

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032764.D
 Acq On : 17 Jul 2024 05:45
 Operator : MA/JU
 Sample : P3100-24
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D52

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 06:14:31 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	5119	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.310	136	16569	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.193	164	9106	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	20346m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.171	240	15409m	0.400	ng/ul	0.00
23) Perylene-d12	23.374	264	25220m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	24528	3.991	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	5854	0.234	ng/ul	-0.02
18) Fluoranthene-d10	18.994	212	14006m	0.279	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.360	128	35044	0.788	ng/ul	98
7) 2-Methylnaphthalene	11.988	142	14472	0.521	ng/ul	98
8) 1-Methylnaphthalene	12.208	142	10764	0.375	ng/ul	99
10) Acenaphthylene	13.911	152	146339	3.978	ng/ul	99
11) Acenaphthene	14.253	153	39532	1.299	ng/ul	99
12) Fluorene	15.252	166	53842	1.548	ng/ul	97
14) Pentachlorophenol	16.619	266	1314m	0.368	ng/ul	
15) Phenanthrene	16.995	178	1301259m	23.484	ng/ul	
16) Anthracene	17.084	178	292249m	6.456	ng/ul	
19) Fluoranthene	19.027	202	3375908m	53.885	ng/ul	
20) Pyrene	19.394	202	2385057m	36.779	ng/ul	
21) Benzo(a)anthracene	21.153	228	1530550m	31.205	ng/ul	
22) Chrysene	21.206	228	2076189m	29.260	ng/ul	
24) Benzo(b)fluoranthene	22.716	252	2866052m	32.208	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	1178418m	10.867	ng/ul	
26) Benzo(a)pyrene	23.281	252	982714m	12.761	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.603	276	1198441	11.493	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.599	278	413437m	5.115	ng/ul	
29) Benzo(g,h,i)perylene	26.290	276	177036	2.031	ng/ul#	84

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

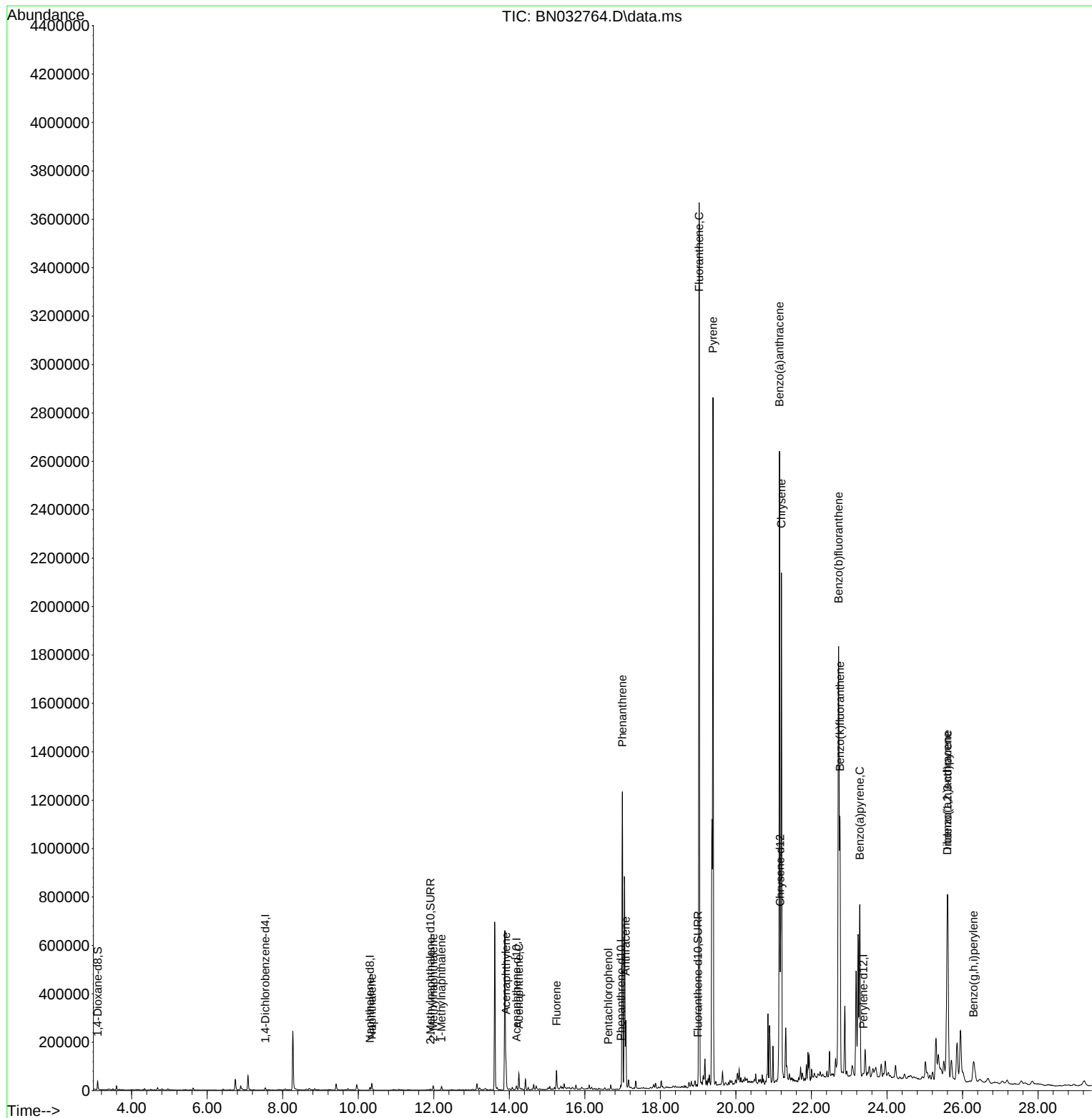
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032764.D
Acq On : 17 Jul 2024 05:45
Operator : MA/JU
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ALS Vial : 35 Sample Multiplier: 1

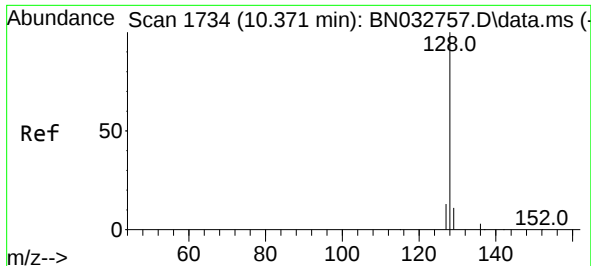
Instrument :
BNA_N
ClientSampleId :
A4D52

Quant Time: Jul 17 06:14:31 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 : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

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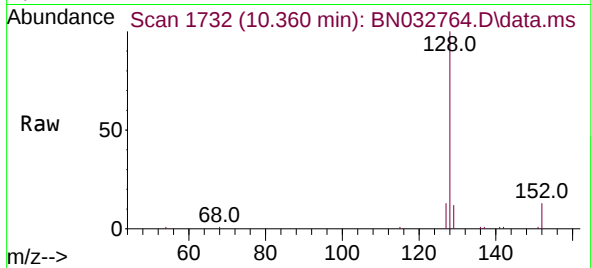
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024





#5
Naphthalene
Concen: 0.788 ng/ul
RT: 10.360 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45

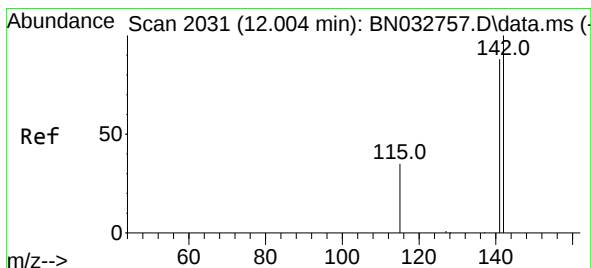
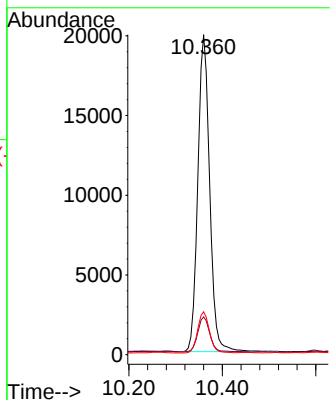
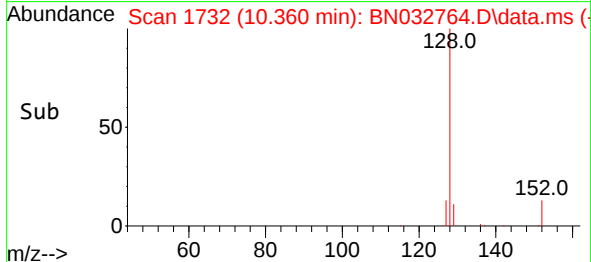
Instrument :
BNA_N
ClientSampleId :
A4D52



Tgt Ion:128 Resp: 3504
Ion Ratio Lower Upper
128 100
129 11.8 10.0 15.0
127 13.4 11.6 17.4

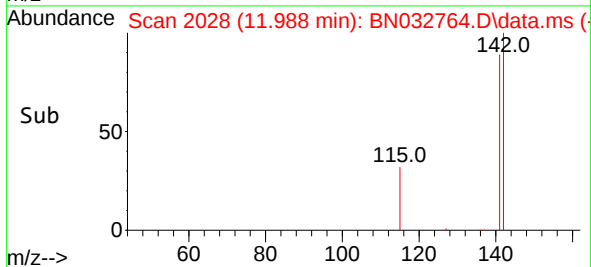
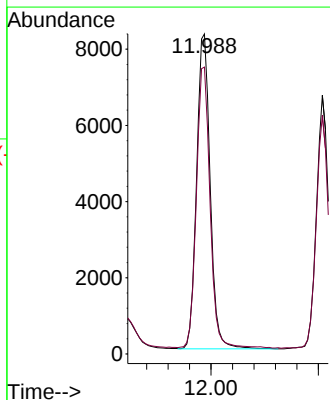
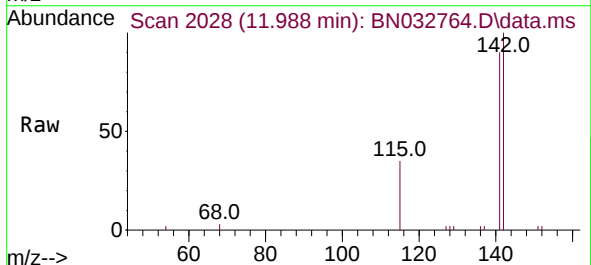
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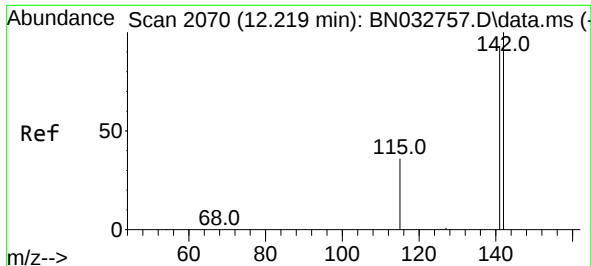
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 0.521 ng/ul
RT: 11.988 min Scan# 2028
Delta R.T. -0.017 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45

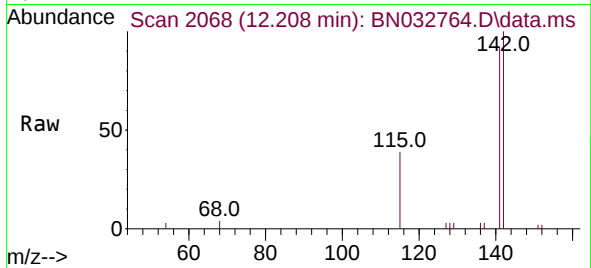
Tgt Ion:142 Resp: 14472
Ion Ratio Lower Upper
142 100
141 90.5 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.208 min Scan# 2070
Delta R.T. -0.011 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45

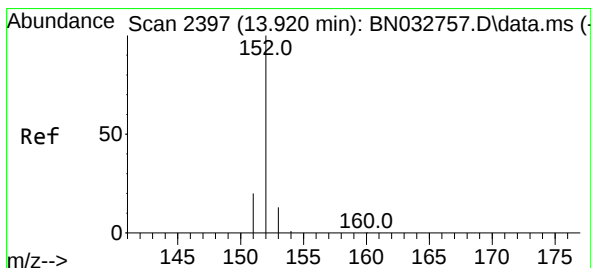
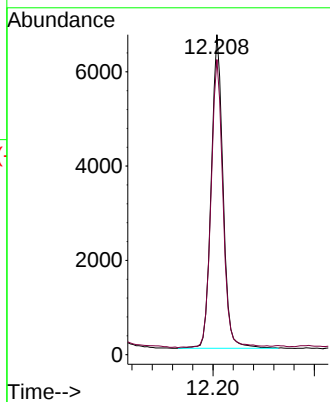
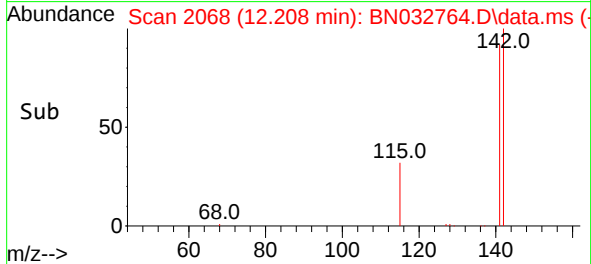
Instrument :
BNA_N
ClientSampleId :
A4D52



Tgt Ion:142 Resp: 10764
Ion Ratio Lower Upper
142 100
141 92.3 75.0 112.4

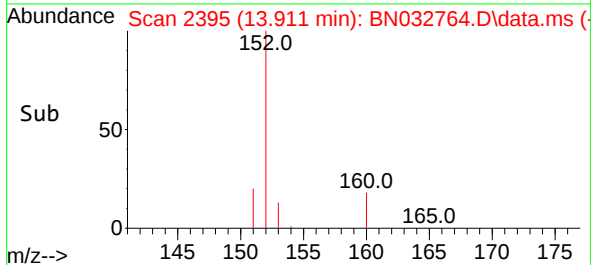
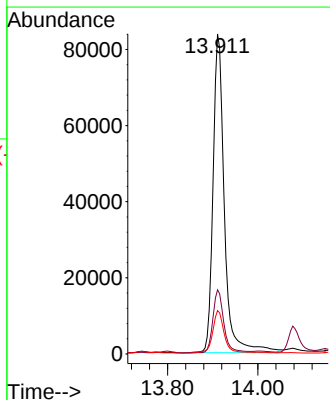
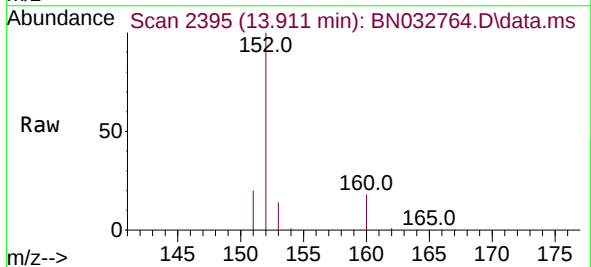
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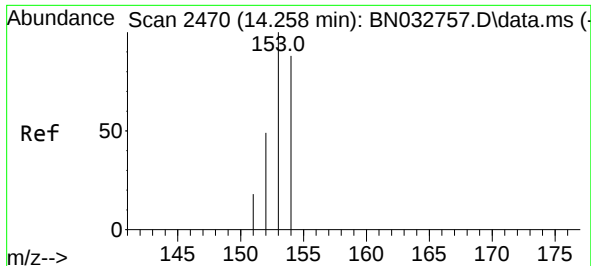
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 3.978 ng/ul
RT: 13.911 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45

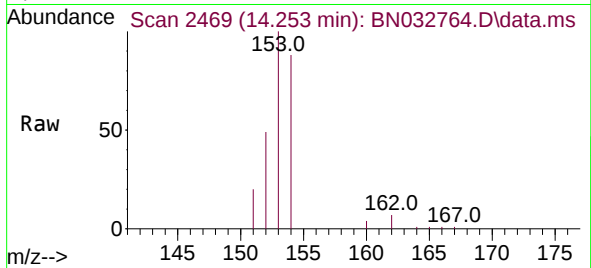
Tgt Ion:152 Resp: 146339
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.5 11.3 16.9





#11
Acenaphthene
Concen: 1.299 ng/ul
RT: 14.253 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45

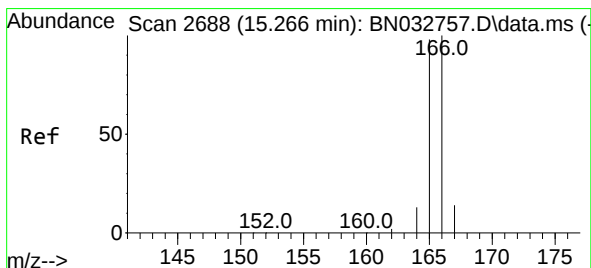
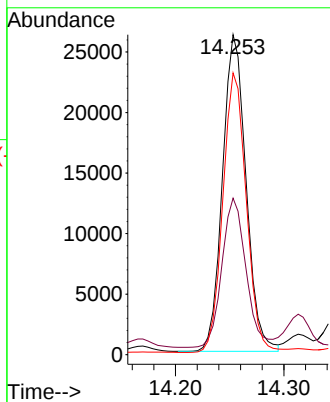
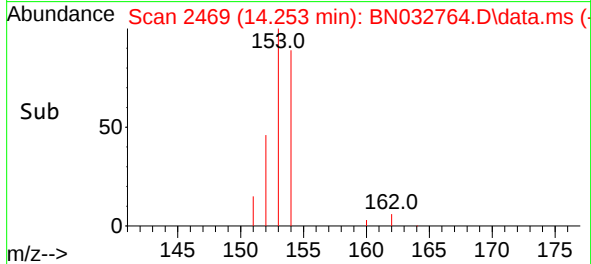
Instrument :
BNA_N
ClientSampleId :
A4D52



Tgt Ion:153 Resp: 39532
Ion Ratio Lower Upper
153 100
152 48.9 40.0 60.0
154 88.0 70.2 105.4

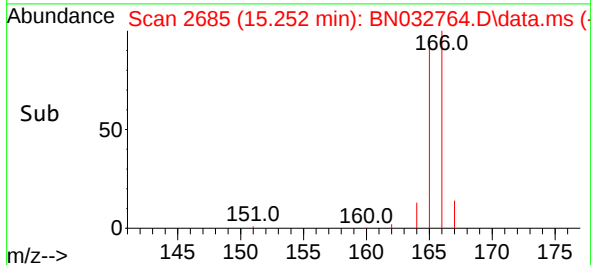
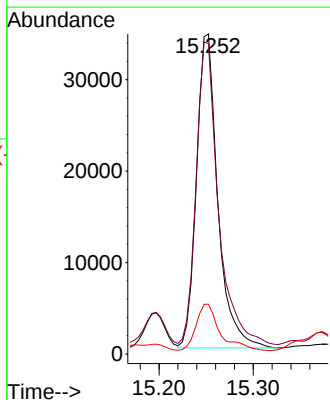
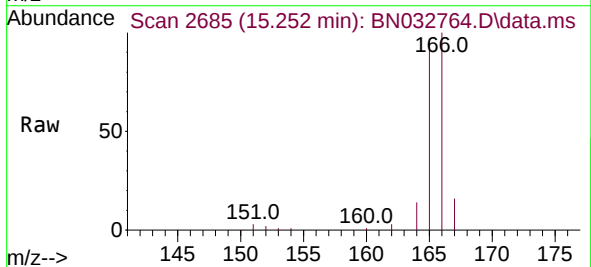
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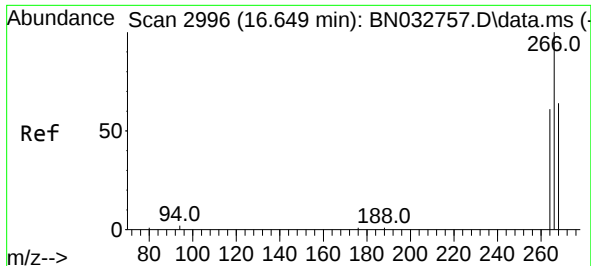
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 1.548 ng/ul
RT: 15.252 min Scan# 2685
Delta R.T. -0.014 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45

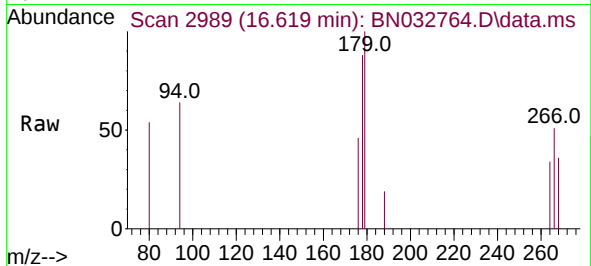
Tgt Ion:166 Resp: 53842
Ion Ratio Lower Upper
166 100
165 97.0 79.7 119.5
167 15.6 11.4 17.2





#14
Pentachlorophenol
Concen: 0.368 ng/ul m
RT: 16.619 min Scan# 2996
Delta R.T. -0.030 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45

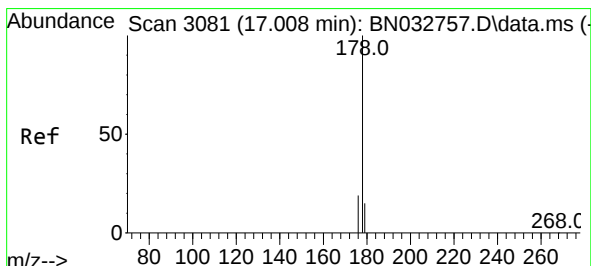
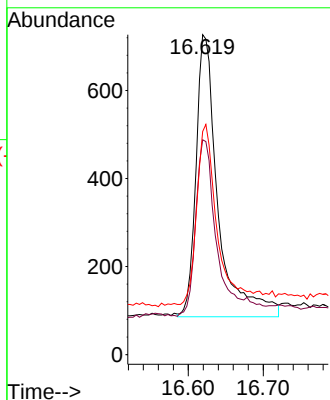
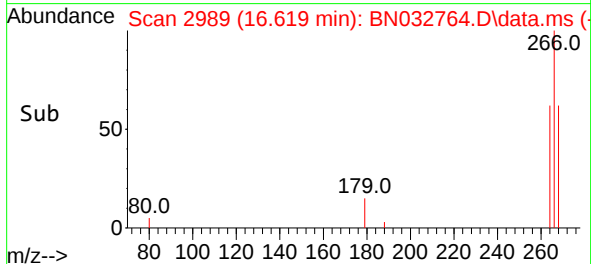
Instrument :
BNA_N
ClientSampleId :
A4D52



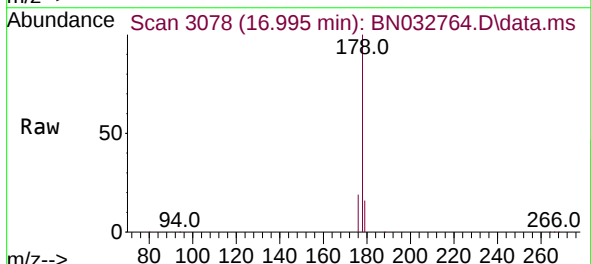
Tgt Ion:266 Resp: 1314
Ion Ratio Lower Upper
266 100
264 0.0 49.4 74.2
268 0.0 51.6 77.4

Manual Integrations
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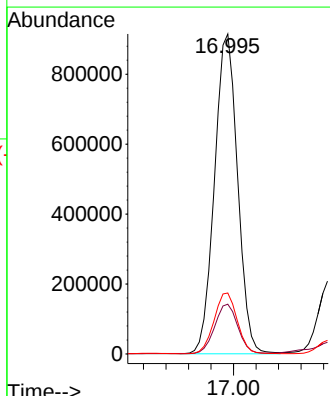
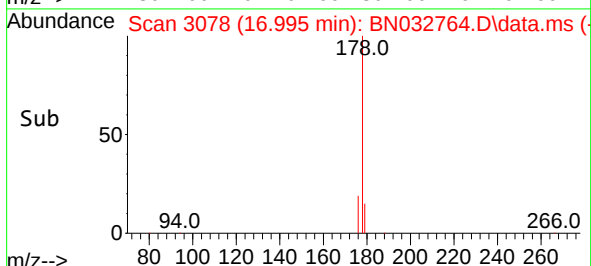
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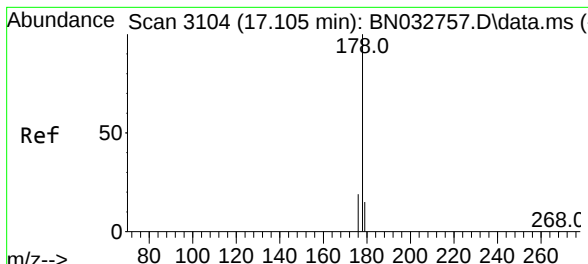


#15
Phenanthrene
Concen: 23.484 ng/ul m
RT: 16.995 min Scan# 3078
Delta R.T. -0.013 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45



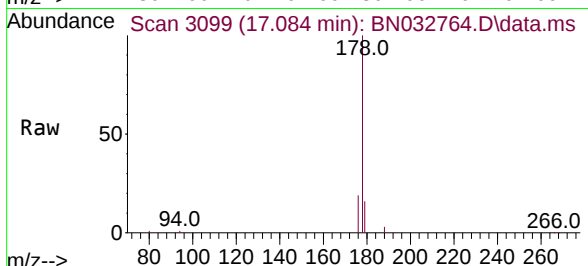
Tgt Ion:178 Resp: 1301259
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.0 15.6 23.4





#16
 Anthracene
 Concen: 6.456 ng/ul m
 RT: 17.084 min Scan# 3099
 Delta R.T. -0.021 min
 Lab File: BN032764.D
 Acq: 17 Jul 2024 05:45

Instrument :
 BNA_N
 ClientSampleId :
 A4D52

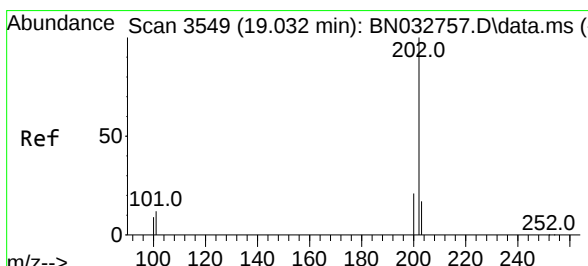
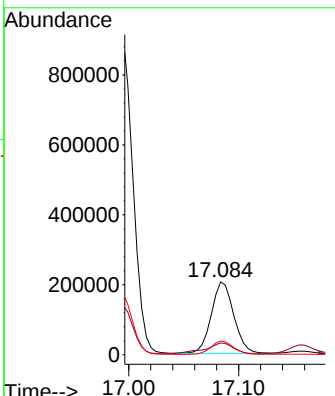
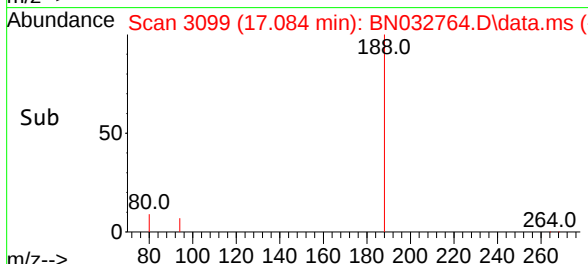


Tgt Ion:178 Resp: 292249

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.4	20.2
176	18.7	15.4	23.0

Manual Integrations
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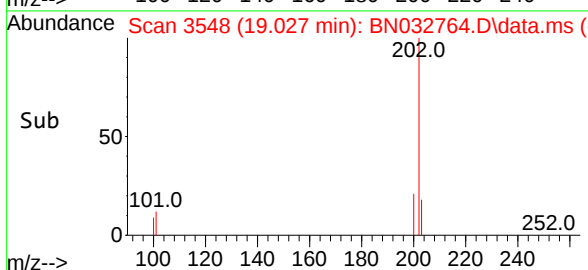
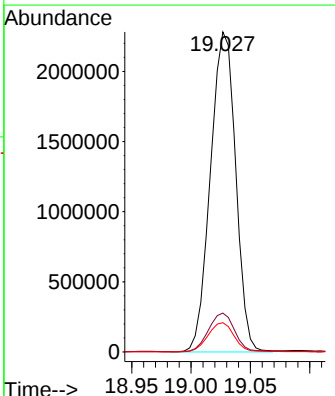
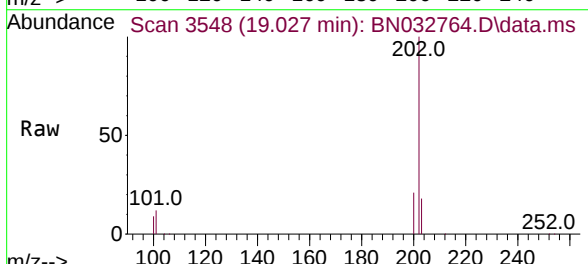
Reviewed By :Yogesh Patel 07/18/2024
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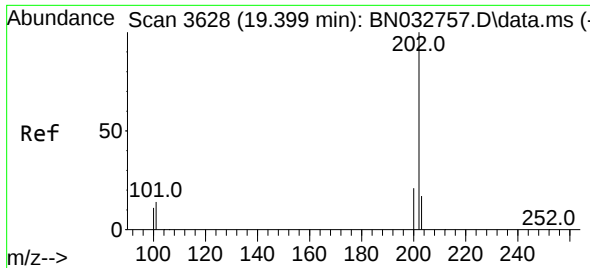


#19
 Fluoranthene
 Concen: 53.885 ng/ul m
 RT: 19.027 min Scan# 3548
 Delta R.T. -0.005 min
 Lab File: BN032764.D
 Acq: 17 Jul 2024 05:45

Tgt Ion:202 Resp: 3375908

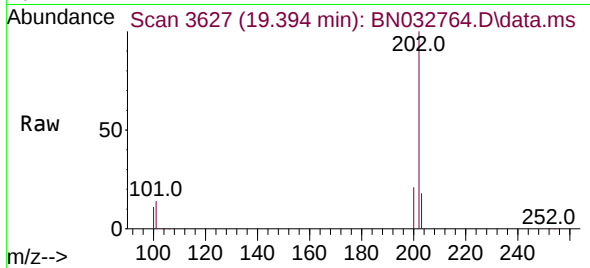
Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	9.2	7.9	11.9





#20
Pyrene
Concen: 36.779 ng/ul m
RT: 19.394 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45

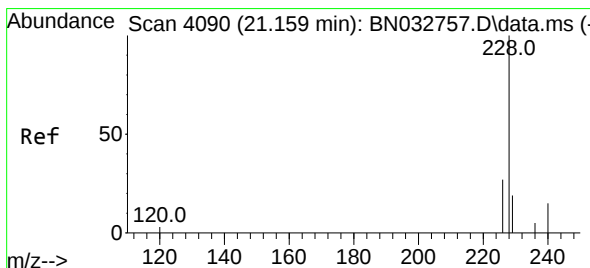
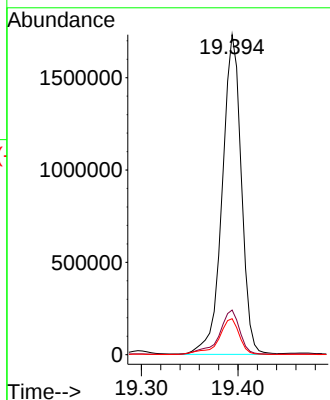
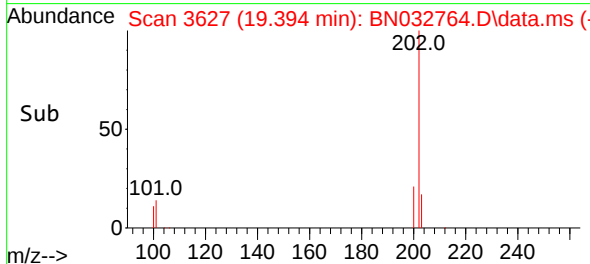
Instrument :
BNA_N
ClientSampleId :
A4D52



Tgt Ion:202 Resp: 238505
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.6
100 11.2 9.6 14.4

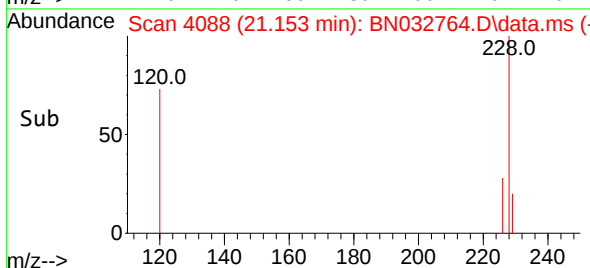
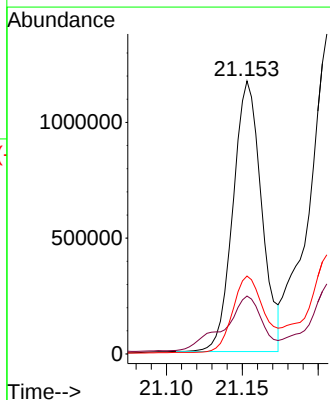
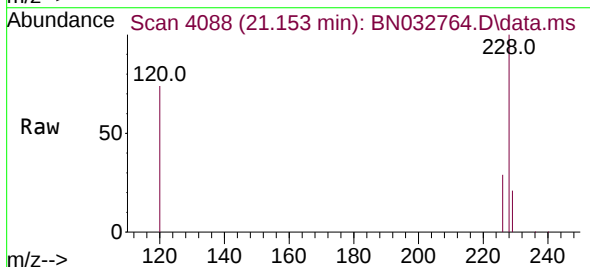
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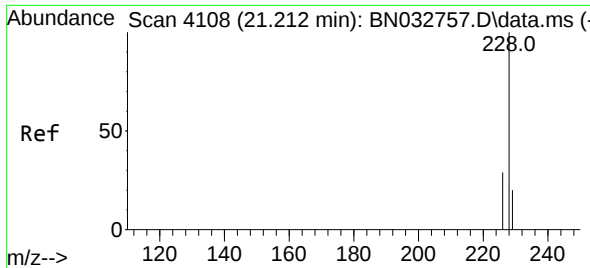
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#21
Benzo(a)anthracene
Concen: 31.205 ng/ul m
RT: 21.153 min Scan# 4088
Delta R.T. -0.006 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45

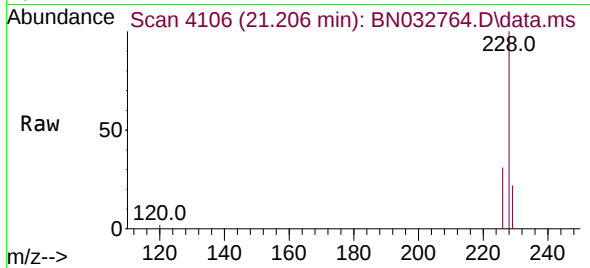
Tgt Ion:228 Resp: 1530550
Ion Ratio Lower Upper
228 100
229 21.2 16.1 24.1
226 28.5 21.9 32.9





#22
Chrysene
Concen: 29.260 ng/ul m
RT: 21.206 min Scan# 4106
Delta R.T. -0.006 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45

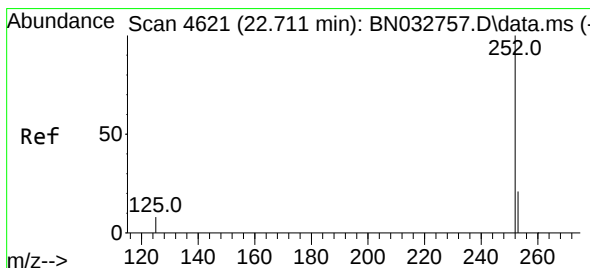
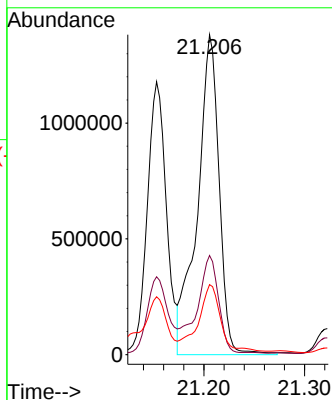
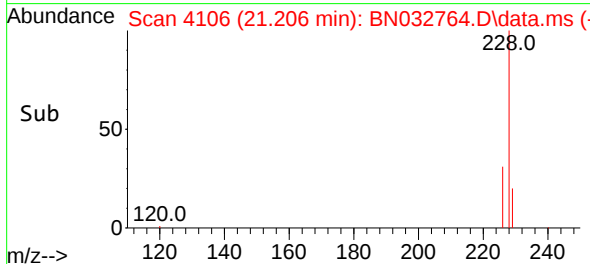
Instrument :
BNA_N
ClientSampleId :
A4D52



Tgt Ion:228 Resp: 2076189
Ion Ratio Lower Upper
228 100
226 31.0 24.0 36.0
229 21.9 15.8 23.6

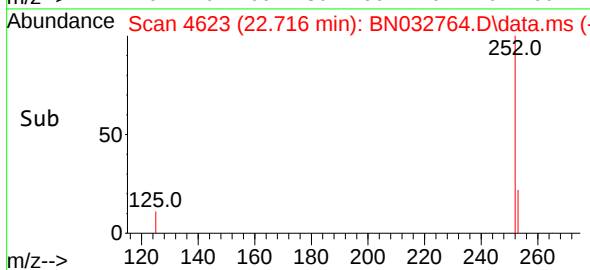
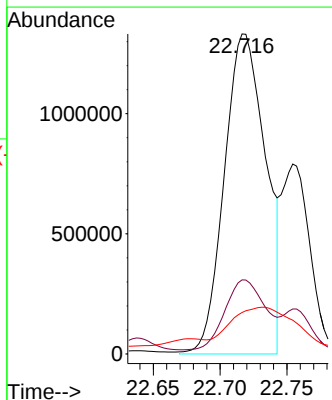
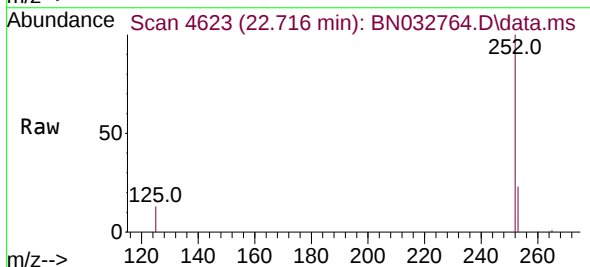
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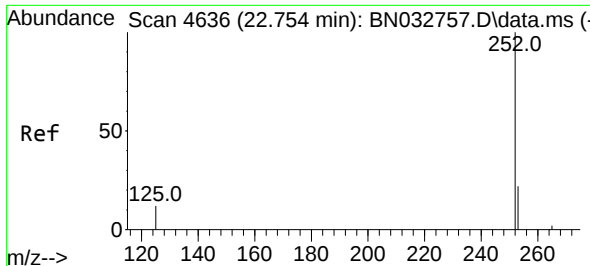
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#24
Benzo(b)fluoranthene
Concen: 32.208 ng/ul m
RT: 22.716 min Scan# 4623
Delta R.T. 0.006 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45

Tgt Ion:252 Resp: 2866052
Ion Ratio Lower Upper
252 100
253 23.2 0.0 54.0
125 13.0 0.0 36.0





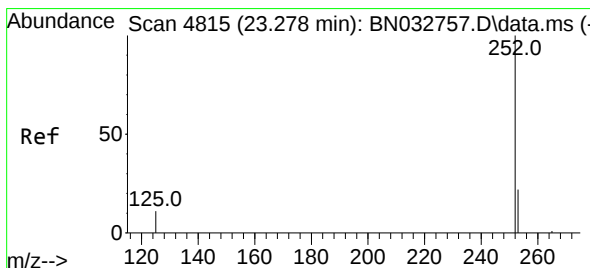
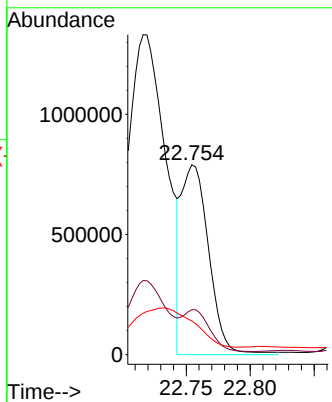
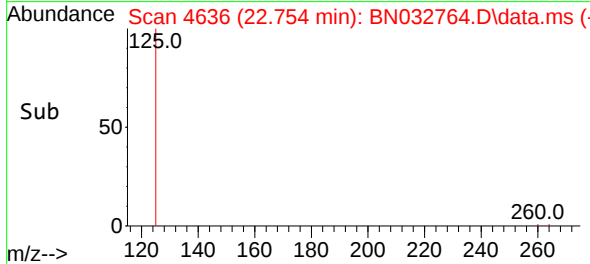
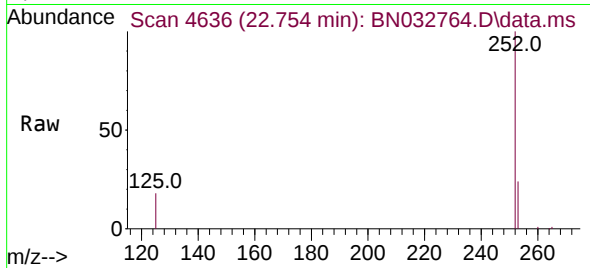
#25
Benzo(k)fluoranthene
Concen: 10.867 ng/ul m
RT: 22.754 min Scan# 4636
Delta R.T. -0.000 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45

Instrument :
BNA_N
ClientSampleId :
A4D52

Tgt Ion:252 Resp: 1178418
Ion Ratio Lower Upper
252 100
253 23.6 21.2 31.8
125 17.7 14.8 22.2

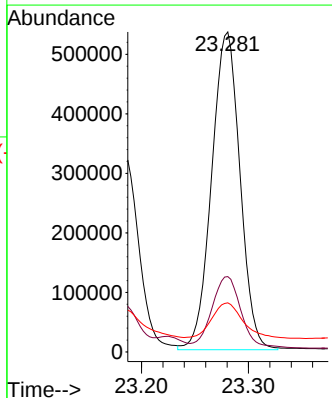
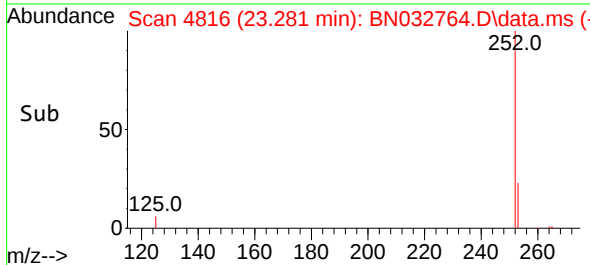
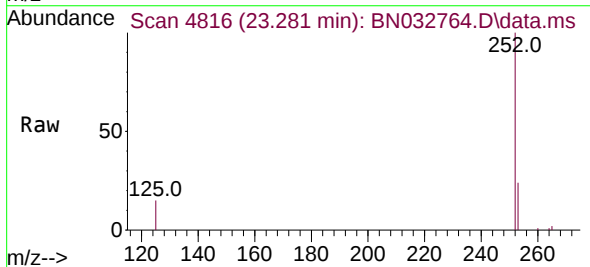
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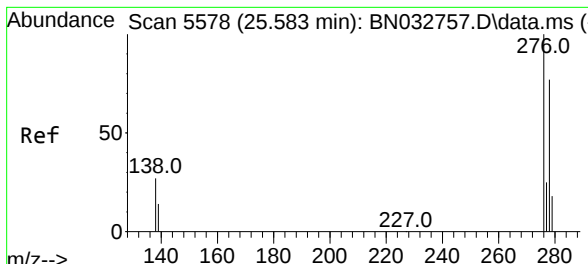
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#26
Benzo(a)pyrene
Concen: 12.761 ng/ul m
RT: 23.281 min Scan# 4816
Delta R.T. 0.003 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45

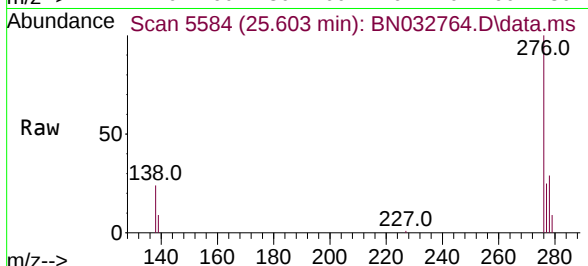
Tgt Ion:252 Resp: 982714
Ion Ratio Lower Upper
252 100
253 23.6 25.4 38.0#
125 15.3 20.6 30.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 11.493 ng/ul
 RT: 25.603 min Scan# 5584
 Delta R.T. 0.020 min
 Lab File: BN032764.D
 Acq: 17 Jul 2024 05:45

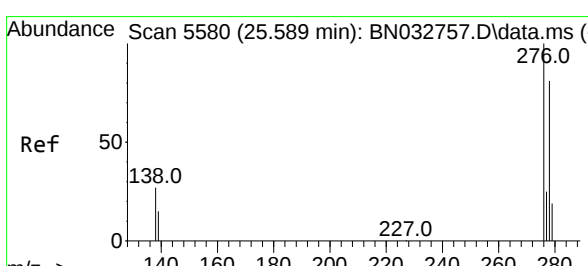
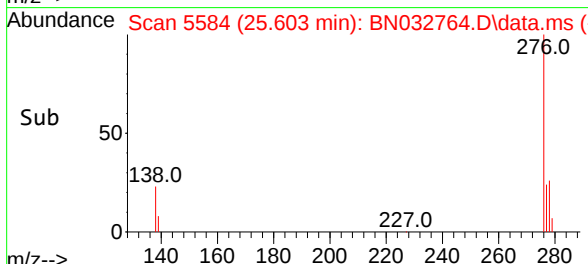
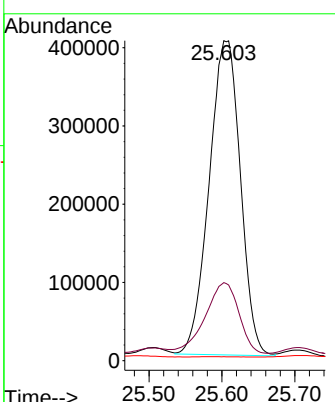
Instrument : BNA_N
 ClientSampleId : A4D52



Tgt Ion: 276 Resp: 119844

Ion	Ratio	Lower	Upper
276	100		
138	24.2	21.6	32.4
227	0.1	0.0	0.0

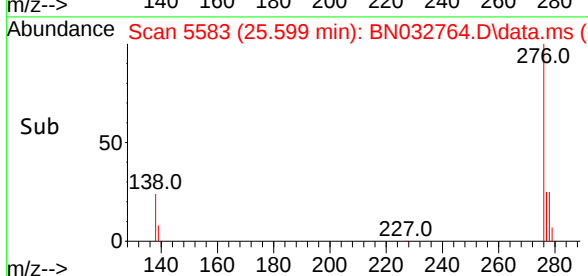
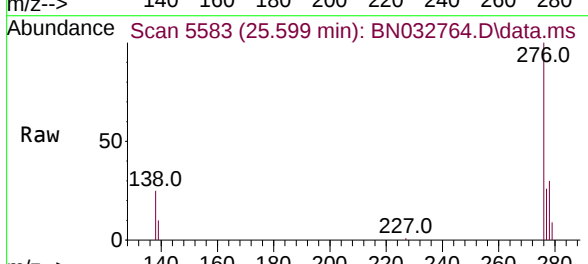
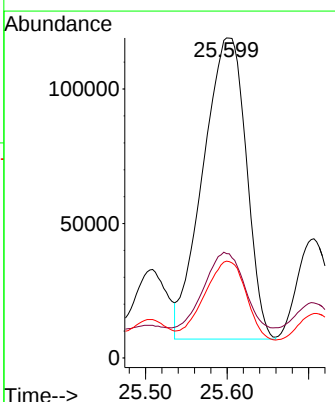
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 Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

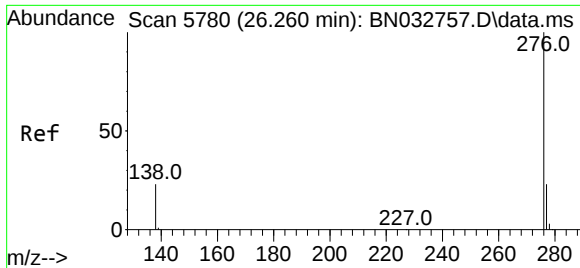


#28
 Dibenzo(a,h)anthracene
 Concen: 5.115 ng/ul m
 RT: 25.599 min Scan# 5583
 Delta R.T. 0.010 min
 Lab File: BN032764.D
 Acq: 17 Jul 2024 05:45

Tgt Ion: 278 Resp: 413437

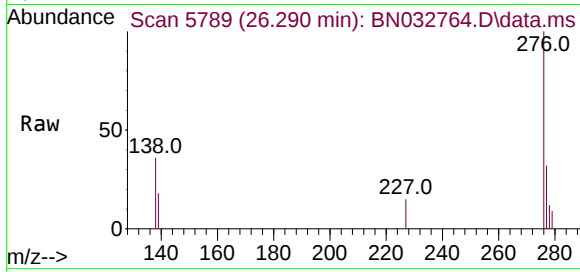
Ion	Ratio	Lower	Upper
278	100		
139	32.6	16.6	24.8
279	30.3	23.7	35.5





#29
Benzo(g,h,i)perylene
Concen: 2.031 ng/ul
RT: 26.290 min Scan# 51
Delta R.T. 0.030 min
Lab File: BN032764.D
Acq: 17 Jul 2024 05:45

Instrument :
BNA_N
ClientSampleId :
A4D52



Tgt Ion:276 Resp: 177030
Ion Ratio Lower Upper
276 100
138 36.2 21.0 31.4
277 32.0 20.6 31.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

