

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033090.D
 Acq On : 30 Jul 2024 05:18
 Operator : MA/JU
 Sample : P3329-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E01

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 05:43:52 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	7.491	152	2401	0.400	ng/ul	#-0.04
4) Naphthalene-d8	10.245	136	8983	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.120	164	44399	0.400	ng/ul	#-0.05
13) Phenanthrene-d10	16.911	188	16146	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.139	240	16956	0.400	ng/ul	#-0.02
23) Perylene-d12	23.305	264	31930	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	6432	2.118	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.846	152	2801	0.191	ng/ul	-0.07
18) Fluoranthene-d10	18.930	212	21033m	0.438	ng/ul	-0.05
Target Compounds						Qvalue
5) Naphthalene	10.306	128	12591054	545.811	ng/ul#	93
7) 2-Methylnaphthalene	11.934	142	7952298	508.882	ng/ul	93
8) 1-Methylnaphthalene	12.148	142	4710047	278.712	ng/ul	99
10) Acenaphthylene	13.852	152	649391	3.574	ng/ul#	93
11) Acenaphthene	14.212	153	8115553	59.377	ng/ul	96
12) Fluorene	15.216	166	9781489	61.403	ng/ul	96
15) Phenanthrene	16.996	178	24899289	574.938	ng/ul	99
16) Anthracene	17.063	178	10342368	265.618	ng/ul	98
19) Fluoranthene	19.000	202	19878740	356.062	ng/ul#	91
20) Pyrene	19.367	202	15094082	252.110	ng/ul#	91
21) Benzo(a)anthracene	21.125	228	8043592	139.074	ng/ul	99
22) Chrysene	21.177	228	7441919	110.255	ng/ul	97
24) Benzo(b)fluoranthene	22.671	252	6980223m	74.835	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	2834749m	25.360	ng/ul	
26) Benzo(a)pyrene	23.214	252	2441710	27.815	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.487	276	1193793	8.943	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.480	278	520383	4.919	ng/ul#	92
29) Benzo(g,h,i)perylene	26.161	276	147785	1.393	ng/ul	94

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

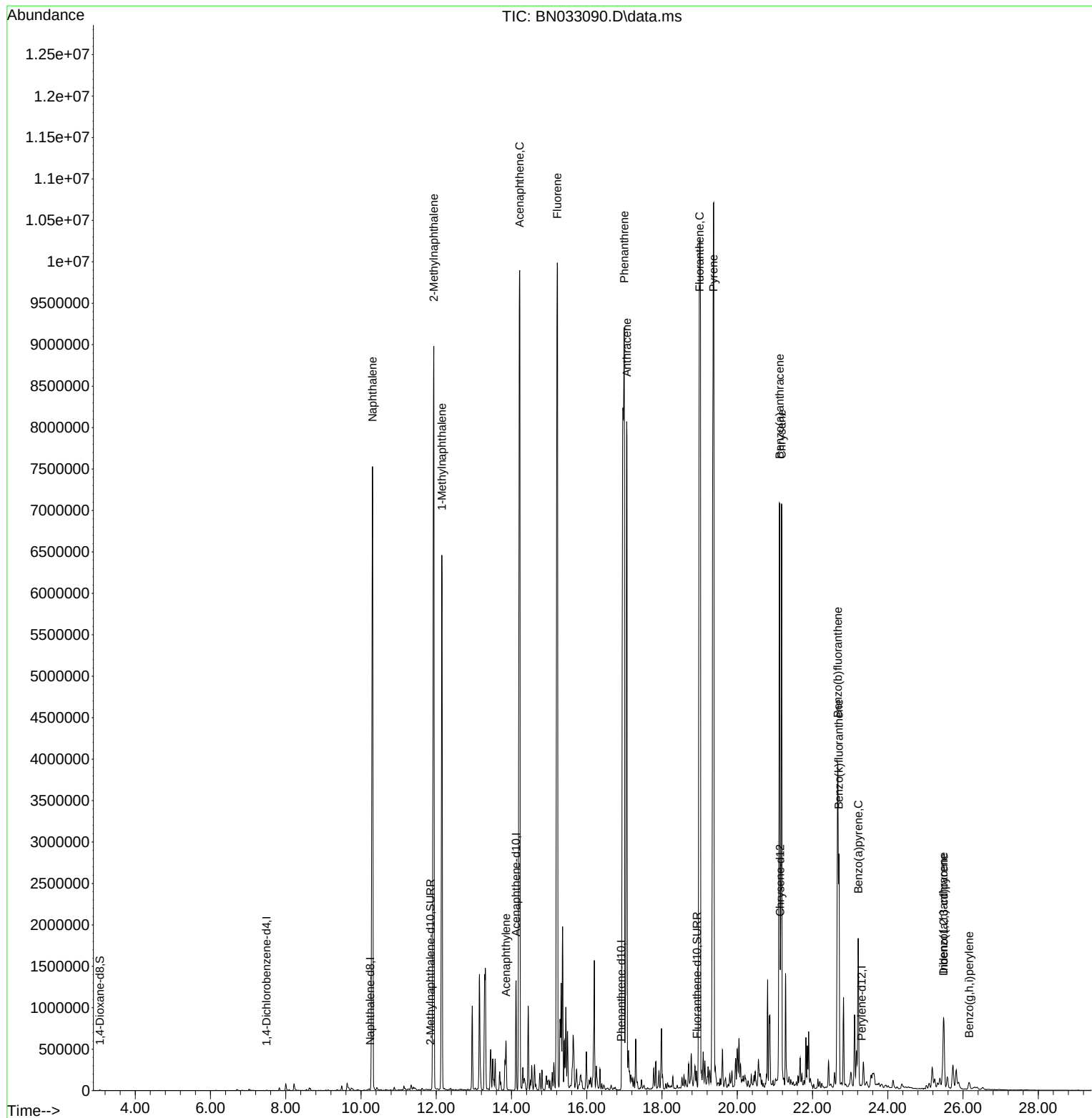
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033090.D
Acq On : 30 Jul 2024 05:18
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Sample : P3329-02
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ALS Vial : 24 Sample Multiplier: 1

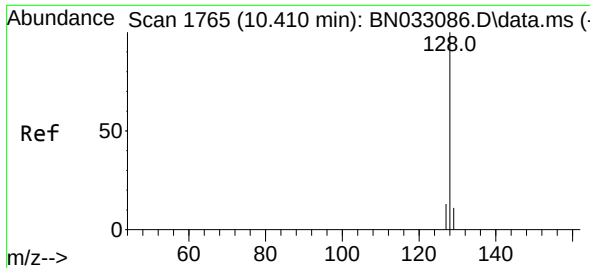
Instrument :
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Supervised By :mohammad ahmed 07/31/2024

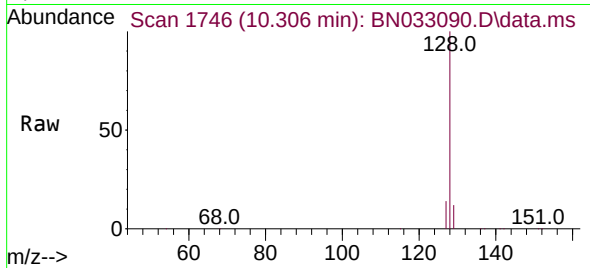
Quant Time: Jul 30 05:43:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 545.811 ng/ul
RT: 10.306 min Scan# 1746
Delta R.T. -0.044 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

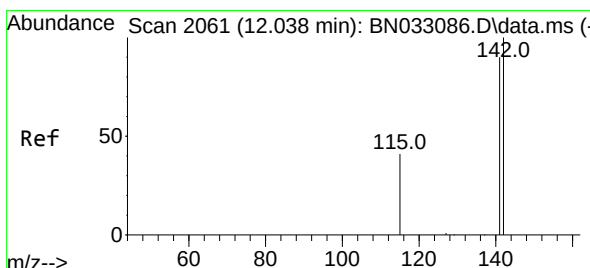
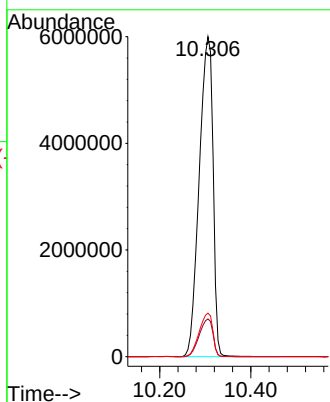
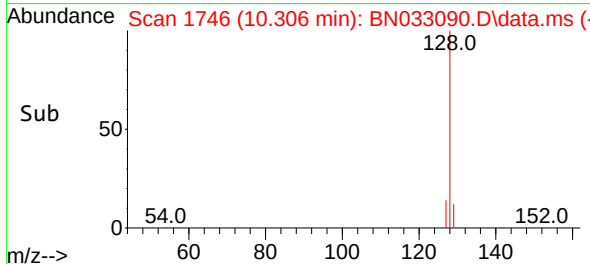
Instrument :
BNA_N
ClientSampleId :
F7E01



Tgt Ion:128 Resp:12591054
Ion Ratio Lower Upper
128 100
129 11.8 12.0 18.0
127 13.6 12.7 19.1

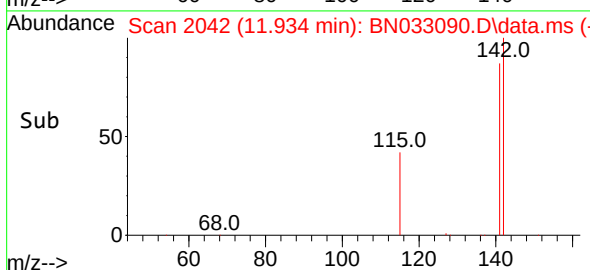
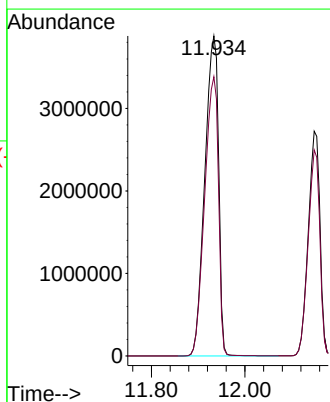
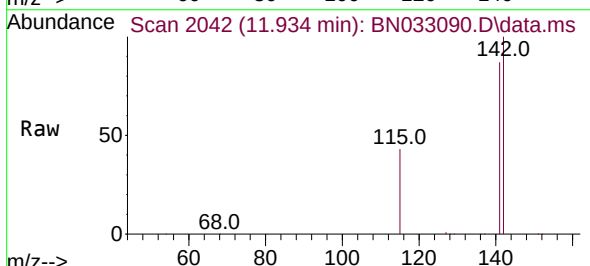
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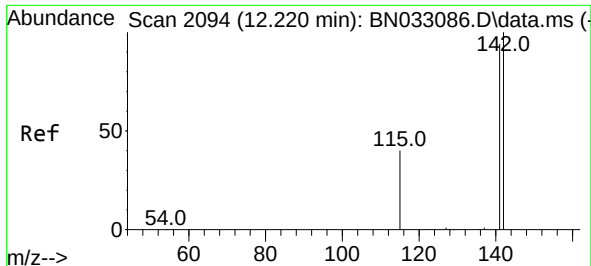
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 508.882 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.049 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

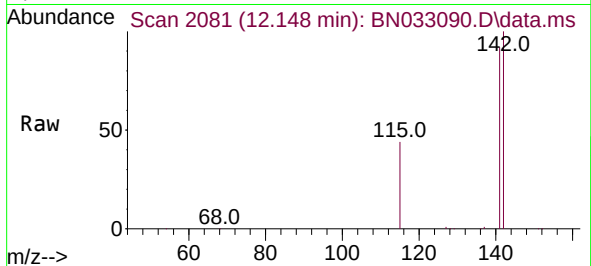
Tgt Ion:142 Resp: 7952298
Ion Ratio Lower Upper
142 100
141 87.6 75.2 112.8





#8
1-Methylnaphthalene
Concen: 278.712 ng/ul
RT: 12.148 min Scan# 2094
Delta R.T. -0.049 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

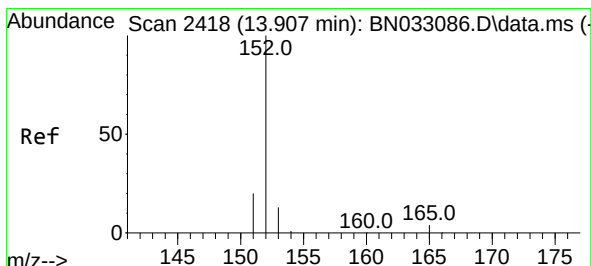
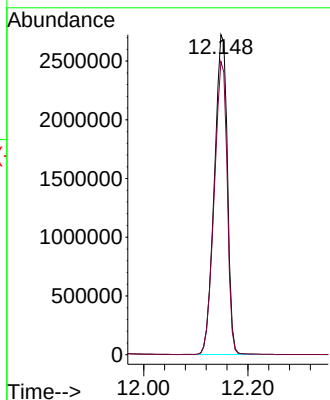
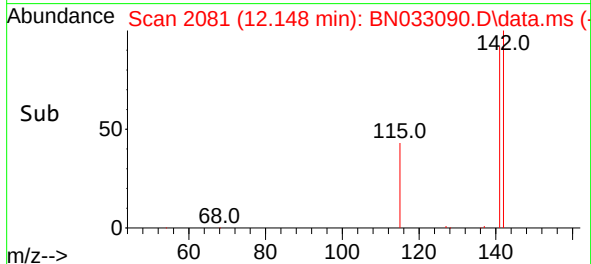
Instrument :
BNA_N
ClientSampleId :
F7E01



Tgt Ion:142 Resp: 471004
Ion Ratio Lower Upper
142 100
141 91.5 74.3 111.5

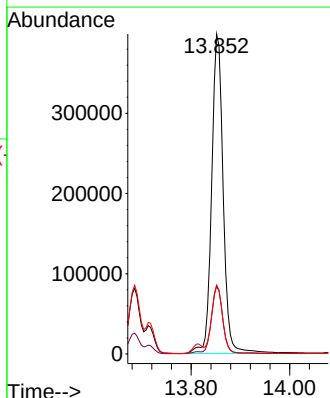
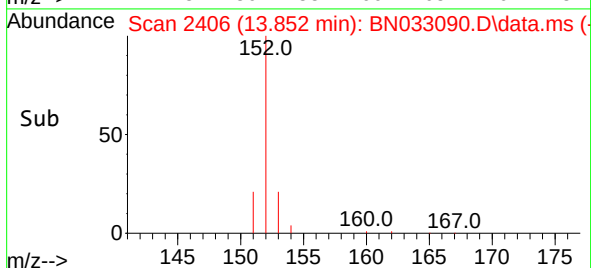
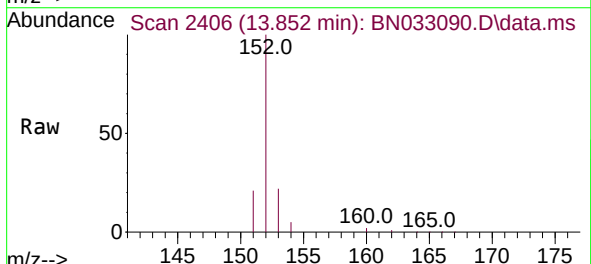
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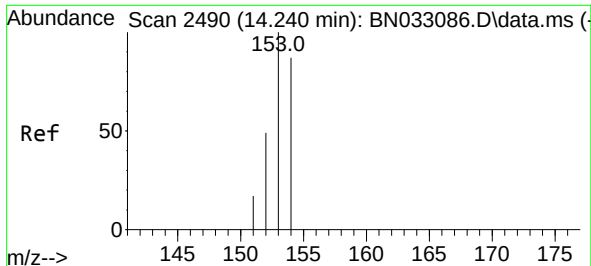
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 3.574 ng/ul
RT: 13.852 min Scan# 2406
Delta R.T. -0.046 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

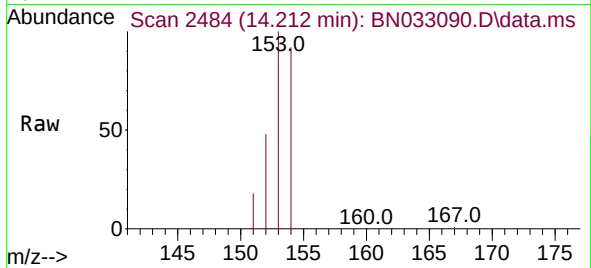
Tgt Ion:152 Resp: 649391
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 21.6 11.9 17.9#





#11
Acenaphthene
Concen: 59.377 ng/ul
RT: 14.212 min Scan# 2490
Delta R.T. -0.023 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

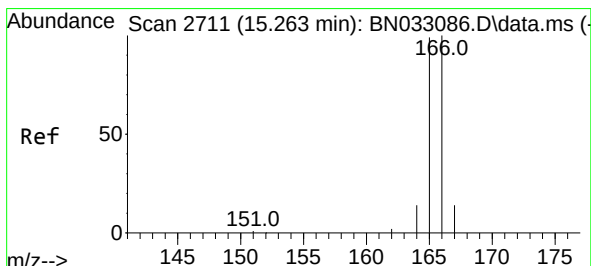
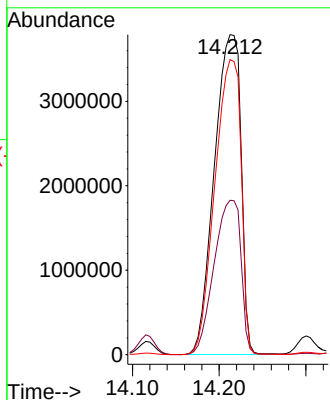
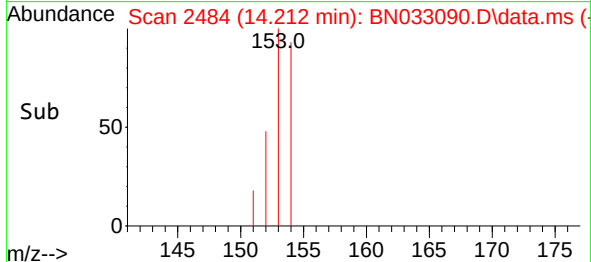
Instrument :
BNA_N
ClientSampleId :
F7E01



Tgt Ion:153 Resp: 811555
Ion Ratio Lower Upper
153 100
152 48.3 40.0 60.0
154 92.2 70.1 105.1

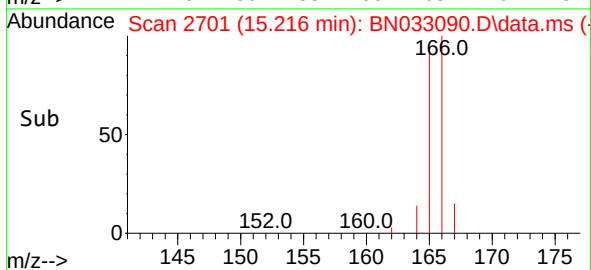
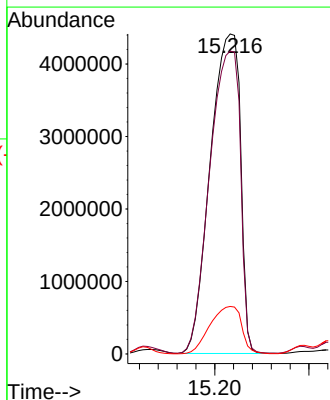
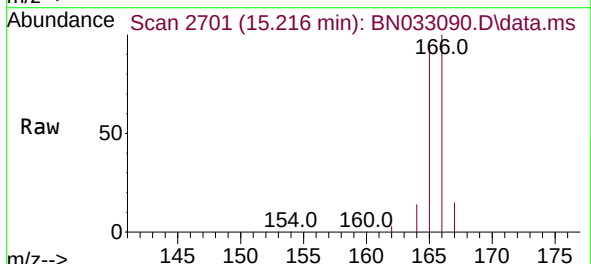
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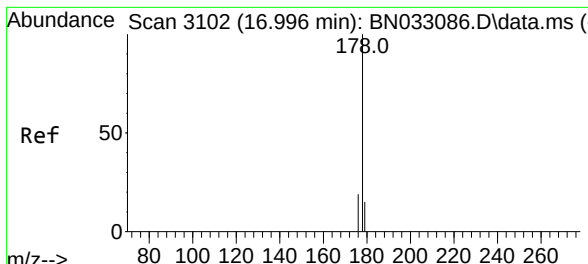
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#12
Fluorene
Concen: 61.403 ng/ul
RT: 15.216 min Scan# 2701
Delta R.T. -0.028 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

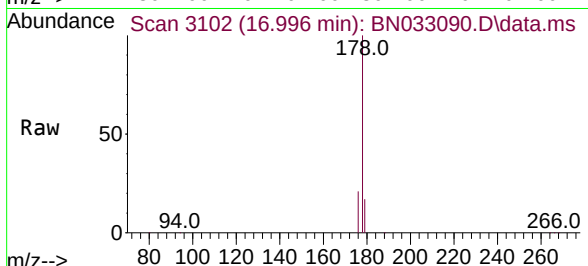
Tgt Ion:166 Resp: 9781489
Ion Ratio Lower Upper
166 100
165 94.6 79.6 119.4
167 14.9 12.2 18.4





#15
Phenanthrene
Concen: 574.938 ng/u1
RT: 16.996 min Scan# 3102
Delta R.T. 0.009 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

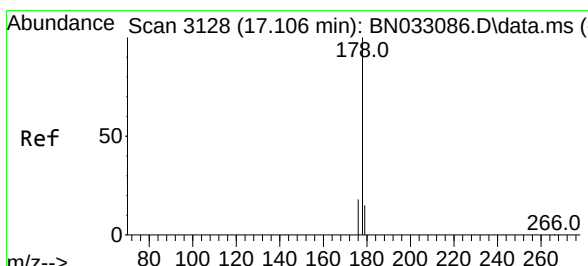
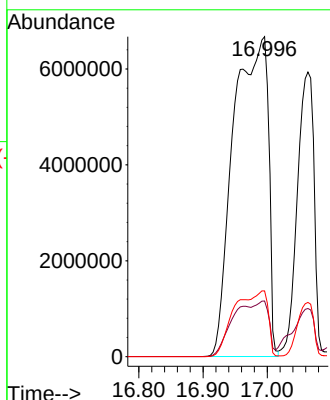
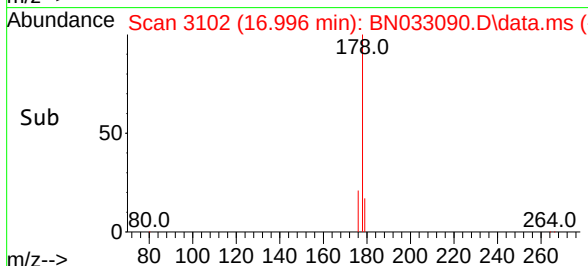
Instrument :
BNA_N
ClientSampleId :
F7E01



Tgt Ion:178 Resp:24899289
Ion Ratio Lower Upper
178 100
179 17.4 13.7 20.5
176 20.5 15.9 23.9

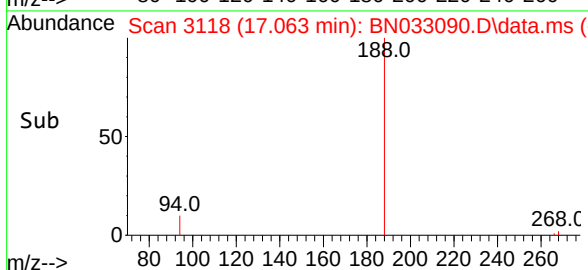
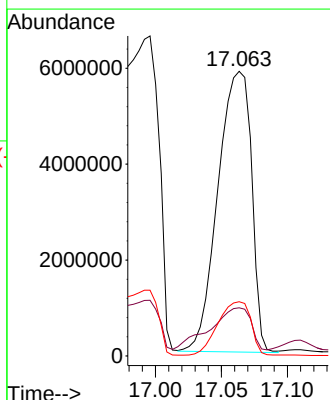
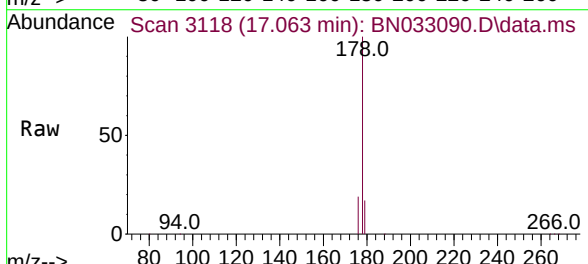
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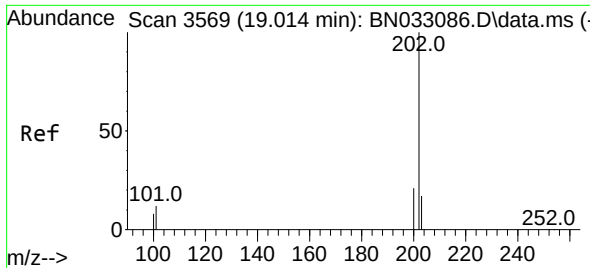
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 265.618 ng/u1
RT: 17.063 min Scan# 3118
Delta R.T. -0.021 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

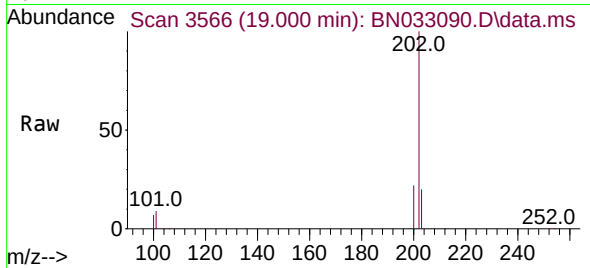
Tgt Ion:178 Resp:10342368
Ion Ratio Lower Upper
178 100
179 16.9 14.3 21.5
176 19.0 15.8 23.8





#19
Fluoranthene
Concen: 356.062 ng/u1
RT: 19.000 min Scan# 3569
Delta R.T. -0.014 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

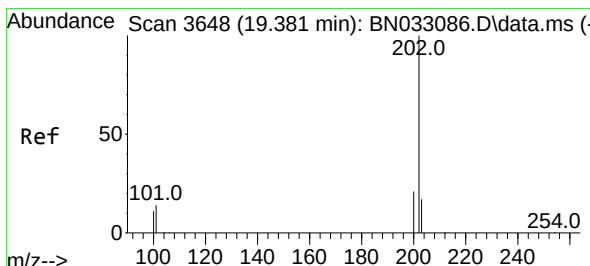
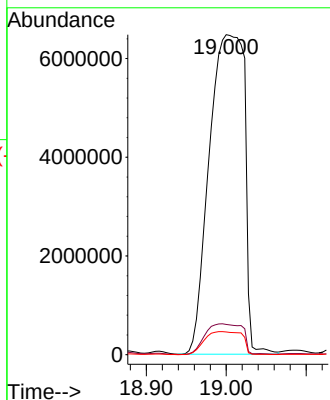
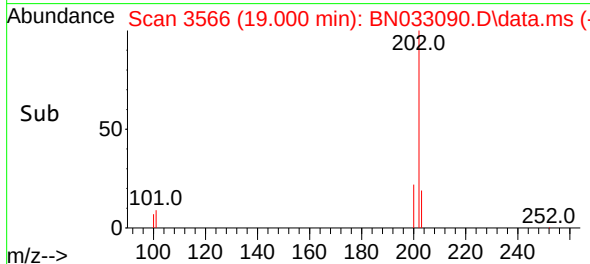
Instrument :
BNA_N
ClientSampleId :
F7E01



Tgt Ion:202 Resp:19878740
Ion Ratio Lower Upper
202 100
101 9.5 10.7 16.1#
100 7.1 8.3 12.5#

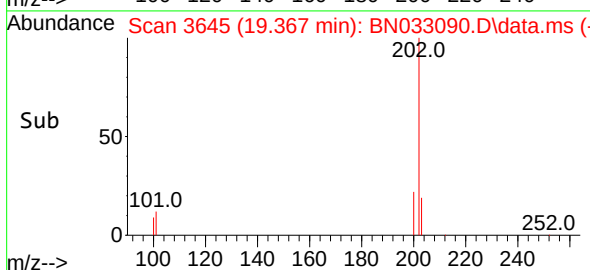
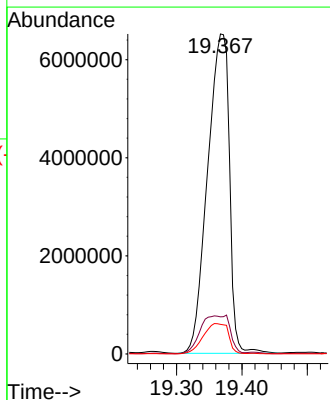
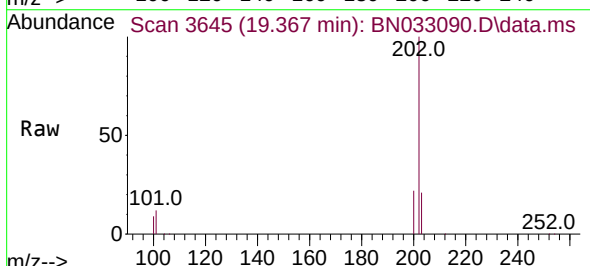
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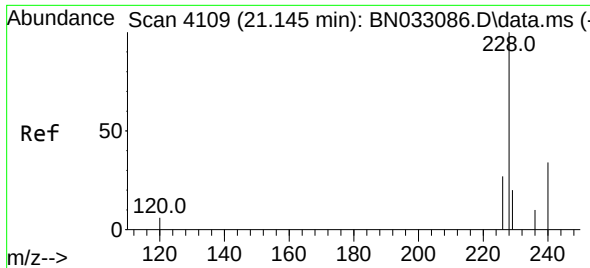
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 252.110 ng/u1
RT: 19.367 min Scan# 3645
Delta R.T. -0.014 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

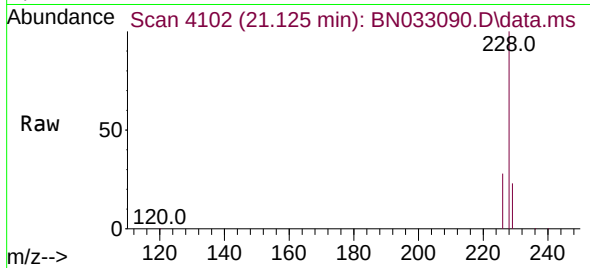
Tgt Ion:202 Resp:15094082
Ion Ratio Lower Upper
202 100
101 11.6 12.6 18.8#
100 9.3 9.9 14.9#





#21
Benzo(a)anthracene
Concen: 139.074 ng/ul
RT: 21.125 min Scan# 4109
Delta R.T. -0.020 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

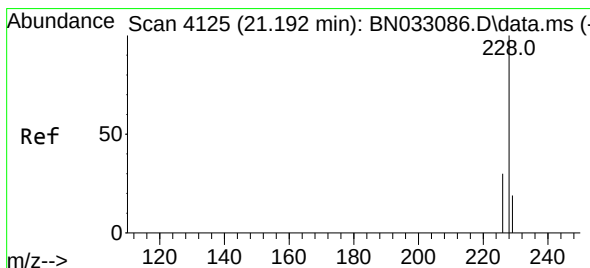
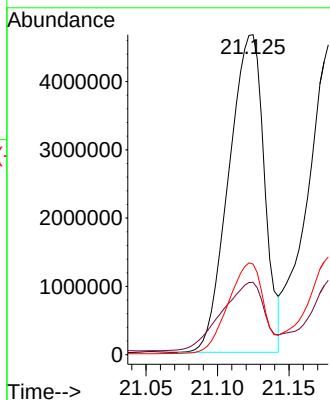
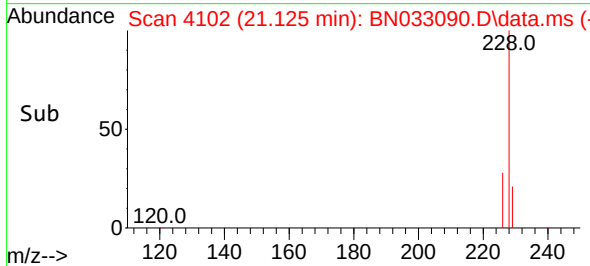
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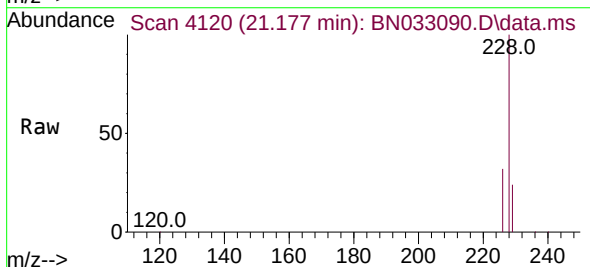
Tgt Ion:228 Resp: 8043592
Ion Ratio Lower Upper
228 100
229 22.6 17.1 25.7
226 28.3 22.4 33.6

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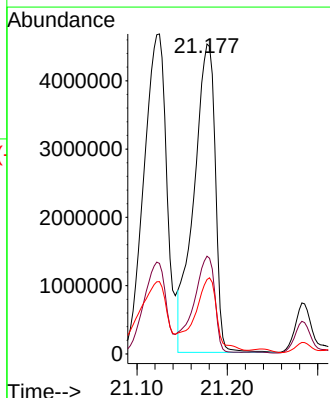
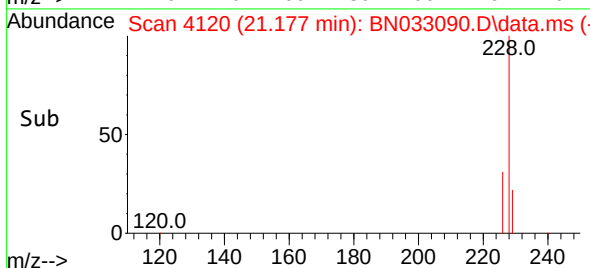
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

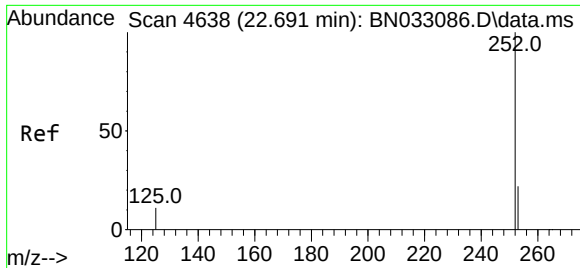


#22
Chrysene
Concen: 110.255 ng/ul
RT: 21.177 min Scan# 4120
Delta R.T. -0.017 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18



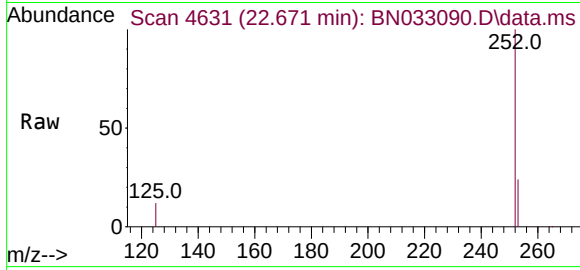
Tgt Ion:228 Resp: 7441919
Ion Ratio Lower Upper
228 100
226 31.5 24.7 37.1
229 24.0 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 74.835 ng/ul m
RT: 22.671 min Scan# 4631
Delta R.T. -0.023 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

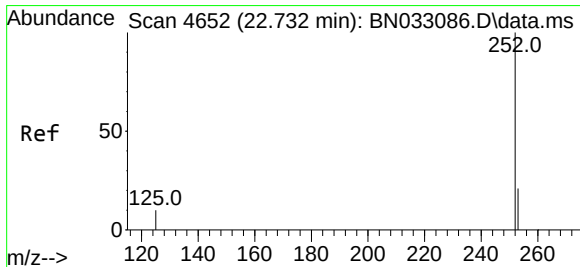
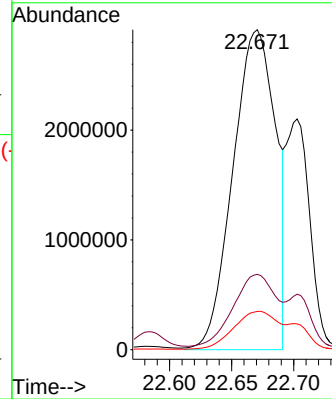
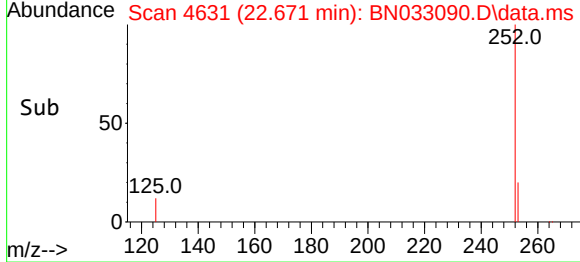
Instrument :
BNA_N
ClientSampleId :
F7E01



Tgt Ion:252 Resp: 698022
Ion Ratio Lower Upper
252 100
253 23.6 0.0 60.6
125 11.9 0.0 51.0

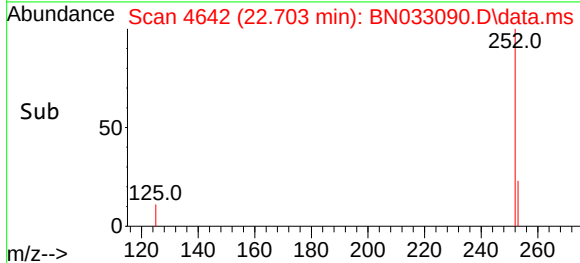
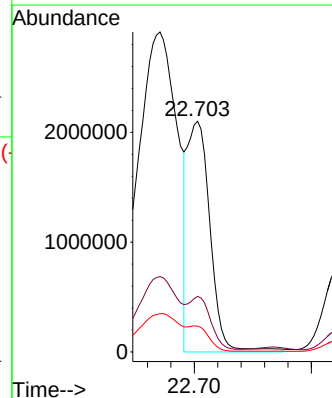
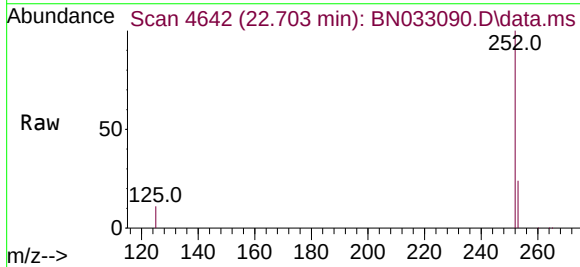
Manual Integrations
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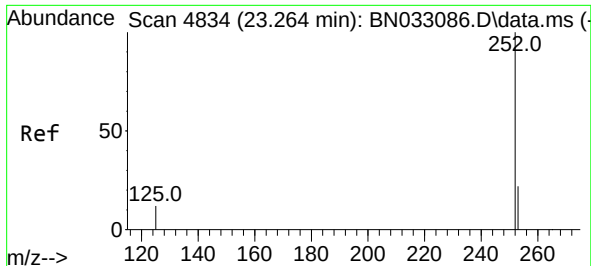
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 25.360 ng/ul m
RT: 22.703 min Scan# 4642
Delta R.T. -0.032 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

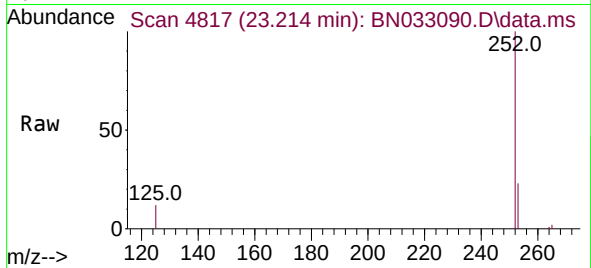
Tgt Ion:252 Resp: 2834749
Ion Ratio Lower Upper
252 100
253 24.1 24.9 37.3#
125 11.2 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 27.815 ng/ul
RT: 23.214 min Scan# 4817
Delta R.T. -0.047 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

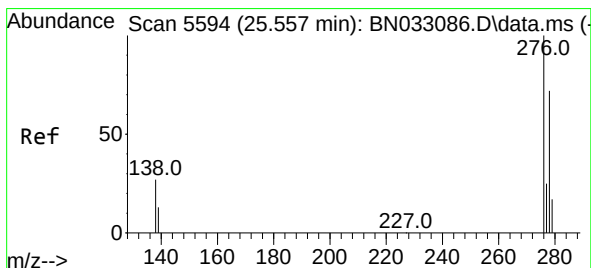
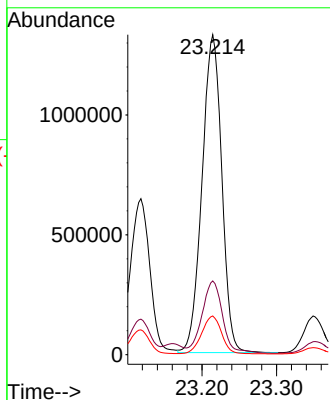
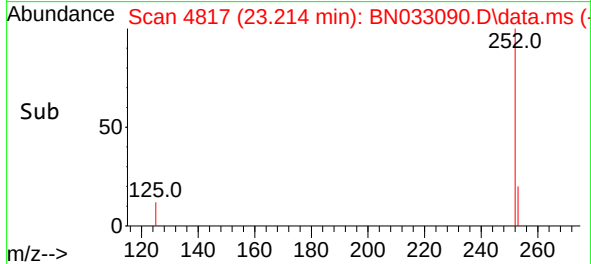
Instrument :
BNA_N
ClientSampleId :
F7E01



Tgt Ion:252 Resp: 2441710
Ion Ratio Lower Upper
252 100
253 23.0 27.5 41.3
125 12.1 27.0 40.6

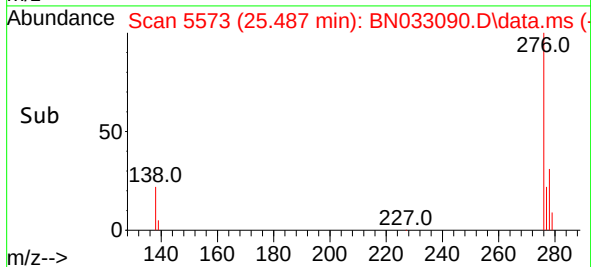
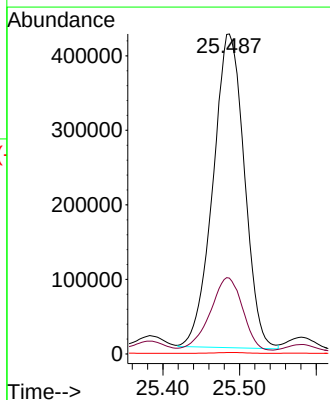
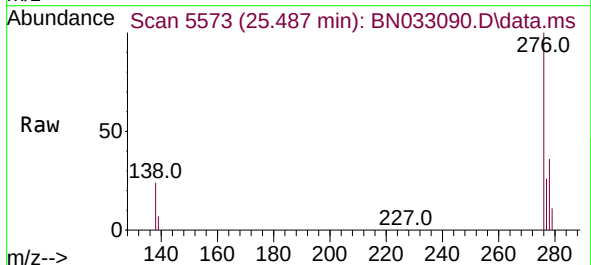
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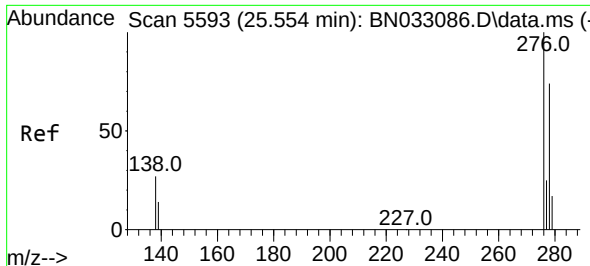
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 8.943 ng/ul
RT: 25.487 min Scan# 5573
Delta R.T. -0.074 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

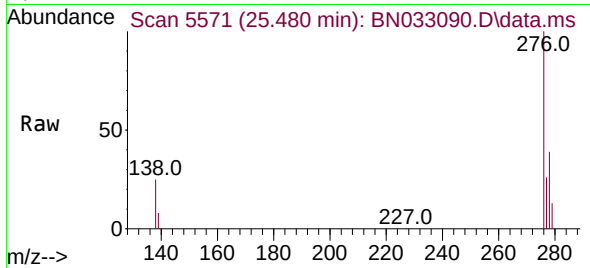
Tgt Ion:276 Resp: 1193793
Ion Ratio Lower Upper
276 100
138 23.9 21.8 32.8
227 0.3 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 4.919 ng/ul
RT: 25.480 min Scan# 51
Delta R.T. -0.080 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

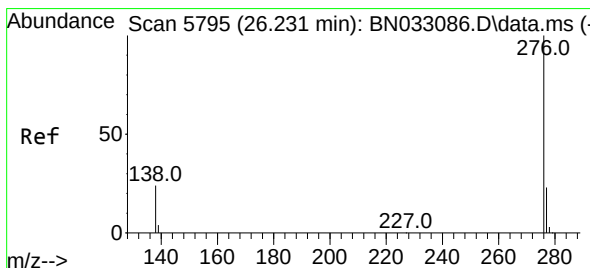
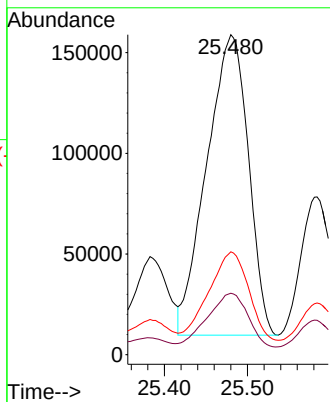
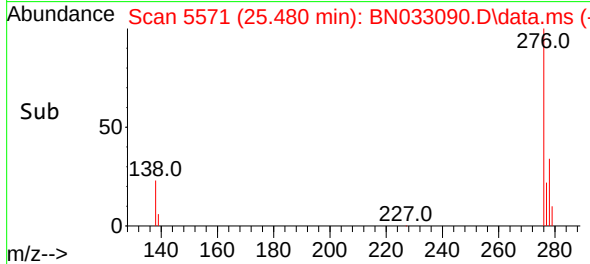
Instrument :
BNA_N
ClientSampleId :
F7E01



Tgt Ion:278 Resp: 52038
Ion Ratio Lower Upper
278 100
139 19.2 22.5 33.7
279 32.1 25.5 38.3

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Supervised By :mohammad ahmed 07/31/2024



#29
Benzo(g,h,i)perylene
Concen: 1.393 ng/ul
RT: 26.161 min Scan# 5774
Delta R.T. -0.080 min
Lab File: BN033090.D
Acq: 30 Jul 2024 05:18

Tgt Ion:276 Resp: 147785
Ion Ratio Lower Upper
276 100
138 28.4 24.6 37.0
277 32.8 22.6 34.0

