

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033092.D
 Acq On : 30 Jul 2024 06:31
 Operator : MA/JU
 Sample : P3329-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E07

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 07:00:48 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jul 29 23:04:40 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.478	152	3163	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.262	136	9786	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.125	164	37288	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	16.911	188	17438m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.139	240	22791	0.400	ng/ul	#-0.02
23) Perylene-d12	23.305	264	19161	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	10162	2.540	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.846	152	4337	0.272	ng/ul	-0.07
18) Fluoranthene-d10	18.944	212	30678m	0.475	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.377	128	36544458	1454.178	ng/ul	95
7) 2-Methylnaphthalene	11.939	142	11515321	676.421	ng/ul	93
8) 1-Methylnaphthalene	12.165	142	7175934	389.785	ng/ul	98
10) Acenaphthylene	13.856	152	917097	6.010	ng/ul#	96
11) Acenaphthene	14.222	153	7356418	64.087	ng/ul	96
12) Fluorene	15.221	166	8662478	64.748	ng/ul	96
15) Phenanthrene	17.000	178	24232755	518.090	ng/ul	99
16) Anthracene	17.072	178	12537772	298.144	ng/ul	99
19) Fluoranthene	19.018	202	18939946	252.392	ng/ul#	90
20) Pyrene	19.376	202	15326162	190.448	ng/ul#	90
21) Benzo(a)anthracene	21.122	228	7052622	90.721	ng/ul	98
22) Chrysene	21.174	228	5869060	64.691	ng/ul	95
24) Benzo(b)fluoranthene	22.665	252	4256780m	76.050	ng/ul	
25) Benzo(k)fluoranthene	22.697	252	1686985m	25.150	ng/ul	
26) Benzo(a)pyrene	23.217	252	2374597	45.077	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.487	276	840419	10.491	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.480	278	242063m	3.813	ng/ul	
29) Benzo(g,h,i)perylene	26.154	276	651297	10.233	ng/ul#	90

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

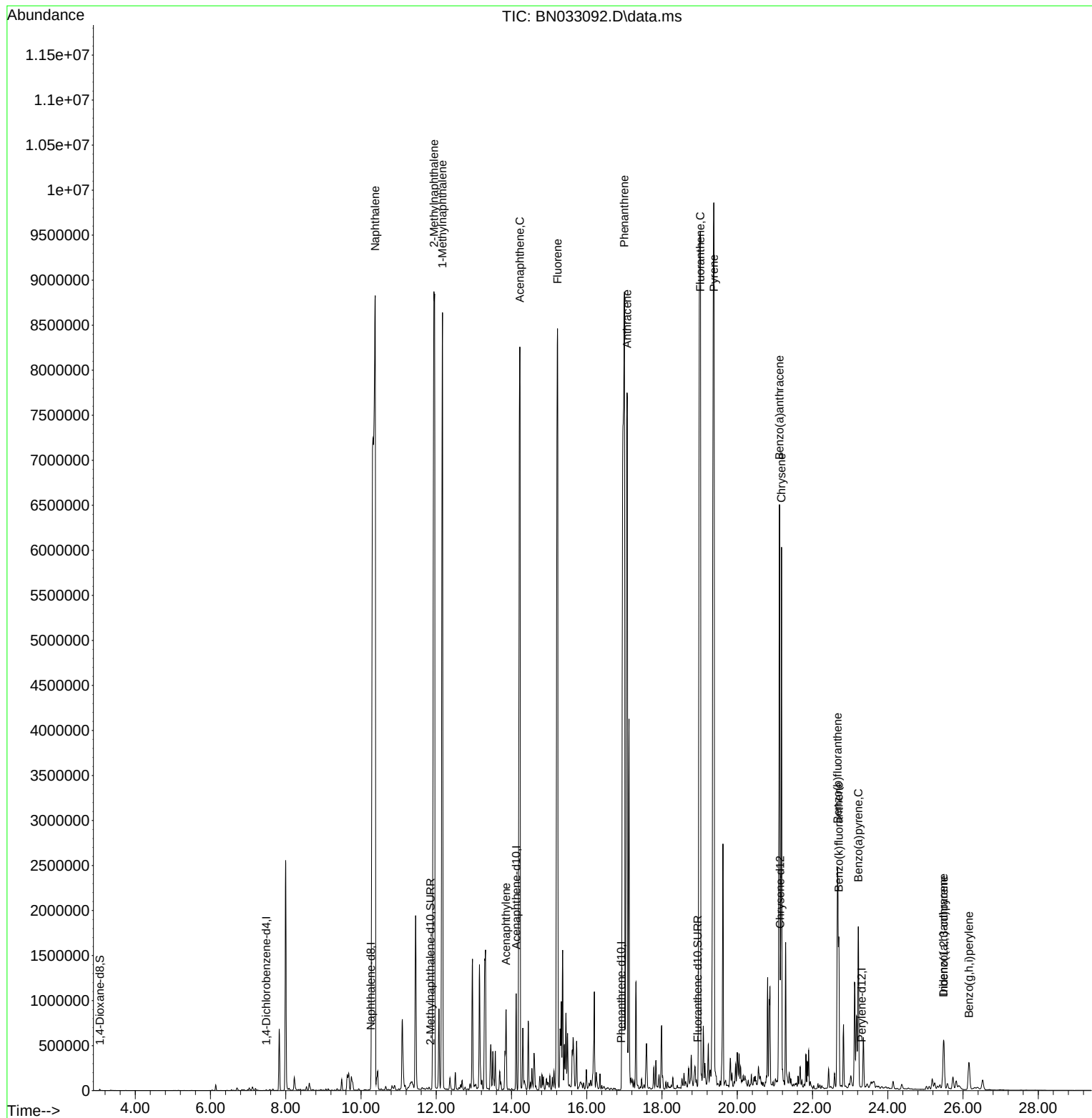
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033092.D
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Operator : MA/JU
Sample : P3329-05
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ALS Vial : 26 Sample Multiplier: 1

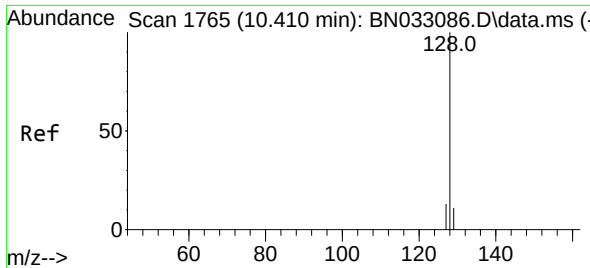
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Quant Time: Jul 30 07:00:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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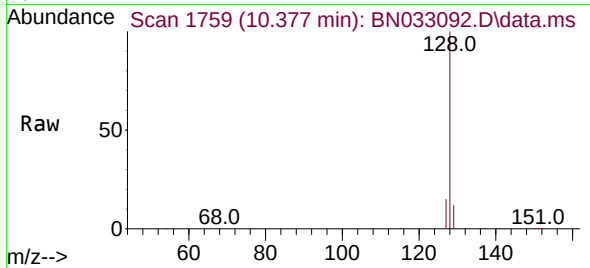
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024





#5
Naphthalene
Concen: 1454.178 ng/ul
RT: 10.377 min Scan# 11
Delta R.T. 0.028 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

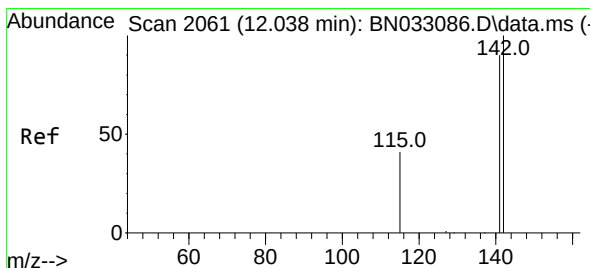
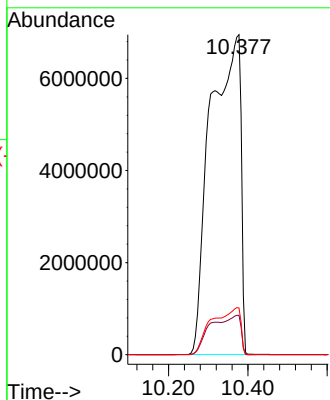
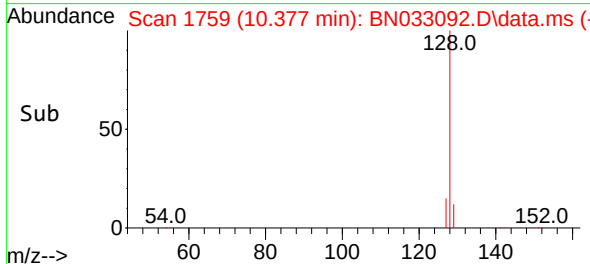
Instrument :
BNA_N
ClientSampleId :
F7E07



Tgt Ion:128 Resp:36544458
Ion Ratio Lower Upper
128 100
129 12.3 12.0 18.0
127 14.6 12.7 19.1

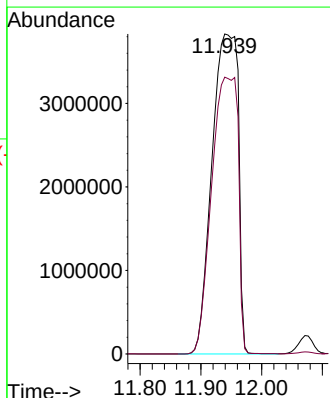
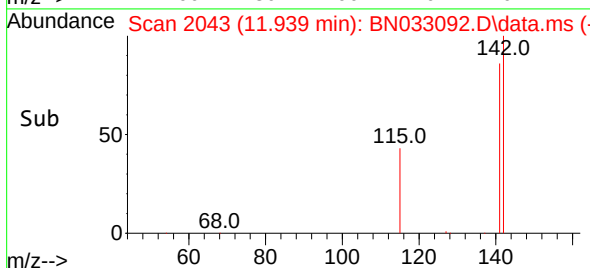
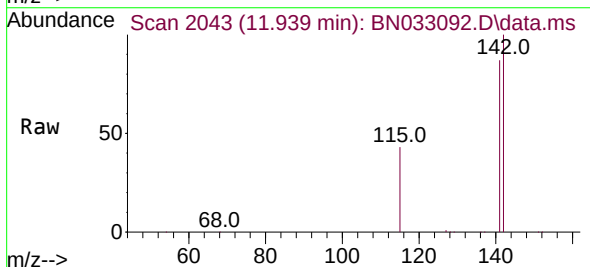
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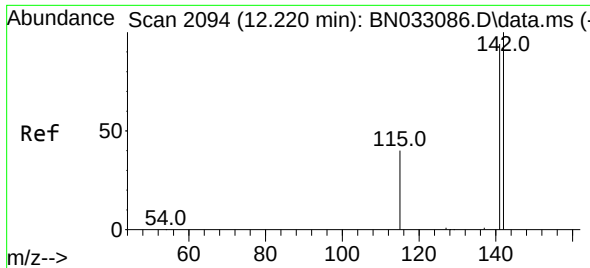
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 676.421 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.044 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

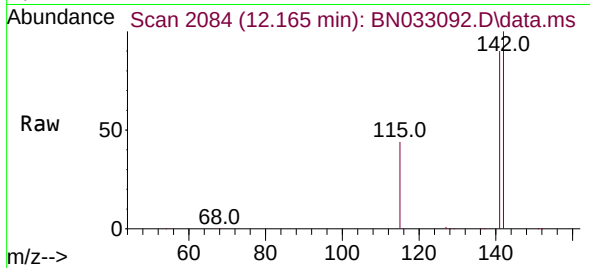
Tgt Ion:142 Resp:11515321
Ion Ratio Lower Upper
142 100
141 87.1 75.2 112.8





#8
1-Methylnaphthalene
Concen: 389.785 ng/ul
RT: 12.165 min Scan# 2094
Delta R.T. -0.033 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

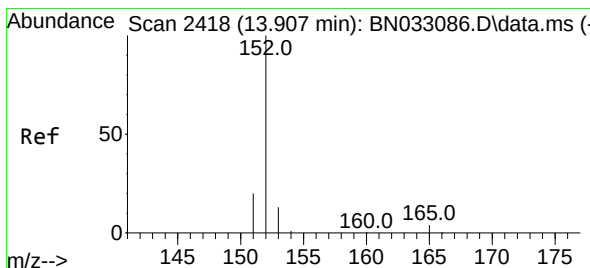
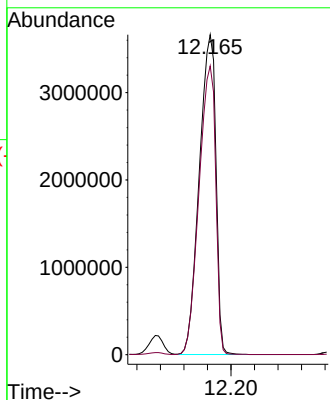
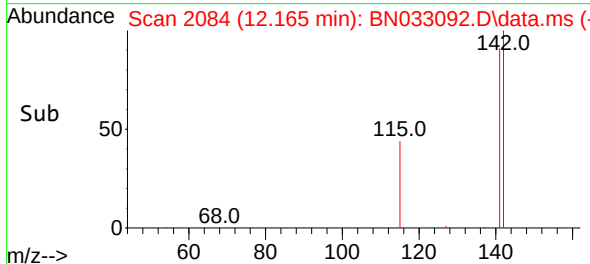
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 7175934
Ion Ratio Lower Upper
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141 90.5 74.3 111.5

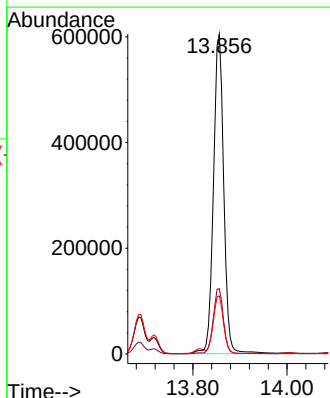
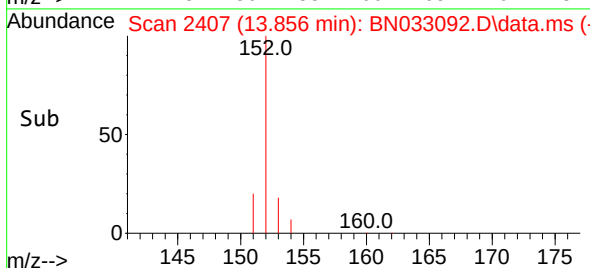
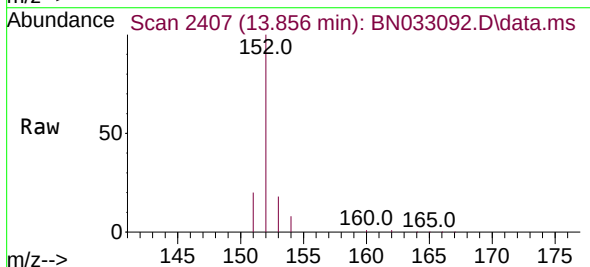
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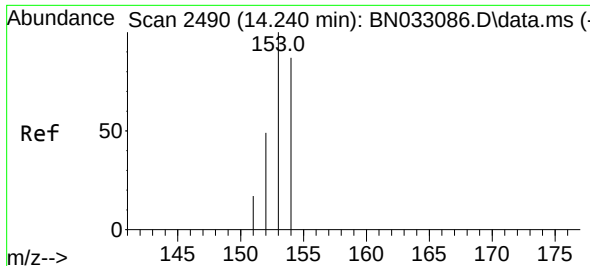
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 6.010 ng/ul
RT: 13.856 min Scan# 2407
Delta R.T. -0.042 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

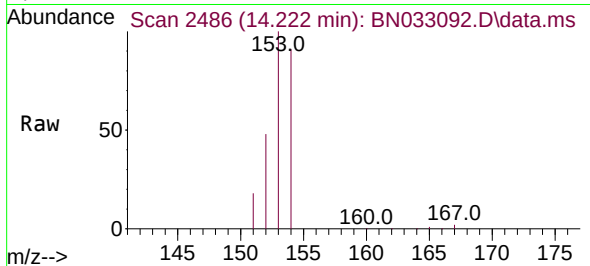
Tgt Ion:152 Resp: 917097
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 18.2 11.9 17.9#





#11
Acenaphthene
Concen: 64.087 ng/u1
RT: 14.222 min Scan# 2490
Delta R.T. -0.014 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

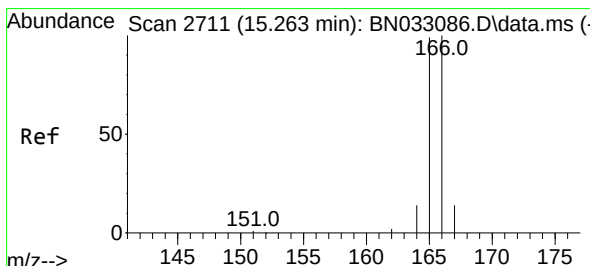
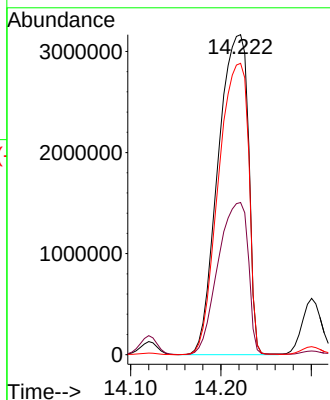
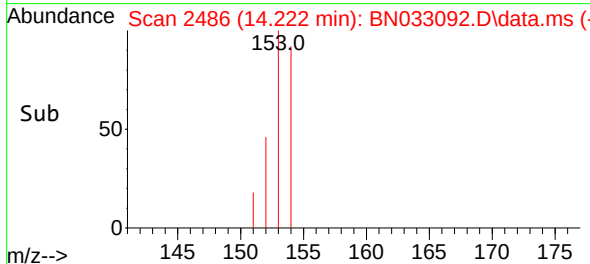
Instrument :
BNA_N
ClientSampleId :
F7E07



Tgt Ion:153 Resp: 7356418
Ion Ratio Lower Upper
153 100
152 47.5 40.0 60.0
154 91.1 70.1 105.1

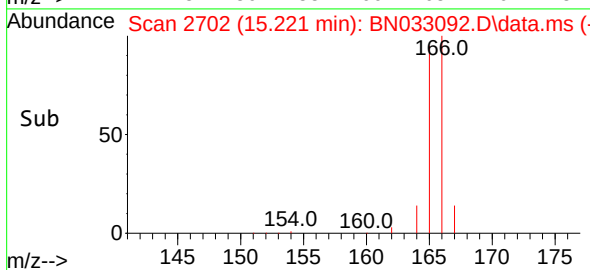
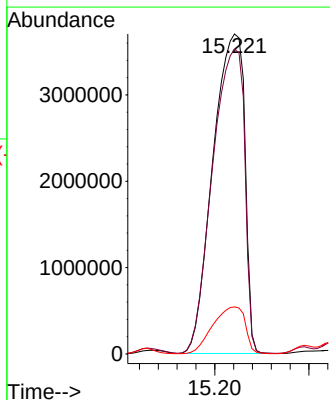
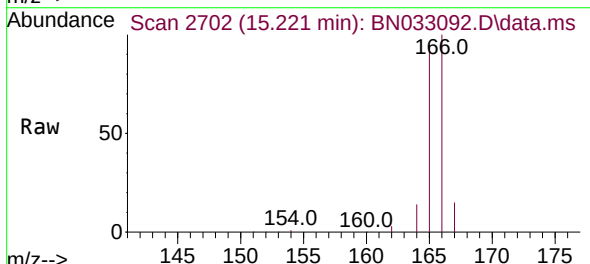
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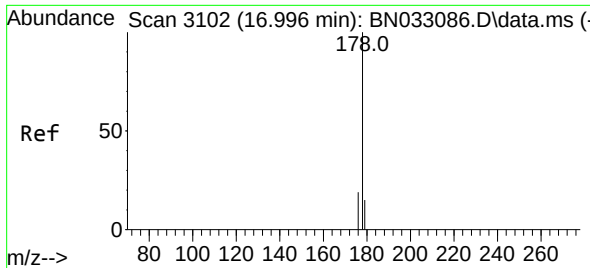
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#12
Fluorene
Concen: 64.748 ng/u1
RT: 15.221 min Scan# 2702
Delta R.T. -0.023 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

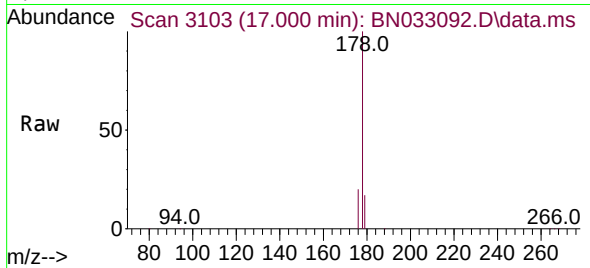
Tgt Ion:166 Resp: 8662478
Ion Ratio Lower Upper
166 100
165 95.3 79.6 119.4
167 14.7 12.2 18.4





#15
Phenanthrene
Concen: 518.090 ng/u1
RT: 17.000 min Scan# 3103
Delta R.T. 0.013 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

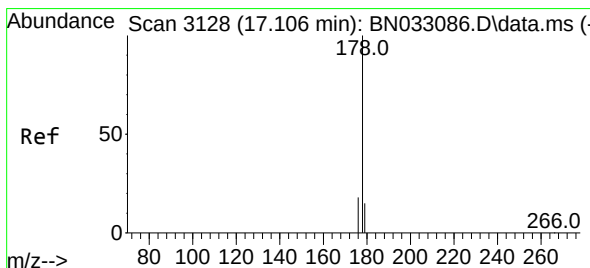
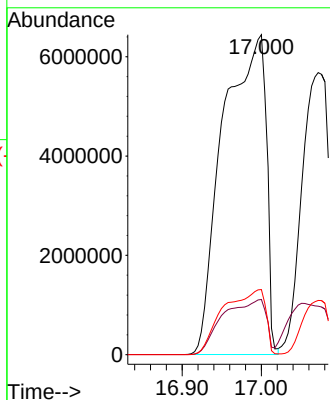
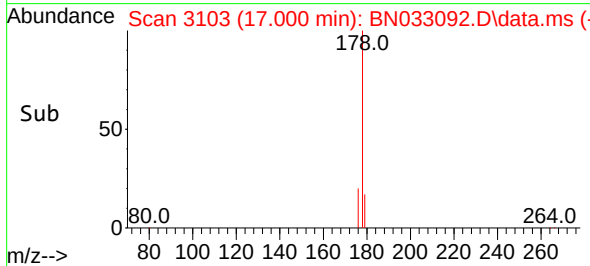
Instrument :
BNA_N
ClientSampleId :
F7E07



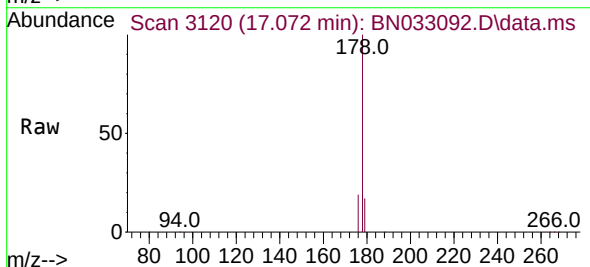
Tgt Ion:178 Resp:2423275
Ion Ratio Lower Upper
178 100
179 17.2 13.7 20.5
176 20.3 15.9 23.9

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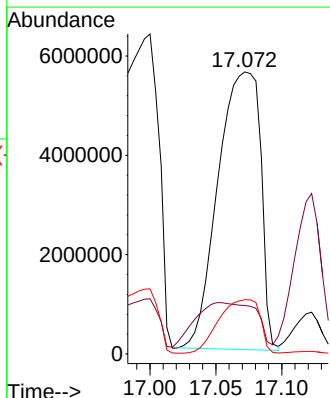
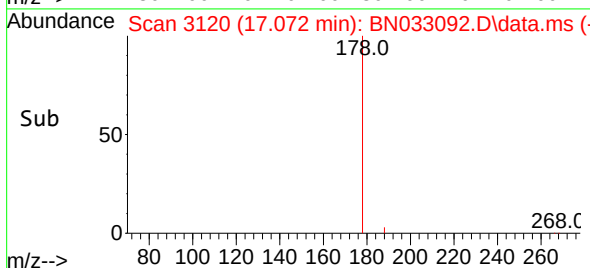
Reviewed By :Jagrut Upadhyay 07/30/2024
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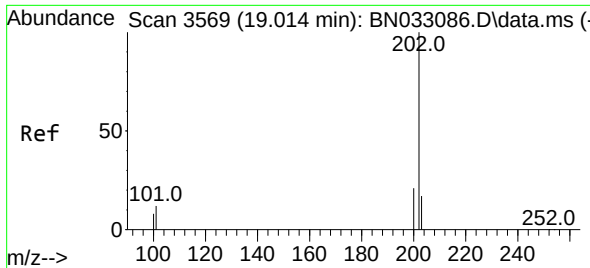


#16
Anthracene
Concen: 298.144 ng/u1
RT: 17.072 min Scan# 3120
Delta R.T. -0.013 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31



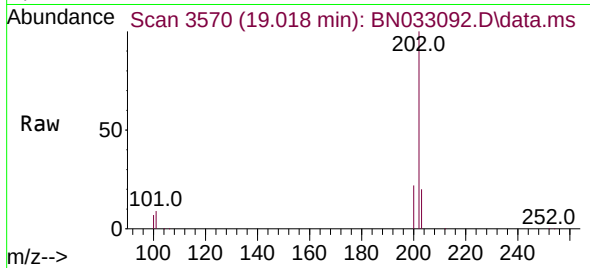
Tgt Ion:178 Resp:12537772
Ion Ratio Lower Upper
178 100
179 17.2 14.3 21.5
176 19.2 15.8 23.8





#19
Fluoranthene
Concen: 252.392 ng/u1
RT: 19.018 min Scan# 3569
Delta R.T. 0.005 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

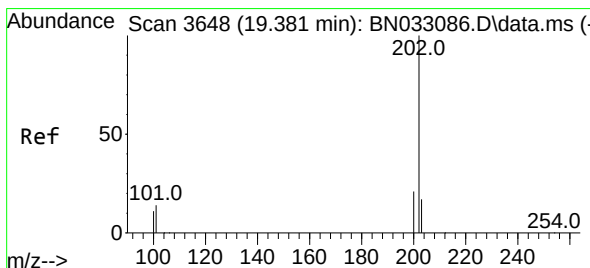
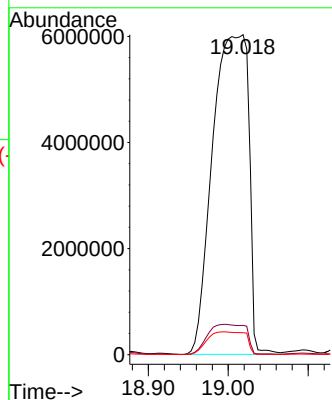
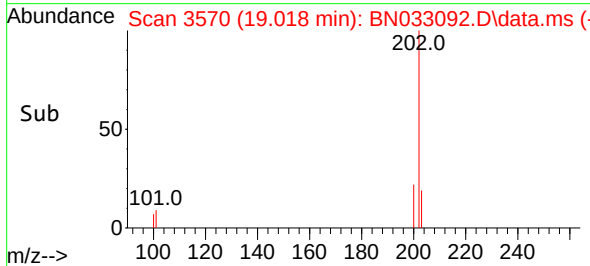
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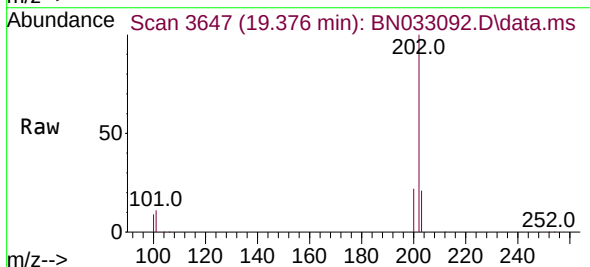
Tgt Ion:202 Resp:18939940
Ion Ratio Lower Upper
202 100
101 9.2 10.7 16.1#
100 6.9 8.3 12.5#

Manual Integrations
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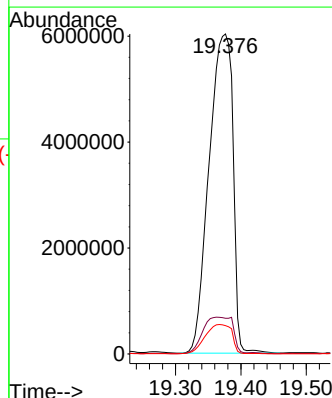
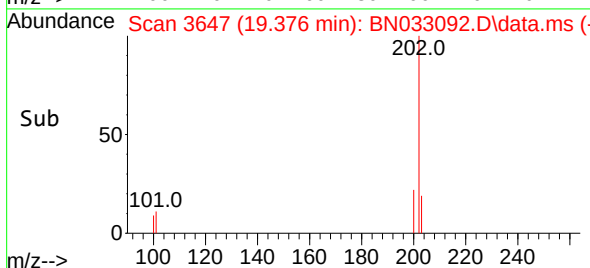
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Supervised By :mohammad ahmed 07/31/2024

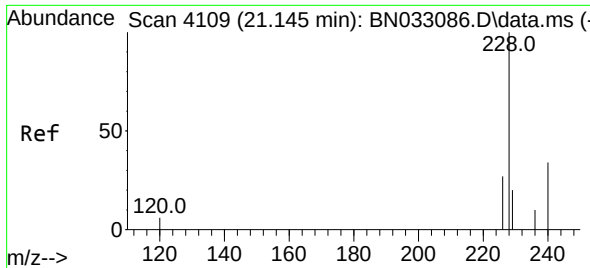


#20
Pyrene
Concen: 190.448 ng/u1
RT: 19.376 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31



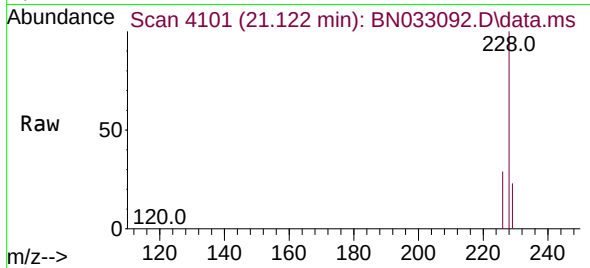
Tgt Ion:202 Resp:15326162
Ion Ratio Lower Upper
202 100
101 11.2 12.6 18.8#
100 8.8 9.9 14.9#





#21
Benzo(a)anthracene
Concen: 90.721 ng/u1
RT: 21.122 min Scan# 4110
Delta R.T. -0.023 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

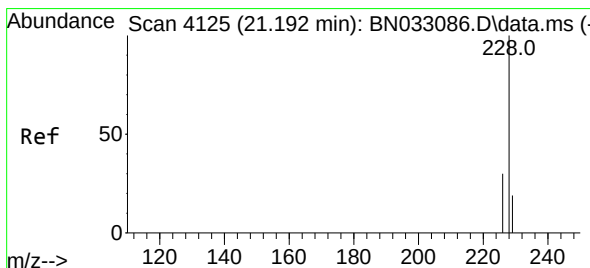
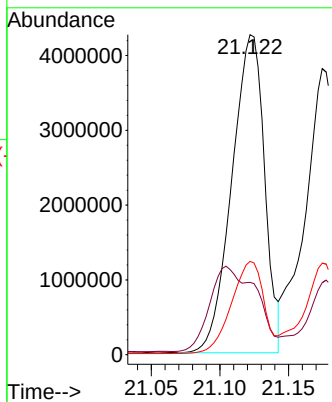
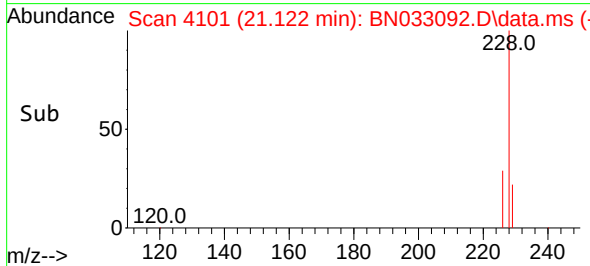
Instrument :
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Tgt Ion:228 Resp: 705262
Ion Ratio Lower Upper
228 100
229 22.6 17.1 25.7
226 29.1 22.4 33.6

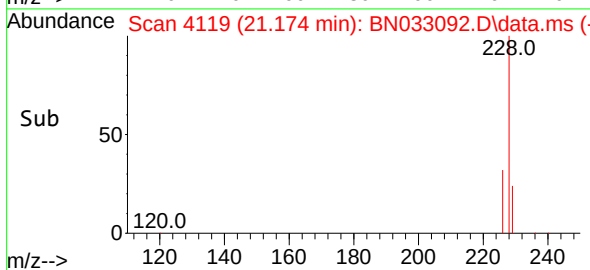
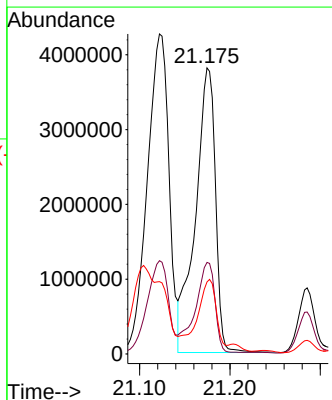
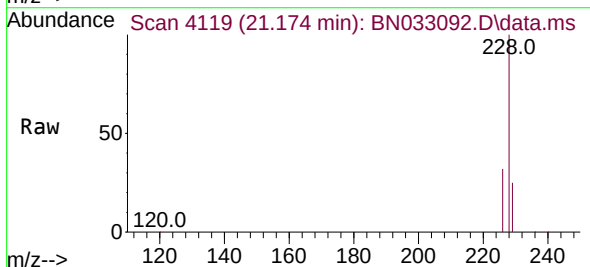
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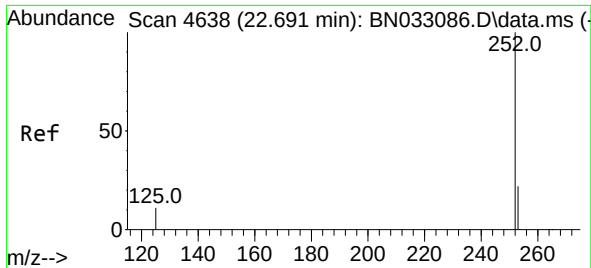
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 64.691 ng/u1
RT: 21.174 min Scan# 4119
Delta R.T. -0.020 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

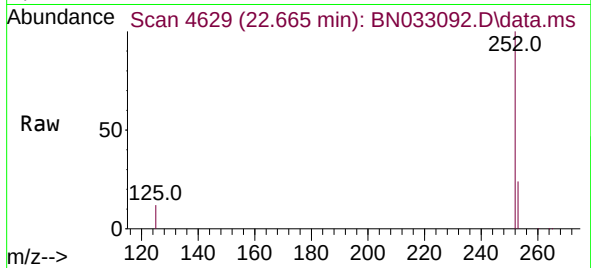
Tgt Ion:228 Resp: 5869060
Ion Ratio Lower Upper
228 100
226 32.0 24.7 37.1
229 25.2 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 76.050 ng/ul m
RT: 22.665 min Scan# 4629
Delta R.T. -0.029 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

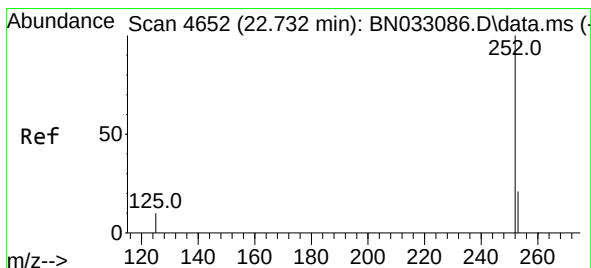
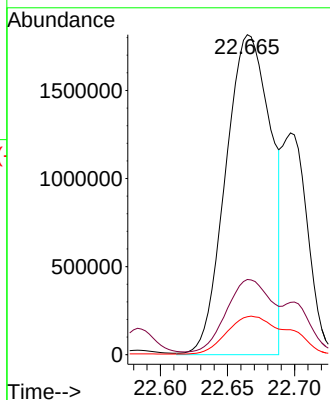
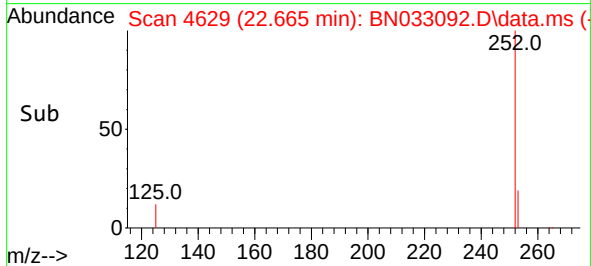
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ClientSampleId :
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Tgt Ion:252 Resp: 4256780
Ion Ratio Lower Upper
252 100
253 23.5 0.0 60.6
125 11.8 0.0 51.0

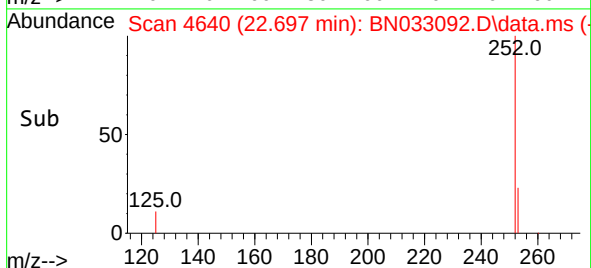
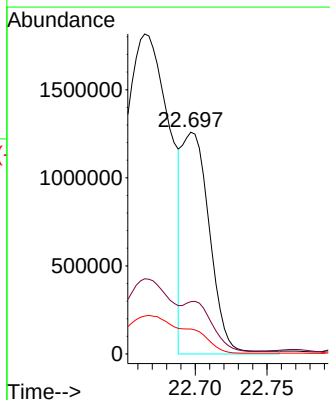
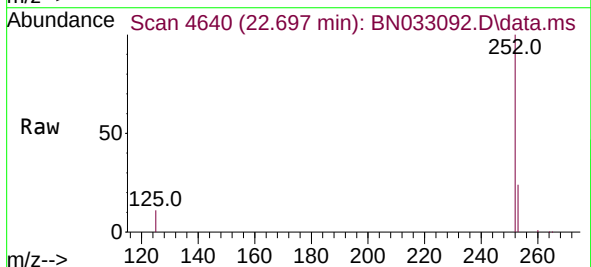
Manual Integrations
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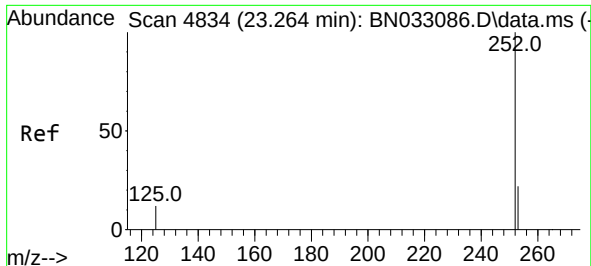
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 25.150 ng/ul m
RT: 22.697 min Scan# 4640
Delta R.T. -0.038 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

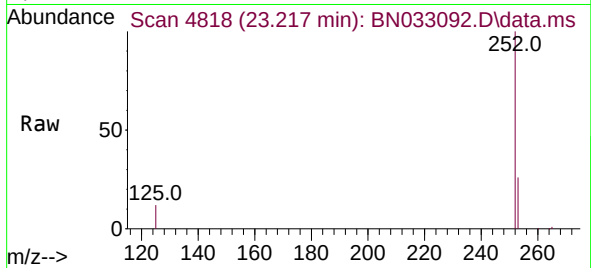
Tgt Ion:252 Resp: 1686985
Ion Ratio Lower Upper
252 100
253 23.6 24.9 37.3#
125 11.3 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 45.077 ng/ul
RT: 23.217 min Scan# 4818
Delta R.T. -0.044 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

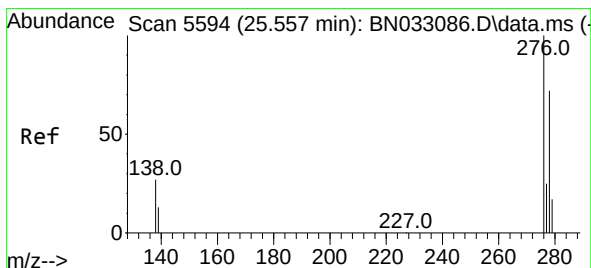
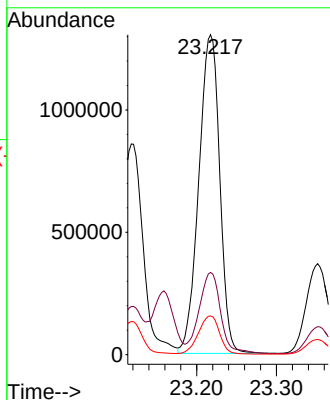
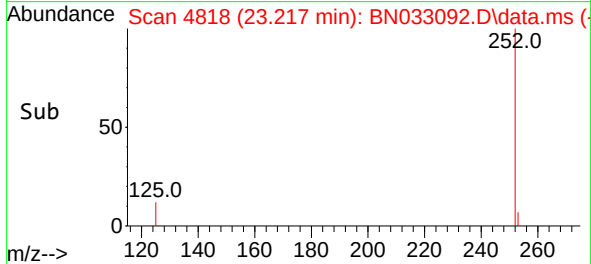
Instrument :
BNA_N
ClientSampleId :
F7E07



Tgt Ion:252 Resp: 237459
Ion Ratio Lower Upper
252 100
253 25.7 27.5 41.3
125 12.1 27.0 40.6

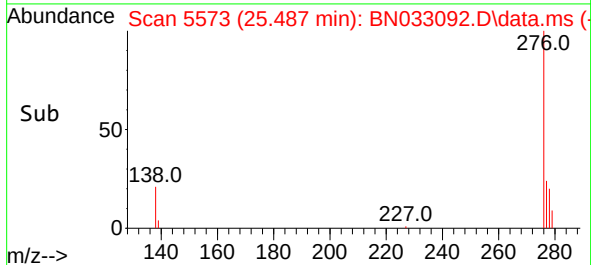
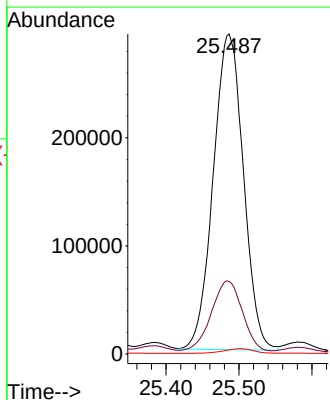
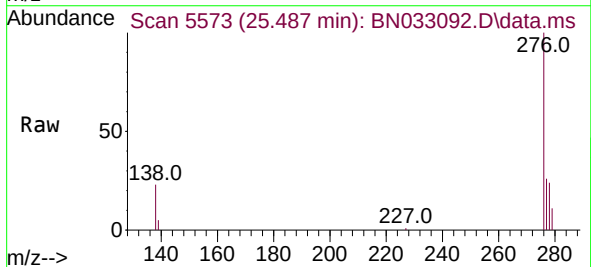
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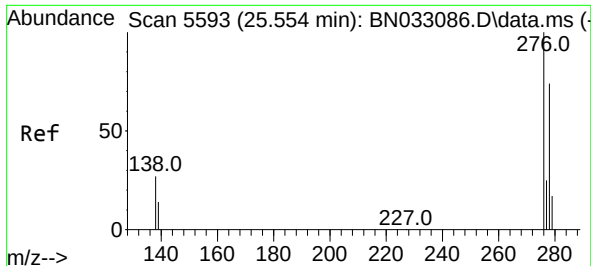
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 10.491 ng/ul
RT: 25.487 min Scan# 5573
Delta R.T. -0.074 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

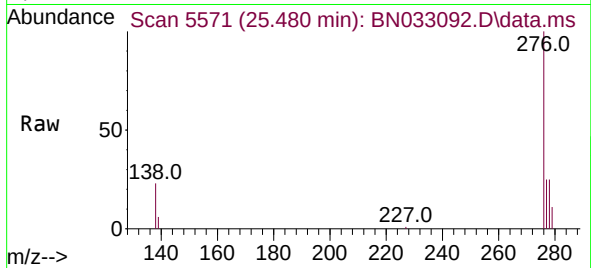
Tgt Ion:276 Resp: 840419
Ion Ratio Lower Upper
276 100
138 22.7 21.8 32.8
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 3.813 ng/ul m
RT: 25.480 min Scan# 51
Delta R.T. -0.080 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

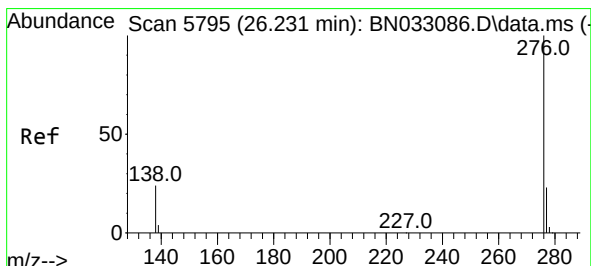
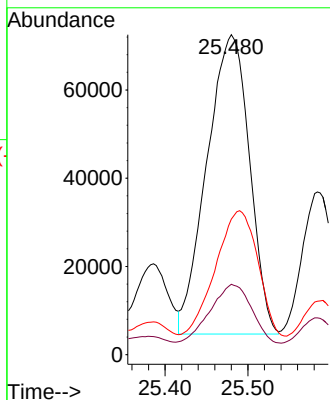
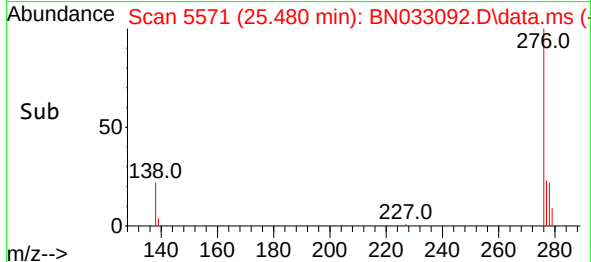
Instrument :
BNA_N
ClientSampleId :
F7E07



Tgt Ion:278 Resp: 24206
Ion Ratio Lower Upper
278 100
139 22.0 22.5 33.7
279 42.3 25.5 38.3

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Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#29
Benzo(g,h,i)perylene
Concen: 10.233 ng/ul
RT: 26.154 min Scan# 5772
Delta R.T. -0.087 min
Lab File: BN033092.D
Acq: 30 Jul 2024 06:31

Tgt Ion:276 Resp: 651297
Ion Ratio Lower Upper
276 100
138 23.5 24.6 37.0#
277 25.0 22.6 34.0

