

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032707.D
 Acq On : 13 Jul 2024 13:18
 Operator : MA/JU
 Sample : P3125-03MSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CZ2MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 08:56:55 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 12 01:40:24 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.549	152	5781	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.316	136	17488	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.198	164	10274	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.953	188	21146	0.400	ng/ul	#-0.04
17) Chrysene-d12	21.171	240	17971	0.400	ng/ul	#-0.02
23) Perylene-d12	23.368	264	25162	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	3415	0.492	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	9762	0.369	ng/ul	-0.05
18) Fluoranthene-d10	18.994	212	22428	0.383	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.135	88	9618	1.217	ng/ul	90
5) Naphthalene	10.365	128	70137	1.494	ng/ul	97
7) 2-Methylnaphthalene	11.993	142	33998	1.160	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	24211	0.799	ng/ul	99
10) Acenaphthylene	13.915	152	125626	3.027	ng/ul	99
11) Acenaphthene	14.258	153	28505	0.830	ng/ul	100
12) Fluorene	15.257	166	36978	0.942	ng/ul	99
14) Pentachlorophenol	16.623	266	5621	1.515	ng/ul	99
15) Phenanthrene	16.995	178	531413	9.228	ng/ul	99
16) Anthracene	17.088	178	158842	3.376	ng/ul	99
19) Fluoranthene	19.027	202	1097007	15.014	ng/ul	98
20) Pyrene	19.394	202	685176	9.060	ng/ul	98
21) Benzo(a)anthracene	21.156	228	605630	10.587	ng/ul	97
22) Chrysene	21.206	228	659038	7.964	ng/ul	97
24) Benzo(b)fluoranthene	22.713	252	936854m	10.552	ng/ul	
25) Benzo(k)fluoranthene	22.752	252	377011m	3.485	ng/ul	
26) Benzo(a)pyrene	23.272	252	253013	3.293	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.583	276	307120	2.952	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.583	278	162076	2.010	ng/ul#	90
29) Benzo(g,h,i)perylene	26.263	276	42440	0.488	ng/ul#	78

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

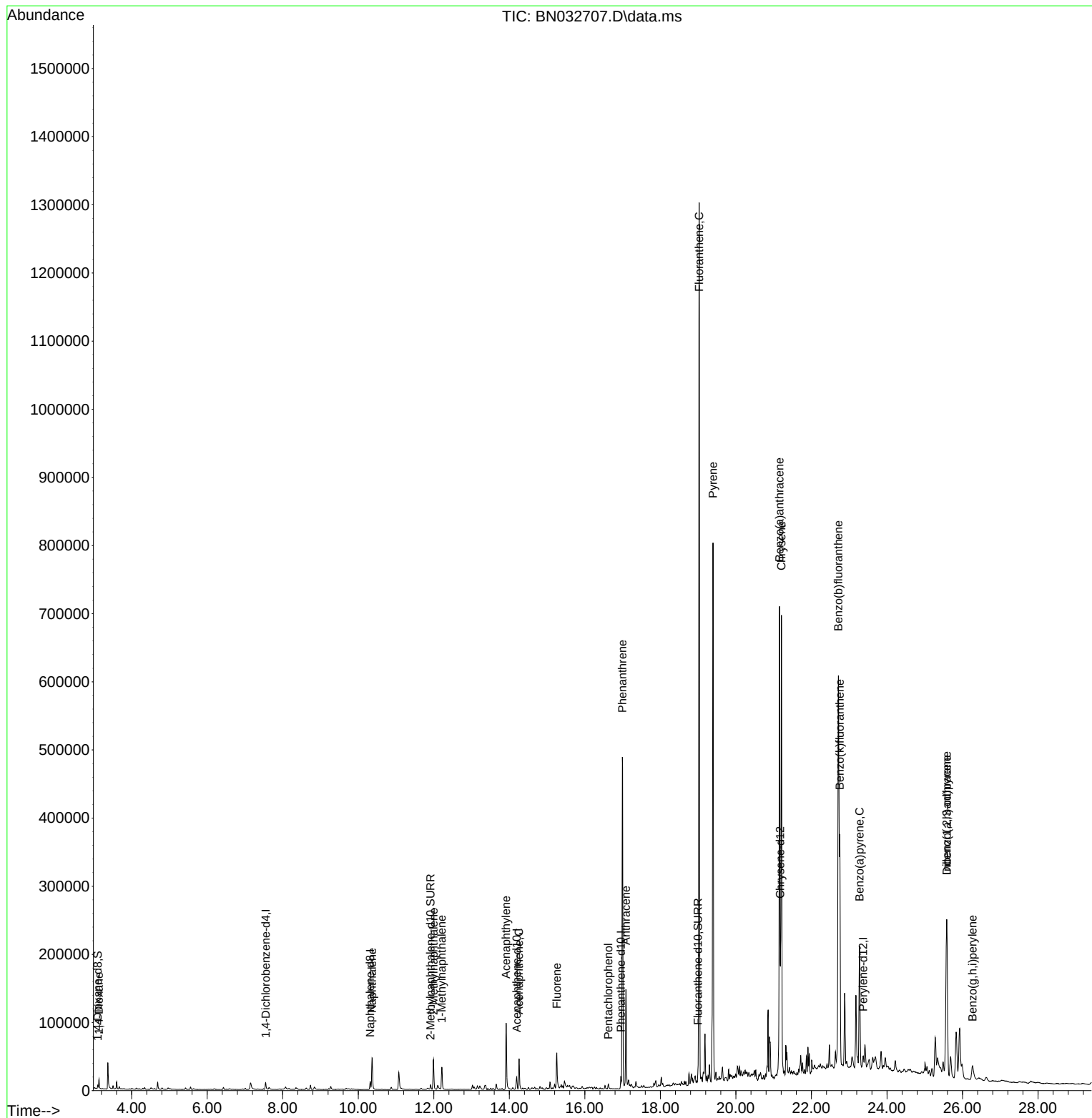
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032707.D
Acq On : 13 Jul 2024 13:18
Operator : MA/JU
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ALS Vial : 48 Sample Multiplier: 1

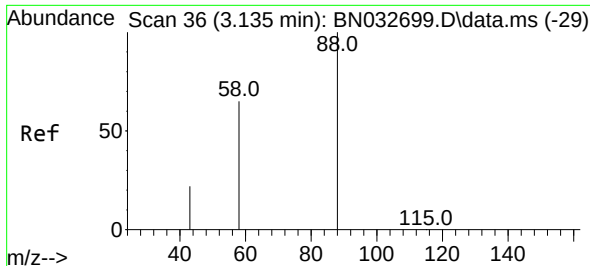
Instrument :
BNA_N
ClientSampleId :
A4CZ2MSD

Quant Time: Jul 15 08:56:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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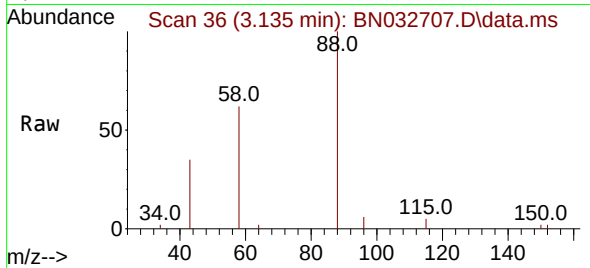
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024





#2
1,4-Dioxane
Concen: 1.217 ng/ul
RT: 3.135 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

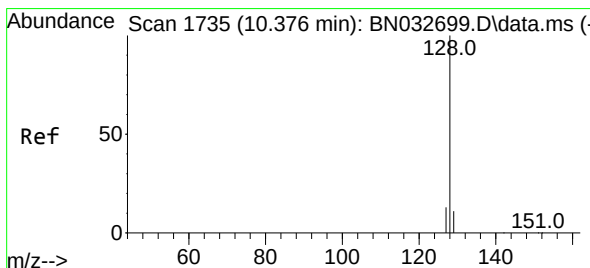
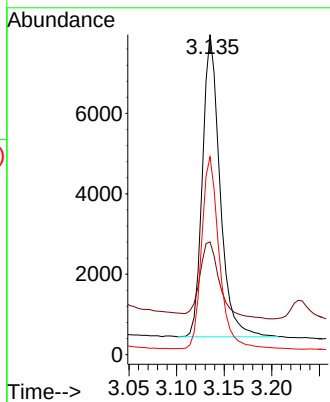
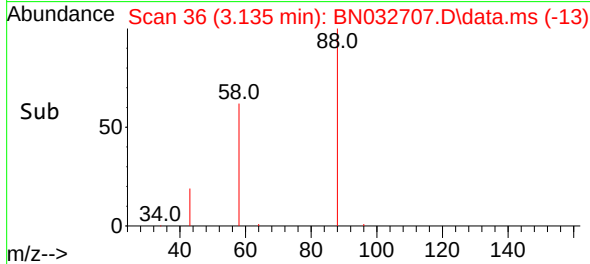
Instrument :
BNA_N
ClientSampleId :
A4CZ2MSD



Tgt Ion: 88 Resp: 9618
Ion Ratio Lower Upper
88 100
43 35.2 24.0 36.0
58 61.8 43.3 64.9

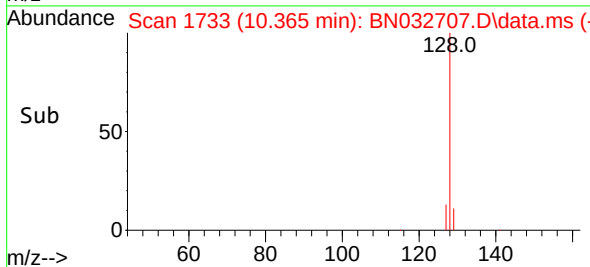
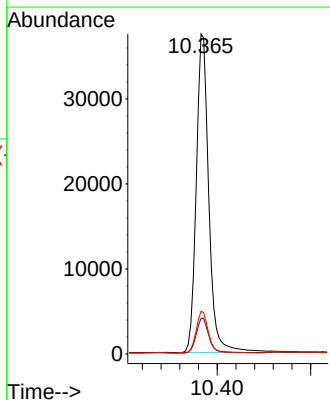
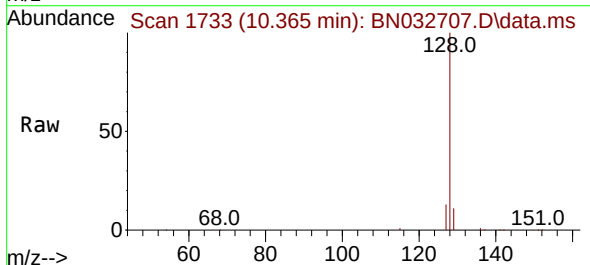
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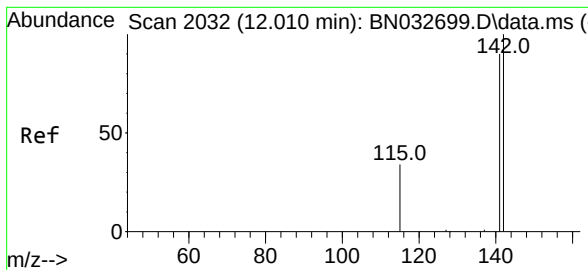
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#5
Naphthalene
Concen: 1.494 ng/ul
RT: 10.365 min Scan# 1733
Delta R.T. -0.044 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

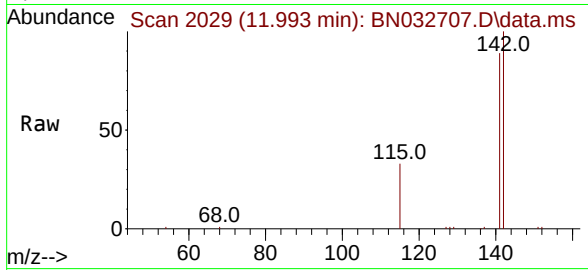
Tgt Ion:128 Resp: 70137
Ion Ratio Lower Upper
128 100
129 11.2 10.0 15.0
127 13.3 11.6 17.4





#7
2-Methylnaphthalene
Concen: 1.160 ng/ul
RT: 11.993 min Scan# 2069
Delta R.T. -0.055 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

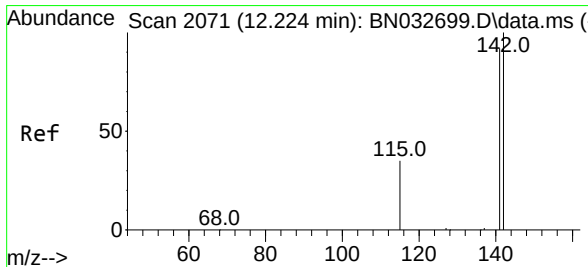
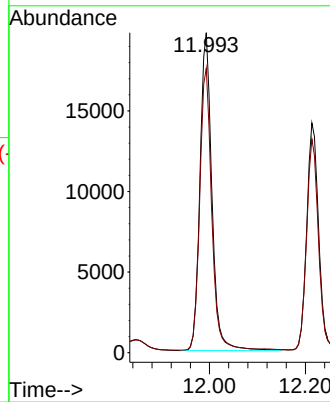
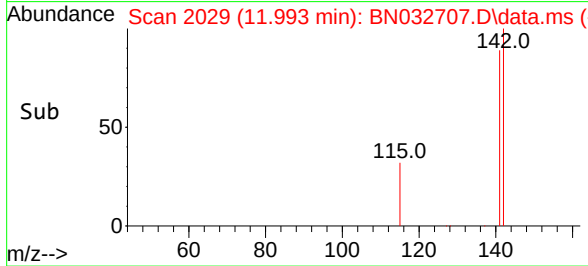
Instrument :
BNA_N
ClientSampleId :
A4CZ2MSD



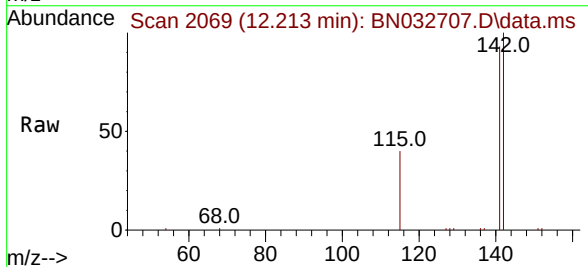
Tgt Ion:142 Resp: 33998
Ion Ratio Lower Upper
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141 89.2 74.0 111.0

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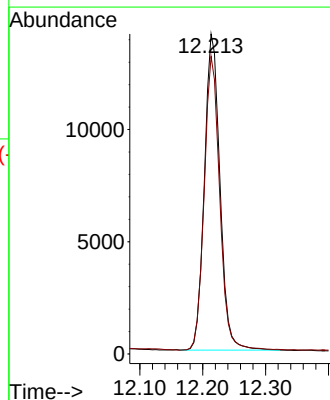
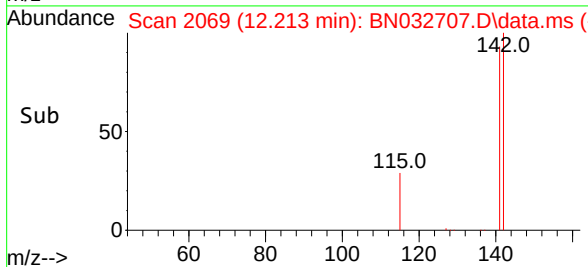
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

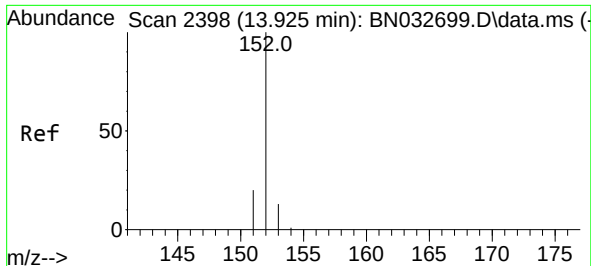


#8
1-Methylnaphthalene
Concen: 0.799 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.033 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18



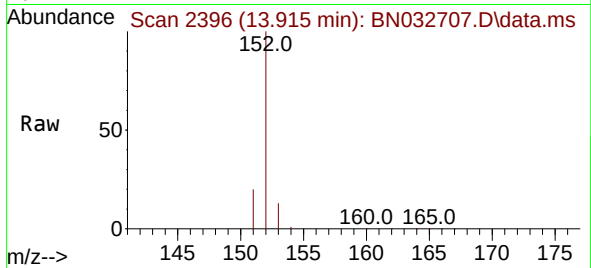
Tgt Ion:142 Resp: 24211
Ion Ratio Lower Upper
142 100
141 92.9 75.0 112.4





#10
Acenaphthylene
Concen: 3.027 ng/ul
RT: 13.915 min Scan# 21
Delta R.T. -0.028 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

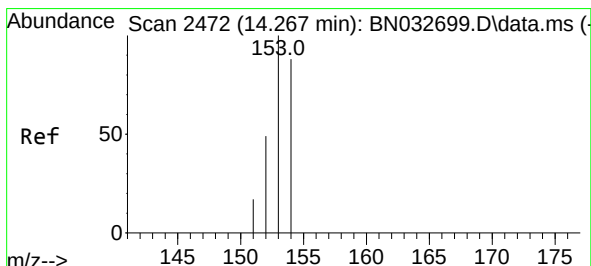
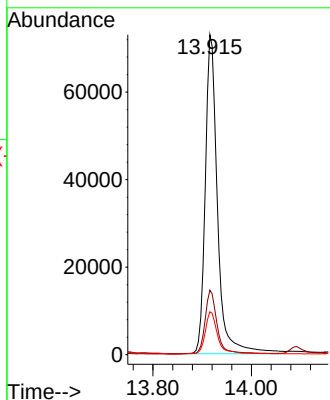
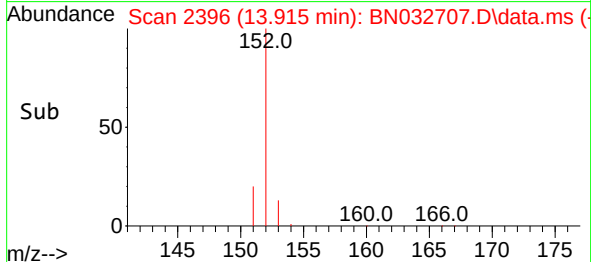
Instrument :
BNA_N
ClientSampleId :
A4CZ2MSD



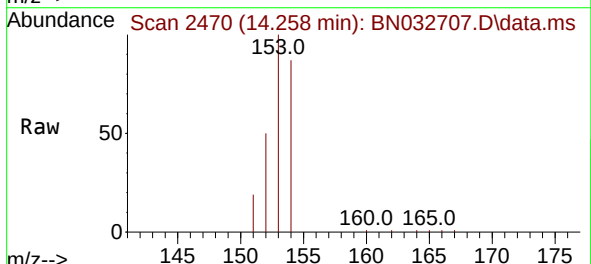
Tgt Ion:152 Resp: 125620
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.4 11.3 16.9

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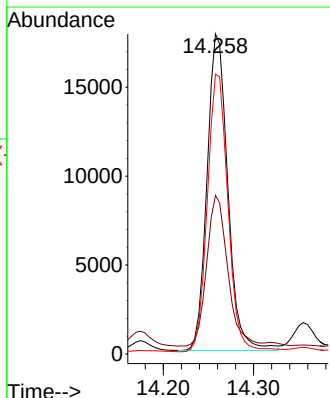
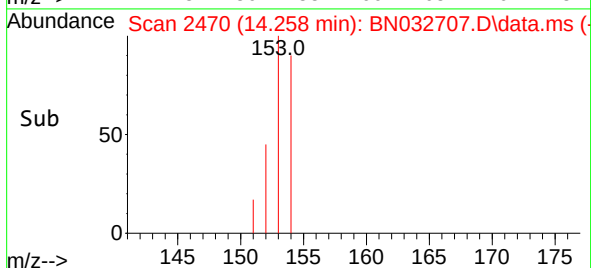
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

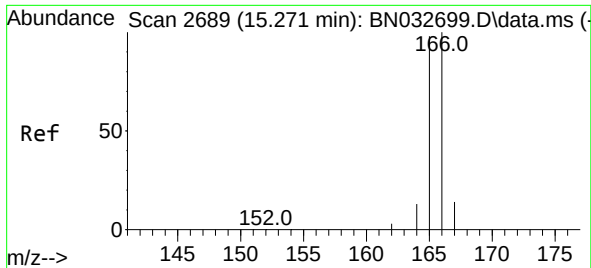


#11
Acenaphthene
Concen: 0.830 ng/ul
RT: 14.258 min Scan# 2470
Delta R.T. -0.023 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18



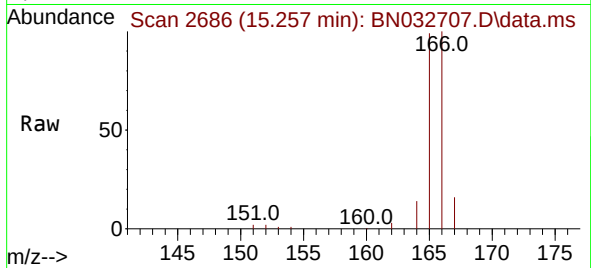
Tgt Ion:153 Resp: 28505
Ion Ratio Lower Upper
153 100
152 49.6 40.0 60.0
154 87.4 70.2 105.4





#12
Fluorene
Concen: 0.942 ng/ul
RT: 15.257 min Scan# 2090
Delta R.T. -0.032 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

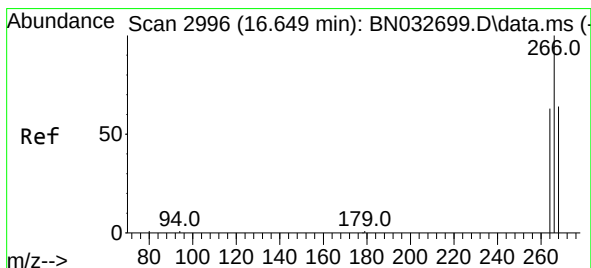
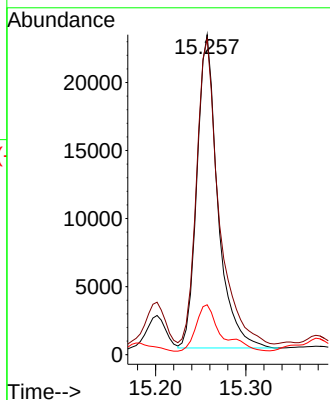
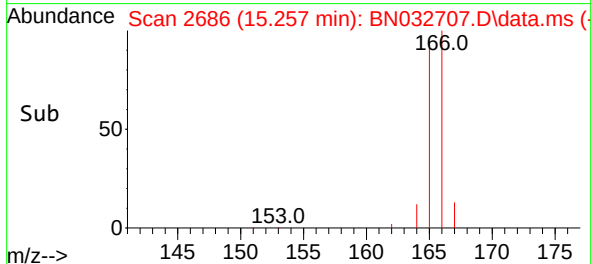
Instrument :
BNA_N
ClientSampleId :
A4CZ2MSD



Tgt Ion:166 Resp: 36978
Ion Ratio Lower Upper
166 100
165 98.7 79.7 119.5
167 15.6 11.4 17.2

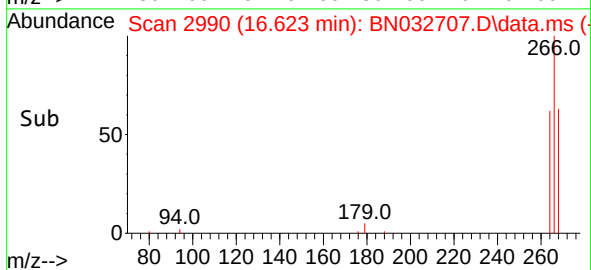
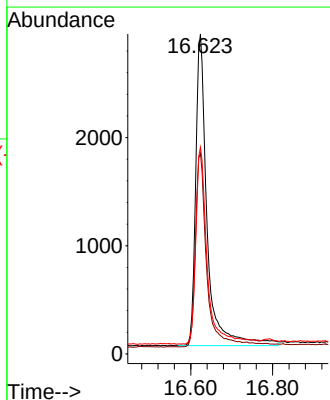
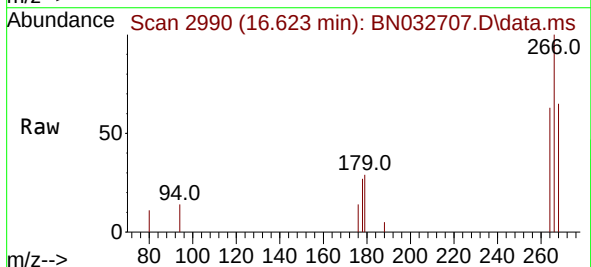
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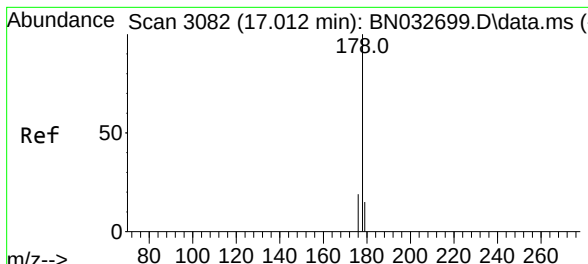
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#14
Pentachlorophenol
Concen: 1.515 ng/ul
RT: 16.623 min Scan# 2990
Delta R.T. -0.046 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

Tgt Ion:266 Resp: 5621
Ion Ratio Lower Upper
266 100
264 62.8 49.4 74.2
268 63.2 51.6 77.4



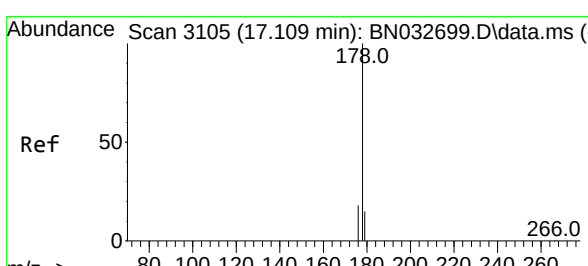
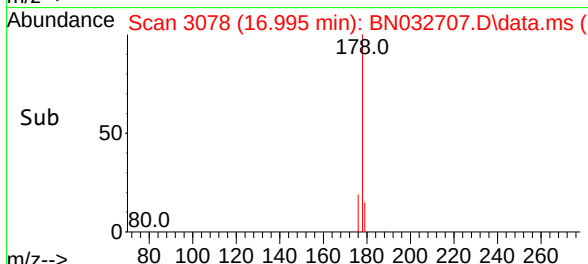
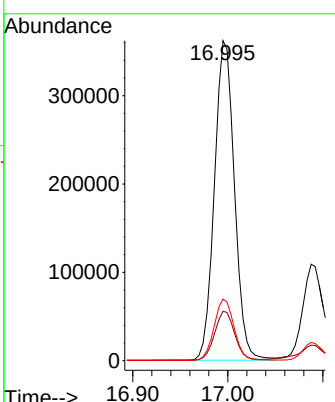
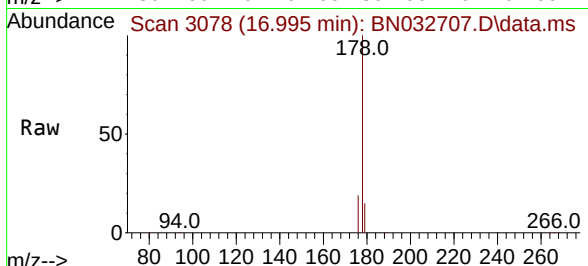


#15
 Phenanthrene
 Concen: 9.228 ng/ul
 RT: 16.995 min Scan# 3082
 Delta R.T. -0.034 min
 Lab File: BN032707.D
 Acq: 13 Jul 2024 13:18

Instrument : BNA_N
 ClientSampleId : A4CZ2MSD

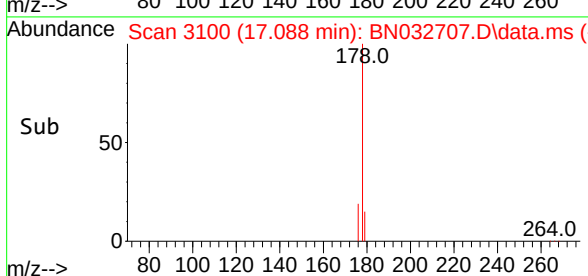
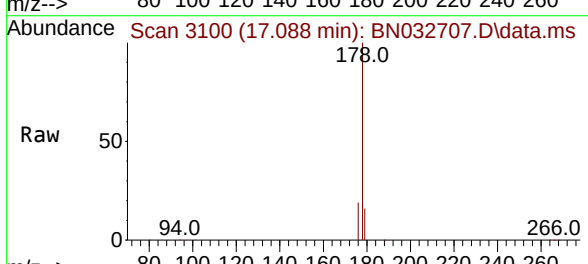
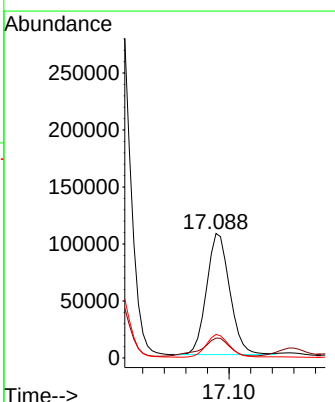
Tgt Ion:	178	Resp:	53141
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.0	19.4
176	19.3	15.6	23.4

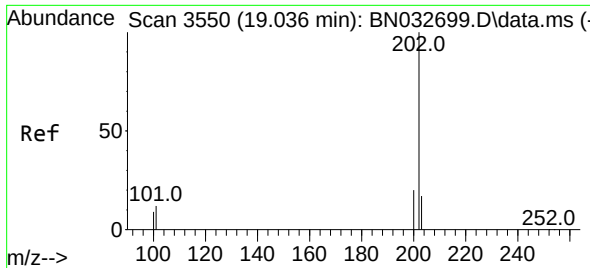
Manual Integrations
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 Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#16
 Anthracene
 Concen: 3.376 ng/ul
 RT: 17.088 min Scan# 3100
 Delta R.T. -0.051 min
 Lab File: BN032707.D
 Acq: 13 Jul 2024 13:18

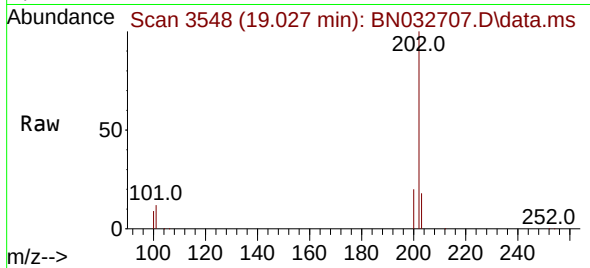
Tgt Ion:	178	Resp:	158842
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.4	20.2
176	18.8	15.4	23.0





#19
Fluoranthene
Concen: 15.014 ng/u1
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

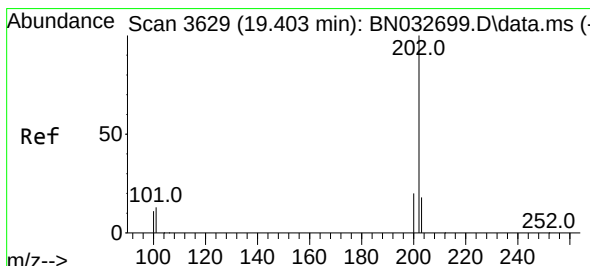
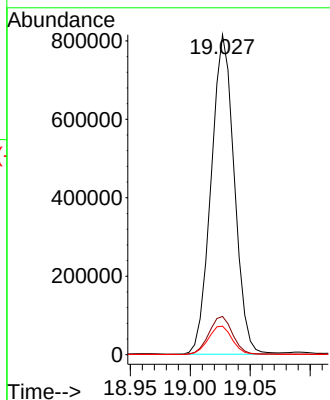
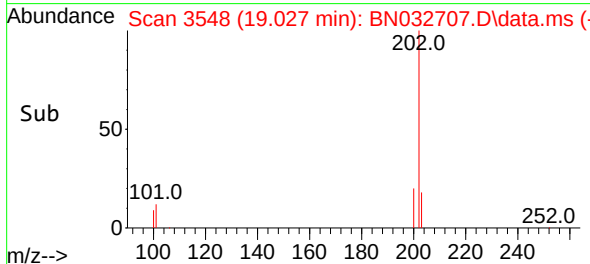
Instrument :
BNA_N
ClientSampleId :
A4CZ2MSD



Tgt Ion:202 Resp: 109700
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 8.9 7.9 11.9

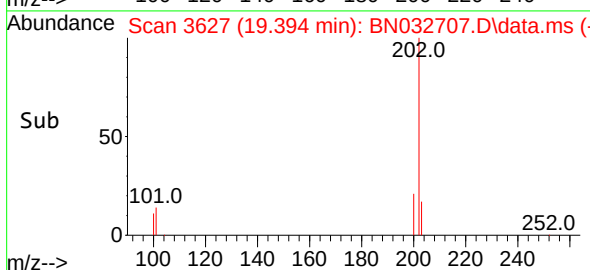
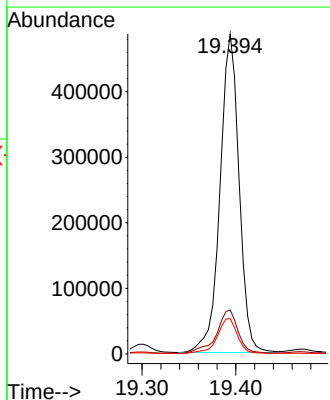
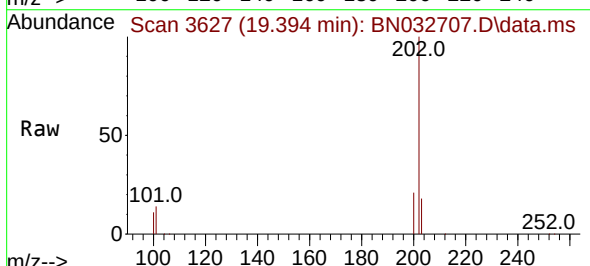
Manual Integrations
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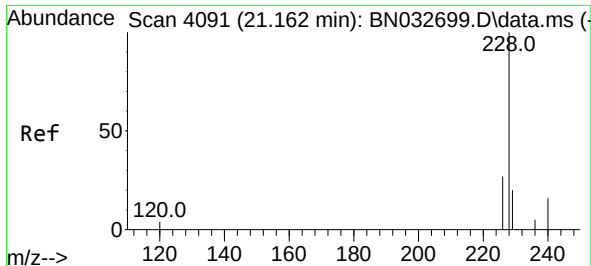
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 9.060 ng/u1
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

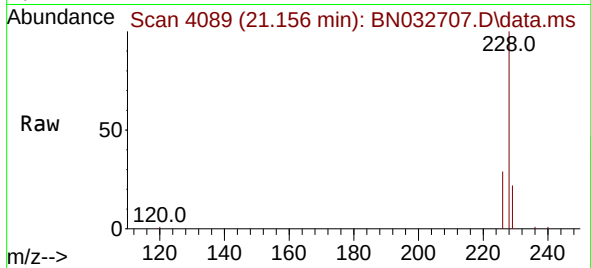
Tgt Ion:202 Resp: 685176
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 11.0 9.6 14.4





#21
Benzo(a)anthracene
Concen: 10.587 ng/u1
RT: 21.156 min Scan# 4091
Delta R.T. -0.026 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

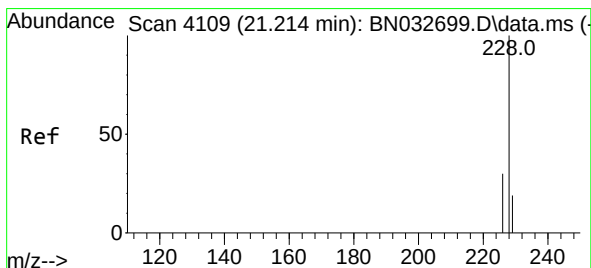
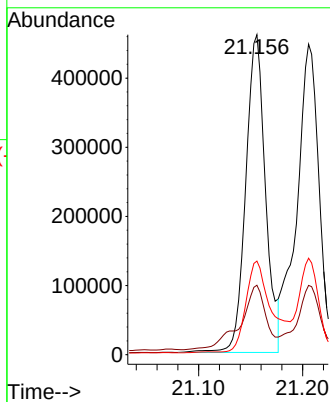
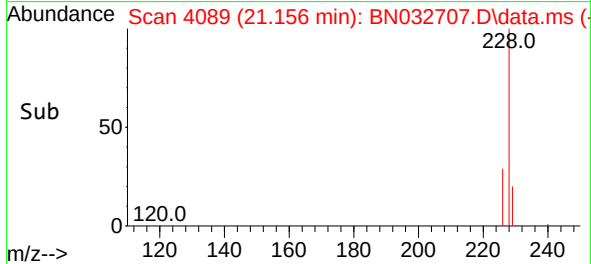
Instrument :
BNA_N
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A4CZ2MSD



Tgt Ion:228 Resp: 605630
Ion Ratio Lower Upper
228 100
229 21.7 16.1 24.1
226 29.2 21.9 32.9

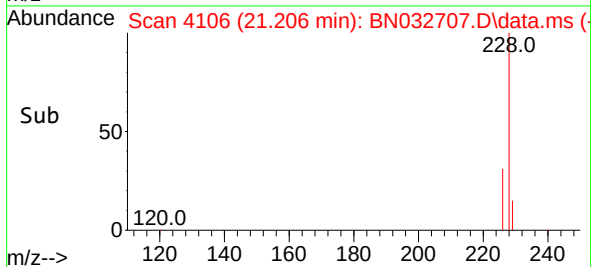
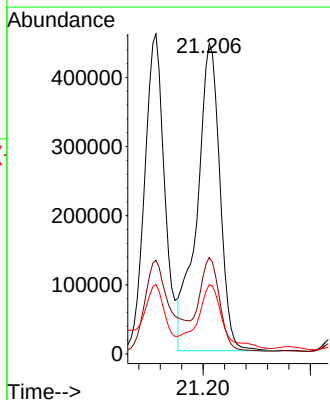
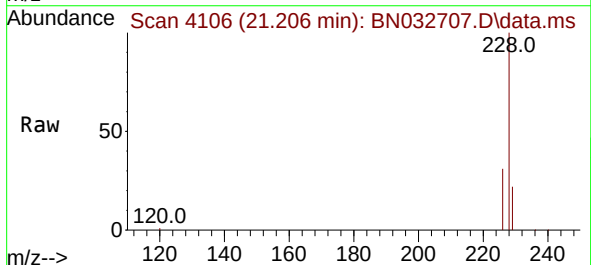
Manual Integrations
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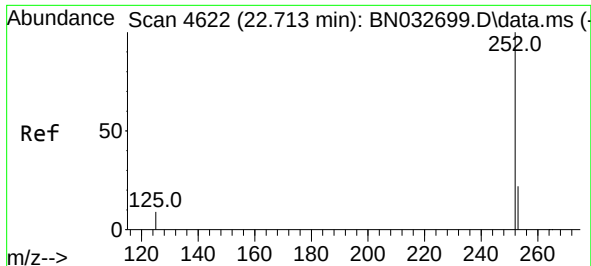
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 7.964 ng/u1
RT: 21.206 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

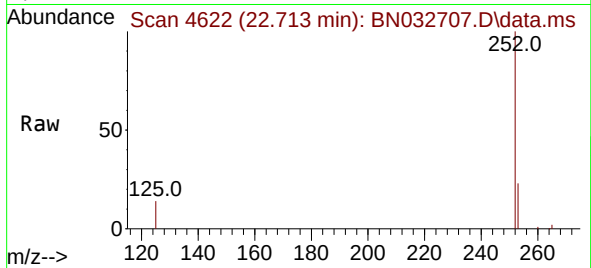
Tgt Ion:228 Resp: 659038
Ion Ratio Lower Upper
228 100
226 31.0 24.0 36.0
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 10.552 ng/ul m
RT: 22.713 min Scan# 4622
Delta R.T. -0.020 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

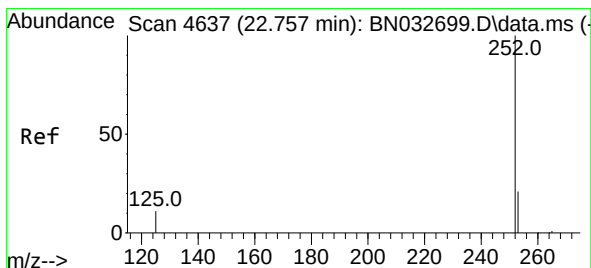
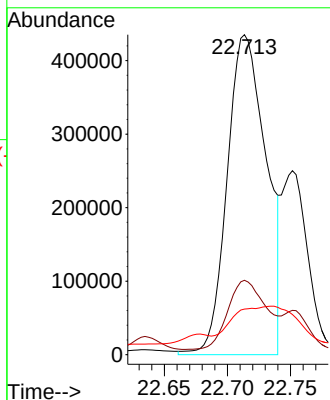
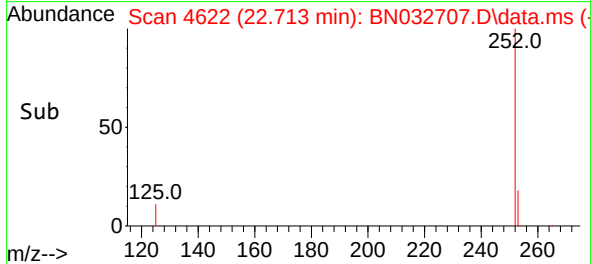
Instrument :
BNA_N
ClientSampleId :
A4CZ2MSD



Tgt Ion:252 Resp: 936854
Ion Ratio Lower Upper
252 100
253 23.2 0.0 54.0
125 14.2 0.0 36.0

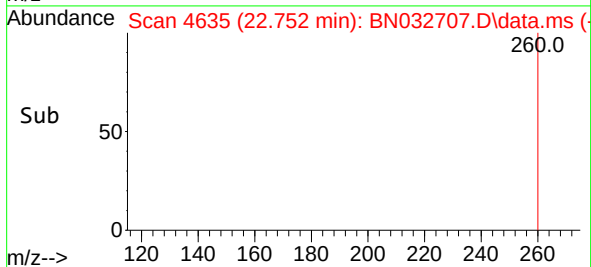
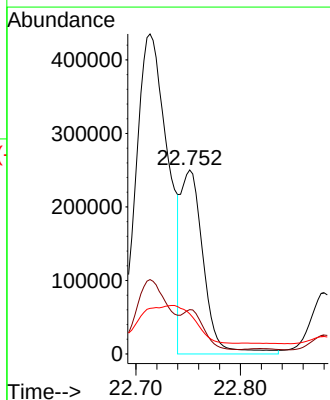
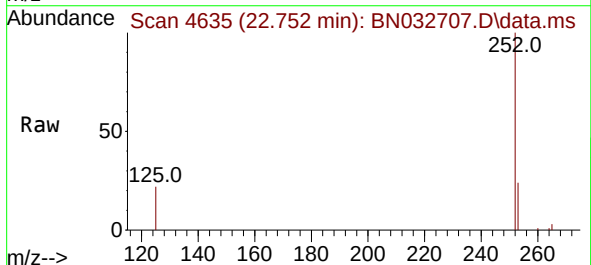
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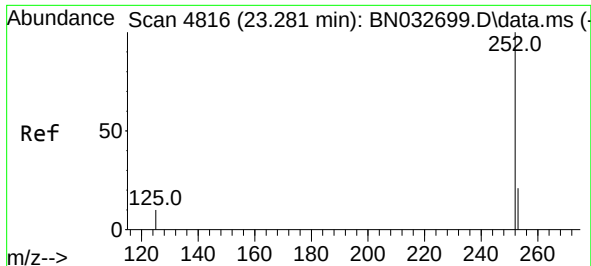
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 3.485 ng/ul m
RT: 22.752 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

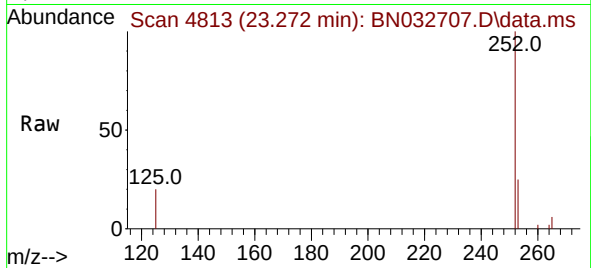
Tgt Ion:252 Resp: 377011
Ion Ratio Lower Upper
252 100
253 24.1 21.2 31.8
125 21.9 14.8 22.2





#26
Benzo(a)pyrene
Concen: 3.293 ng/ul
RT: 23.272 min Scan# 4816
Delta R.T. -0.038 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

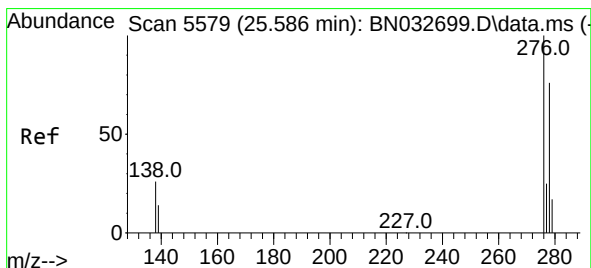
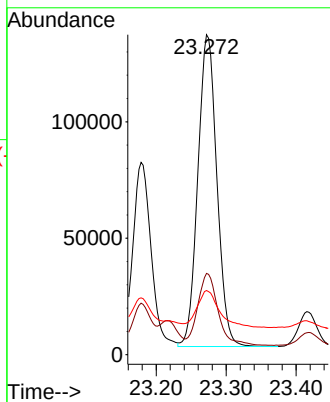
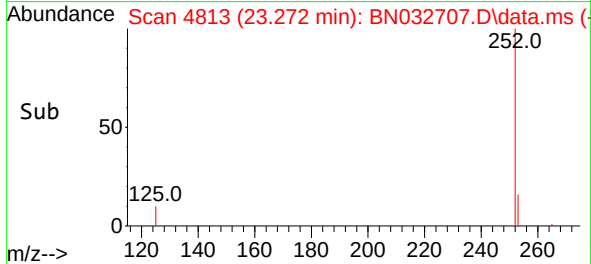
Instrument :
BNA_N
ClientSampleId :
A4CZ2MSD



Tgt Ion:252 Resp: 253011
Ion Ratio Lower Upper
252 100
253 25.4 25.4 38.0
125 20.1 20.6 30.8

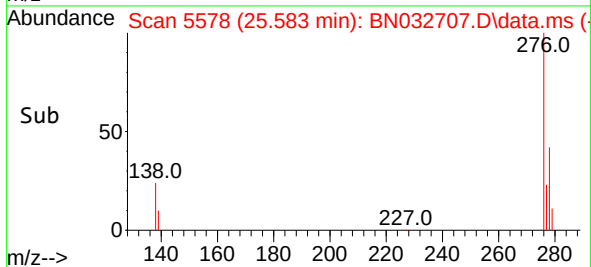
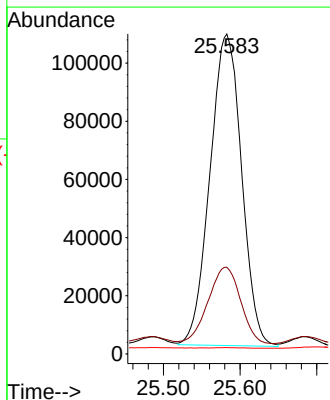
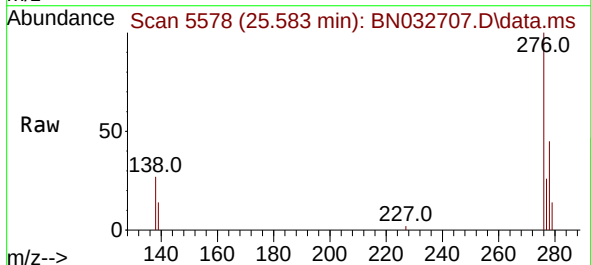
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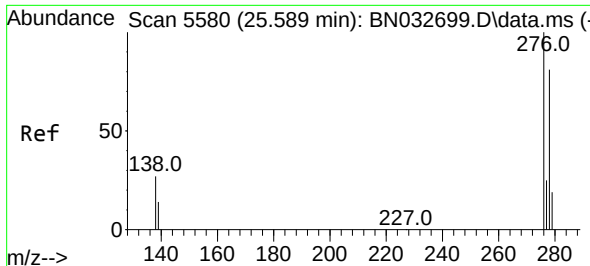
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.952 ng/ul
RT: 25.583 min Scan# 5578
Delta R.T. -0.044 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

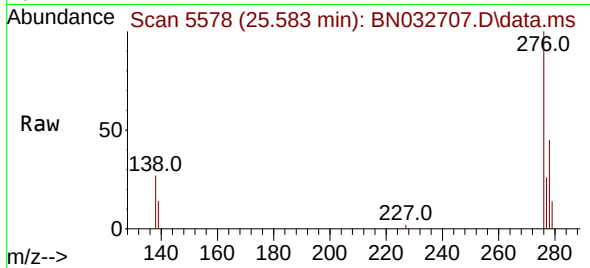
Tgt Ion:276 Resp: 307120
Ion Ratio Lower Upper
276 100
138 25.3 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 2.010 ng/ul
RT: 25.583 min Scan# 5580
Delta R.T. -0.057 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18

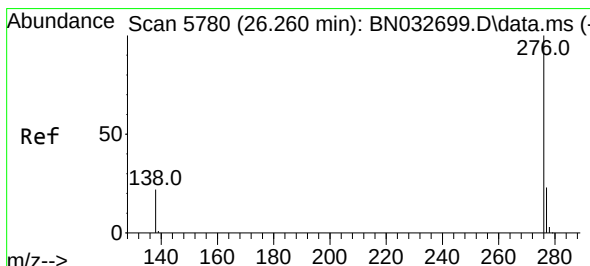
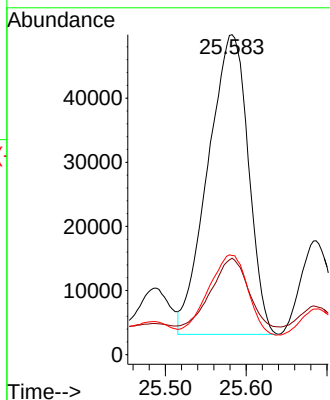
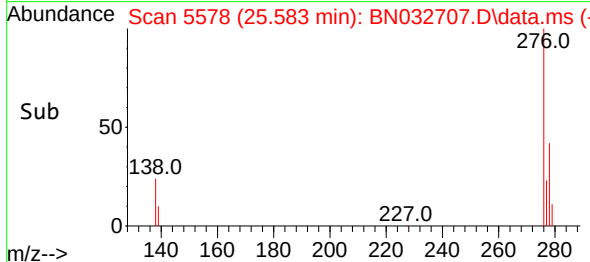
Instrument :
BNA_N
ClientSampleId :
A4CZ2MSD



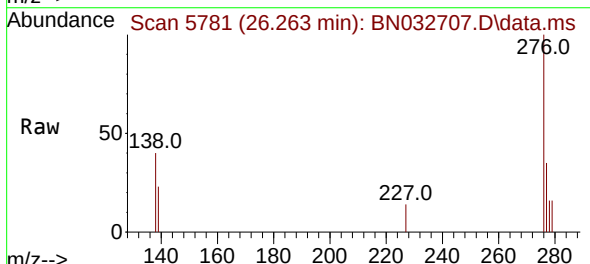
Tgt Ion:278 Resp: 162070
Ion Ratio Lower Upper
278 100
139 30.1 16.6 24.8#
279 31.0 23.7 35.5

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Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.488 ng/ul
RT: 26.263 min Scan# 5781
Delta R.T. -0.037 min
Lab File: BN032707.D
Acq: 13 Jul 2024 13:18



Tgt Ion:276 Resp: 42440
Ion Ratio Lower Upper
276 100
138 39.5 21.0 31.4#
277 35.3 20.6 31.0#

