

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032784.D
 Acq On : 17 Jul 2024 17:50
 Operator : MA/JU
 Sample : P3100-18DL 5X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D13DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 23:32:26 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	7.544	152	6467	0.400	ng/ul	0.00
4) Naphthalene-d8	10.316	136	22251	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.193	164	8799	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	15766	0.400	ng/ul	-0.01
17) Chrysene-d12	21.170	240	14450	0.400	ng/ul	# 0.00
23) Perylene-d12	23.371	264	17584	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	5757	0.741	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	1436	0.043	ng/ul	-0.02
18) Fluoranthene-d10	18.994	212	2446	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.360	128	9702	0.162	ng/ul	98
7) 2-Methylnaphthalene	11.993	142	5436	0.146	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	4487	0.116	ng/ul	100
10) Acenaphthylene	13.915	152	26365	0.742	ng/ul	100
11) Acenaphthene	14.258	153	5525	0.188	ng/ul	99
12) Fluorene	15.252	166	6496	0.193	ng/ul#	98
14) Pentachlorophenol	16.632	266	78	0.028	ng/ul	90
15) Phenanthrene	16.995	178	153404	3.573	ng/ul	98
16) Anthracene	17.088	178	41538	1.184	ng/ul	99
19) Fluoranthene	19.027	202	380727	6.480	ng/ul	97
20) Pyrene	19.394	202	263876	4.339	ng/ul	96
21) Benzo(a)anthracene	21.153	228	191223	4.157	ng/ul	98
22) Chrysene	21.206	228	220970	3.321	ng/ul	98
24) Benzo(b)fluoranthene	22.713	252	315473m	5.085	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	113514m	1.501	ng/ul	
26) Benzo(a)pyrene	23.275	252	102948	1.917	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.586	276	107006	1.472	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.582	278	42657	0.757	ng/ul#	57
29) Benzo(g,h,i)perylene	26.267	276	15253	0.251	ng/ul#	71

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

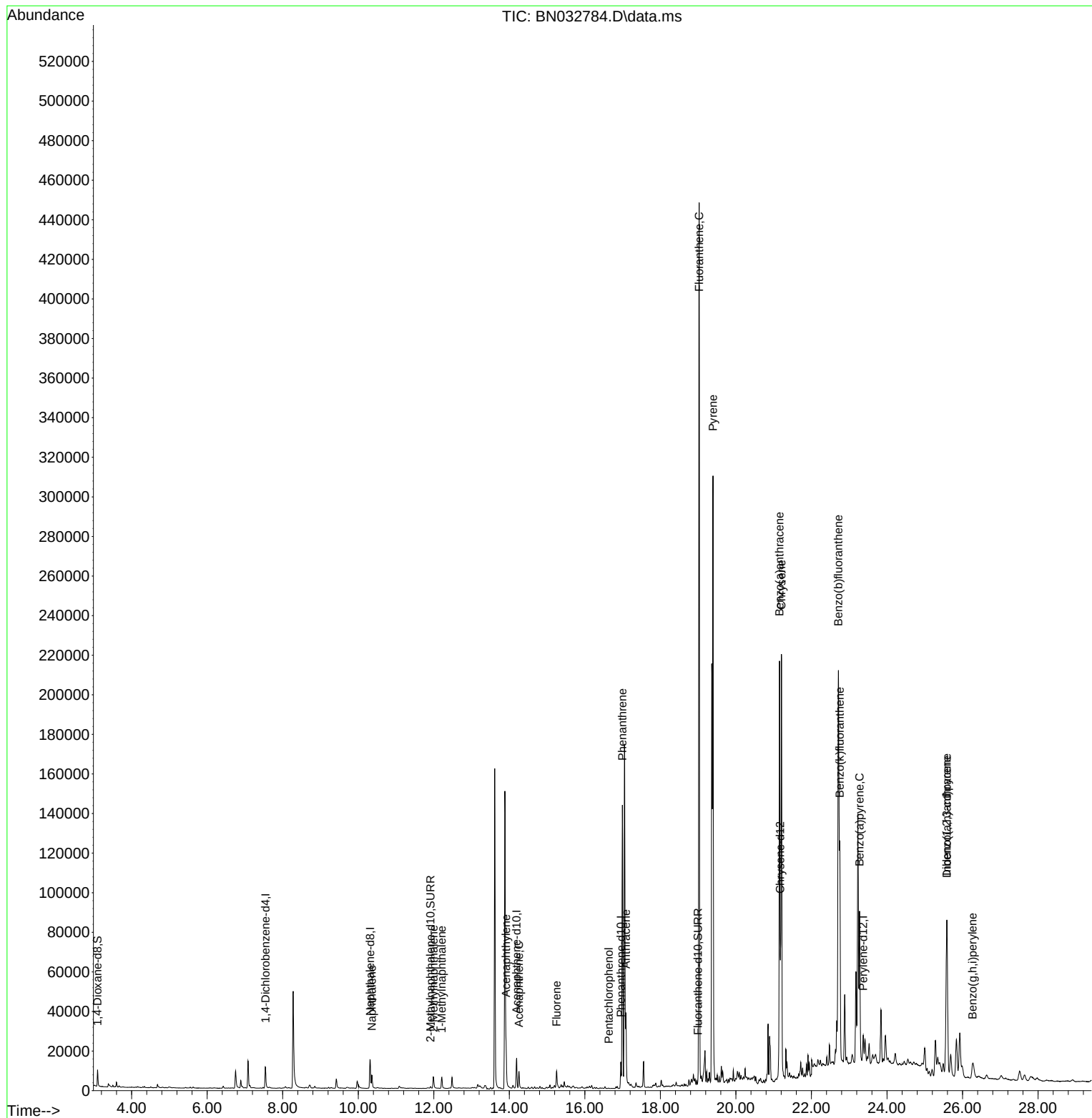
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032784.D
Acq On : 17 Jul 2024 17:50
Operator : MA/JU
Sample : P3100-18DL 5X
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ALS Vial : 55 Sample Multiplier: 1

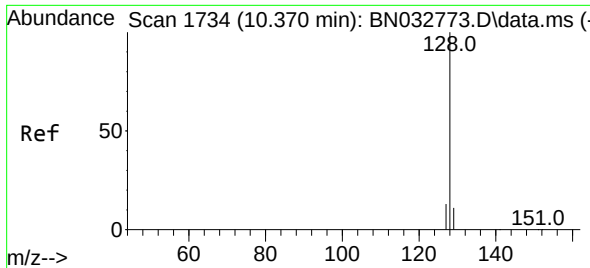
Instrument :
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Supervised By :mohammad ahmed 07/19/2024

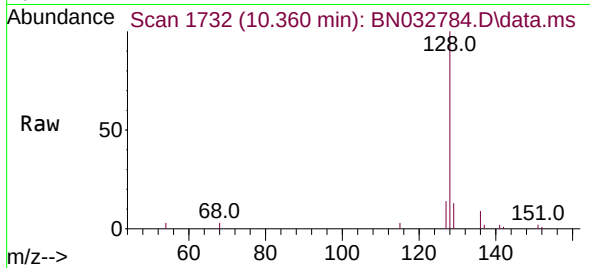
Quant Time: Jul 17 23:32:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.162 ng/ul
RT: 10.360 min Scan# 1734
Delta R.T. -0.011 min
Lab File: BN032784.D
Acq: 17 Jul 2024 17:50

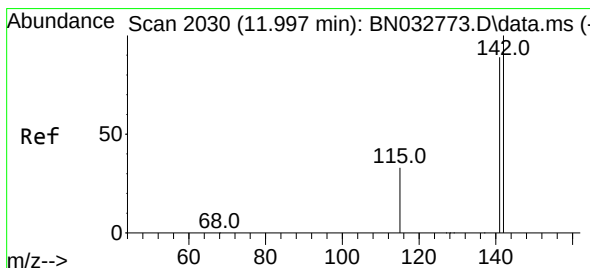
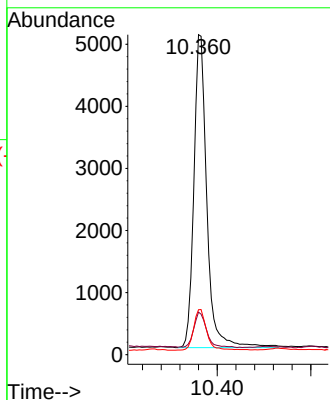
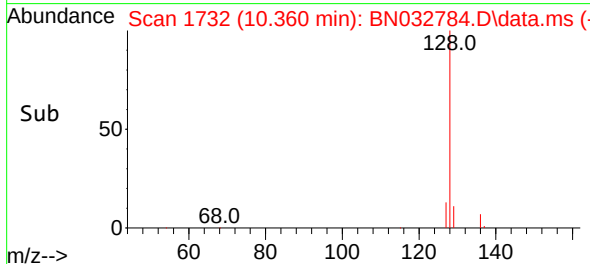
Instrument :
BNA_N
ClientSampleId :
A4D13DL



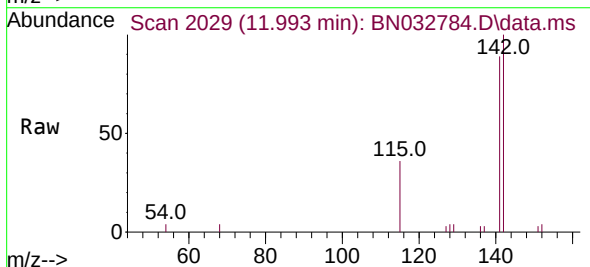
Tgt Ion:128 Resp: 970
Ion Ratio Lower Upper
128 100
129 13.3 10.0 15.0
127 14.0 11.6 17.4

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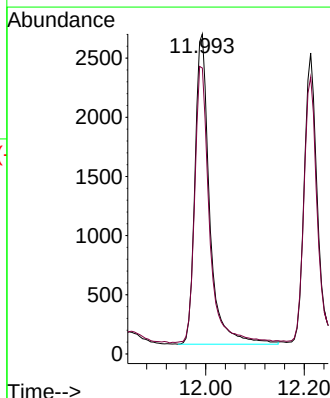
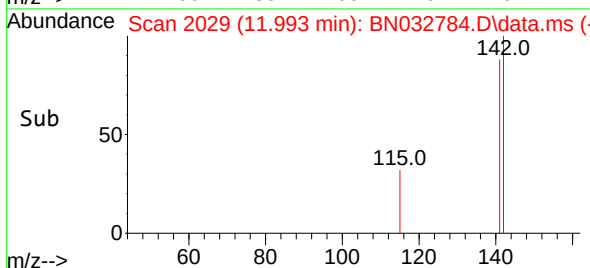
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

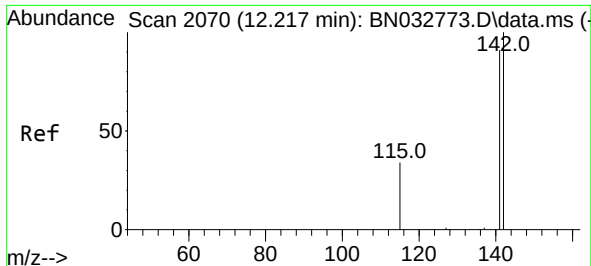


#7
2-Methylnaphthalene
Concen: 0.146 ng/ul
RT: 11.993 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BN032784.D
Acq: 17 Jul 2024 17:50



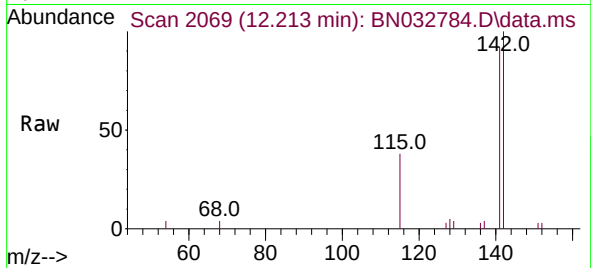
Tgt Ion:142 Resp: 5436
Ion Ratio Lower Upper
142 100
141 89.6 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BN032784.D
Acq: 17 Jul 2024 17:50

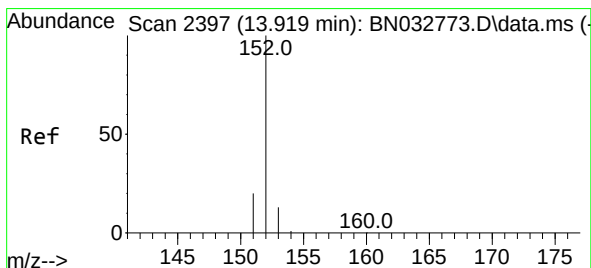
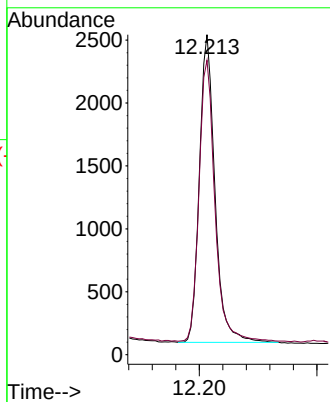
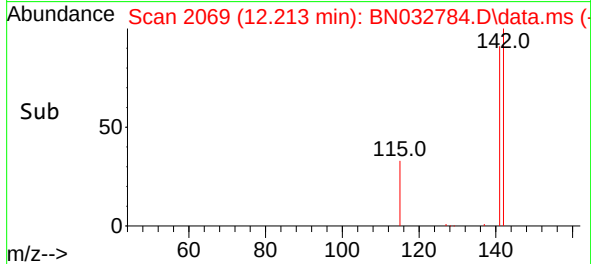
Instrument :
BNA_N
ClientSampleId :
A4D13DL



Tgt Ion:142 Resp: 448
Ion Ratio Lower Upper
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141 93.2 75.0 112.4

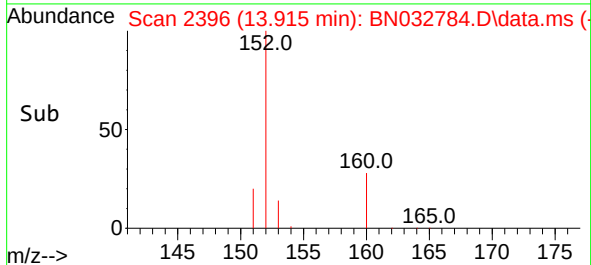
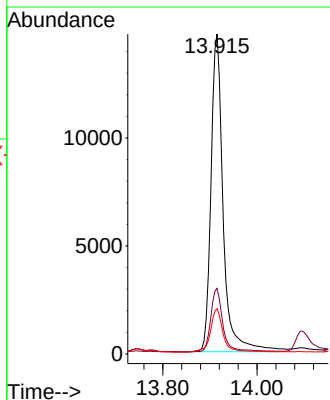
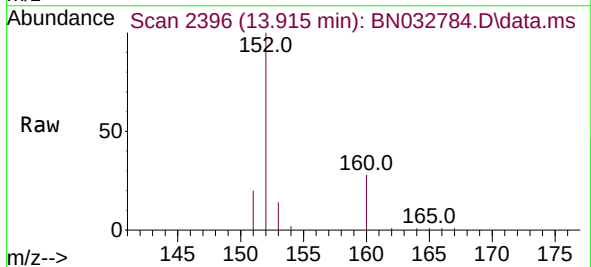
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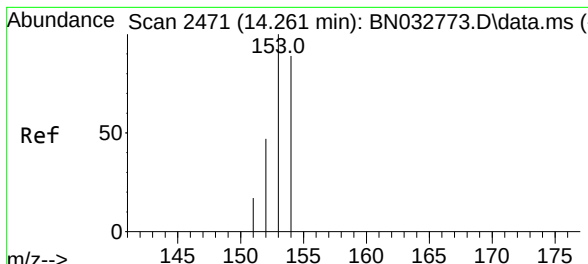
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.742 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BN032784.D
Acq: 17 Jul 2024 17:50

Tgt Ion:152 Resp: 26365
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.2 11.3 16.9





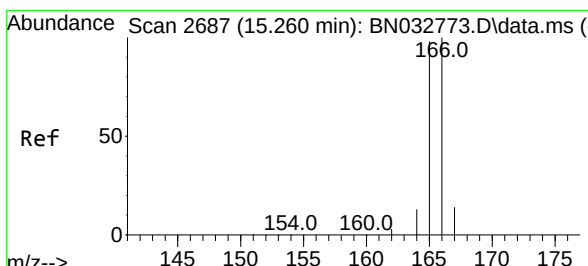
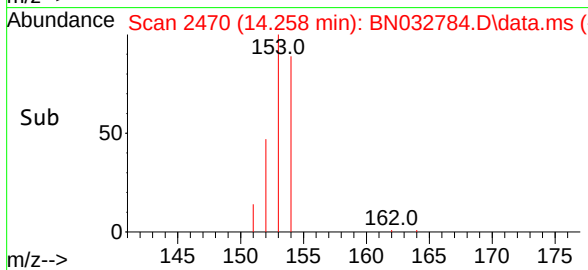
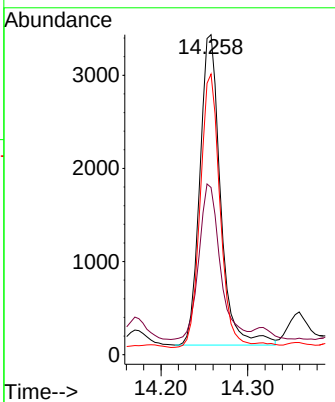
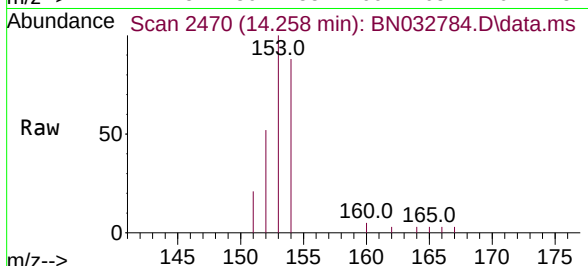
#11
 Acenaphthene
 Concen: 0.188 ng/u1
 RT: 14.258 min Scan# 2470
 Delta R.T. -0.000 min
 Lab File: BN032784.D
 Acq: 17 Jul 2024 17:50

Instrument : BNA_N
 ClientSampleId : A4D13DL

Tgt Ion:153	Resp:	552
Ion Ratio	Lower	Upper
153	100	
152	52.3	40.0 60.0
154	87.7	70.2 105.4

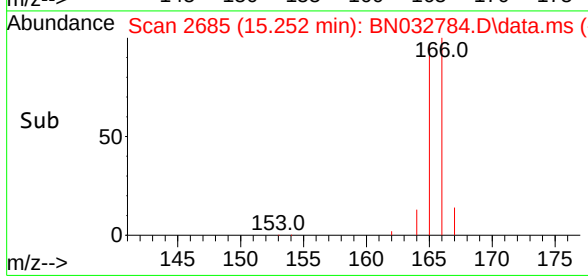
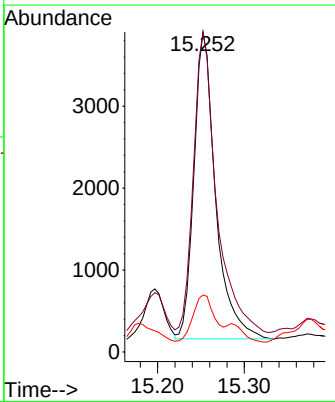
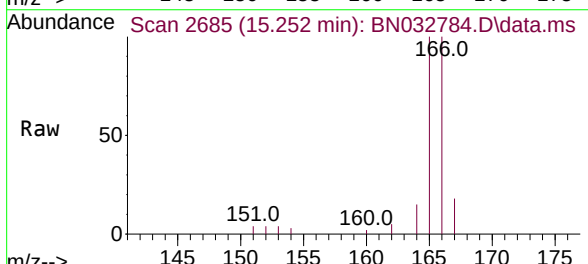
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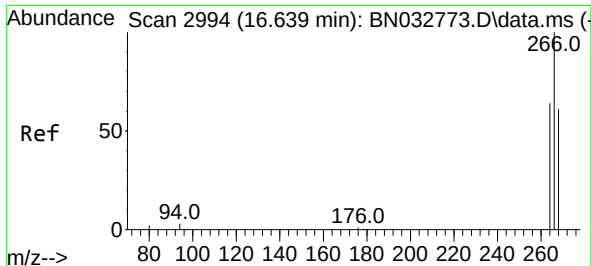
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#12
 Fluorene
 Concen: 0.193 ng/u1
 RT: 15.252 min Scan# 2685
 Delta R.T. -0.014 min
 Lab File: BN032784.D
 Acq: 17 Jul 2024 17:50

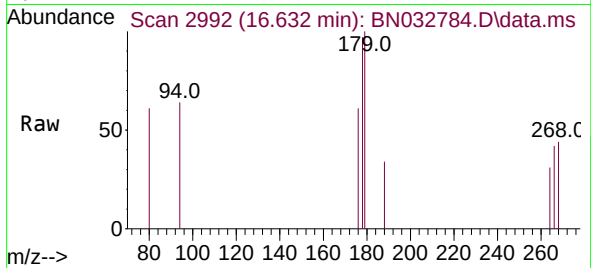
Tgt Ion:166	Resp:	6496
Ion Ratio	Lower	Upper
166	100	
165	100.1	79.7 119.5
167	17.8	11.4 17.2





#14
 Pentachlorophenol
 Concen: 0.028 ng/ul
 RT: 16.632 min Scan# 2994
 Delta R.T. -0.017 min
 Lab File: BN032784.D
 Acq: 17 Jul 2024 17:50

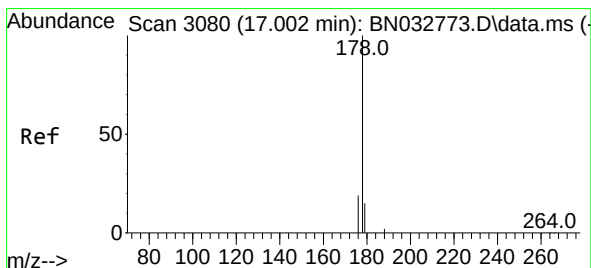
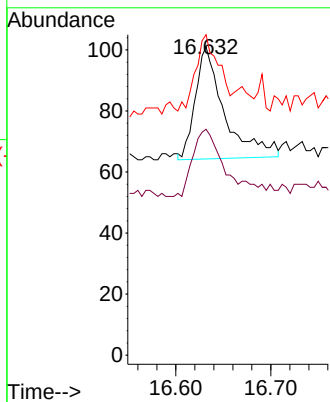
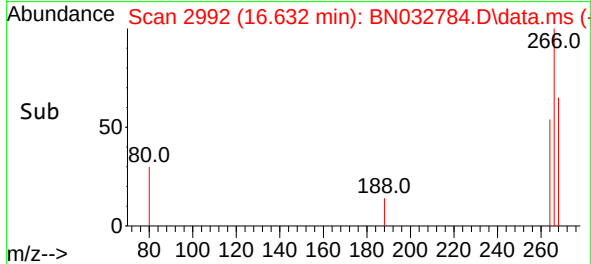
Instrument :
 BNA_N
 ClientSampleId :
 A4D13DL



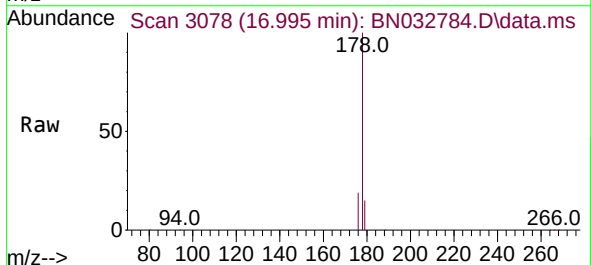
Tgt Ion:266 Resp: 78
 Ion Ratio Lower Upper
 266 100
 264 69.2 49.4 74.2
 268 56.4 51.6 77.4

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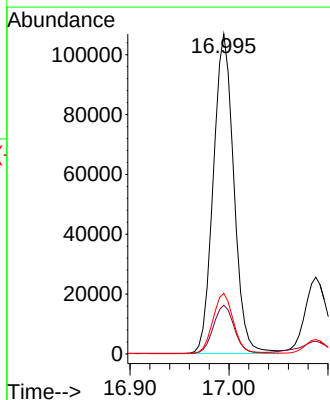
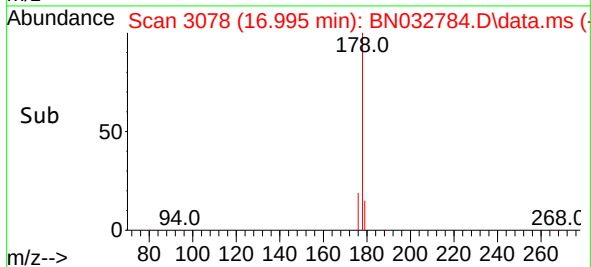
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

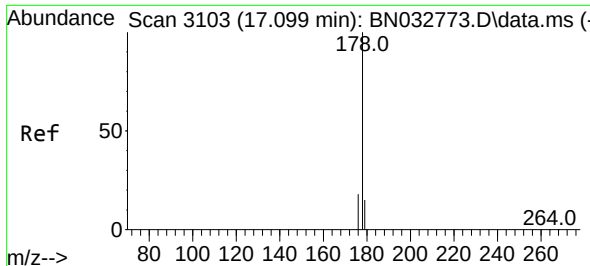


#15
 Phenanthrene
 Concen: 3.573 ng/ul
 RT: 16.995 min Scan# 3078
 Delta R.T. -0.013 min
 Lab File: BN032784.D
 Acq: 17 Jul 2024 17:50



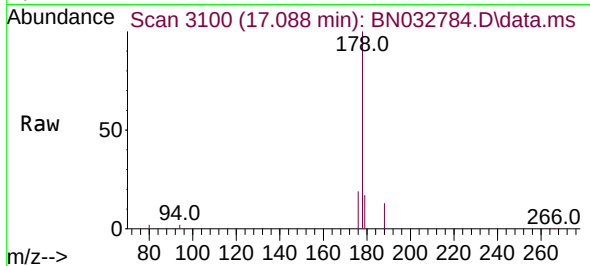
Tgt Ion:178 Resp: 153404
 Ion Ratio Lower Upper
 178 100
 179 15.3 13.0 19.4
 176 18.9 15.6 23.4





#16
Anthracene
Concen: 1.184 ng/ul
RT: 17.088 min Scan# 3103
Delta R.T. -0.017 min
Lab File: BN032784.D
Acq: 17 Jul 2024 17:50

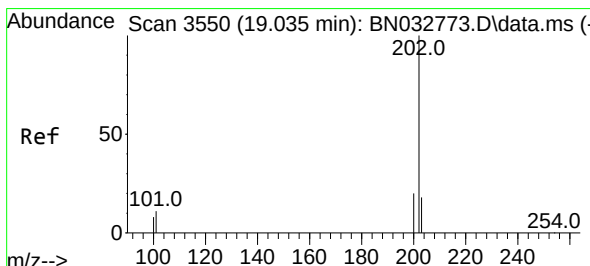
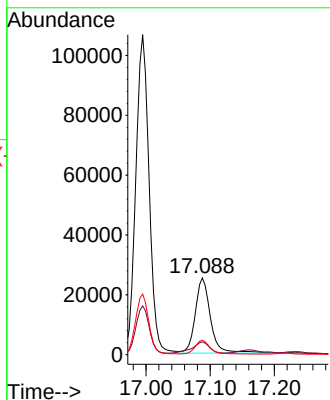
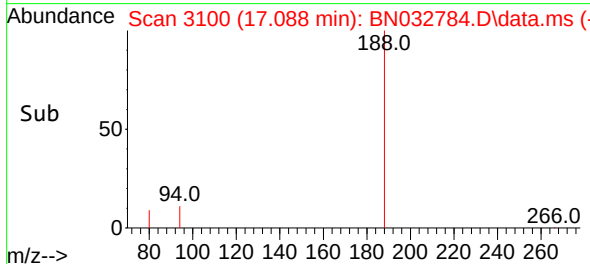
Instrument :
BNA_N
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A4D13DL



Tgt Ion:178 Resp: 41538
Ion Ratio Lower Upper
178 100
179 16.7 13.4 20.2
176 18.6 15.4 23.0

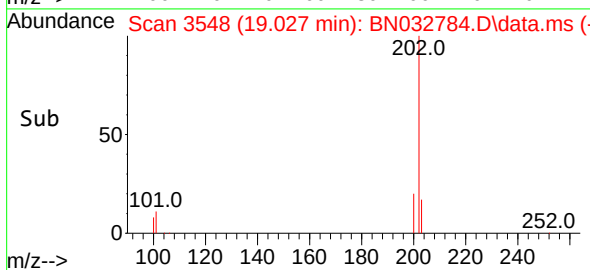
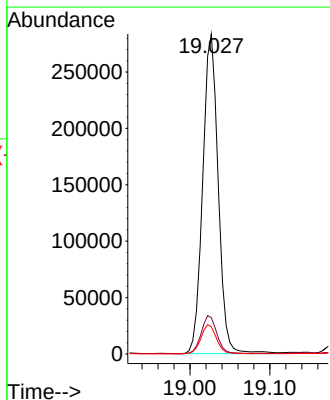
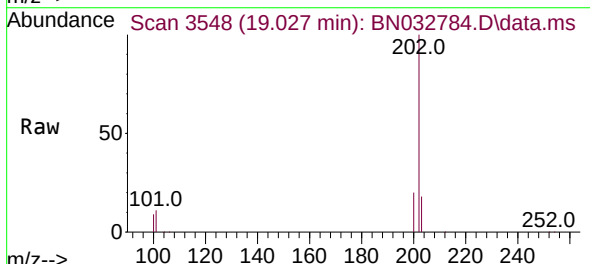
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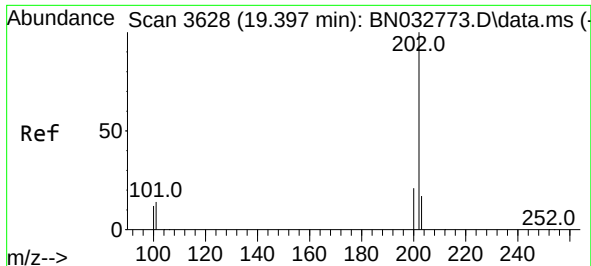
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#19
Fluoranthene
Concen: 6.480 ng/ul
RT: 19.027 min Scan# 3548
Delta R.T. -0.005 min
Lab File: BN032784.D
Acq: 17 Jul 2024 17:50

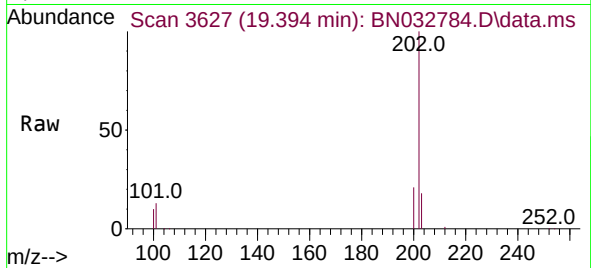
Tgt Ion:202 Resp: 380727
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 8.5 7.9 11.9





#20
Pyrene
Concen: 4.339 ng/ul
RT: 19.394 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN032784.D
Acq: 17 Jul 2024 17:50

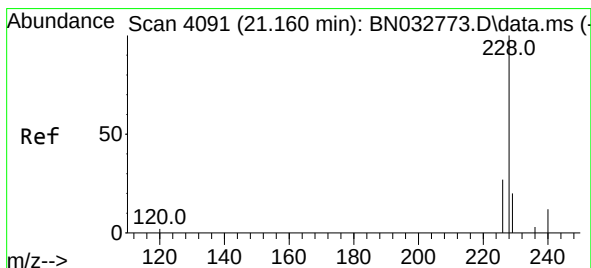
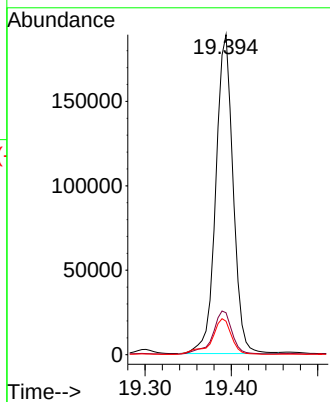
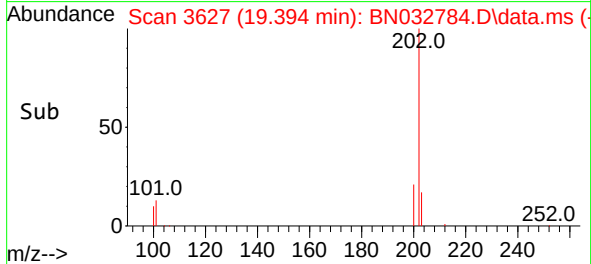
Instrument :
BNA_N
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A4D13DL



Tgt Ion:202 Resp: 263870
Ion Ratio Lower Upper
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101 13.1 11.8 17.6
100 10.4 9.6 14.4

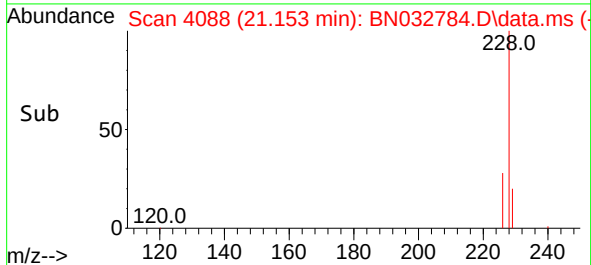
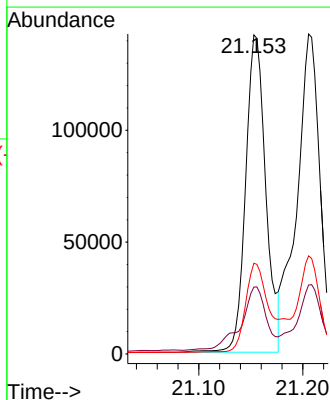
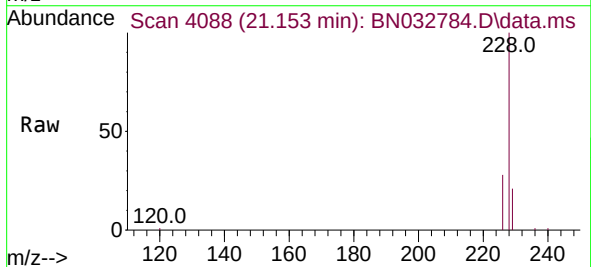
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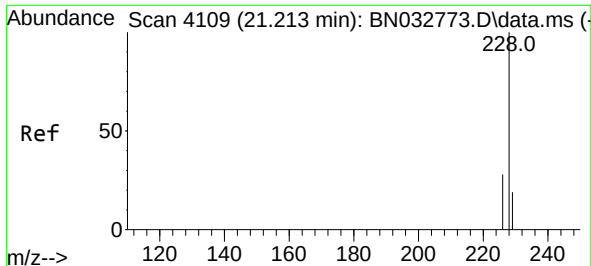
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#21
Benzo(a)anthracene
Concen: 4.157 ng/ul
RT: 21.153 min Scan# 4088
Delta R.T. -0.006 min
Lab File: BN032784.D
Acq: 17 Jul 2024 17:50

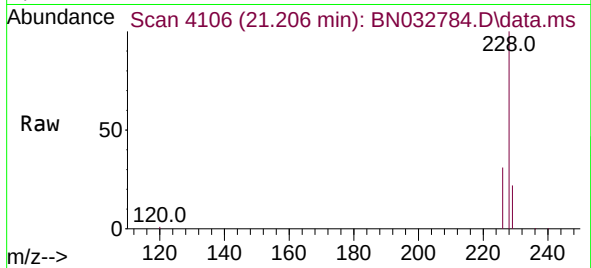
Tgt Ion:228 Resp: 191223
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 28.5 21.9 32.9





#22
Chrysene
Concen: 3.321 ng/ul
RT: 21.206 min Scan# 4109
Delta R.T. -0.006 min
Lab File: BN032784.D
Acq: 17 Jul 2024 17:50

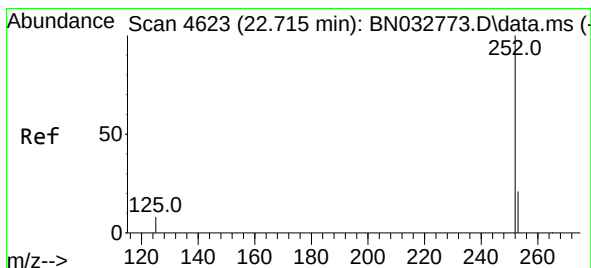
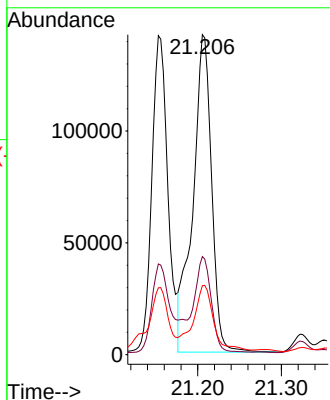
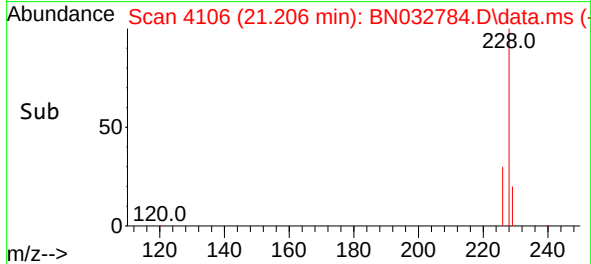
Instrument :
BNA_N
ClientSampleId :
A4D13DL



Tgt Ion:228 Resp: 220970
Ion Ratio Lower Upper
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226 30.7 24.0 36.0
229 21.6 15.8 23.6

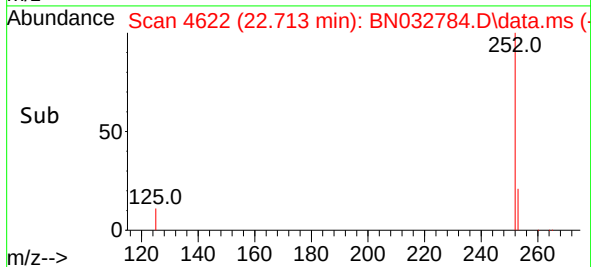
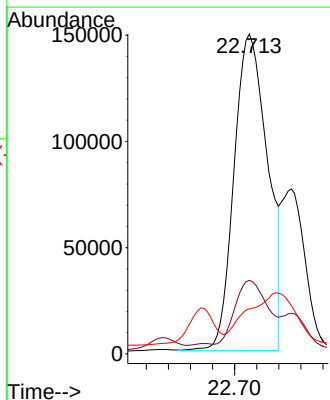
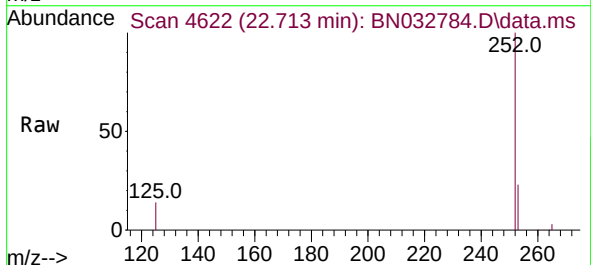
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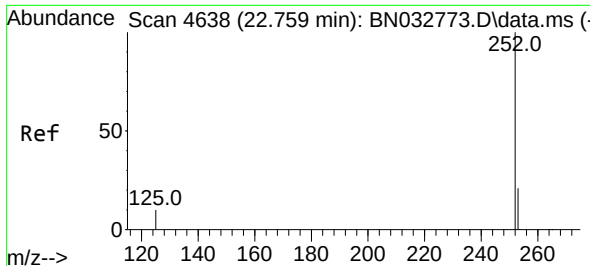
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#24
Benzo(b)fluoranthene
Concen: 5.085 ng/ul m
RT: 22.713 min Scan# 4622
Delta R.T. 0.003 min
Lab File: BN032784.D
Acq: 17 Jul 2024 17:50

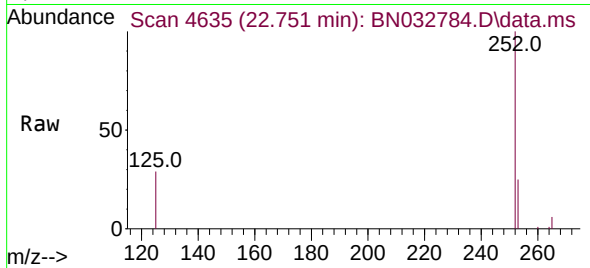
Tgt Ion:252 Resp: 315473
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 14.1 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 1.501 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.003 min
Lab File: BN032784.D
Acq: 17 Jul 2024 17:50

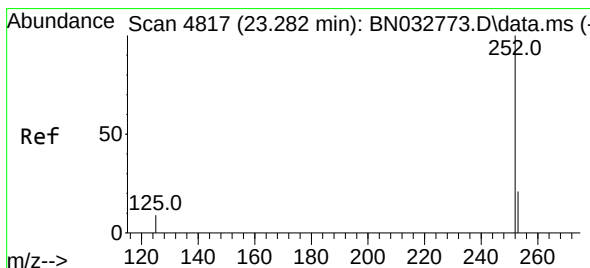
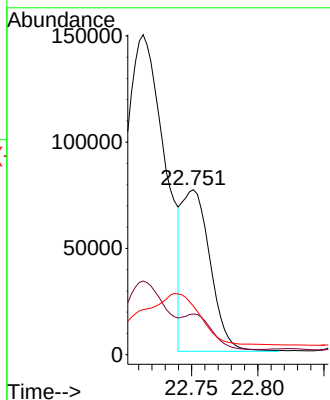
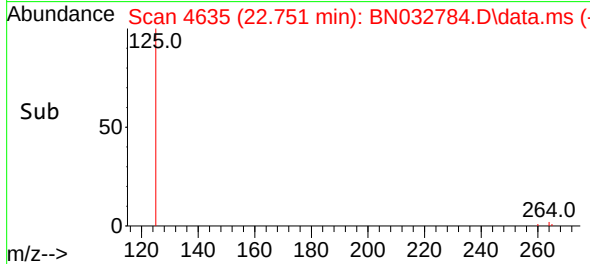
Instrument :
BNA_N
ClientSampleId :
A4D13DL



Tgt Ion:252 Resp: 113514
Ion Ratio Lower Upper
252 100
253 24.7 21.2 31.8
125 29.4 14.8 22.2

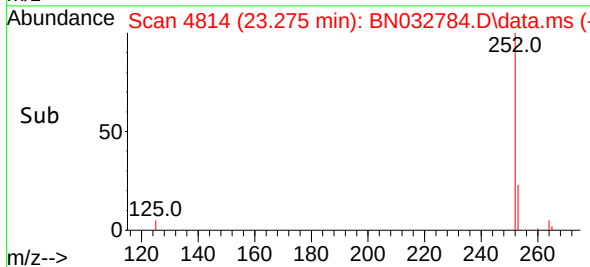
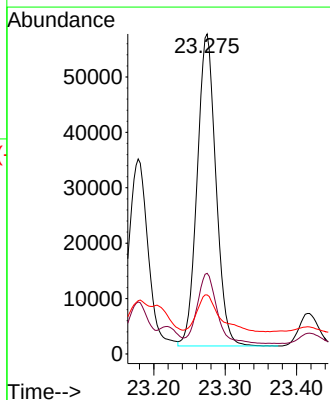
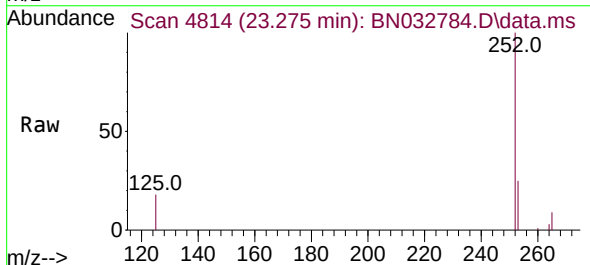
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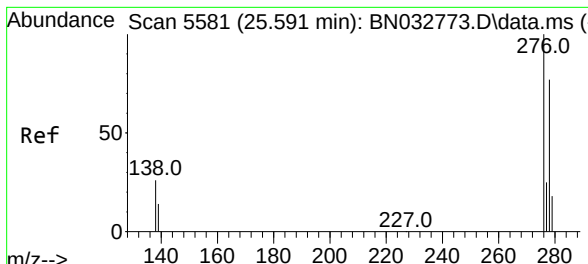
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#26
Benzo(a)pyrene
Concen: 1.917 ng/ul
RT: 23.275 min Scan# 4814
Delta R.T. -0.003 min
Lab File: BN032784.D
Acq: 17 Jul 2024 17:50

Tgt Ion:252 Resp: 102948
Ion Ratio Lower Upper
252 100
253 25.2 25.4 38.0#
125 18.5 20.6 30.8#





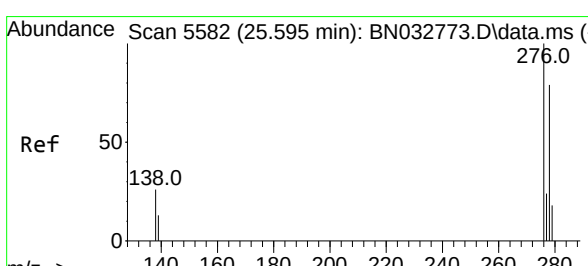
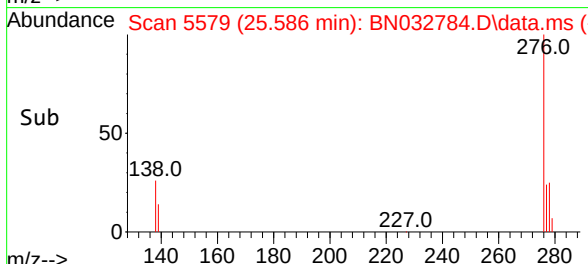
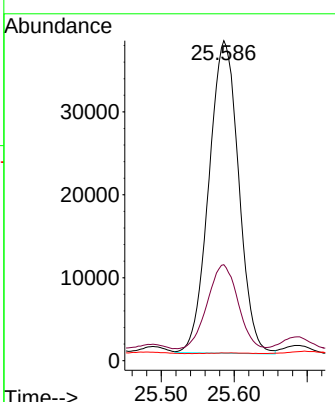
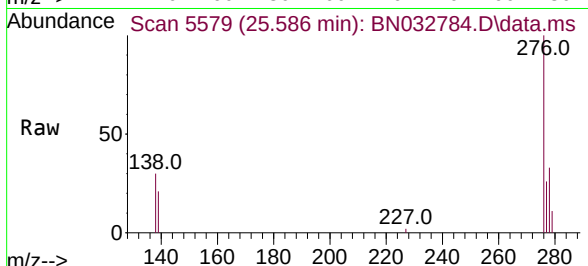
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.472 ng/ul
 RT: 25.586 min Scan# 5579
 Delta R.T. 0.003 min
 Lab File: BN032784.D
 Acq: 17 Jul 2024 17:50

Instrument : BNA_N
 ClientSampleId : A4D13DL

Tgt Ion: 276 Resp: 107000

Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.6	32.4
227	0.2	0.0	0.0

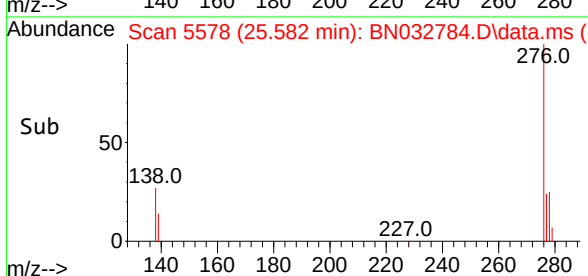
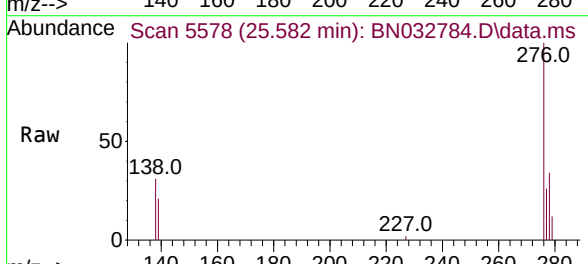
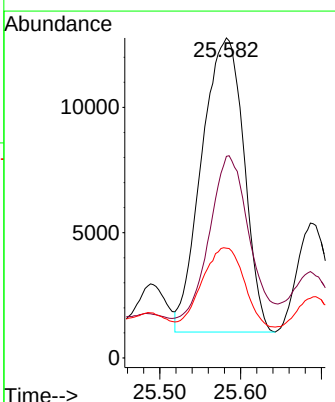
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 Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

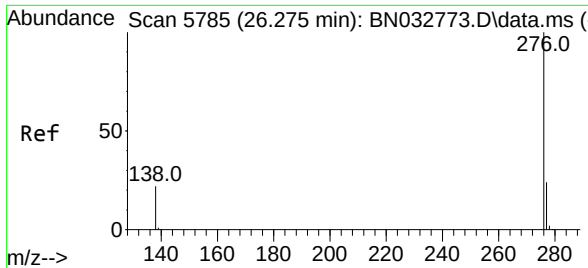


#28
 Dibenzo(a,h)anthracene
 Concen: 0.757 ng/ul
 RT: 25.582 min Scan# 5578
 Delta R.T. -0.007 min
 Lab File: BN032784.D
 Acq: 17 Jul 2024 17:50

Tgt Ion: 278 Resp: 42657

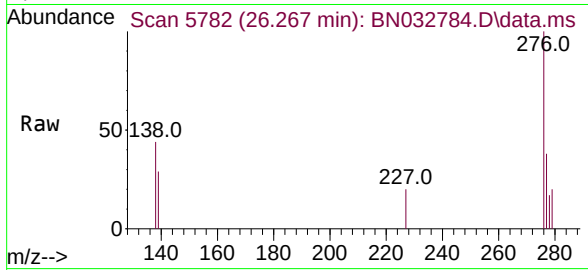
Ion	Ratio	Lower	Upper
278	100		
139	63.0	16.6	24.8
279	34.3	23.7	35.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.251 ng/ul
 RT: 26.267 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: BN032784.D
 Acq: 17 Jul 2024 17:50

Instrument :
 BNA_N
 ClientSampleId :
 A4D13DL



Tgt Ion: 276 Resp: 1525

Ion	Ratio	Lower	Upper
276	100		
138	44.0	21.0	31.4
277	37.7	20.6	31.0

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

