

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032468.D
 Acq On : 04 Jul 2024 10:57
 Operator : MA/JU
 Sample : P2964-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B52

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 23:05:30 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	7.595	152	10168	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	30482	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.242	164	16951	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.998	188	31354	0.400	ng/ul	0.00
17) Chrysene-d12	21.207	240	21069	0.400	ng/ul	# 0.00
23) Perylene-d12	23.422	264	27730	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	24411	2.160	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	6744	0.148	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	12377	0.195	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.419	128	46296	0.574	ng/ul	99
7) 2-Methylnaphthalene	12.047	142	13005	0.243	ng/ul	99
8) 1-Methylnaphthalene	12.267	142	10572	0.191	ng/ul	99
10) Acenaphthylene	13.965	152	37271	0.529	ng/ul	99
11) Acenaphthene	14.307	153	61239	1.119	ng/ul	98
12) Fluorene	15.302	166	59284	0.909	ng/ul	99
14) Pentachlorophenol	16.668	266	301	0.042	ng/ul	97
15) Phenanthrene	17.040	178	956407	11.126	ng/ul	99
16) Anthracene	17.133	178	177734	2.318	ng/ul	99
19) Fluoranthene	19.067	202	1519500	18.940	ng/ul	97
20) Pyrene	19.434	202	1006337	12.003	ng/ul	99
21) Benzo(a)anthracene	21.190	228	672399	8.842	ng/ul	99
22) Chrysene	21.242	228	690412	8.272	ng/ul	97
24) Benzo(b)fluoranthene	22.759	252	971203m	8.061	ng/ul	
25) Benzo(k)fluoranthene	22.797	252	354615m	3.029	ng/ul	
26) Benzo(a)pyrene	23.326	252	370893	4.425	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.658	276	354624	2.702	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.658	278	125734	1.289	ng/ul	97
29) Benzo(g,h,i)perylene	26.342	276	51747	0.495	ng/ul#	91

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

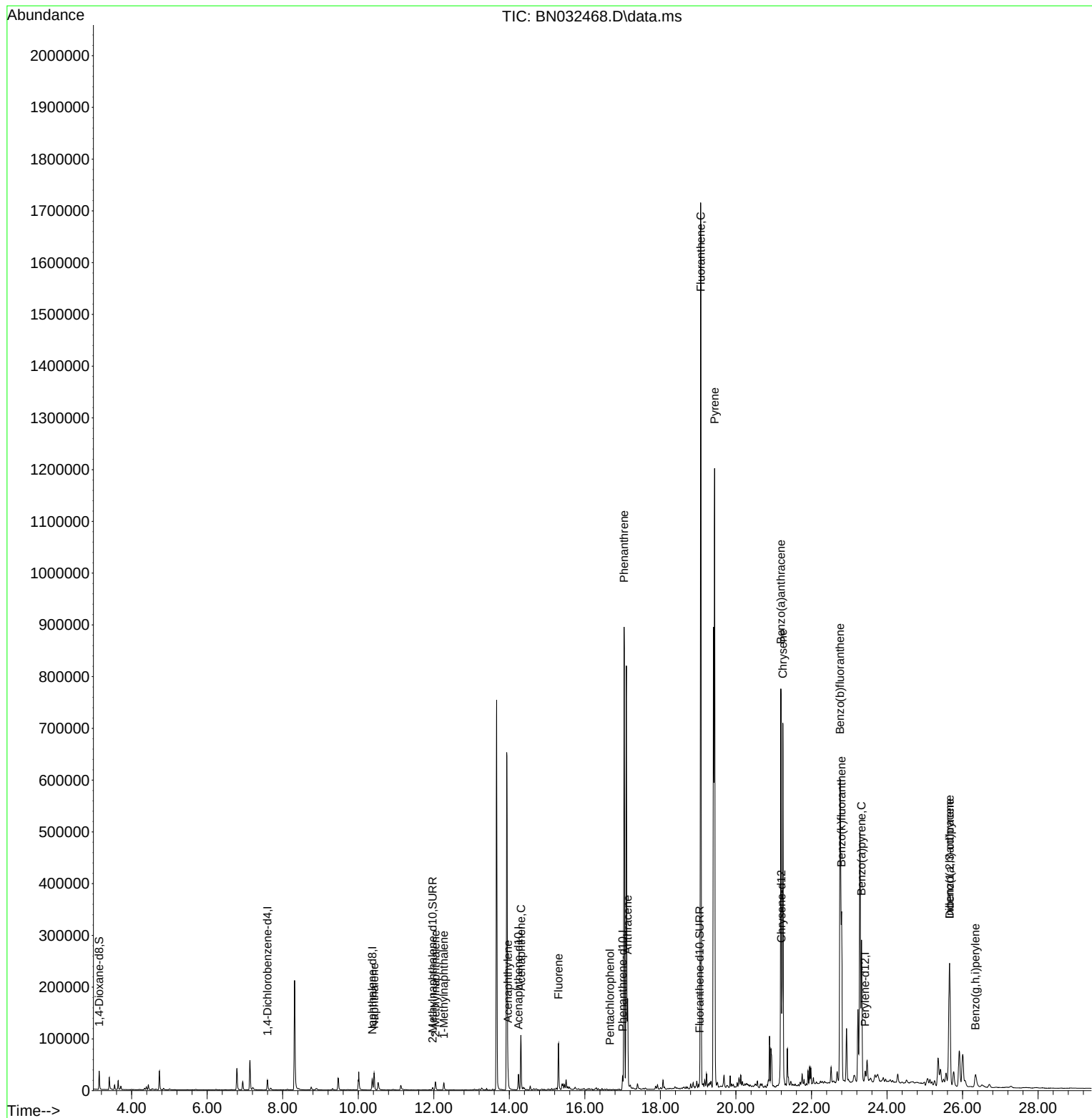
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032468.D
Acq On : 04 Jul 2024 10:57
Operator : MA/JU
Sample : P2964-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

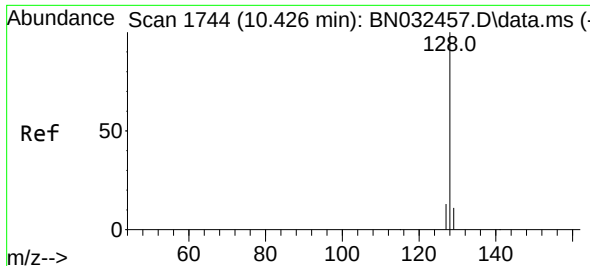
Instrument :
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A4B52

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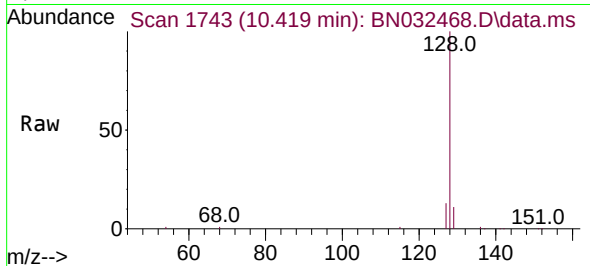
Quant Time: Jul 04 23:05:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
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#5
Naphthalene
Concen: 0.574 ng/ul
RT: 10.419 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN032468.D
Acq: 04 Jul 2024 10:57

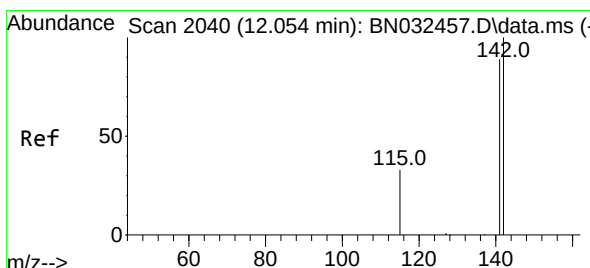
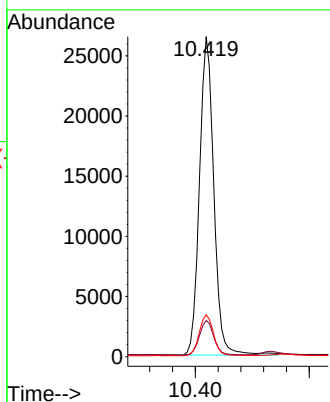
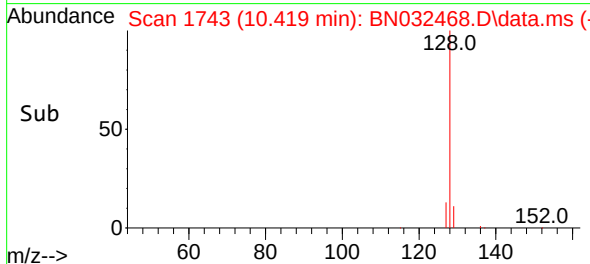
Instrument :
BNA_N
ClientSampleId :
A4B52



Tgt Ion:128 Resp: 46290
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.1 10.8 16.2

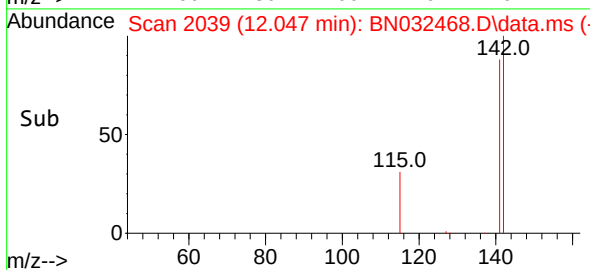
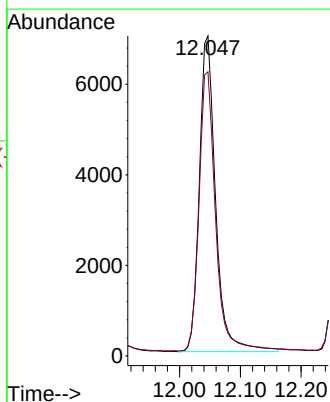
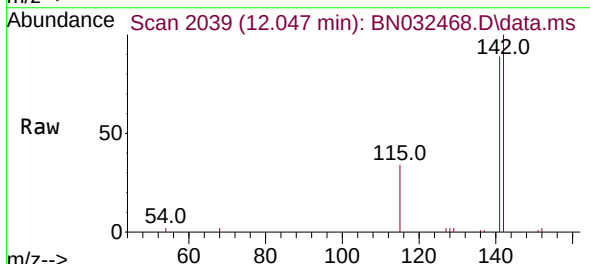
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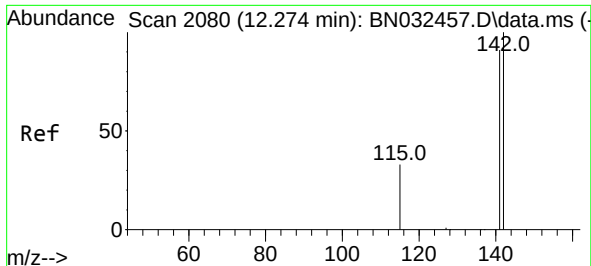
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 12.047 min Scan# 2039
Delta R.T. -0.007 min
Lab File: BN032468.D
Acq: 04 Jul 2024 10:57

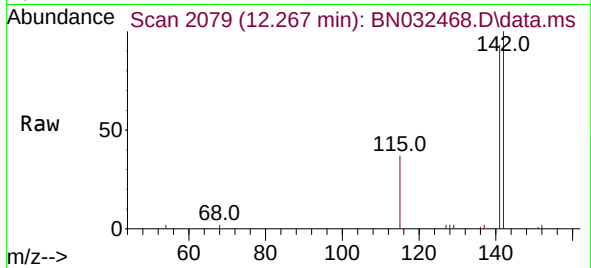
Tgt Ion:142 Resp: 13005
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 12.267 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BN032468.D
Acq: 04 Jul 2024 10:57

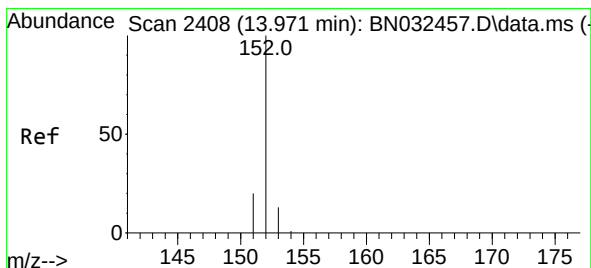
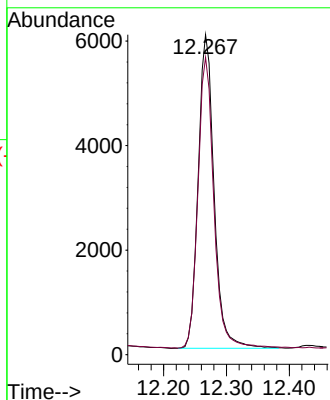
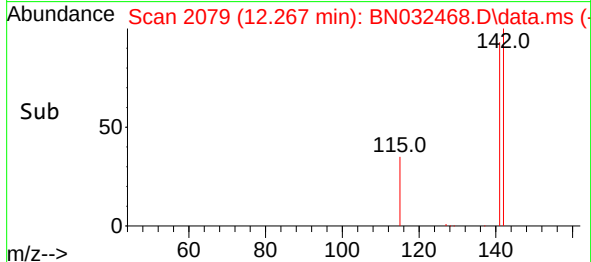
Instrument :
BNA_N
ClientSampleId :
A4B52



Tgt Ion:142 Resp: 10572
Ion Ratio Lower Upper
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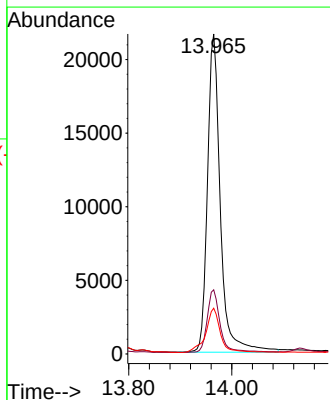
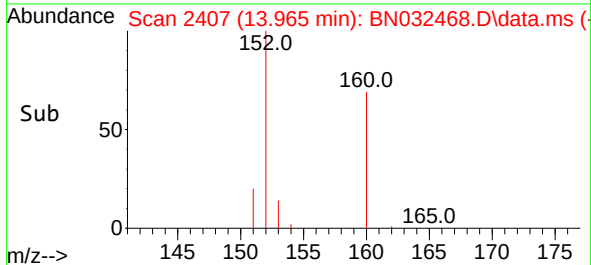
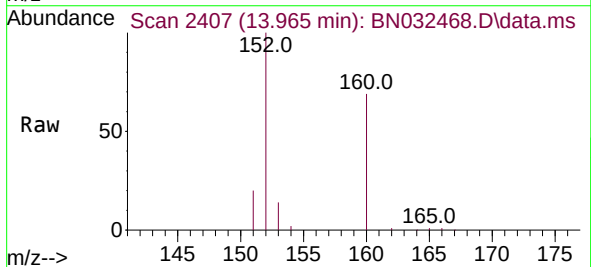
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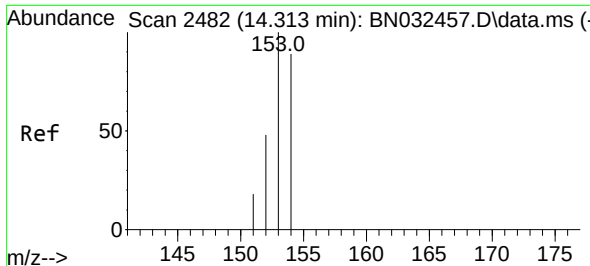
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.529 ng/ul
RT: 13.965 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BN032468.D
Acq: 04 Jul 2024 10:57

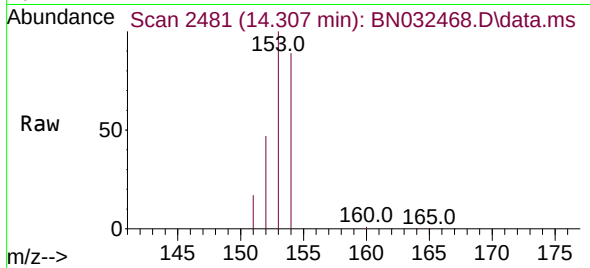
Tgt Ion:152 Resp: 37271
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 1.119 ng/ul
RT: 14.307 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BN032468.D
Acq: 04 Jul 2024 10:57

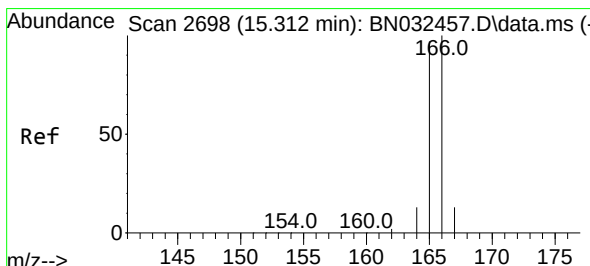
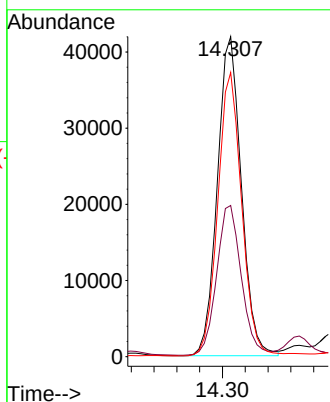
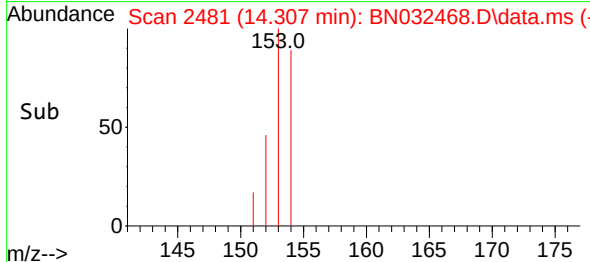
Instrument :
BNA_N
ClientSampleId :
A4B52



Tgt Ion:153 Resp: 61239
Ion Ratio Lower Upper
153 100
152 47.3 39.5 59.3
154 88.8 71.7 107.5

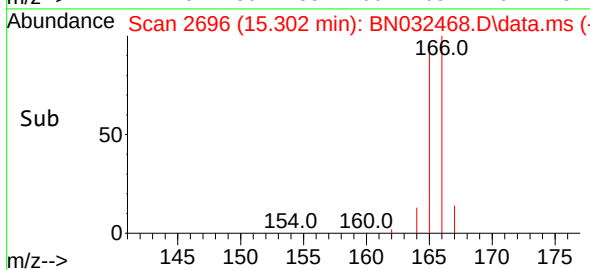
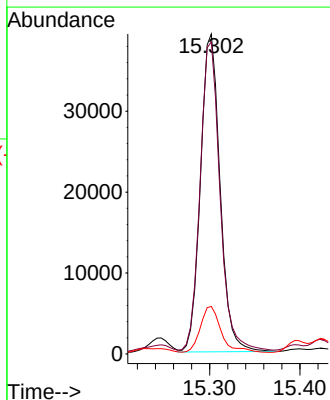
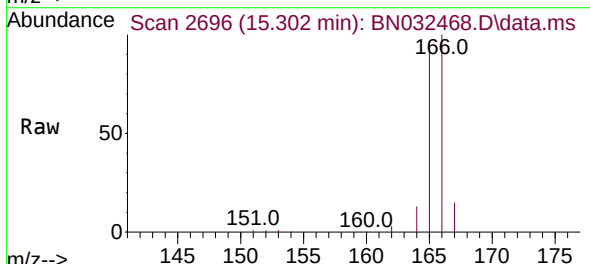
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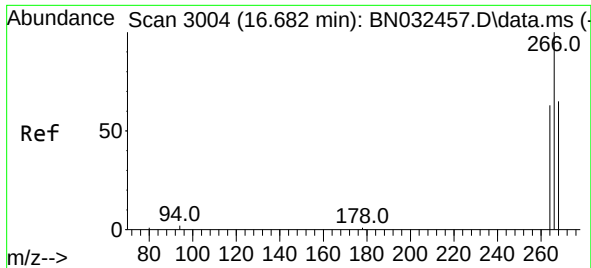
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.909 ng/ul
RT: 15.302 min Scan# 2696
Delta R.T. -0.011 min
Lab File: BN032468.D
Acq: 04 Jul 2024 10:57

Tgt Ion:166 Resp: 59284
Ion Ratio Lower Upper
166 100
165 97.5 79.0 118.6
167 14.8 11.0 16.6





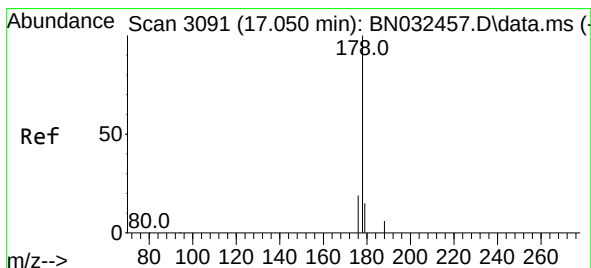
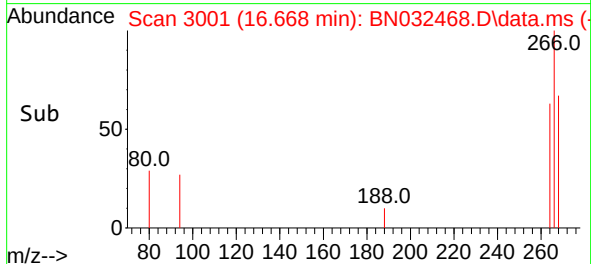
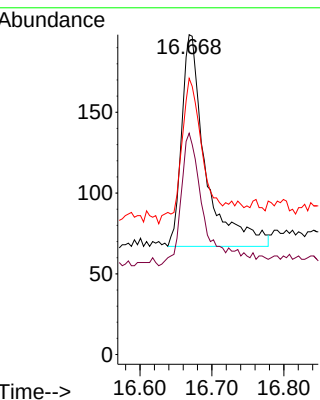
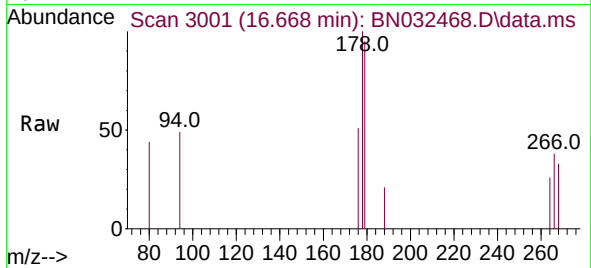
#14
Pentachlorophenol
Concen: 0.042 ng/uI
RT: 16.668 min Scan# 3001
Delta R.T. -0.006 min
Lab File: BN032468.D
Acq: 04 Jul 2024 10:57

Instrument :
BNA_N
ClientSampleId :
A4B52

Tgt Ion:266 Resp: 3001
Ion Ratio Lower Upper
266 100
264 62.5 49.9 74.9
268 69.8 52.4 78.6

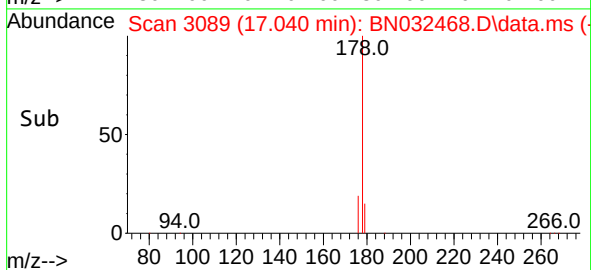
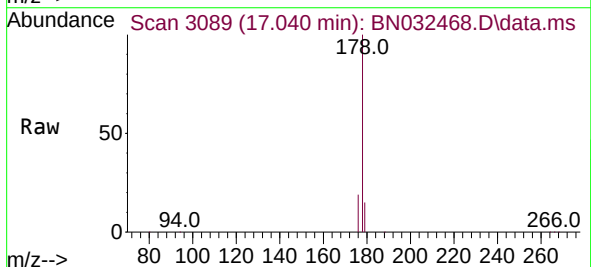
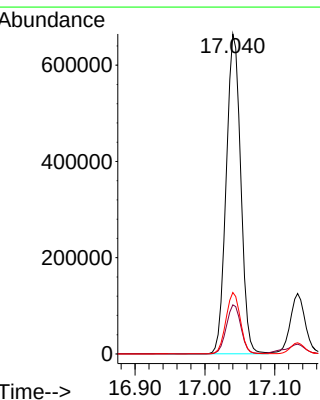
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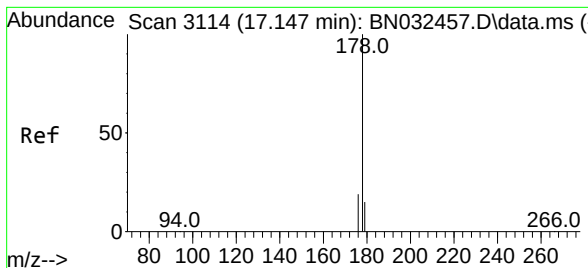
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#15
Phenanthrene
Concen: 11.126 ng/uI
RT: 17.040 min Scan# 3089
Delta R.T. -0.010 min
Lab File: BN032468.D
Acq: 04 Jul 2024 10:57

Tgt Ion:178 Resp: 956407
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.6 23.4





#16

Anthracene

Concen: 2.318 ng/ul

RT: 17.133 min Scan# 3111

Delta R.T. -0.010 min

Lab File: BN032468.D

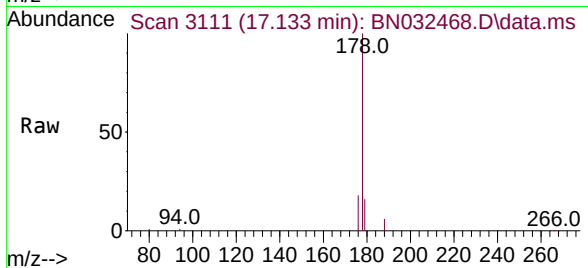
Acq: 04 Jul 2024 10:57

Instrument :

BNA_N

ClientSampleId :

A4B52



Tgt Ion:178 Resp: 177734

Ion Ratio Lower Upper

178 100

179 16.1 12.5 18.7

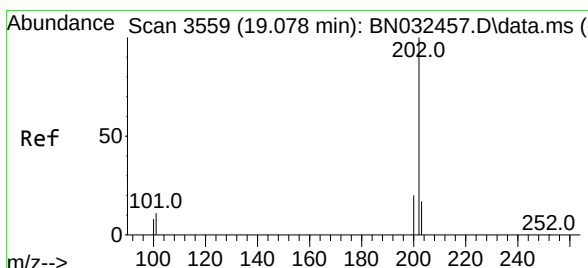
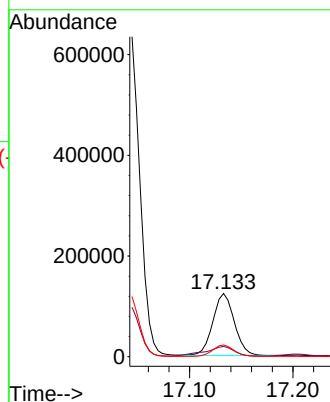
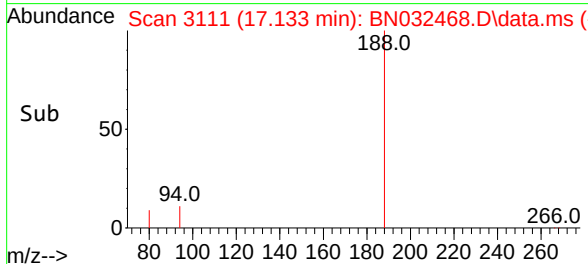
176 18.5 15.0 22.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/05/2024

Supervised By :mohammad ahmed 07/05/2024



#19

Fluoranthene

Concen: 18.940 ng/ul

RT: 19.067 min Scan# 3557

Delta R.T. -0.006 min

Lab File: BN032468.D

Acq: 04 Jul 2024 10:57

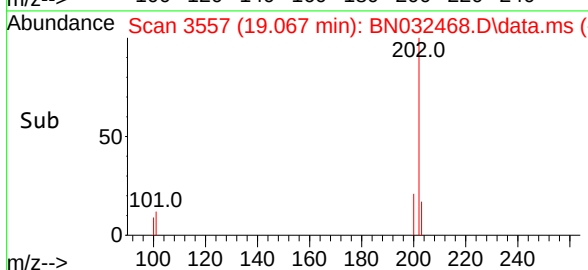
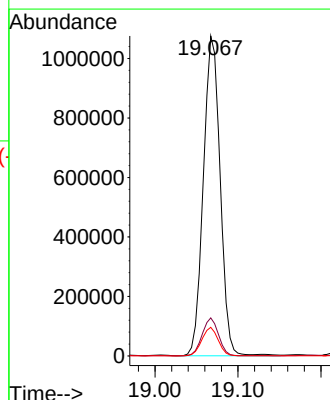
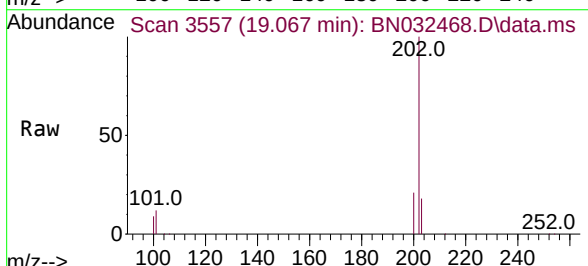
Tgt Ion:202 Resp: 1519500

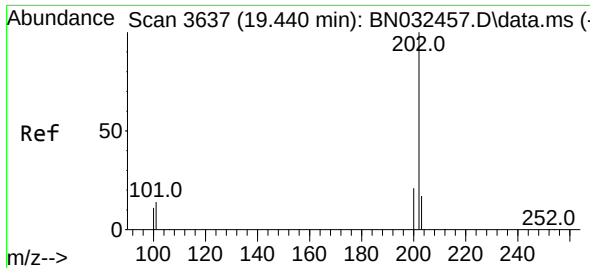
Ion Ratio Lower Upper

202 100

101 11.9 8.8 13.2

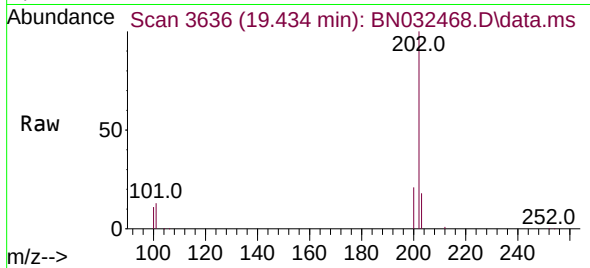
100 9.0 6.4 9.6





#20
Pyrene
Concen: 12.003 ng/ul
RT: 19.434 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN032468.D
Acq: 04 Jul 2024 10:57

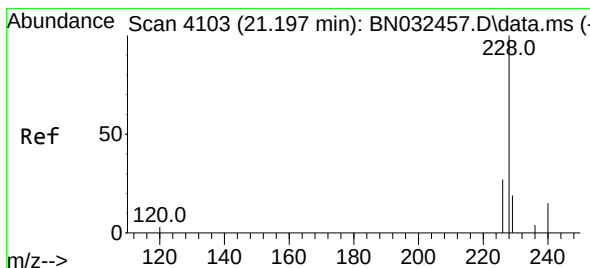
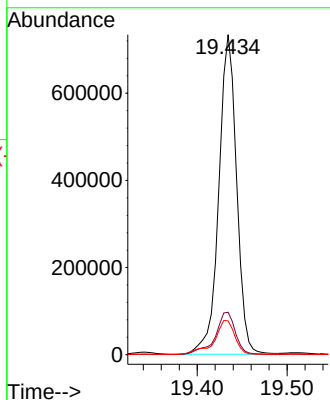
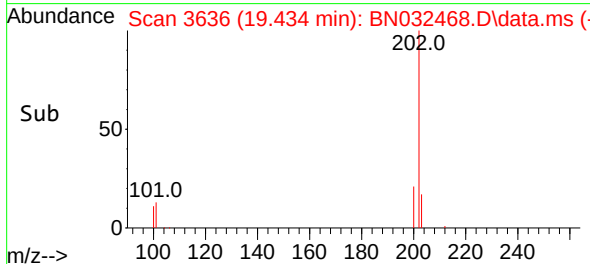
Instrument :
BNA_N
ClientSampleId :
A4B52



Tgt Ion:202 Resp: 100633
Ion Ratio Lower Upper
202 100
101 13.2 11.0 16.4
100 10.6 8.7 13.1

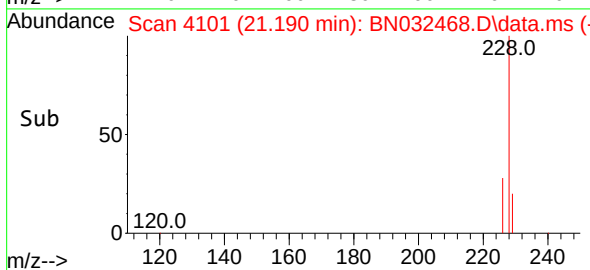
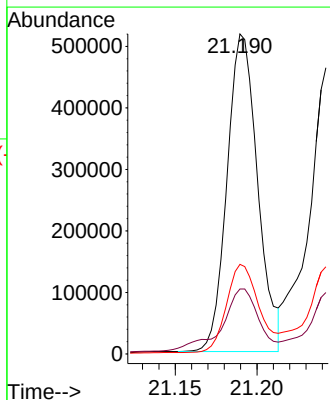
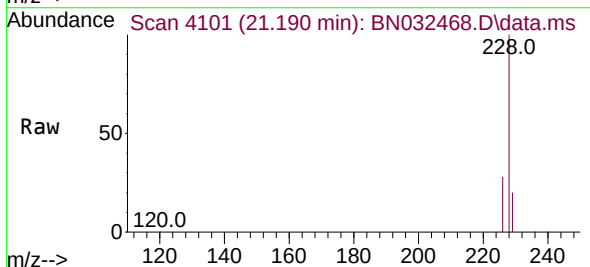
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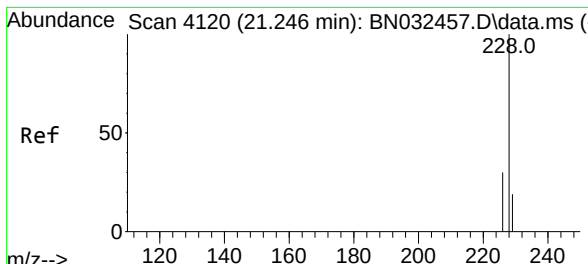
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#21
Benzo(a)anthracene
Concen: 8.842 ng/ul
RT: 21.190 min Scan# 4101
Delta R.T. -0.001 min
Lab File: BN032468.D
Acq: 04 Jul 2024 10:57

Tgt Ion:228 Resp: 672399
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.0 21.8 32.8





#22
Chrysene
 Concen: 8.272 ng/ul
 RT: 21.242 min Scan# 4119
 Delta R.T. -0.001 min
 Lab File: BN032468.D
 Acq: 04 Jul 2024 10:57

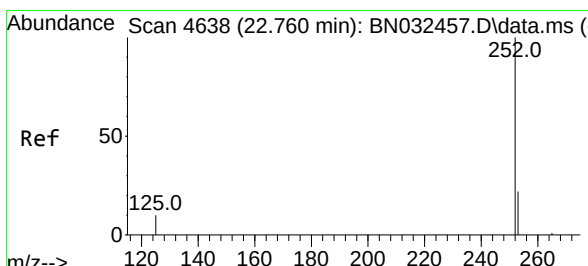
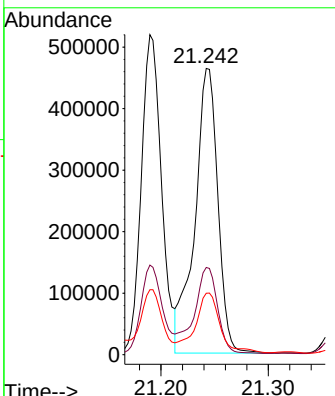
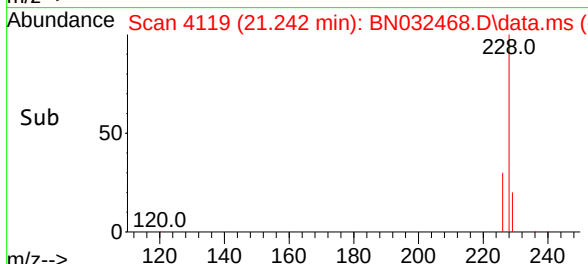
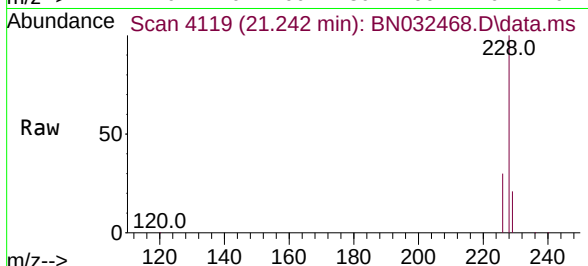
Instrument : BNA_N
ClientSampleId : A4B52

Tgt Ion:228 Resp: 69041

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.6	35.4
229	21.5	15.7	23.5

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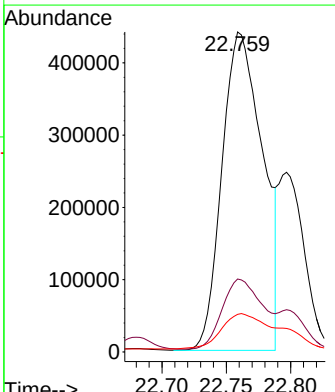
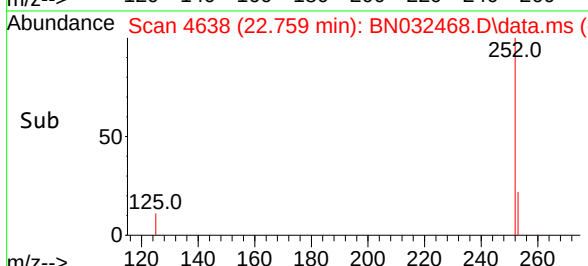
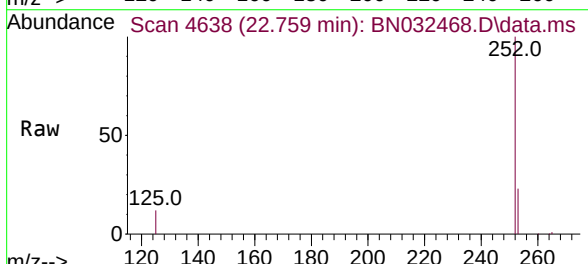
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

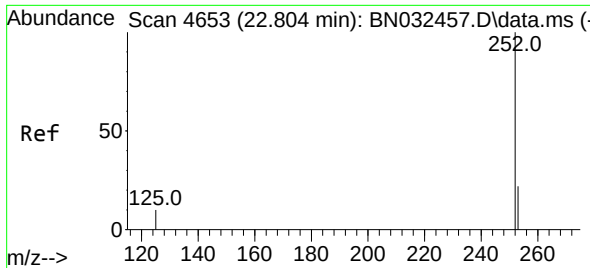


#24
Benzo(b)fluoranthene
 Concen: 8.061 ng/ul m
 RT: 22.759 min Scan# 4638
 Delta R.T. 0.002 min
 Lab File: BN032468.D
 Acq: 04 Jul 2024 10:57

Tgt Ion:252 Resp: 971203

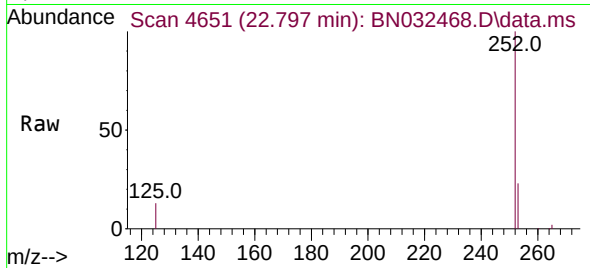
Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	50.2
125	11.8	0.0	32.0





#25
Benzo(k)fluoranthene
Concen: 3.029 ng/ul m
RT: 22.797 min Scan# 4651
Delta R.T. -0.004 min
Lab File: BN032468.D
Acq: 04 Jul 2024 10:57

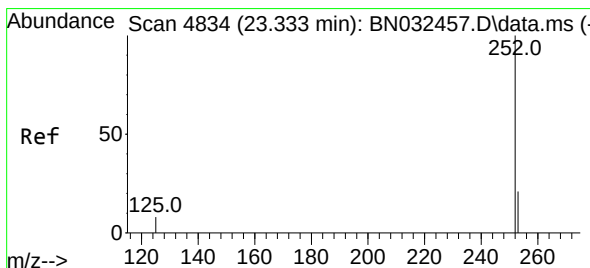
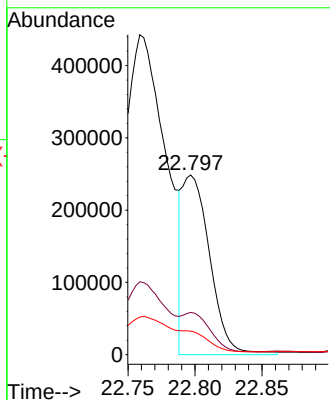
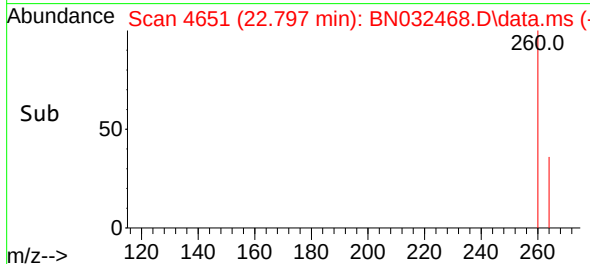
Instrument :
BNA_N
ClientSampleId :
A4B52



Tgt Ion:252 Resp: 354615
Ion Ratio Lower Upper
252 100
253 23.5 20.3 30.5
125 13.1 12.8 19.2

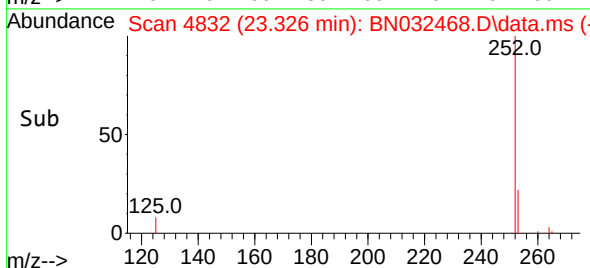
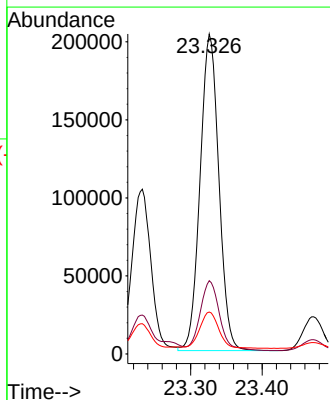
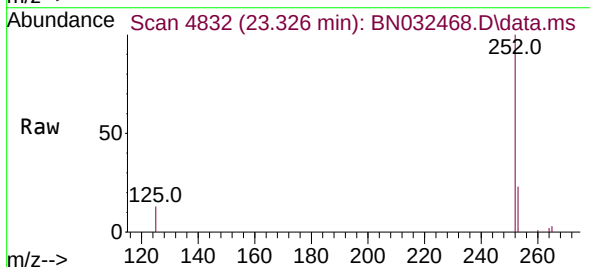
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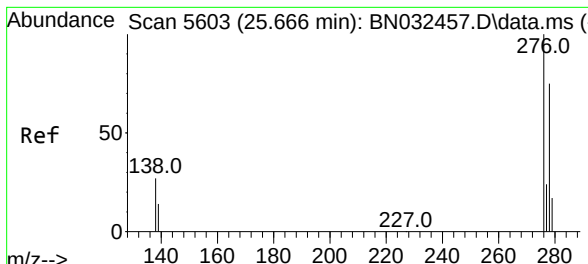
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#26
Benzo(a)pyrene
Concen: 4.425 ng/ul
RT: 23.326 min Scan# 4832
Delta R.T. -0.001 min
Lab File: BN032468.D
Acq: 04 Jul 2024 10:57

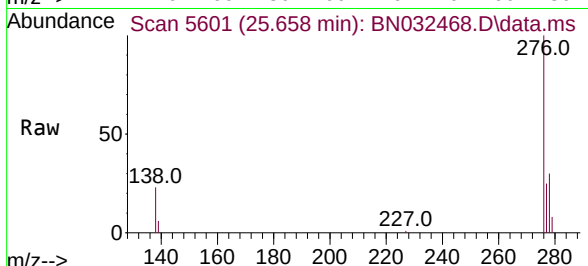
Tgt Ion:252 Resp: 370893
Ion Ratio Lower Upper
252 100
253 22.9 22.2 33.2
125 13.1 16.4 24.6#





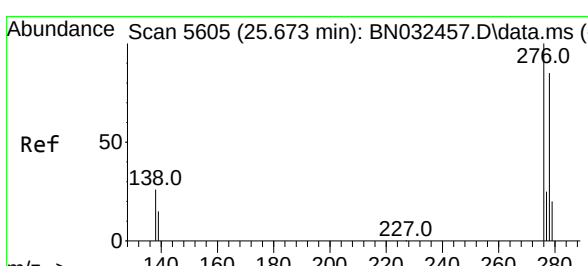
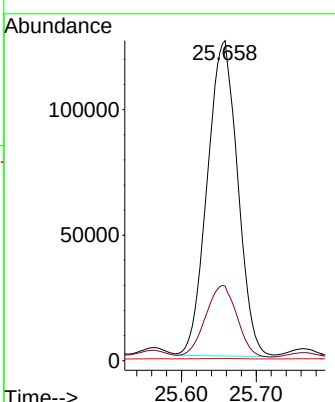
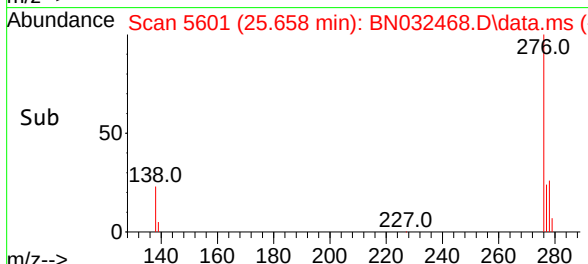
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.702 ng/ul
 RT: 25.658 min Scan# 5601
 Delta R.T. -0.001 min
 Lab File: BN032468.D
 Acq: 04 Jul 2024 10:57

Instrument : BNA_N
 ClientSampleId : A4B52



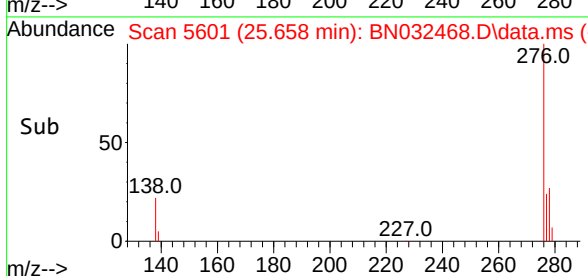
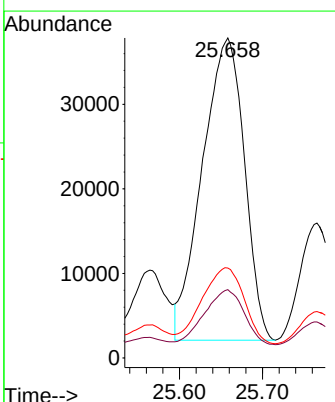
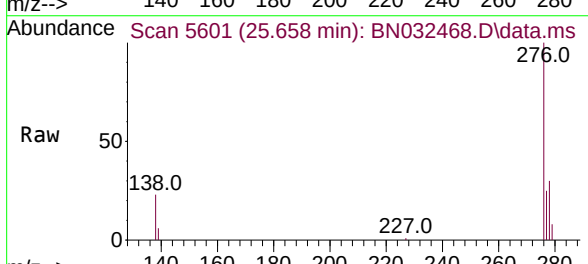
Tgt Ion: 276 Resp: 354624
 Ion Ratio Lower Upper
 276 100
 138 23.5 21.3 31.9
 227 0.2 0.1 0.1

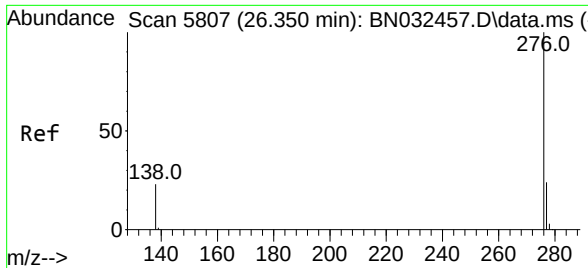
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 Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 1.289 ng/ul
 RT: 25.658 min Scan# 5601
 Delta R.T. -0.008 min
 Lab File: BN032468.D
 Acq: 04 Jul 2024 10:57

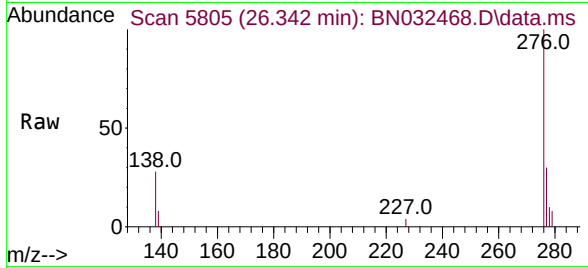
Tgt Ion: 278 Resp: 125734
 Ion Ratio Lower Upper
 278 100
 139 21.3 15.9 23.9
 279 28.1 21.1 31.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.495 ng/ul
 RT: 26.342 min Scan# 5174
 Delta R.T. -0.001 min
 Lab File: BN032468.D
 Acq: 04 Jul 2024 10:57

Instrument :
 BNA_N
 ClientSampleId :
 A4B52



Tgt Ion:	276	Resp:	5174
Ion Ratio	Lower	Upper	
276	100		
138	28.5	19.8	29.6
277	29.7	19.8	29.6

Manual Integrations
 APPROVED

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

