

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035170.D
 Acq On : 19 Nov 2024 20:04
 Operator : RC/JU
 Sample : P4817-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHK71MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 19 22:49:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 18 00:44:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.541	152	3631	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	8703	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.185	164	5906	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	12453	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	10002	0.400	ng/ul	0.00
23) Perylene-d12	23.320	264	10799	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	1012	0.305	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	3074	0.241	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	8032	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	2889	0.802	ng/ul	96
5) Naphthalene	10.355	128	4416	0.201	ng/ul	99
7) 2-Methylnaphthalene	11.978	142	3253	0.214	ng/ul	99
8) 1-Methylnaphthalene	12.203	142	3293	0.215	ng/ul	100
10) Acenaphthylene	13.898	152	5158	0.220	ng/ul	98
11) Acenaphthene	14.245	153	4063	0.227	ng/ul	99
12) Fluorene	15.240	166	4908	0.233	ng/ul	100
14) Pentachlorophenol	16.595	266	170	0.059	ng/ul	97
15) Phenanthrene	16.979	178	8415	0.256	ng/ul	100
16) Anthracene	17.072	178	7404	0.242	ng/ul	100
19) Fluoranthene	19.009	202	9733	0.279	ng/ul	99
20) Pyrene	19.372	202	10180	0.281	ng/ul	99
21) Benzo(a)anthracene	21.131	228	9263	0.267	ng/ul	100
22) Chrysene	21.183	228	9461	0.271	ng/ul	99
24) Benzo(b)fluoranthene	22.674	252	9566	0.268	ng/ul	96
25) Benzo(k)fluoranthene	22.714	252	9880m	0.268	ng/ul	
26) Benzo(a)pyrene	23.223	252	8717	0.267	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.473	276	11955	0.271	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.490	278	9286	0.269	ng/ul	99
29) Benzo(g,h,i)perylene	26.131	276	9454	0.272	ng/ul	99

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

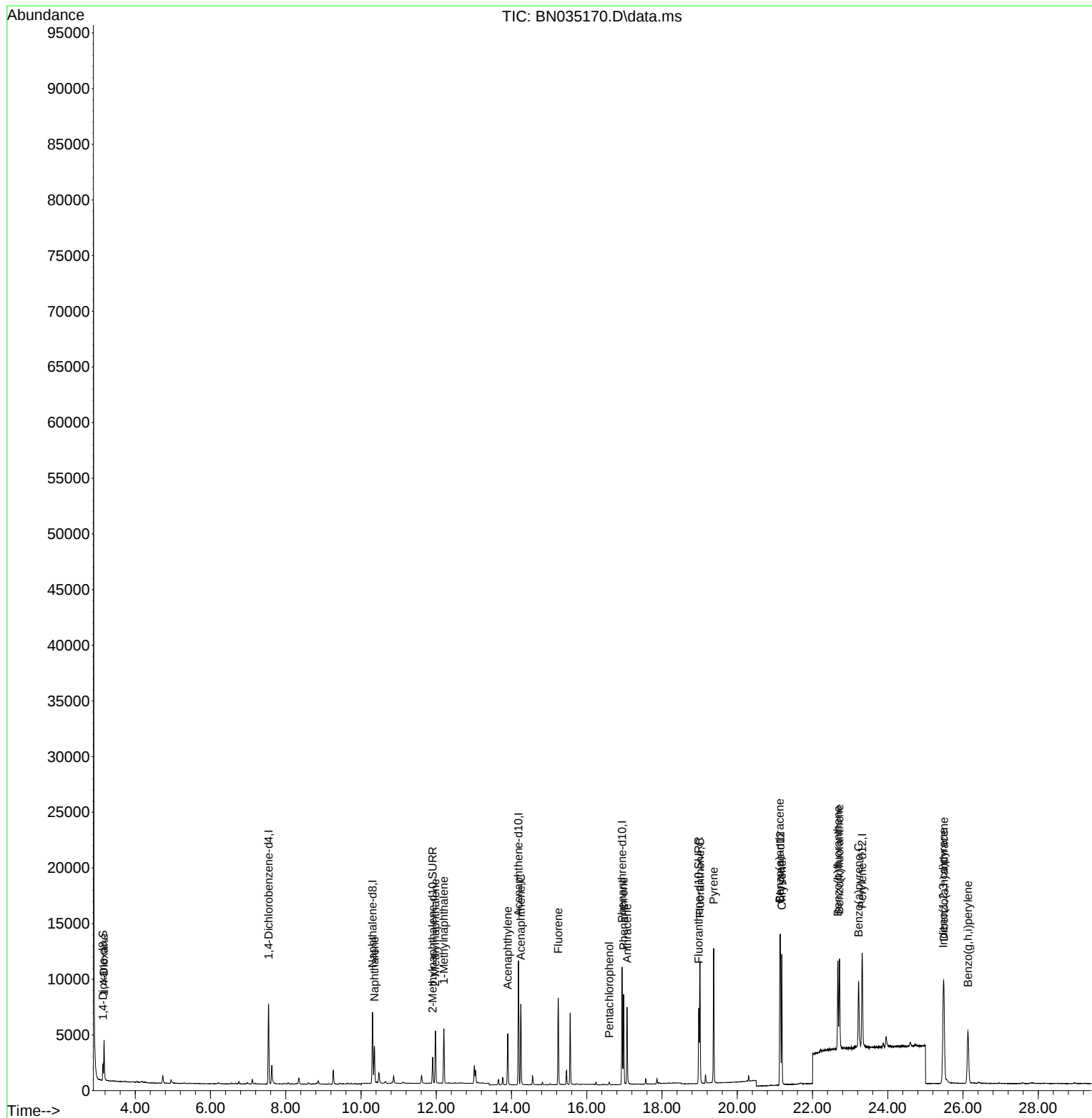
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
Data File : BN035170.D
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ALS Vial : 14 Sample Multiplier: 1

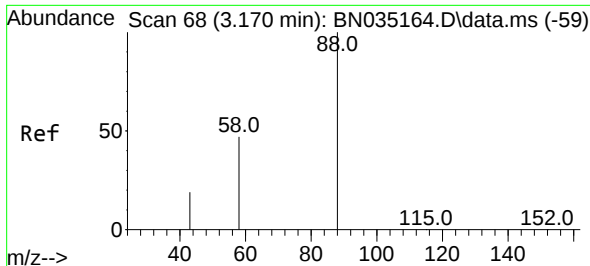
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 18 00:44:37 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.802 ng/ul
RT: 3.170 min Scan# 68
Delta R.T. -0.004 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

Instrument :

BNA_N

ClientSampleId :

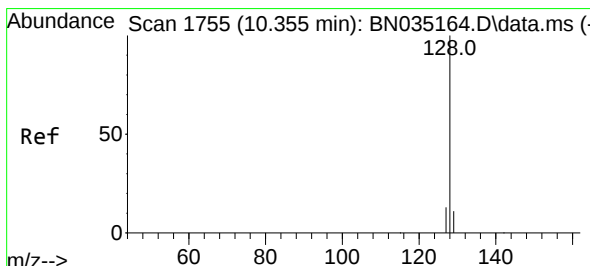
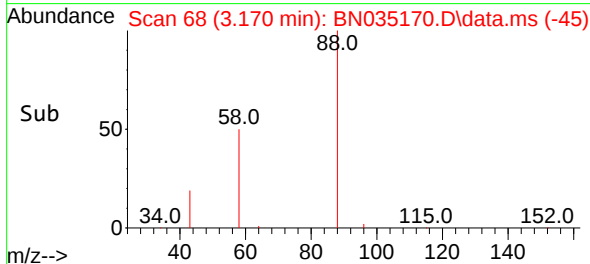
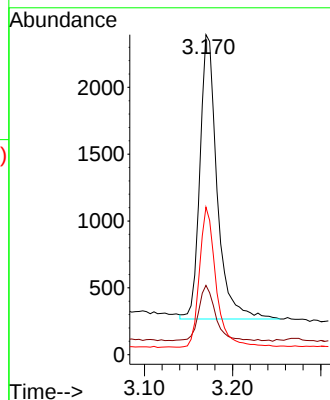
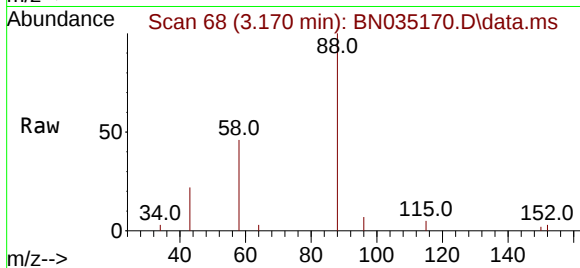
BHK71MSD

Tgt Ion: 88 Resp: 2889
Ion Ratio Lower Upper
88 100
43 21.6 20.6 31.0
58 46.1 36.2 54.4

Manual Integrations

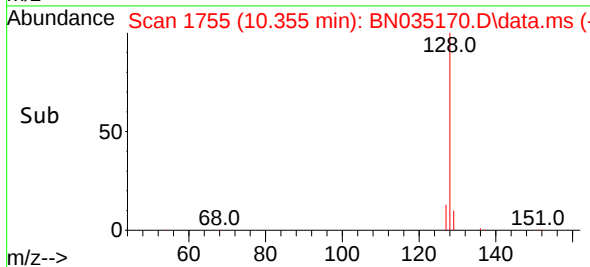
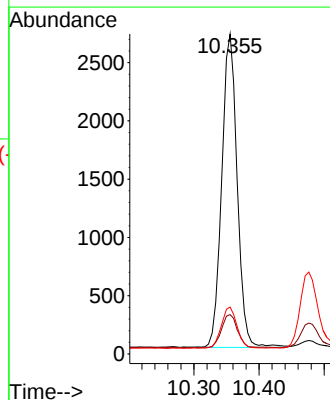
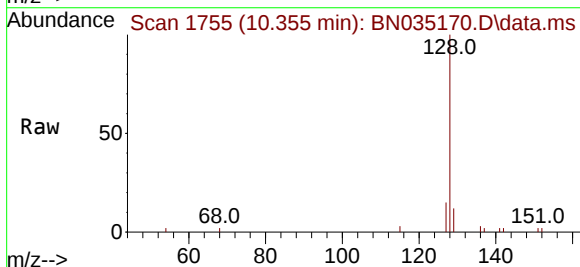
APPROVED

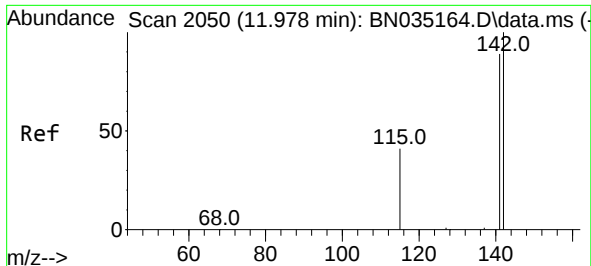
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#5
Naphthalene
Concen: 0.201 ng/ul
RT: 10.355 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

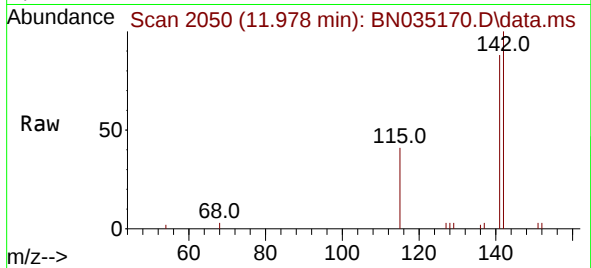
Tgt Ion:128 Resp: 4416
Ion Ratio Lower Upper
128 100
129 12.3 9.9 14.9
127 14.7 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.214 ng/ul
RT: 11.978 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

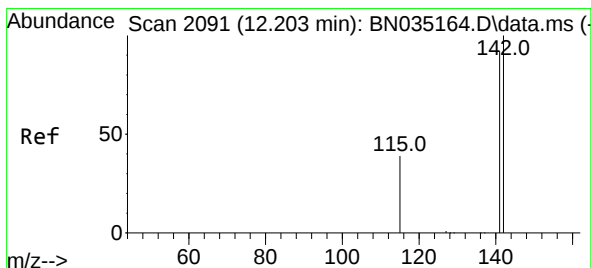
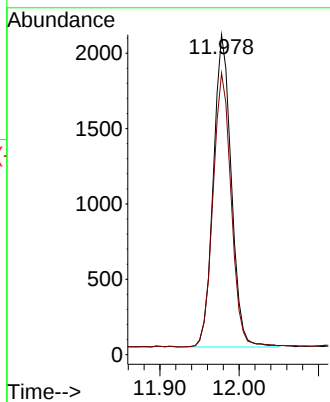
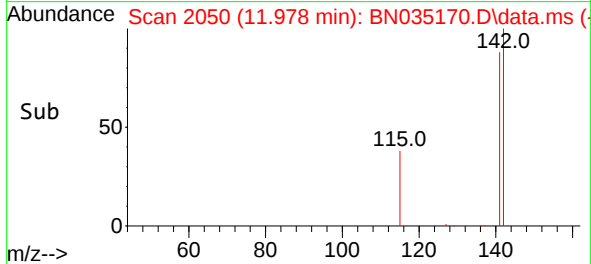
Instrument :
BNA_N
ClientSampleId :
BHK71MSD



Tgt Ion:142 Resp: 325
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6

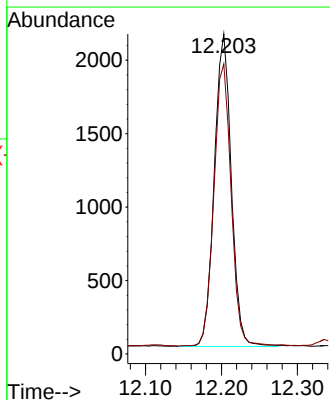
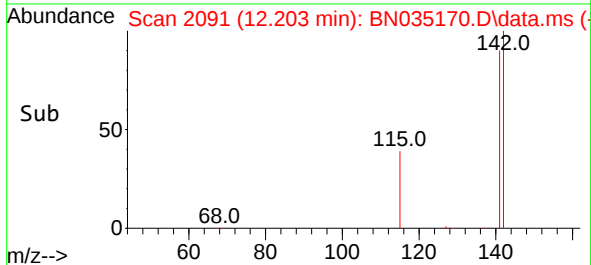
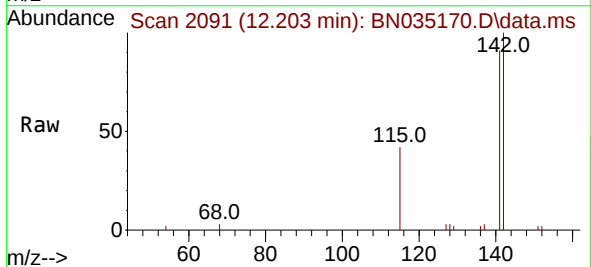
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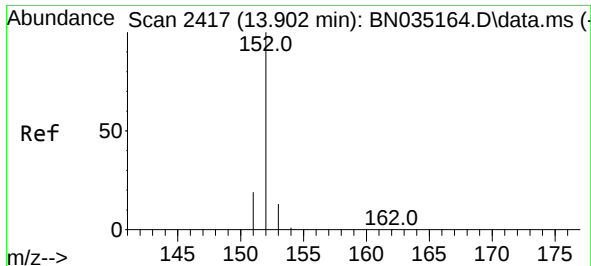
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#8
1-Methylnaphthalene
Concen: 0.215 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

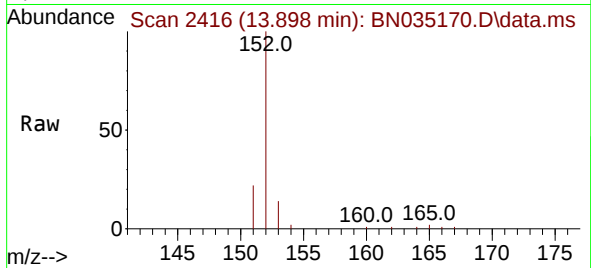
Tgt Ion:142 Resp: 3293
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7





#10
Acenaphthylene
Concen: 0.220 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

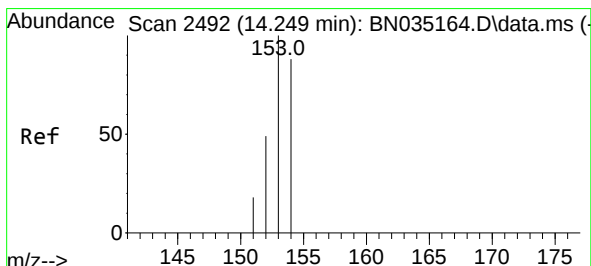
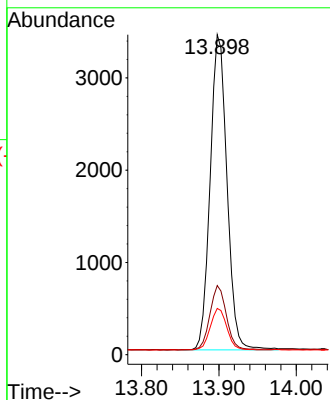
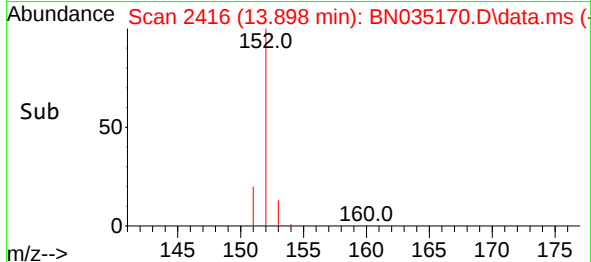
Instrument :
BNA_N
ClientSampleId :
BHK71MSD



Tgt Ion:152 Resp: 5158
Ion Ratio Lower Upper
152 100
151 21.6 16.4 24.6
153 14.5 11.1 16.7

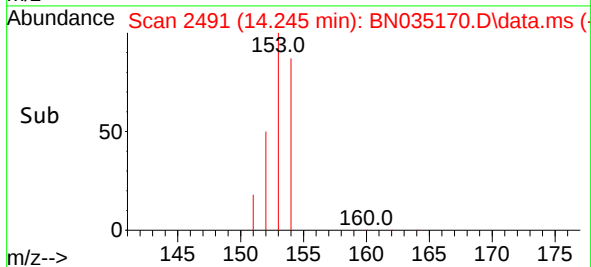
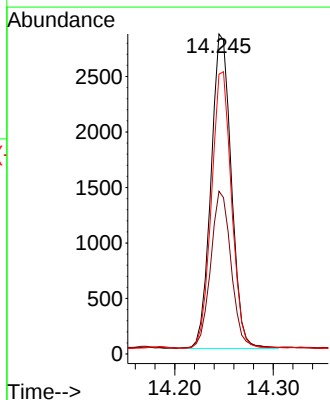
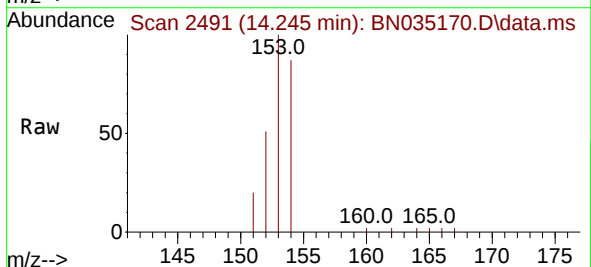
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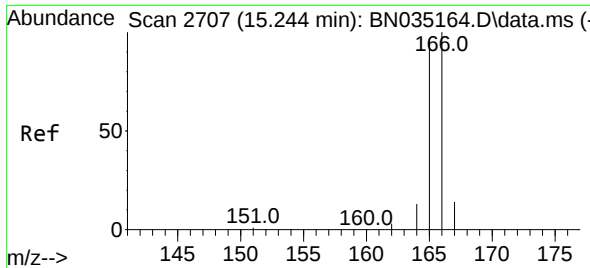
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#11
Acenaphthene
Concen: 0.227 ng/ul
RT: 14.245 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

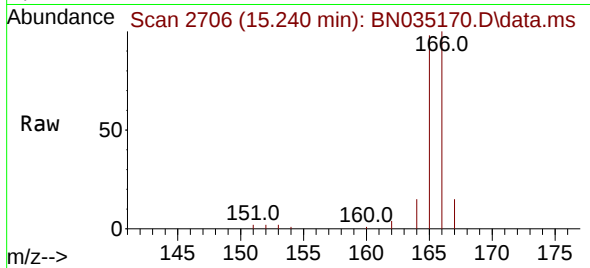
Tgt Ion:153 Resp: 4063
Ion Ratio Lower Upper
153 100
152 50.9 41.4 62.0
154 87.5 71.2 106.8





#12
Fluorene
Concen: 0.233 ng/ul
RT: 15.240 min Scan# 2707
Delta R.T. -0.005 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

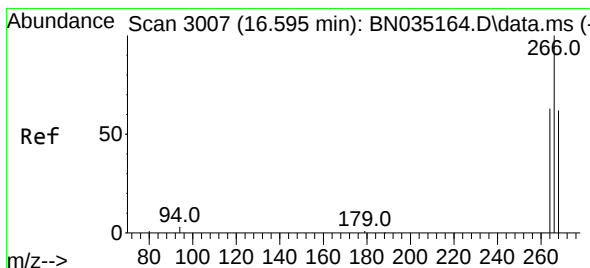
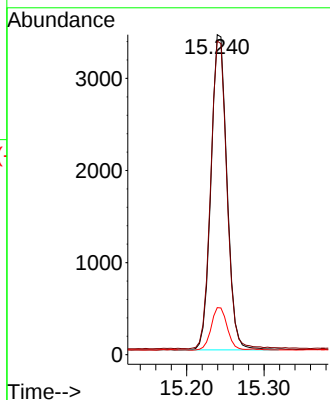
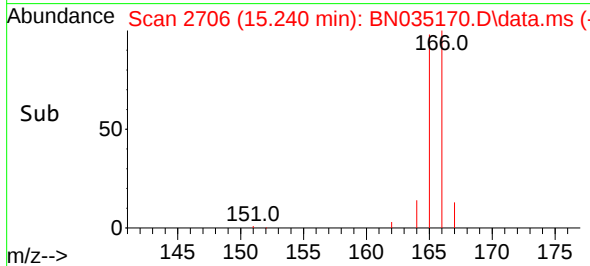
Instrument :
BNA_N
ClientSampleId :
BHK71MSD



Tgt Ion:166 Resp: 4908
Ion Ratio Lower Upper
166 100
165 98.0 78.6 118.0
167 14.7 11.8 17.6

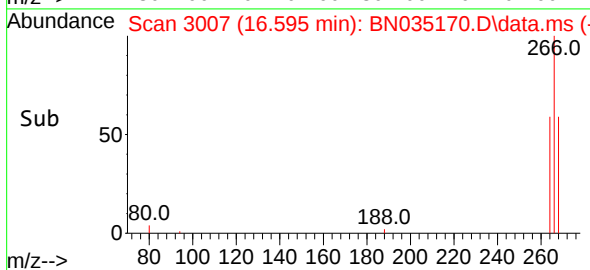
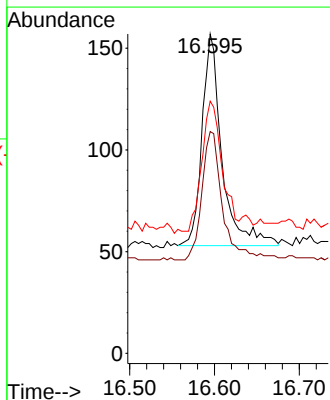
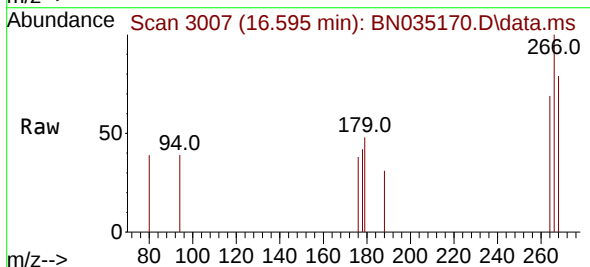
Manual Integrations
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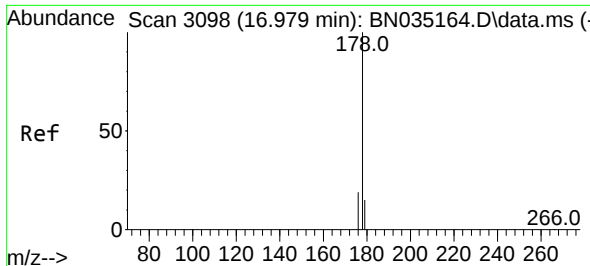
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#14
Pentachlorophenol
Concen: 0.059 ng/ul
RT: 16.595 min Scan# 3007
Delta R.T. -0.004 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

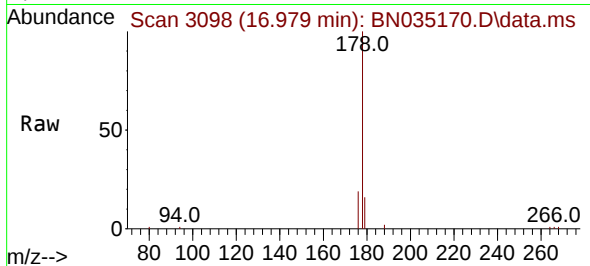
Tgt Ion:266 Resp: 170
Ion Ratio Lower Upper
266 100
264 62.4 51.8 77.6
268 61.8 51.3 76.9





#15
Phenanthrene
Concen: 0.256 ng/ul
RT: 16.979 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

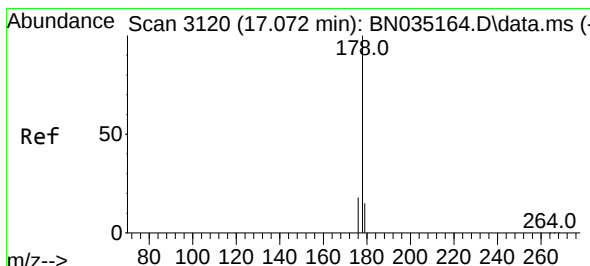
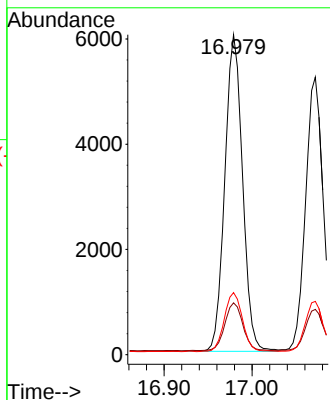
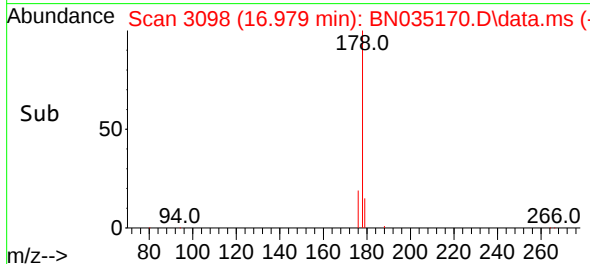
Instrument :
BNA_N
ClientSampleId :
BHK71MSD



Tgt Ion:178 Resp: 841
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.4 15.6 23.4

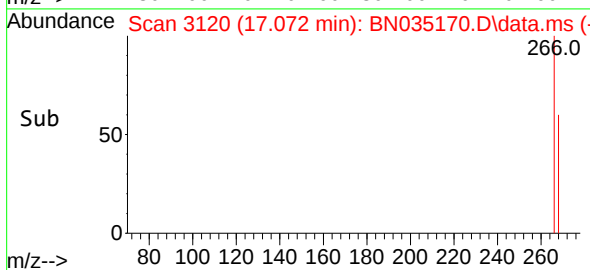
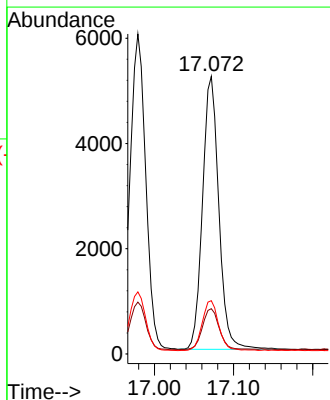
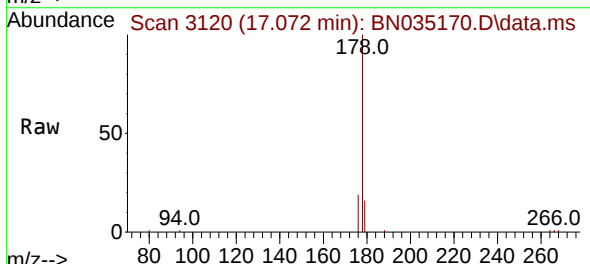
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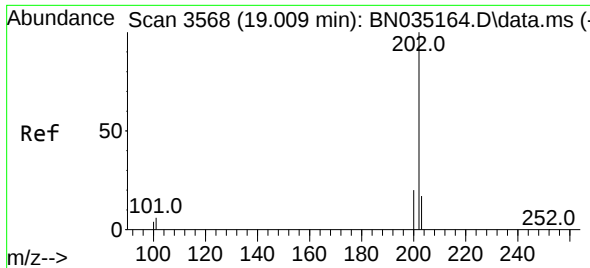
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#16
Anthracene
Concen: 0.242 ng/ul
RT: 17.072 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

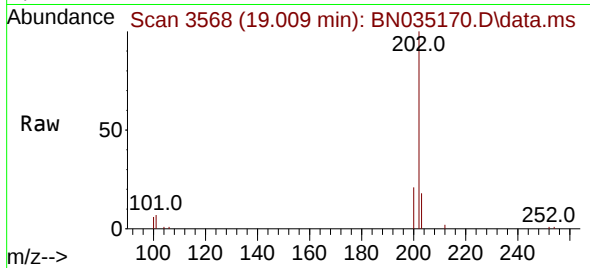
Tgt Ion:178 Resp: 7404
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.2 15.4 23.2





#19
Fluoranthene
Concen: 0.279 ng/ul
RT: 19.009 min Scan# 3568
Delta R.T. -0.000 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

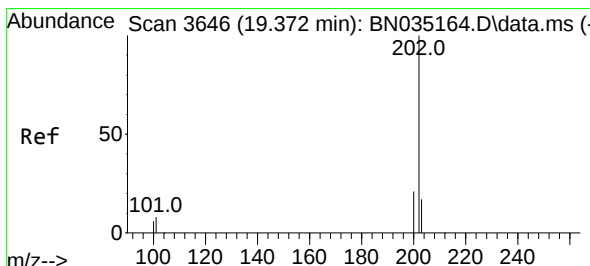
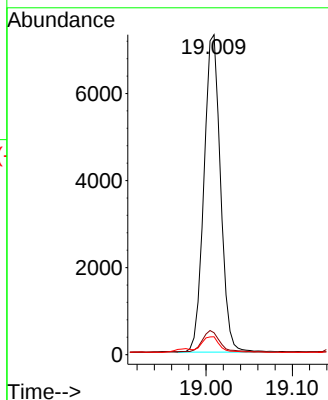
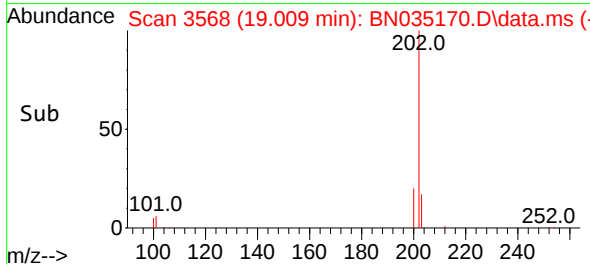
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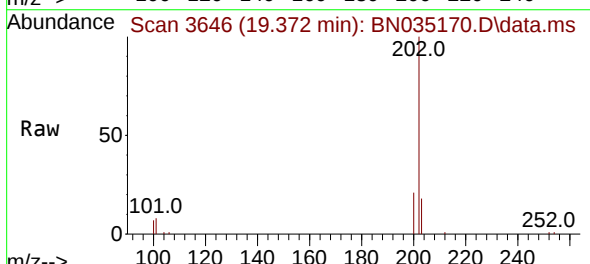
Tgt Ion:202 Resp: 973
Ion Ratio Lower Upper
202 100
101 6.9 5.8 8.6
100 5.6 4.5 6.7

Manual Integrations
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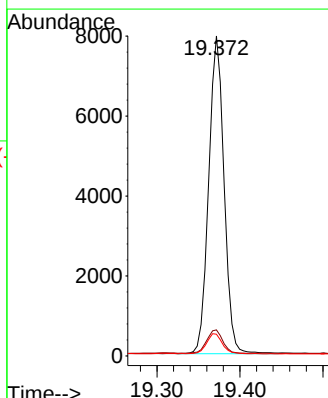
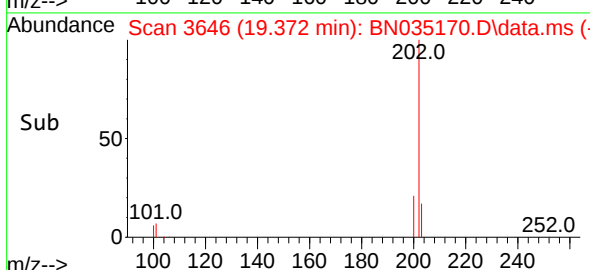
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024

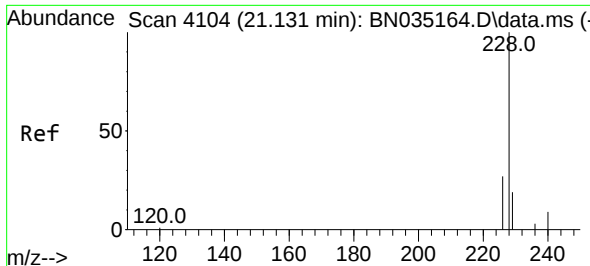


#20
Pyrene
Concen: 0.281 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04



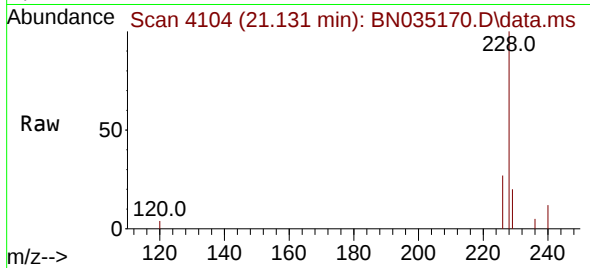
Tgt Ion:202 Resp: 10180
Ion Ratio Lower Upper
202 100
101 8.1 6.2 9.4
100 6.8 5.1 7.7





#21
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.131 min Scan# 4104
Delta R.T. -0.009 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

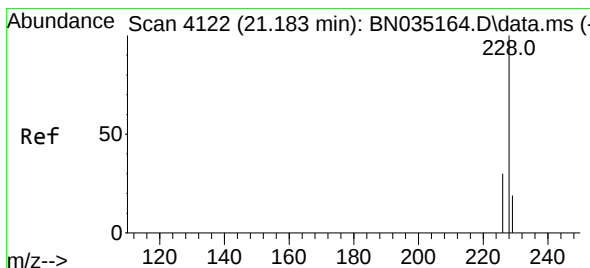
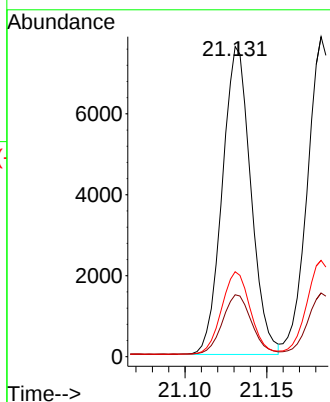
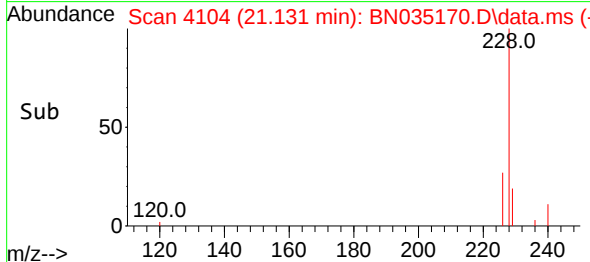
Instrument :
BNA_N
ClientSampleId :
BHK71MSD



Tgt Ion:228 Resp: 9261
Ion Ratio Lower Upper
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229 20.0 15.8 23.8
226 27.4 21.8 32.8

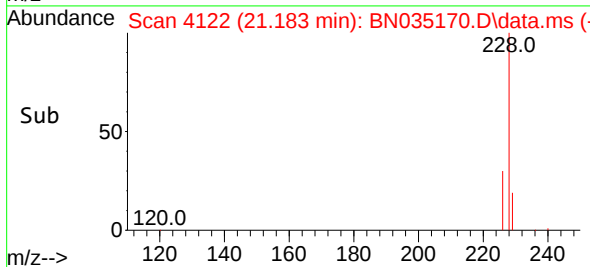
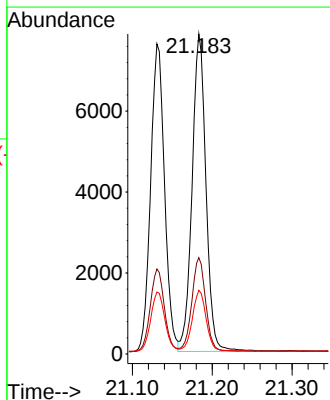
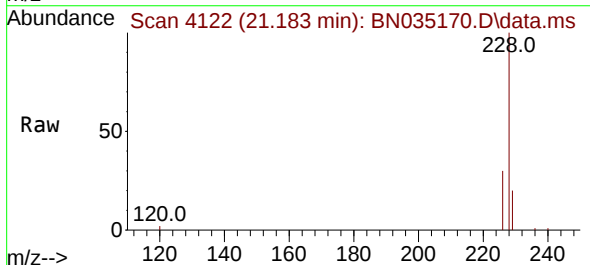
Manual Integrations
APPROVED

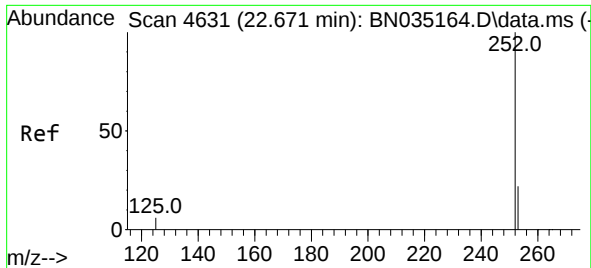
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#22
Chrysene
Concen: 0.271 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. -0.006 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

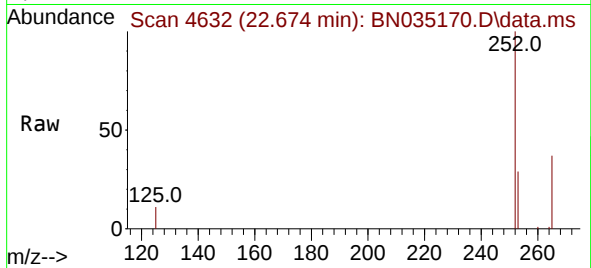
Tgt Ion:228 Resp: 9461
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 19.9 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.268 ng/ul
RT: 22.674 min Scan# 4631
Delta R.T. -0.009 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

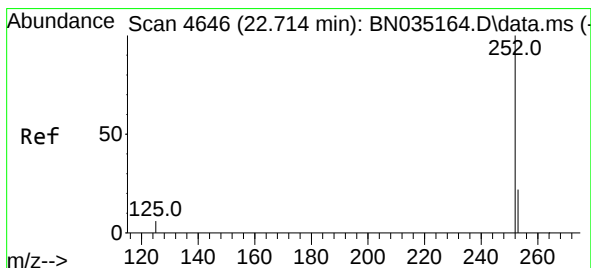
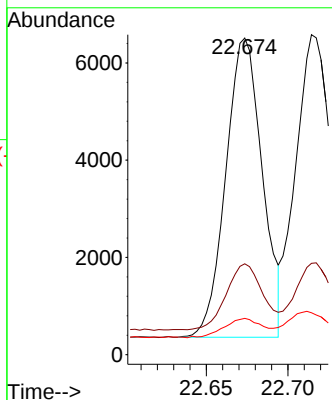
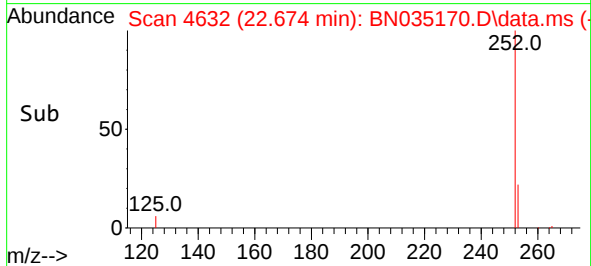
Instrument :
BNA_N
ClientSampleId :
BHK71MSD



Tgt Ion:252 Resp: 9560
Ion Ratio Lower Upper
252 100
253 28.7 0.0 54.0
125 11.5 0.0 19.4

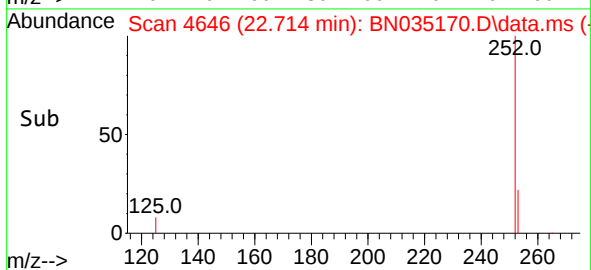
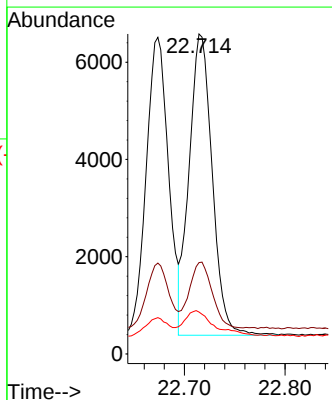
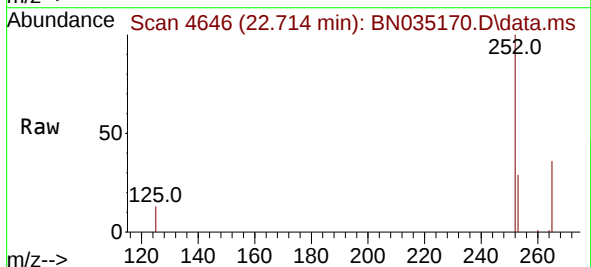
Manual Integrations
APPROVED

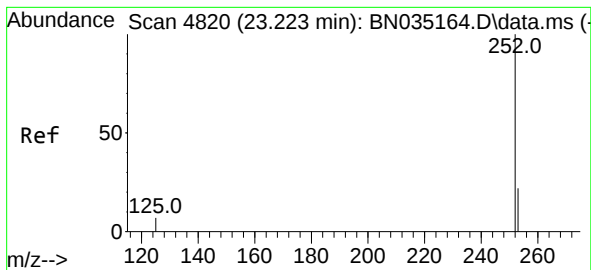
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#25
Benzo(k)fluoranthene
Concen: 0.268 ng/ul m
RT: 22.714 min Scan# 4646
Delta R.T. -0.009 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

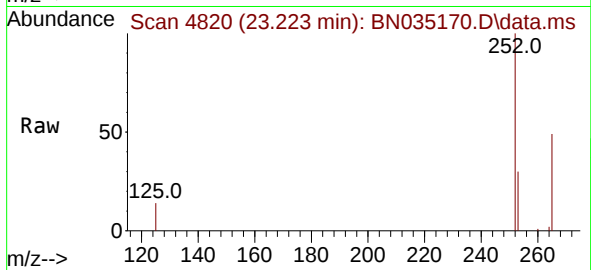
Tgt Ion:252 Resp: 9880
Ion Ratio Lower Upper
252 100
253 28.6 21.8 32.6
125 13.1 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.267 ng/ul
RT: 23.223 min Scan# 4820
Delta R.T. -0.009 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

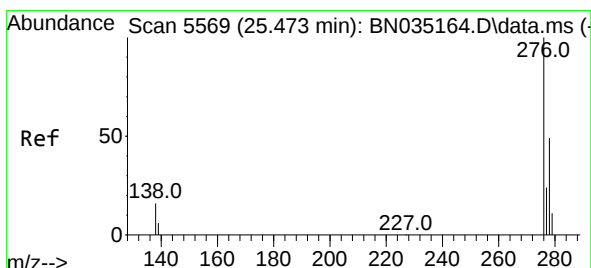
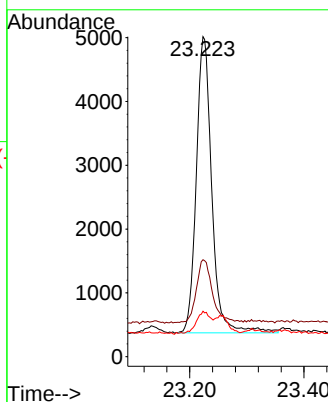
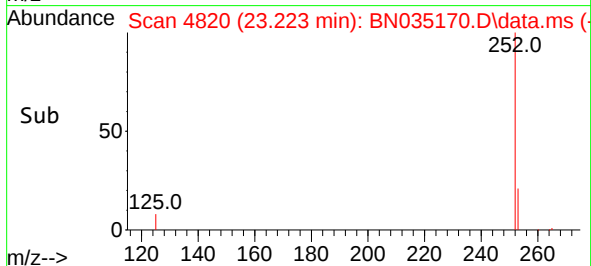
Instrument :
BNA_N
ClientSampleId :
BHK71MSD



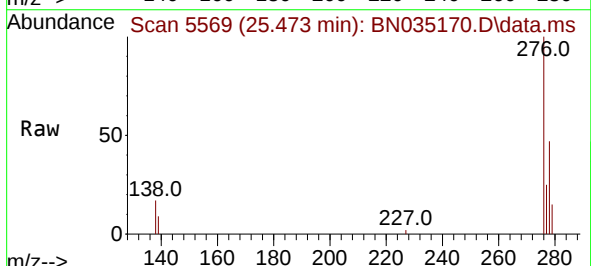
Tgt Ion:252 Resp: 871
Ion Ratio Lower Upper
252 100
253 30.3 22.9 34.3
125 14.2 9.4 14.2

Manual Integrations
APPROVED

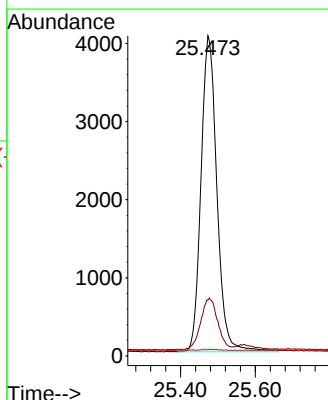
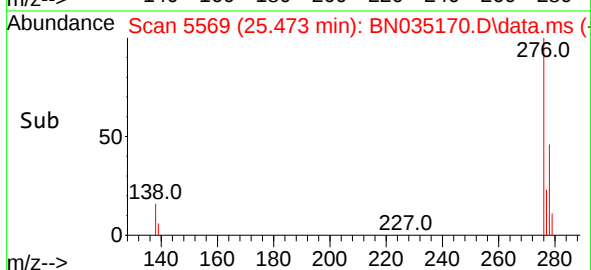
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024

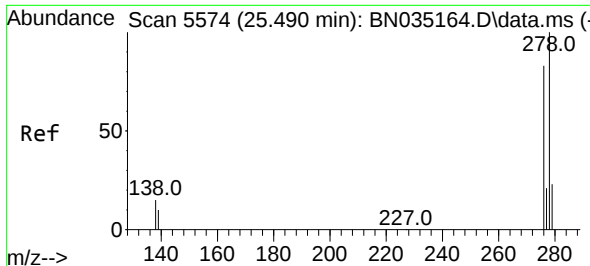


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.271 ng/ul
RT: 25.473 min Scan# 5569
Delta R.T. -0.014 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04



Tgt Ion:276 Resp: 11955
Ion Ratio Lower Upper
276 100
138 17.3 13.8 20.8
227 0.0 0.2 0.4





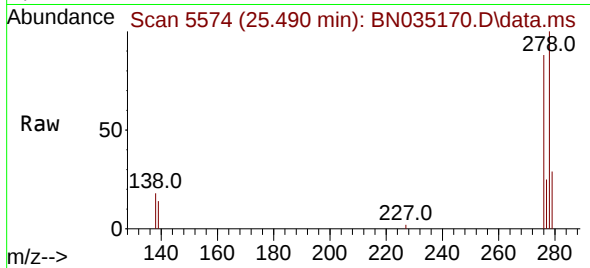
#28
Dibenzo(a,h)anthracene
Concen: 0.269 ng/ul
RT: 25.490 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04

Instrument :

BNA_N

ClientSampleId :

BHK71MSD



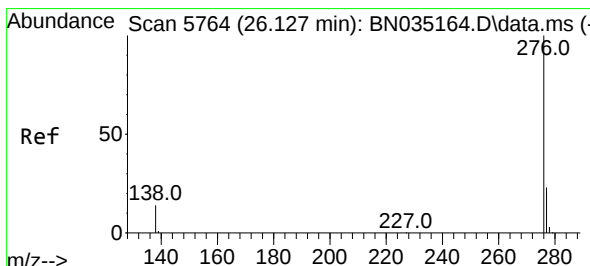
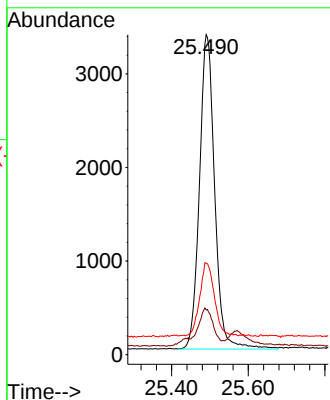
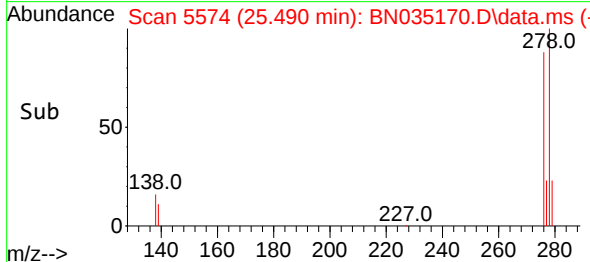
Tgt Ion:278 Resp: 9280
Ion Ratio Lower Upper
278 100
139 14.0 10.7 16.1
279 28.6 22.8 34.2

Manual Integrations

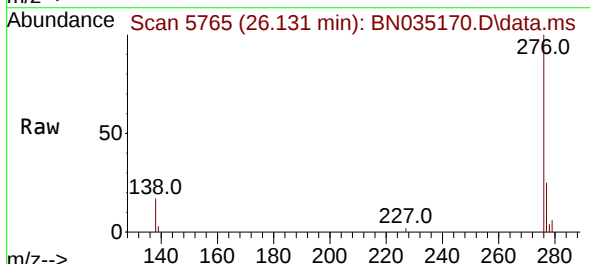
APPROVED

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :mohammad ahmed 11/22/2024



#29
Benzo(g,h,i)perylene
Concen: 0.272 ng/ul
RT: 26.131 min Scan# 5765
Delta R.T. -0.010 min
Lab File: BN035170.D
Acq: 19 Nov 2024 20:04



Tgt Ion:276 Resp: 9454
Ion Ratio Lower Upper
276 100
138 17.0 13.0 19.6
277 25.0 20.5 30.7

