

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032714.D
 Acq On : 13 Jul 2024 17:33
 Operator : MA/JU
 Sample : P3087-06DL 5X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 08:58:20 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	7.548	152	5729	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	16367	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.198	164	8336	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	15796	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	14994	0.400	ng/ul	-0.02
23) Perylene-d12	23.365	264	18229	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	5491	0.798	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	1180	0.048	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	2346	0.048	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.371	128	1804	0.041	ng/ul#	83
7) 2-Methylnaphthalene	12.010	142	582	0.021	ng/ul	99
10) Acenaphthylene	13.920	152	4613	0.137	ng/ul	95
11) Acenaphthene	14.262	153	2830	0.102	ng/ul	99
12) Fluorene	15.257	166	3463	0.109	ng/ul	98
15) Phenanthrene	16.995	178	91042	2.116	ng/ul	99
16) Anthracene	17.092	178	16539	0.471	ng/ul	98
19) Fluoranthene	19.027	202	234228	3.842	ng/ul	98
20) Pyrene	19.394	202	160181	2.538	ng/ul	97
21) Benzo(a)anthracene	21.153	228	96100	2.013	ng/ul	98
22) Chrysene	21.206	228	114089	1.652	ng/ul	98
24) Benzo(b)fluoranthene	22.708	252	154945m	2.409	ng/ul	
25) Benzo(k)fluoranthene	22.748	252	60429m	0.771	ng/ul	
26) Benzo(a)pyrene	23.272	252	55160	0.991	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.576	276	54059	0.717	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.576	278	18020	0.308	ng/ul#	86
29) Benzo(g,h,i)perylene	26.257	276	8199	0.130	ng/ul#	73

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

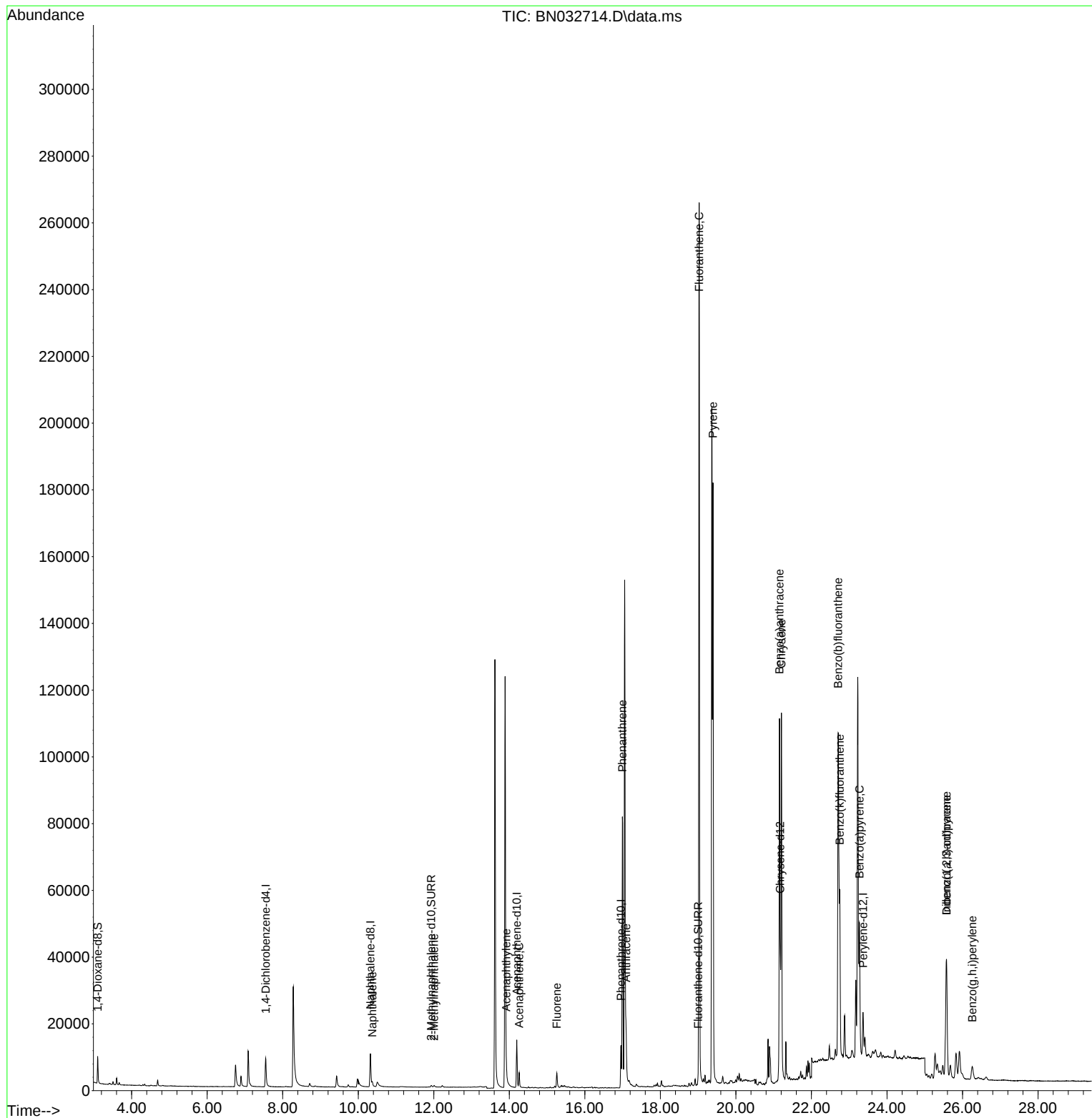
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032714.D
Acq On : 13 Jul 2024 17:33
Operator : MA/JU
Sample : P3087-06DL 5X
Misc :
ALS Vial : 55 Sample Multiplier: 1

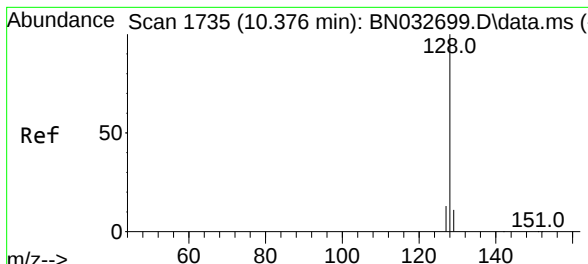
Instrument :
BNA_N
ClientSampleId :
A4CB1DL

Manual Integrations
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Supervised By :mohammad ahmed 07/16/2024

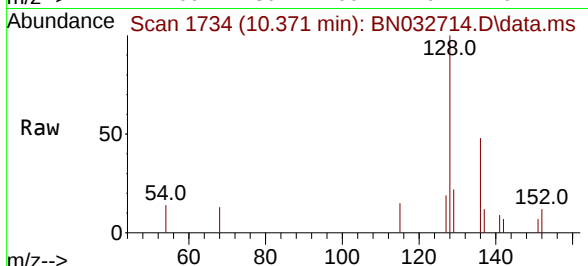
Quant Time: Jul 15 08:58:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.371 min Scan# 1734
Delta R.T. -0.039 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

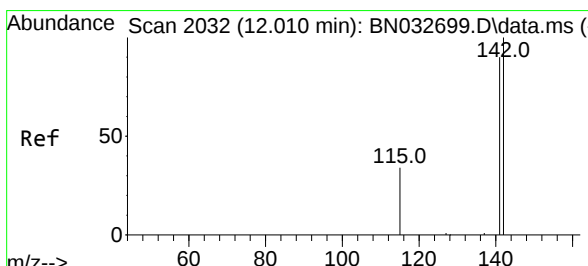
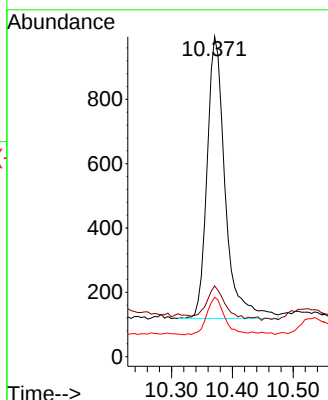
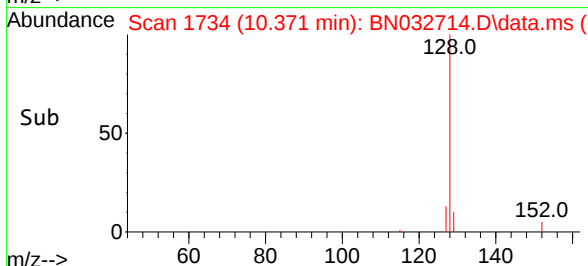
Instrument :
BNA_N
ClientSampleId :
A4CB1DL



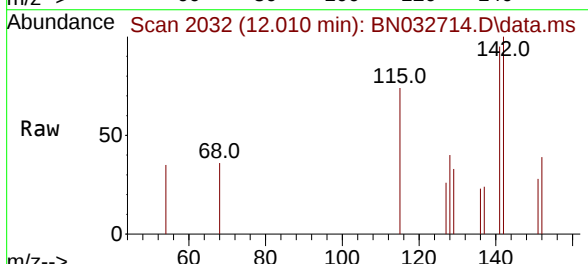
Tgt Ion:128 Resp: 1804
Ion Ratio Lower Upper
128 100
129 22.1 10.0 15.0
127 18.6 11.6 17.4

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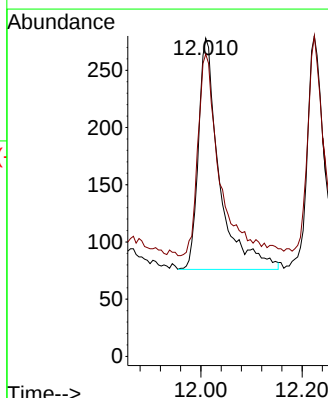
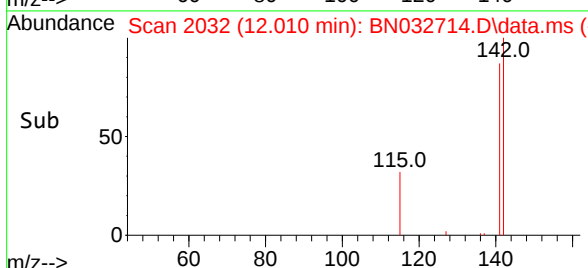
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

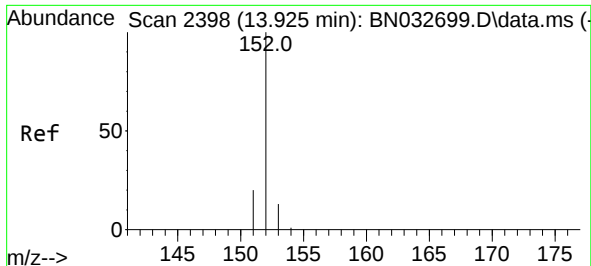


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.010 min Scan# 2032
Delta R.T. -0.038 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33



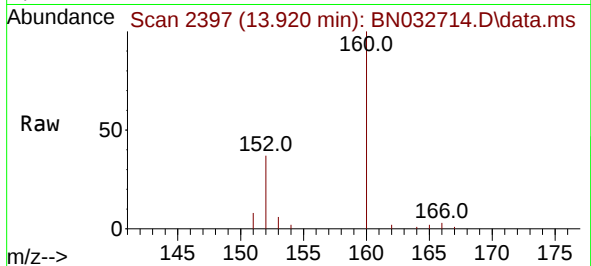
Tgt Ion:142 Resp: 582
Ion Ratio Lower Upper
142 100
141 91.2 74.0 111.0





#10
Acenaphthylene
Concen: 0.137 ng/ul
RT: 13.920 min Scan# 21
Delta R.T. -0.023 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

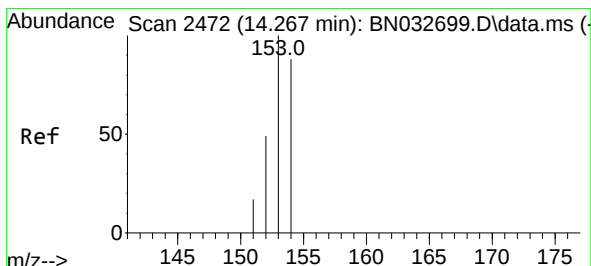
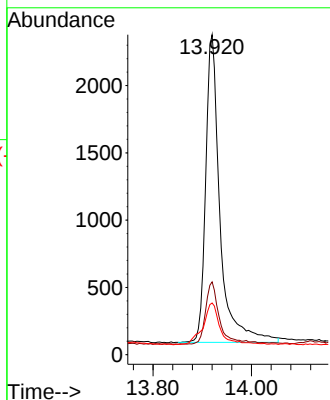
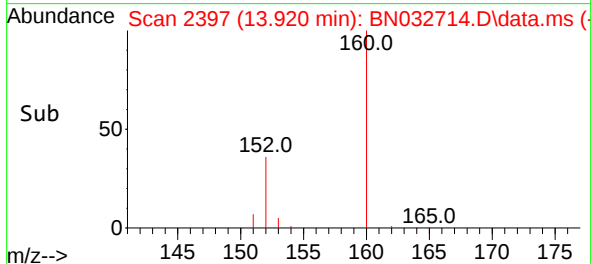
Instrument :
BNA_N
ClientSampleId :
A4CB1DL



Tgt Ion:152 Resp: 461
Ion Ratio Lower Upper
152 100
151 22.8 16.3 24.5
153 16.1 11.3 16.9

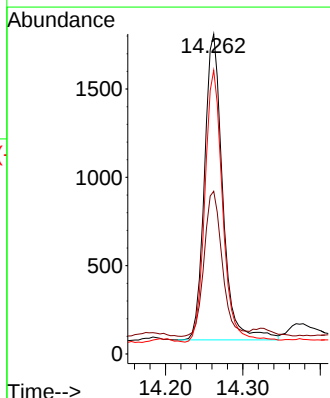
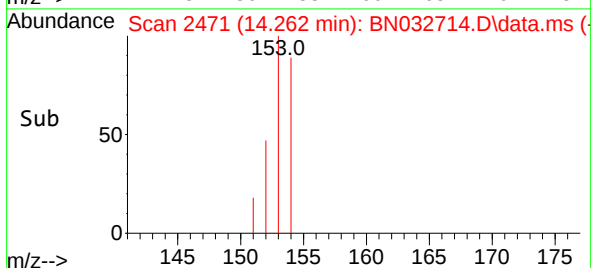
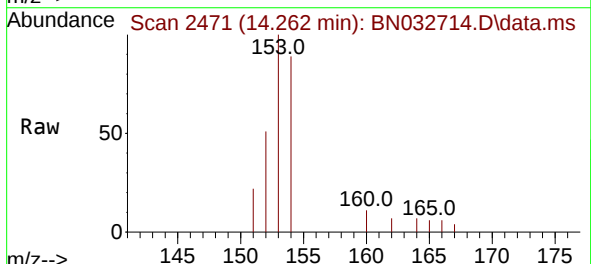
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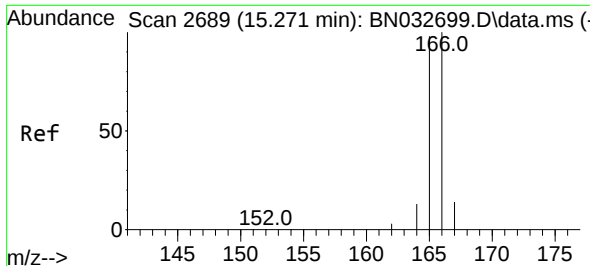
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.019 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

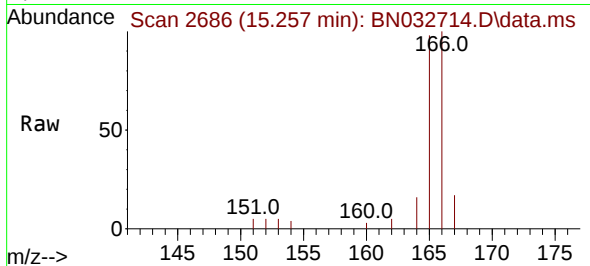
Tgt Ion:153 Resp: 2830
Ion Ratio Lower Upper
153 100
152 50.9 40.0 60.0
154 88.6 70.2 105.4





#12
Fluorene
Concen: 0.109 ng/u1
RT: 15.257 min Scan# 2068
Delta R.T. -0.032 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

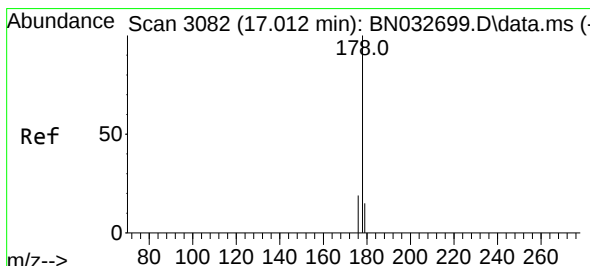
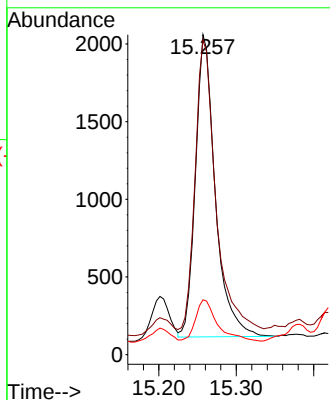
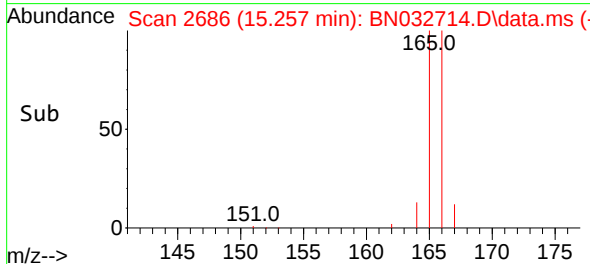
Instrument :
BNA_N
ClientSampleId :
A4CB1DL



Tgt Ion:166 Resp: 346
Ion Ratio Lower Upper
166 100
165 98.3 79.7 119.5
167 17.1 11.4 17.2

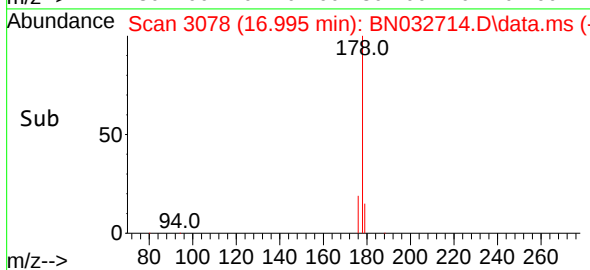
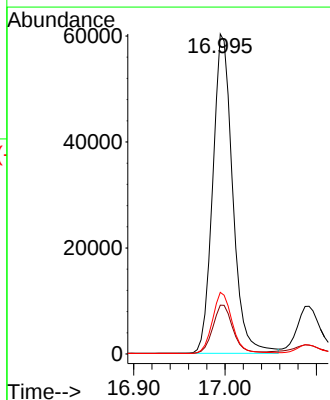
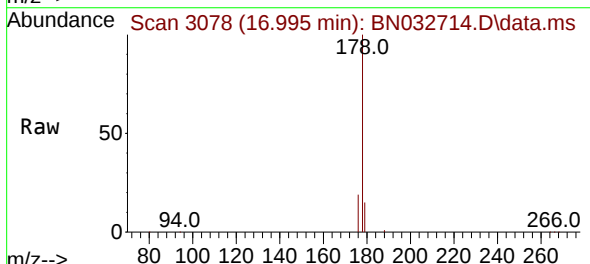
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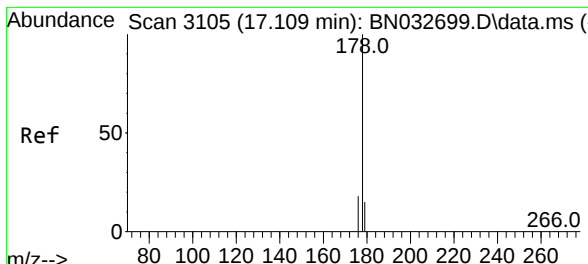
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 2.116 ng/u1
RT: 16.995 min Scan# 3078
Delta R.T. -0.034 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

Tgt Ion:178 Resp: 91042
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.3 15.6 23.4



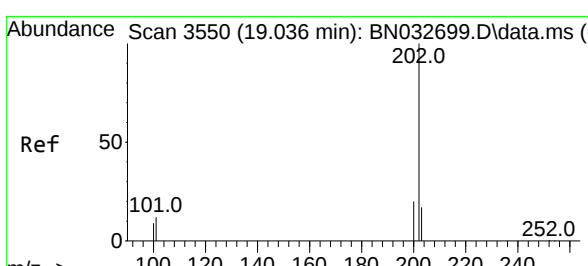
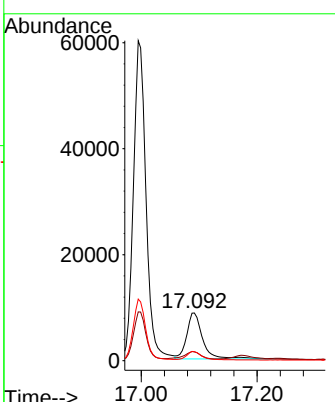
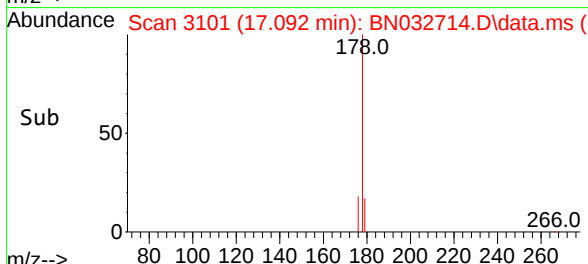
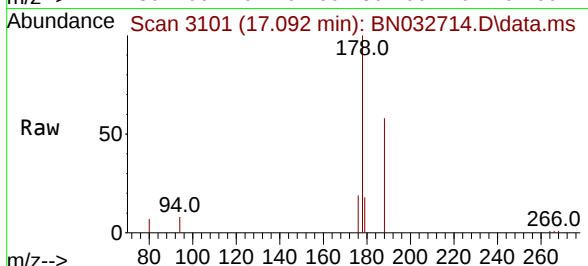


#16
 Anthracene
 Concen: 0.471 ng/ul
 RT: 17.092 min Scan# 3105
 Delta R.T. -0.046 min
 Lab File: BN032714.D
 Acq: 13 Jul 2024 17:33

Instrument : BNA_N
 ClientSampleId : A4CB1DL

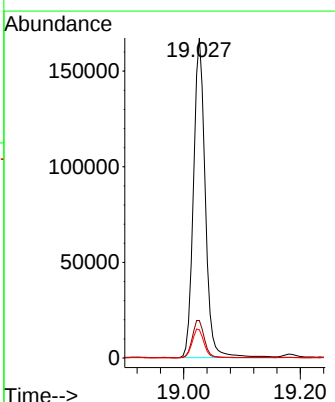
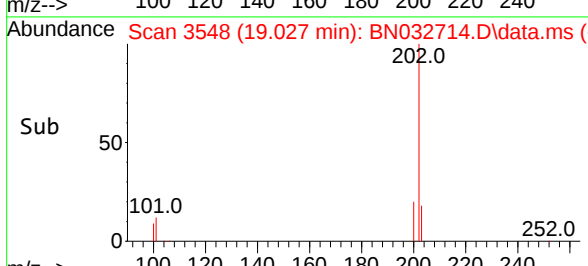
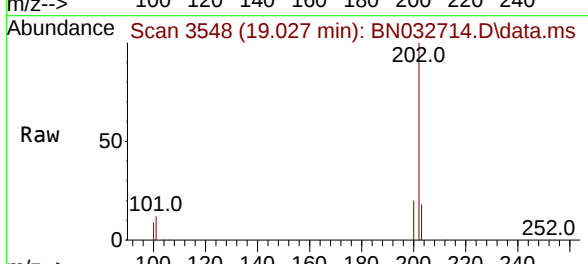
Tgt Ion:	178	Resp:	16539
Ion Ratio	Lower	Upper	
178	100		
179	18.5	13.4	20.2
176	19.0	15.4	23.0

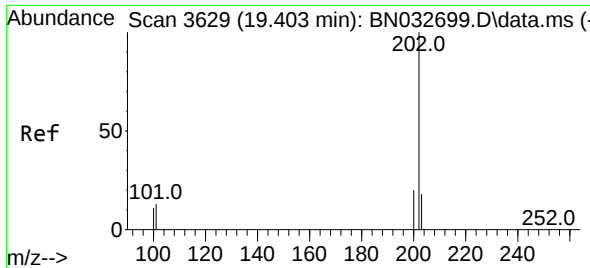
Manual Integrations
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 Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 3.842 ng/ul
 RT: 19.027 min Scan# 3548
 Delta R.T. -0.028 min
 Lab File: BN032714.D
 Acq: 13 Jul 2024 17:33

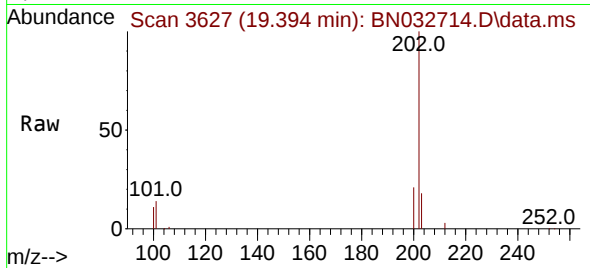
Tgt Ion:	202	Resp:	234228
Ion Ratio	Lower	Upper	
202	100		
101	11.7	9.8	14.8
100	8.8	7.9	11.9





#20
Pyrene
Concen: 2.538 ng/ul
RT: 19.394 min Scan# 30
Delta R.T. -0.028 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

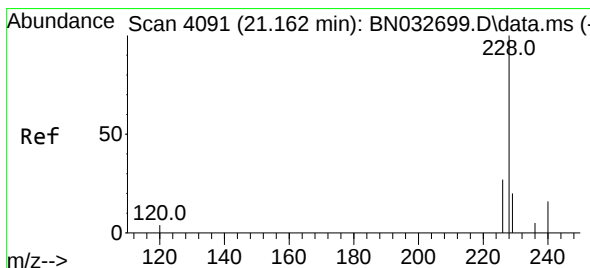
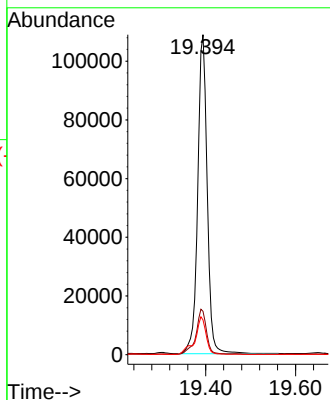
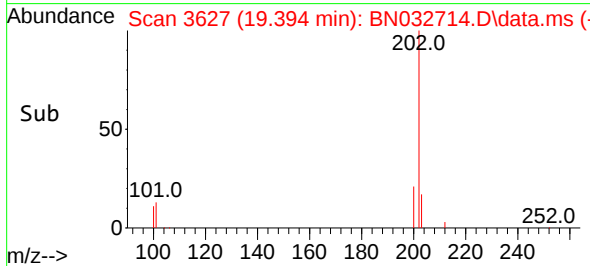
Instrument :
BNA_N
ClientSampleId :
A4CB1DL



Tgt Ion:202 Resp: 16018
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 10.9 9.6 14.4

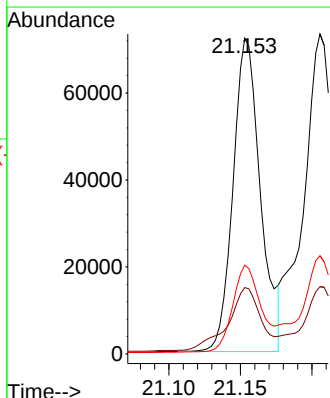
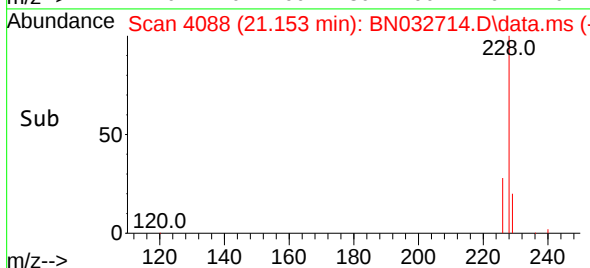
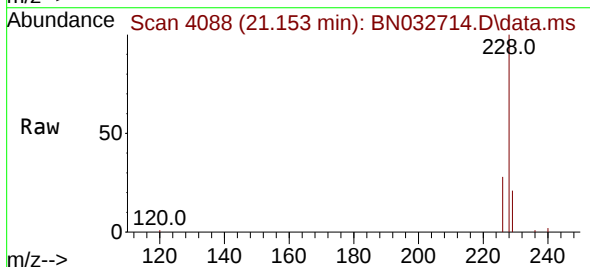
Manual Integrations
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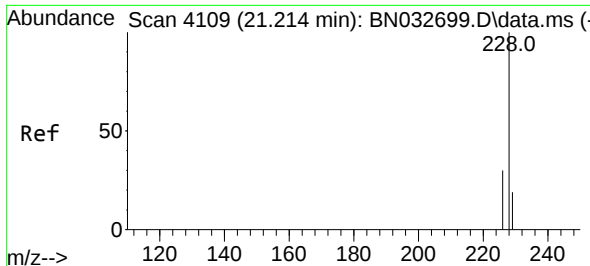
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#21
Benzo(a)anthracene
Concen: 2.013 ng/ul
RT: 21.153 min Scan# 4088
Delta R.T. -0.029 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

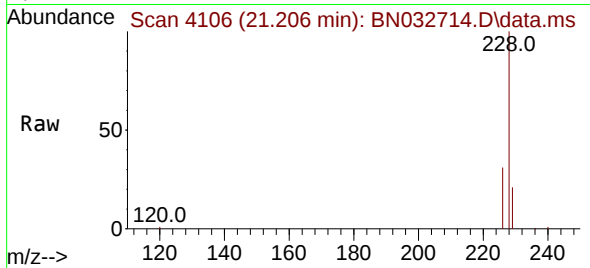
Tgt Ion:228 Resp: 96100
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 28.1 21.9 32.9





#22
Chrysene
Concen: 1.652 ng/ul
RT: 21.206 min Scan# 4109
Delta R.T. -0.026 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

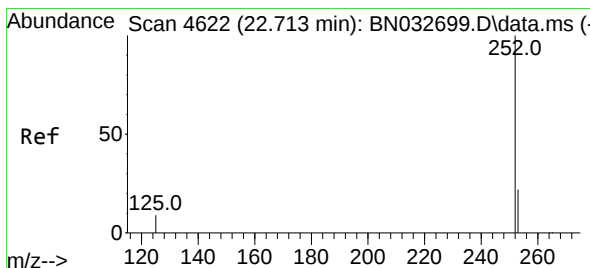
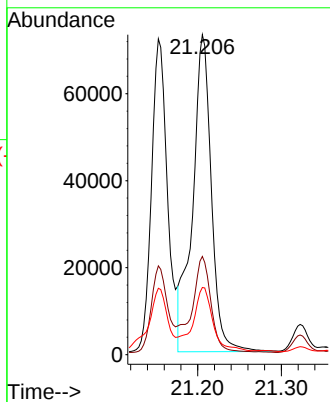
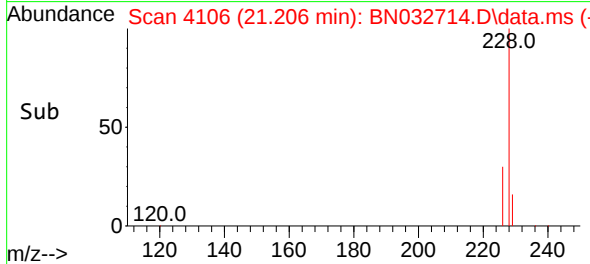
Instrument :
BNA_N
ClientSampleId :
A4CB1DL



Tgt Ion:228 Resp: 114089
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 21.0 15.8 23.6

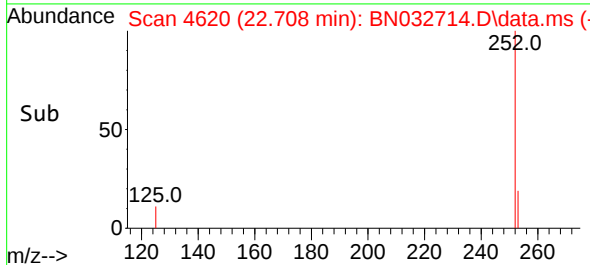
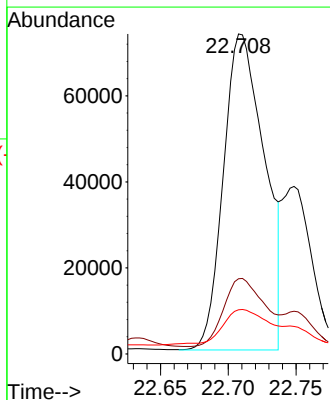
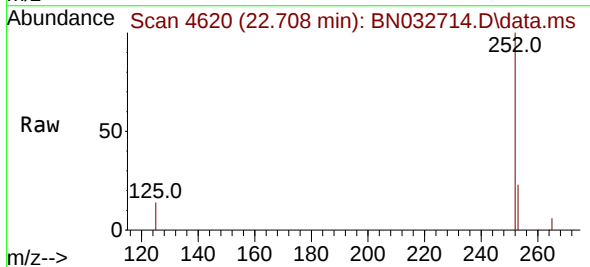
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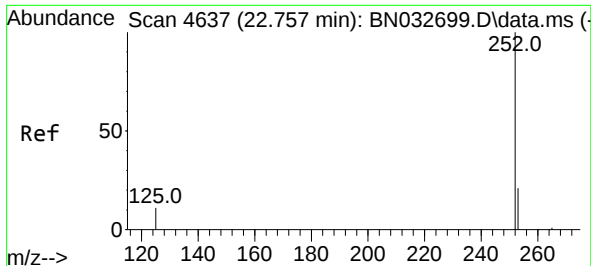
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#24
Benzo(b)fluoranthene
Concen: 2.409 ng/ul m
RT: 22.708 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

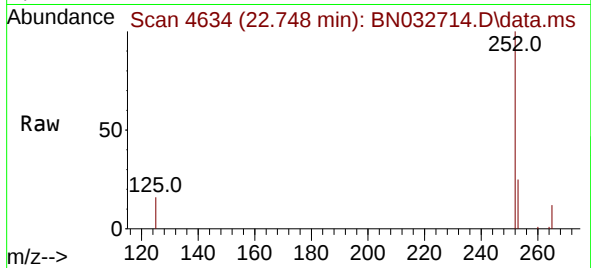
Tgt Ion:252 Resp: 154945
Ion Ratio Lower Upper
252 100
253 23.5 0.0 54.0
125 13.8 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.771 ng/ul m
RT: 22.748 min Scan# 4634
Delta R.T. -0.029 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

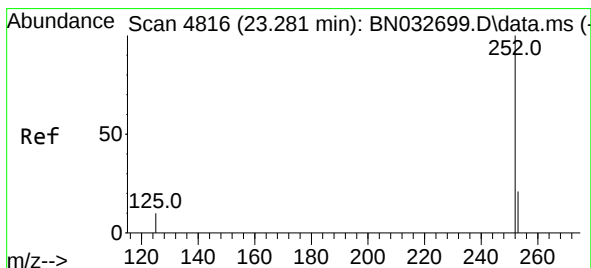
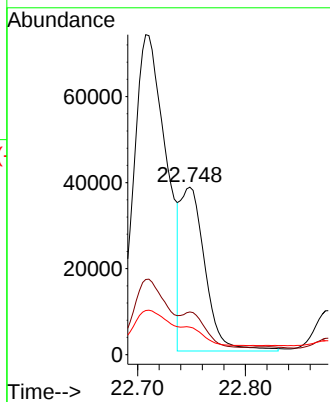
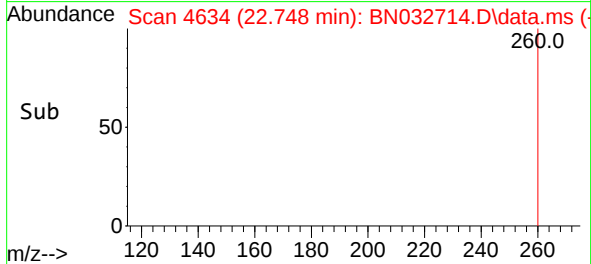
Instrument :
BNA_N
ClientSampleId :
A4CB1DL



Tgt Ion:252 Resp: 60429
Ion Ratio Lower Upper
252 100
253 25.5 21.2 31.8
125 16.5 14.8 22.2

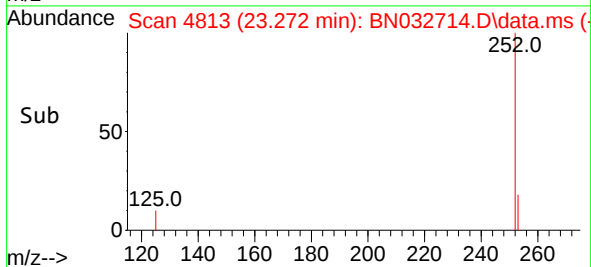
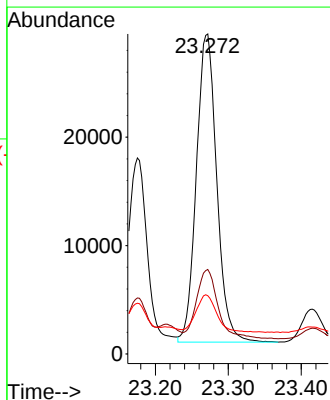
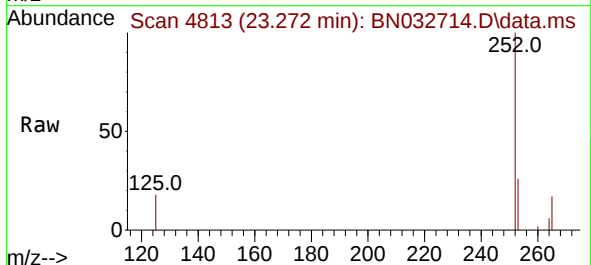
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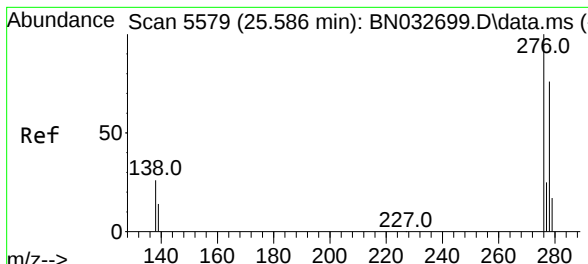
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#26
Benzo(a)pyrene
Concen: 0.991 ng/ul
RT: 23.272 min Scan# 4813
Delta R.T. -0.038 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

Tgt Ion:252 Resp: 55160
Ion Ratio Lower Upper
252 100
253 26.4 25.4 38.0
125 18.2 20.6 30.8#





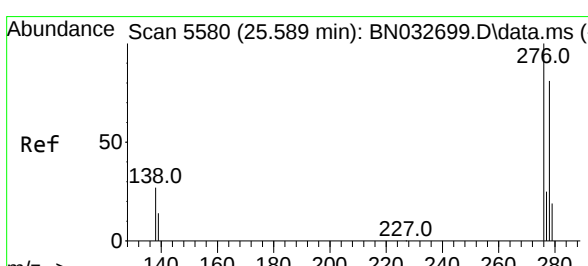
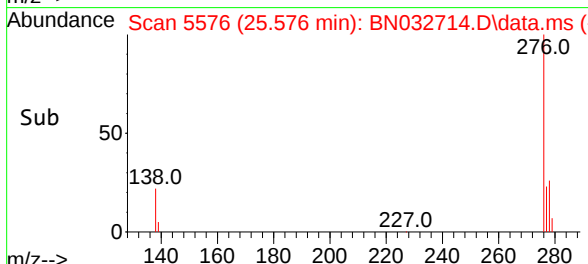
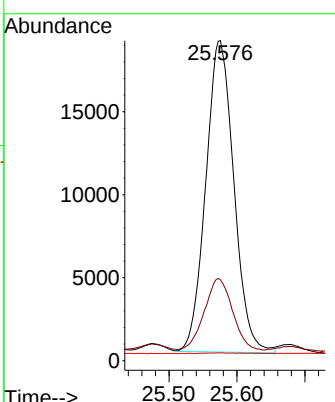
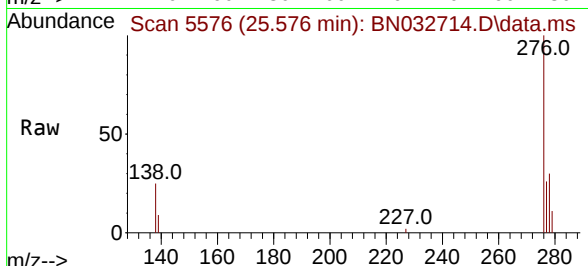
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.717 ng/ul
 RT: 25.576 min Scan# 5576
 Delta R.T. -0.050 min
 Lab File: BN032714.D
 Acq: 13 Jul 2024 17:33

Instrument : BNA_N
 ClientSampleId : A4CB1DL

Tgt Ion:	276	Resp:	5405
Ion Ratio	Lower	Upper	
276	100		
138	23.2	21.6	32.4
227	0.2	0.0	0.0

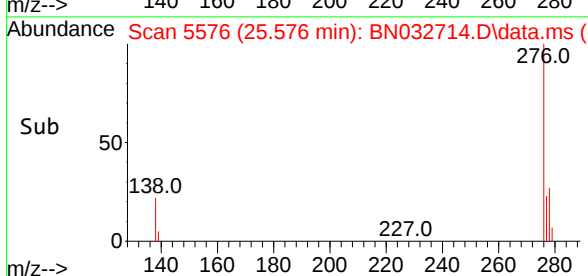
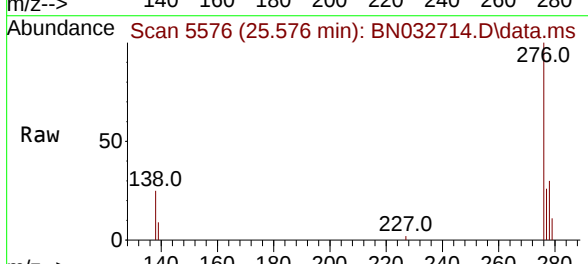
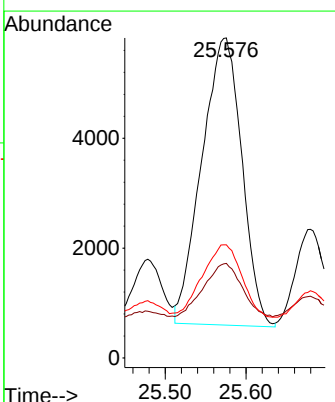
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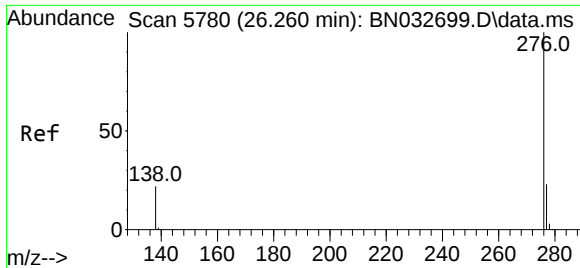
Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 0.308 ng/ul
 RT: 25.576 min Scan# 5576
 Delta R.T. -0.064 min
 Lab File: BN032714.D
 Acq: 13 Jul 2024 17:33

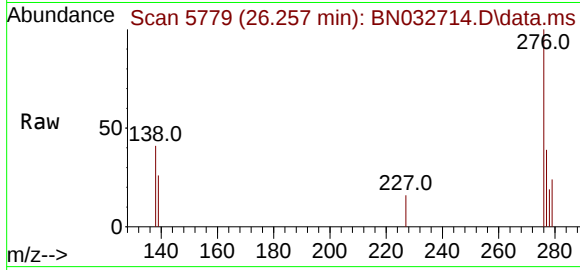
Tgt Ion:	278	Resp:	18020
Ion Ratio	Lower	Upper	
278	100		
139	29.5	16.6	24.8
279	35.3	23.7	35.5





#29
Benzo(g,h,i)perylene
Concen: 0.130 ng/ul
RT: 26.257 min Scan# 51
Delta R.T. -0.044 min
Lab File: BN032714.D
Acq: 13 Jul 2024 17:33

Instrument :
BNA_N
ClientSampleId :
A4CB1DL



Tgt Ion:276 Resp: 8199
Ion Ratio Lower Upper
276 100
138 40.6 21.0 31.4
277 38.8 20.6 31.0

Manual Integrations
APPROVED

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

