower Upper
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226 30.3 23.6 35.4
229 21.9 15.7 23.5

Manual Integrations
APPROVED

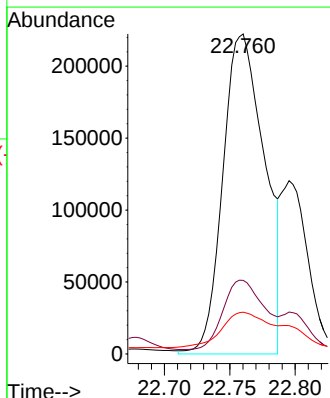
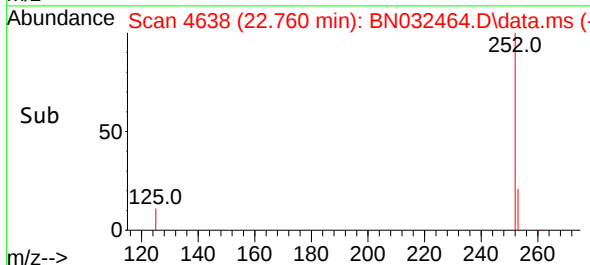
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

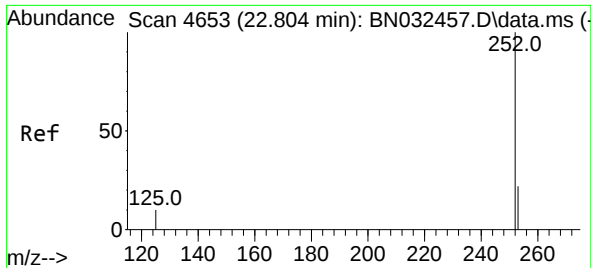


#24
Benzo(b)fluoranthene
Concen: 5.263 ng/ul m
RT: 22.760 min Scan# 4638
Delta R.T. 0.003 min
Lab File: BN032464.D
Acq: 04 Jul 2024 08:34



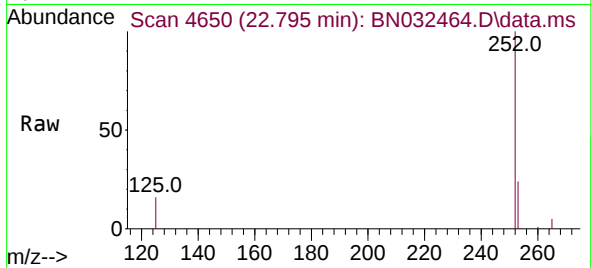
Tgt Ion:252 Resp: 493471
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 13.0 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 1.837 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032464.D
Acq: 04 Jul 2024 08:34

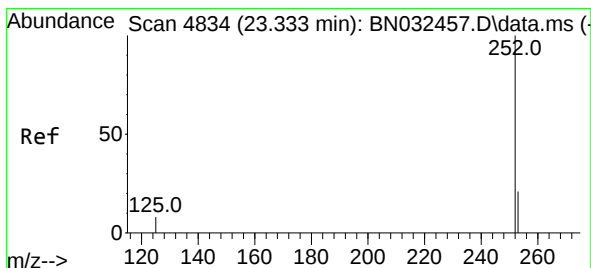
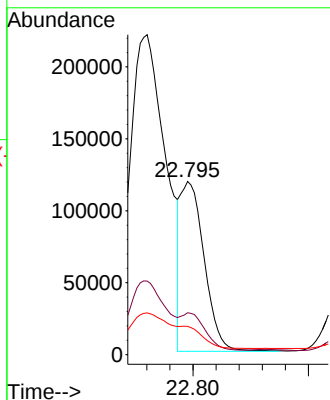
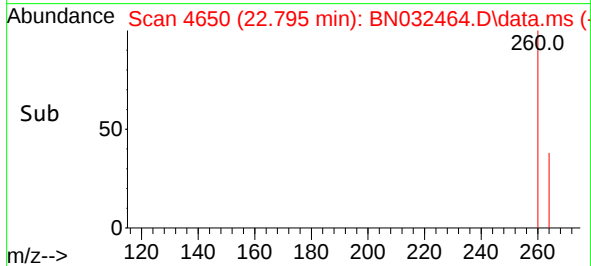
Instrument :
BNA_N
ClientSampleId :
A4CQ8DL



Tgt Ion:252 Resp: 167397
Ion Ratio Lower Upper
252 100
253 24.2 20.3 30.5
125 16.3 12.8 19.2

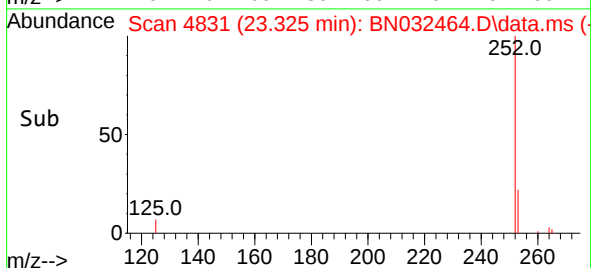
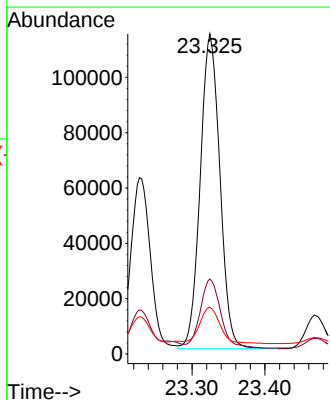
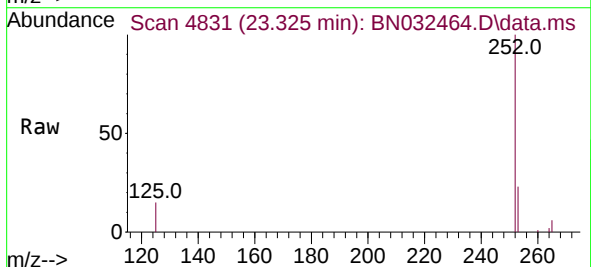
Manual Integrations
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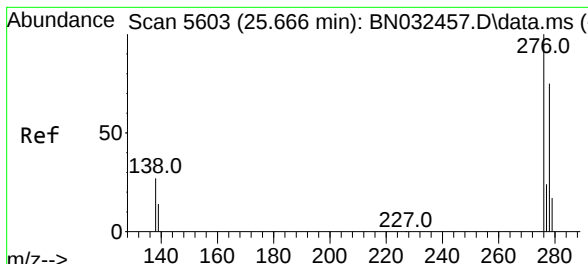
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#26
Benzo(a)pyrene
Concen: 3.257 ng/ul
RT: 23.325 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BN032464.D
Acq: 04 Jul 2024 08:34

Tgt Ion:252 Resp: 212485
Ion Ratio Lower Upper
252 100
253 23.4 22.2 33.2
125 14.6 16.4 24.6#





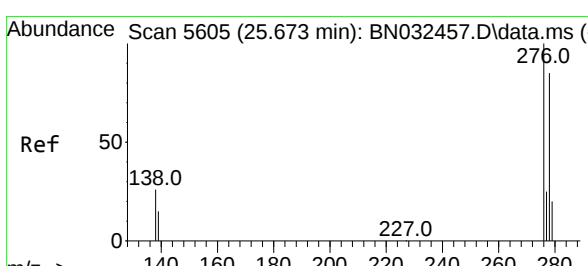
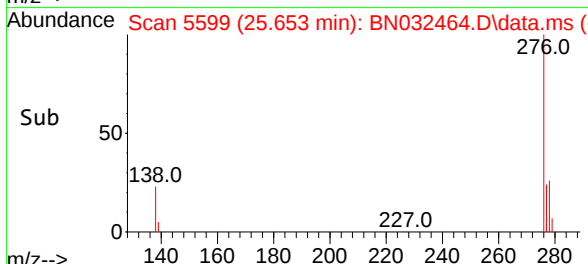
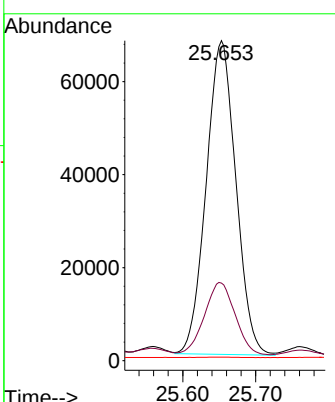
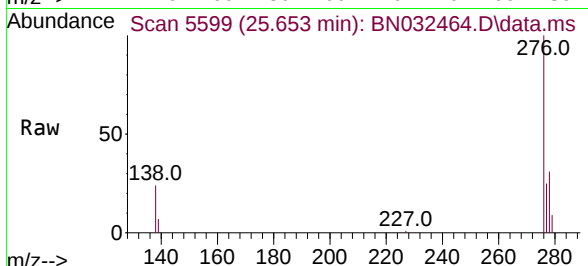
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.868 ng/ul
 RT: 25.653 min Scan# 5599
 Delta R.T. -0.007 min
 Lab File: BN032464.D
 Acq: 04 Jul 2024 08:34

Instrument : BNA_N
 ClientSampleId : A4CQ8DL

Tgt Ion: 276 Resp: 19084

Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.3	31.9
227	0.2	0.1	0.1

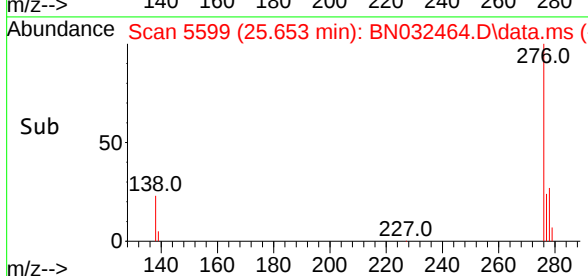
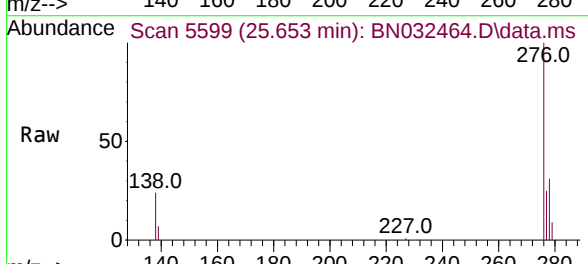
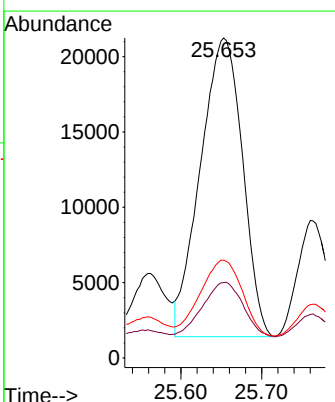
Manual Integrations
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 Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

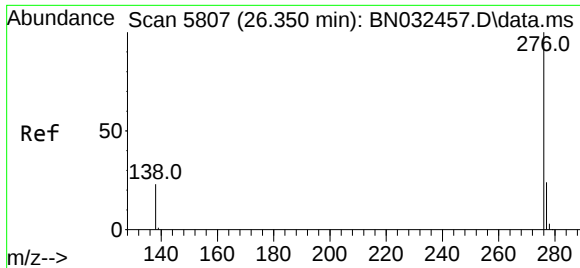


#28
 Dibenzo(a,h)anthracene
 Concen: 0.948 ng/ul
 RT: 25.653 min Scan# 5599
 Delta R.T. -0.013 min
 Lab File: BN032464.D
 Acq: 04 Jul 2024 08:34

Tgt Ion: 278 Resp: 71965

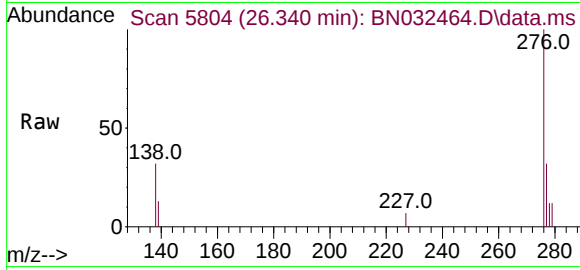
Ion	Ratio	Lower	Upper
278	100		
139	23.6	15.9	23.9
279	30.6	21.1	31.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.340 ng/ul
 RT: 26.340 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BN032464.D
 Acq: 04 Jul 2024 08:34

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ8DL



Tgt Ion:	276	Resp:	27684
Ion Ratio	Lower	Upper	
276	100		
138	31.7	19.8	29.6
277	31.5	19.8	29.6

Manual Integrations
 APPROVED

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

