

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032759.D
 Acq On : 17 Jul 2024 02:44
 Operator : MA/JU
 Sample : P3100-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX0

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 03:29:36 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	5155	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.310	136	18266	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	9748	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	18862	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	15248	0.400	ng/ul	-0.01
23) Perylene-d12	23.351	264	19522m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	13761	2.223	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	3082	0.112	ng/ul	-0.02
18) Fluoranthene-d10	18.990	212	7173	0.144	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.360	128	7786	0.159	ng/ul	99
7) 2-Methylnaphthalene	11.993	142	2641	0.086	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	2240	0.071	ng/ul	98
10) Acenaphthylene	13.911	152	17406	0.442	ng/ul	99
11) Acenaphthene	14.253	153	11302	0.347	ng/ul	99
12) Fluorene	15.248	166	13423	0.361	ng/ul	100
14) Pentachlorophenol	16.628	266	142	0.043	ng/ul#	81
15) Phenanthrene	16.991	178	290954	5.664	ng/ul	98
16) Anthracene	17.084	178	55422	1.321	ng/ul	99
19) Fluoranthene	19.018	202	713004	11.501	ng/ul	99
20) Pyrene	19.385	202	620231	9.665	ng/ul	98
21) Benzo(a)anthracene	21.144	228	274827	5.662	ng/ul	98
22) Chrysene	21.197	228	331016	4.714	ng/ul	98
24) Benzo(b)fluoranthene	22.696	252	565520m	8.210	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	189888m	2.262	ng/ul	
26) Benzo(a)pyrene	23.257	252	363453	6.097	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.559	276	298292	3.696	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.556	278	68160	1.089	ng/ul	98
29) Benzo(g,h,i)perylene	26.233	276	291940	4.328	ng/ul	97

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

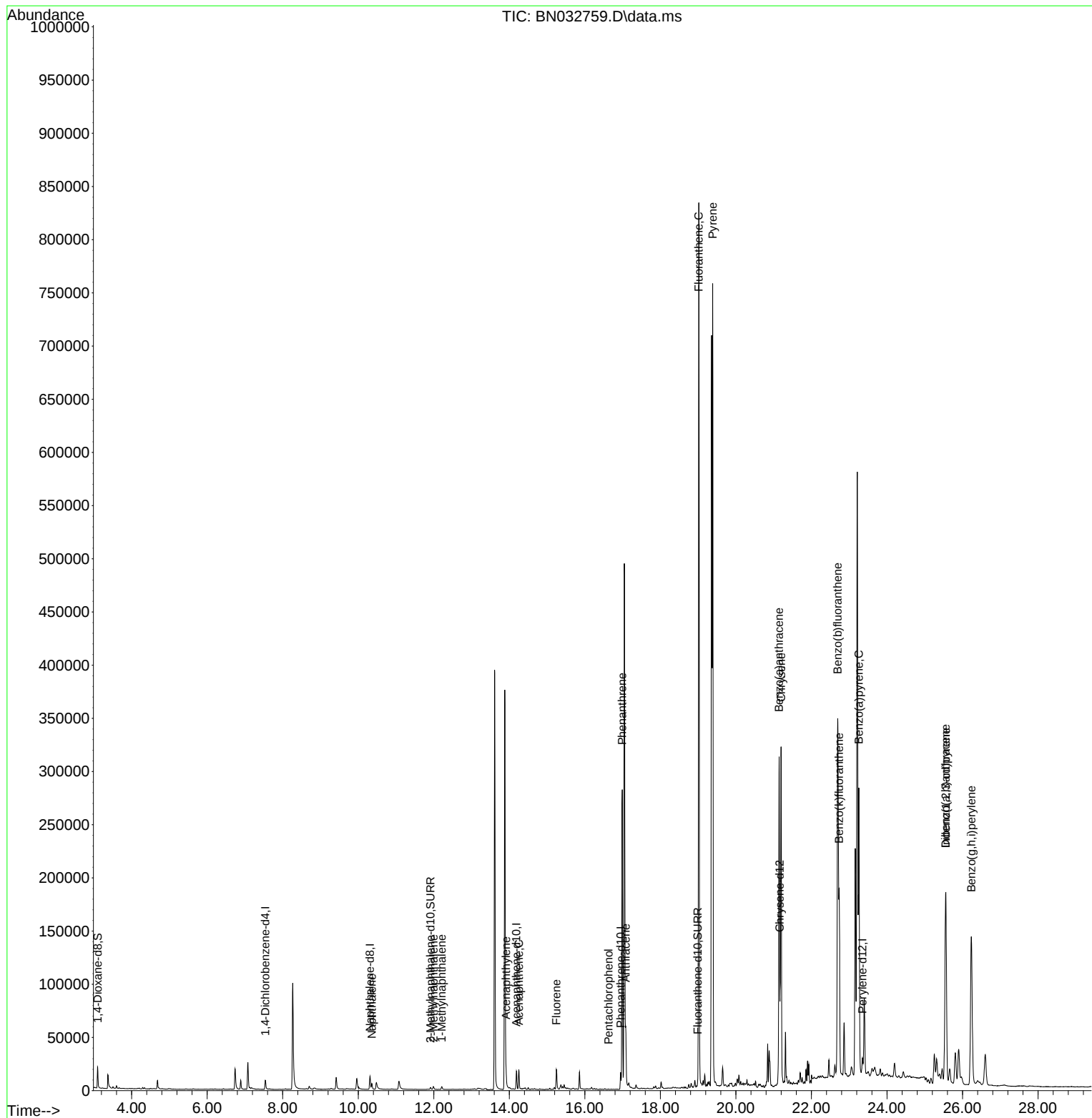
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032759.D
Acq On : 17 Jul 2024 02:44
Operator : MA/JU
Sample : P3100-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

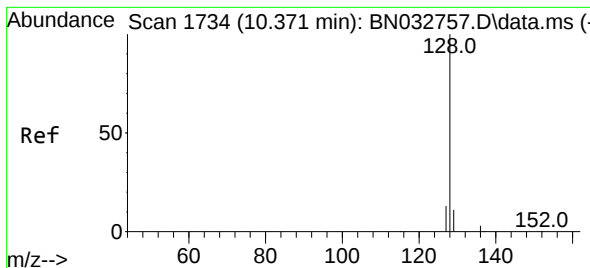
Instrument :
BNA_N
ClientSampleId :
A4BX0

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Supervised By :mohammad ahmed 07/19/2024

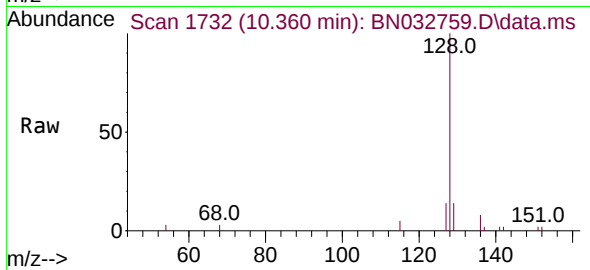
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.159 ng/ul
RT: 10.360 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032759.D
Acq: 17 Jul 2024 02:44

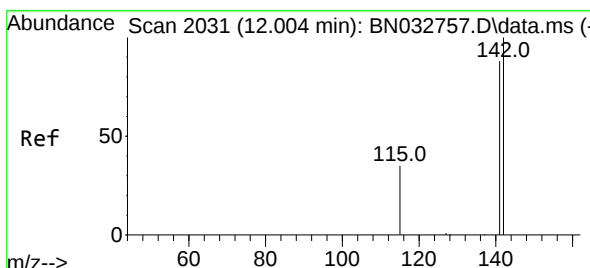
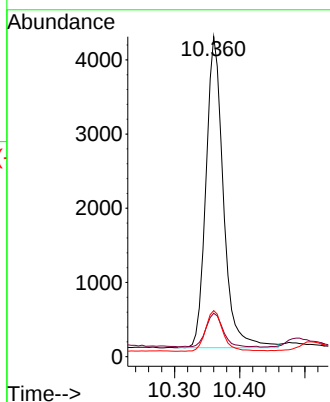
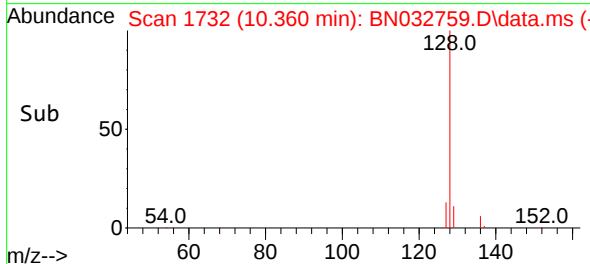
Instrument :
BNA_N
ClientSampleId :
A4BX0



Tgt Ion:128 Resp: 7780
Ion Ratio Lower Upper
128 100
129 13.6 10.0 15.0
127 14.4 11.6 17.4

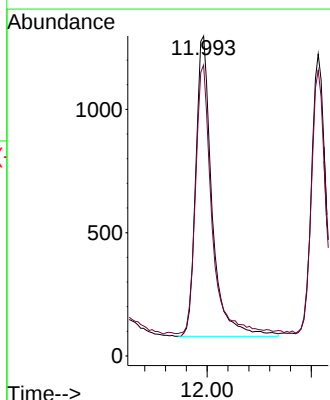
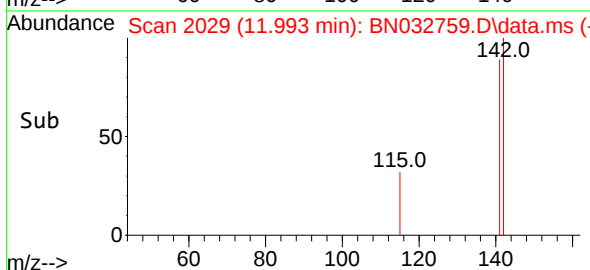
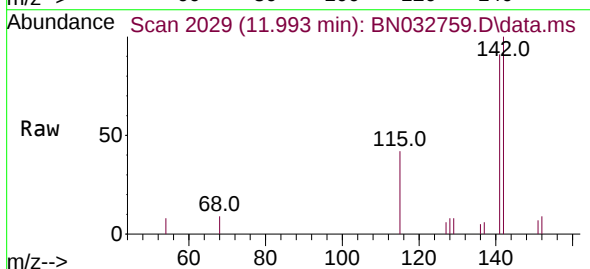
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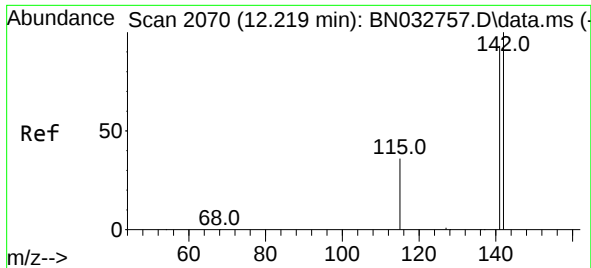
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 11.993 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BN032759.D
Acq: 17 Jul 2024 02:44

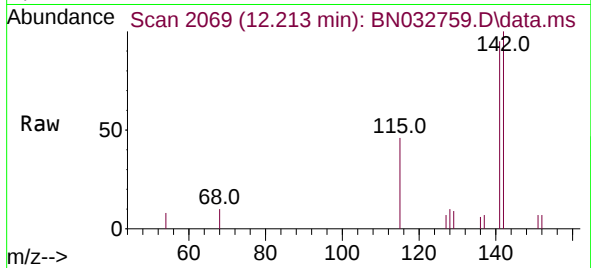
Tgt Ion:142 Resp: 2641
Ion Ratio Lower Upper
142 100
141 89.8 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.213 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN032759.D
Acq: 17 Jul 2024 02:44

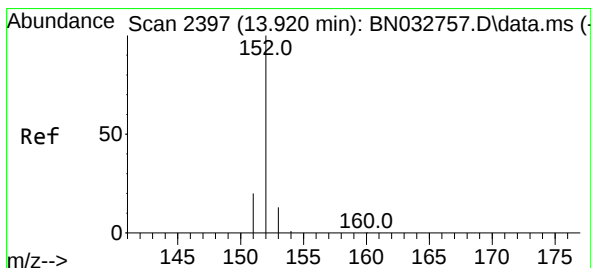
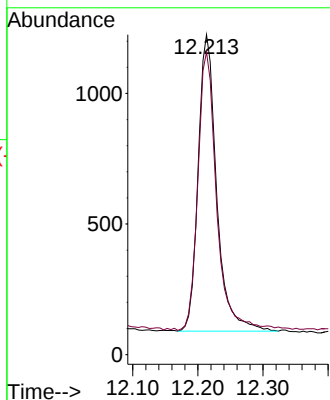
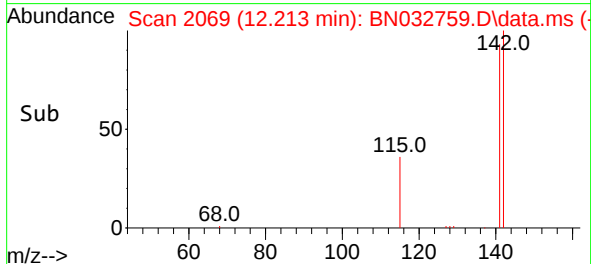
Instrument :
BNA_N
ClientSampleId :
A4BX0



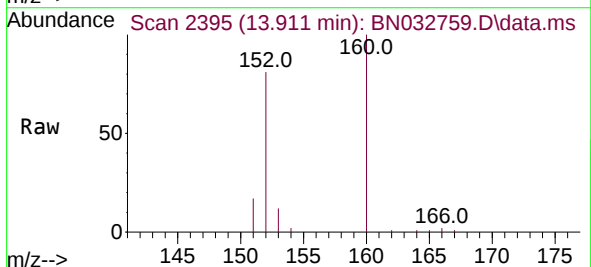
Tgt Ion:142 Resp: 2240
Ion Ratio Lower Upper
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141 95.5 75.0 112.4

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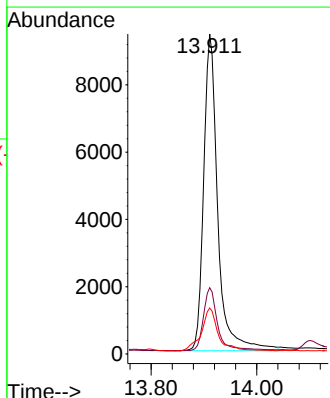
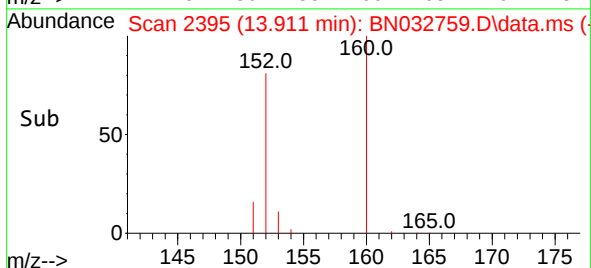
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

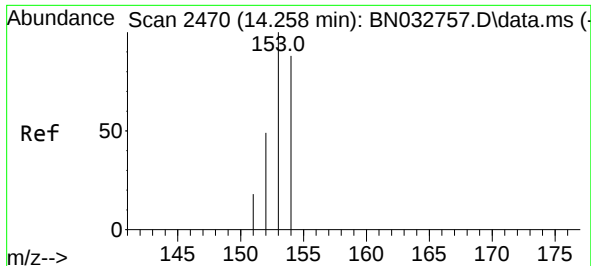


#10
Acenaphthylene
Concen: 0.442 ng/ul
RT: 13.911 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BN032759.D
Acq: 17 Jul 2024 02:44



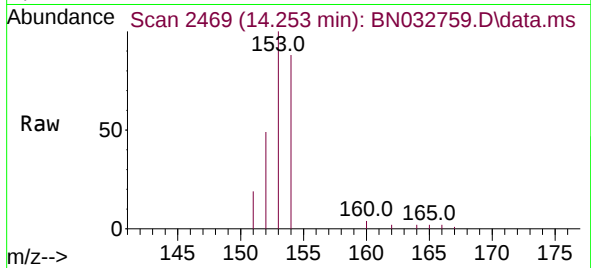
Tgt Ion:152 Resp: 17406
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.3 11.3 16.9





#11
Acenaphthene
Concen: 0.347 ng/ul
RT: 14.253 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN032759.D
Acq: 17 Jul 2024 02:44

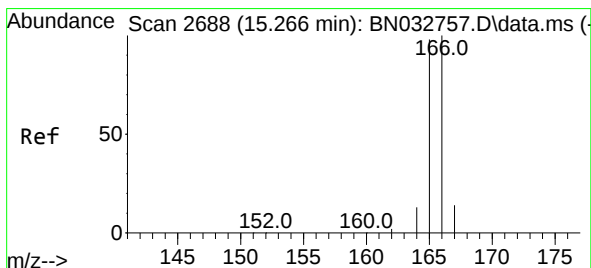
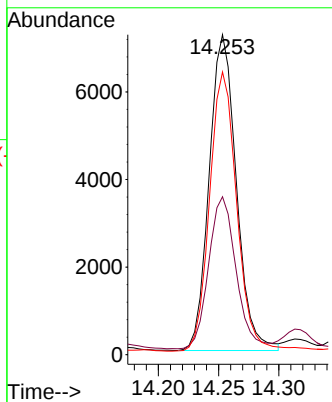
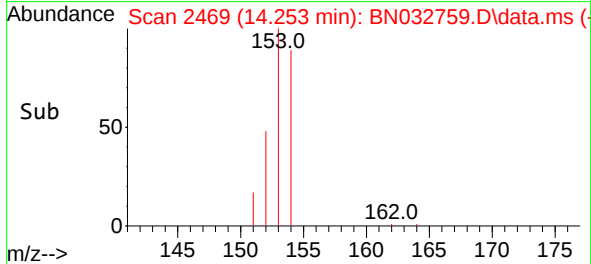
Instrument :
BNA_N
ClientSampleId :
A4BX0



Tgt Ion:153 Resp: 11302
Ion Ratio Lower Upper
153 100
152 49.4 40.0 60.0
154 88.4 70.2 105.4

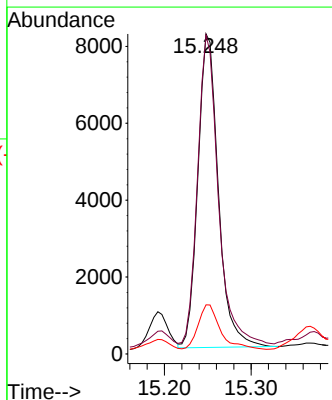
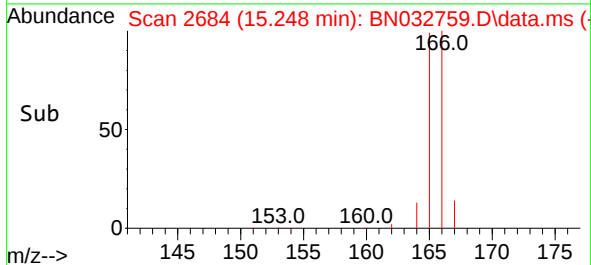
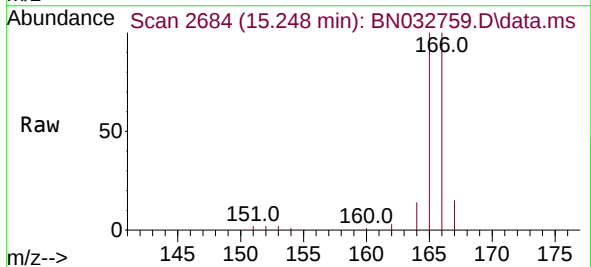
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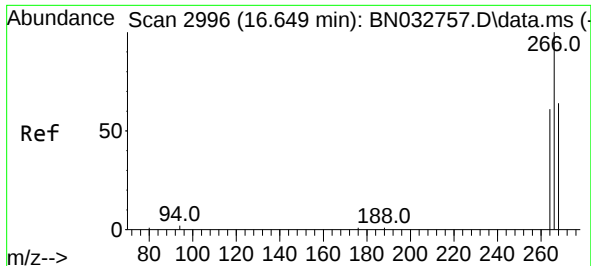
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.248 min Scan# 2684
Delta R.T. -0.018 min
Lab File: BN032759.D
Acq: 17 Jul 2024 02:44

Tgt Ion:166 Resp: 13423
Ion Ratio Lower Upper
166 100
165 99.7 79.7 119.5
167 15.3 11.4 17.2





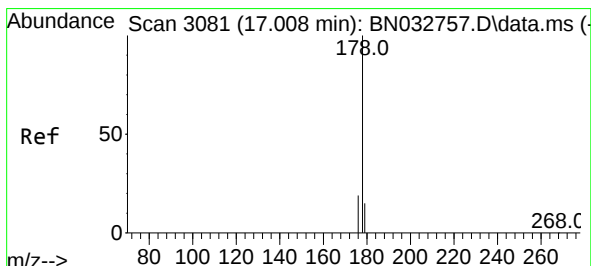
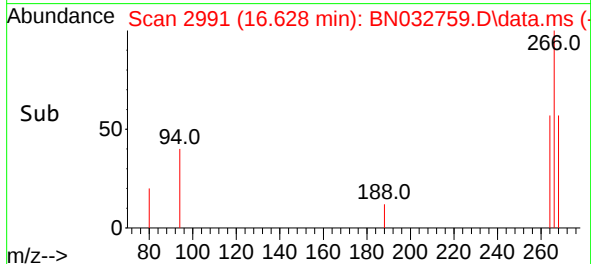
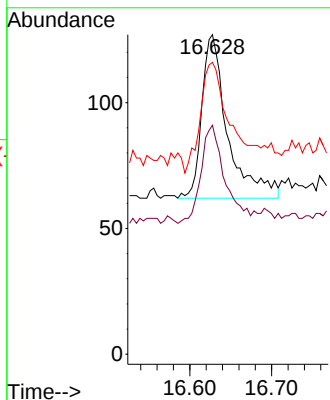
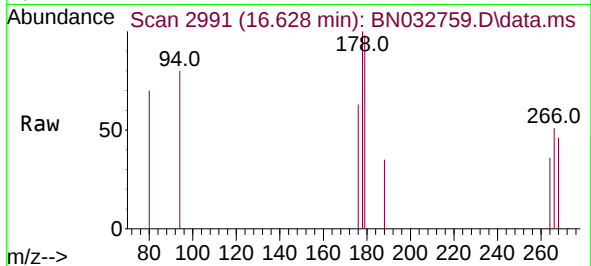
#14
Pentachlorophenol
Concen: 0.043 ng/ul
RT: 16.628 min Scan# 2996
Delta R.T. -0.021 min
Lab File: BN032759.D
Acq: 17 Jul 2024 02:44

Instrument :
BNA_N
ClientSampleId :
A4BX0

Tgt Ion:266 Resp: 142
Ion Ratio Lower Upper
266 100
264 57.7 49.4 74.2
268 90.1 51.6 77.4

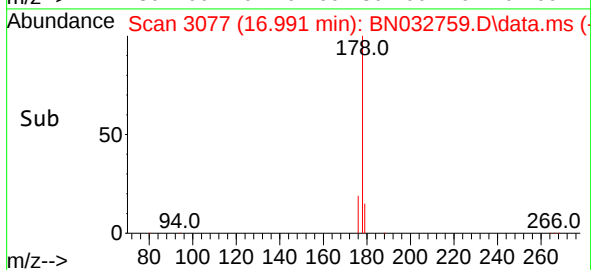
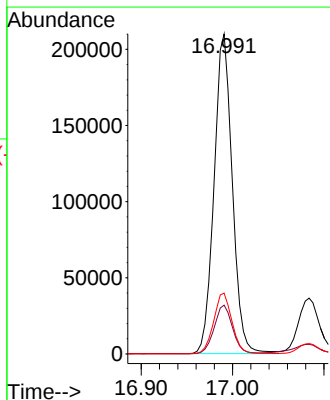
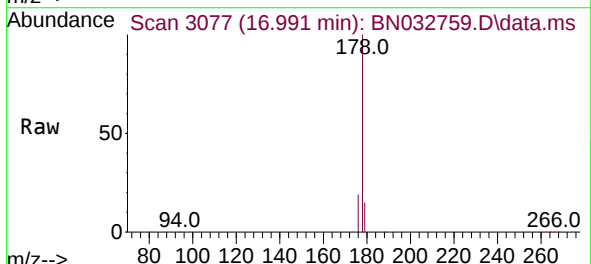
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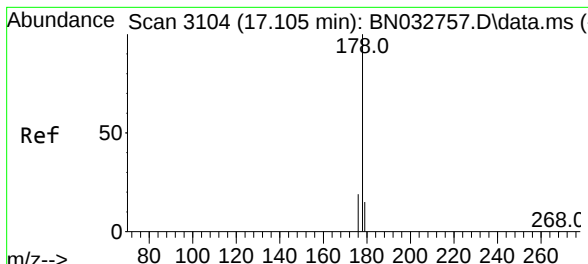
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#15
Phenanthrene
Concen: 5.664 ng/ul
RT: 16.991 min Scan# 3077
Delta R.T. -0.017 min
Lab File: BN032759.D
Acq: 17 Jul 2024 02:44

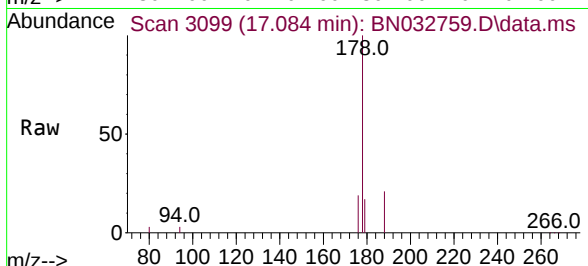
Tgt Ion:178 Resp: 290954
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.0 15.6 23.4





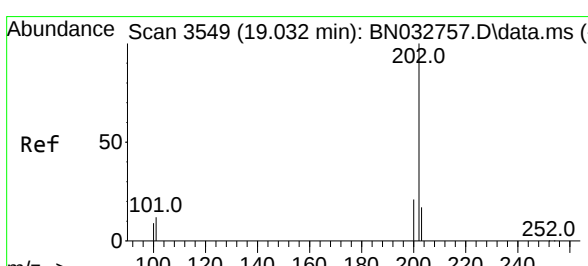
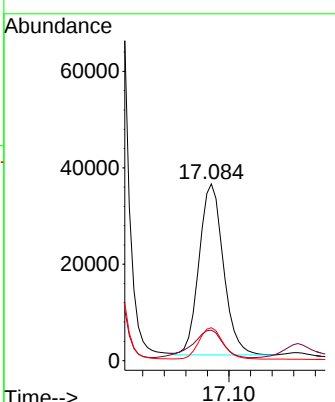
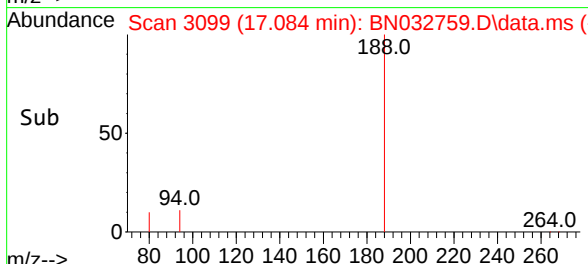
#16
 Anthracene
 Concen: 1.321 ng/ul
 RT: 17.084 min Scan# 3099
 Delta R.T. -0.021 min
 Lab File: BN032759.D
 Acq: 17 Jul 2024 02:44

Instrument : BNA_N
 ClientSampleId : A4BX0



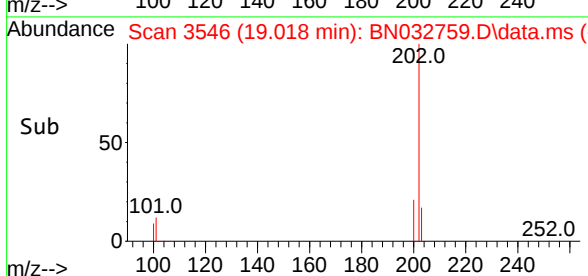
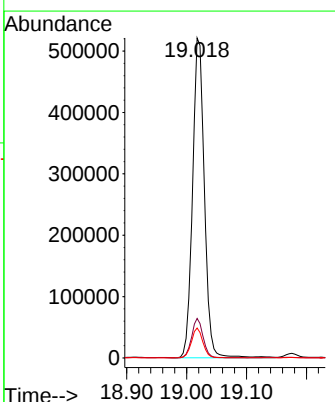
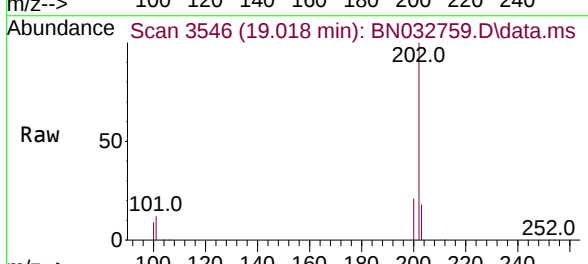
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Ion Ratio	Lower	Upper	
178	100		
179	17.3	13.4	20.2
176	18.6	15.4	23.0

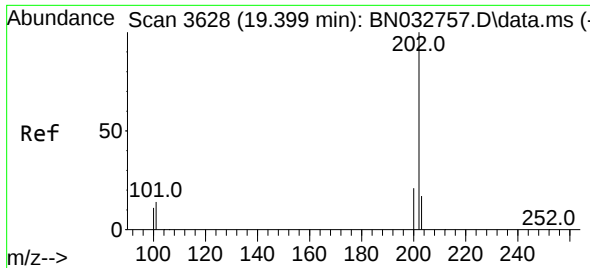
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 Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#19
 Fluoranthene
 Concen: 11.501 ng/ul
 RT: 19.018 min Scan# 3546
 Delta R.T. -0.014 min
 Lab File: BN032759.D
 Acq: 17 Jul 2024 02:44

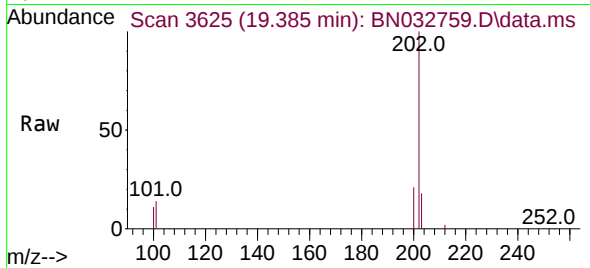
Tgt Ion:	202	Resp:	713004
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.8	14.8
100	9.4	7.9	11.9





#20
Pyrene
Concen: 9.665 ng/u1
RT: 19.385 min Scan# 30
Delta R.T. -0.014 min
Lab File: BN032759.D
Acq: 17 Jul 2024 02:44

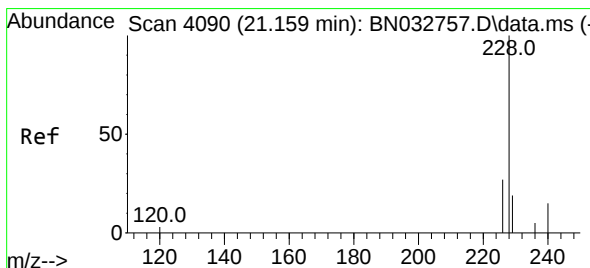
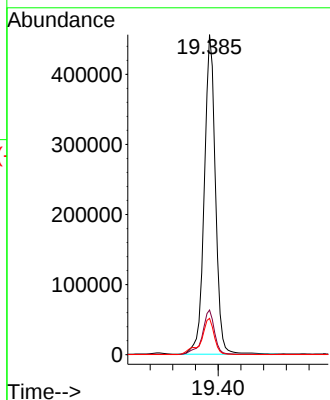
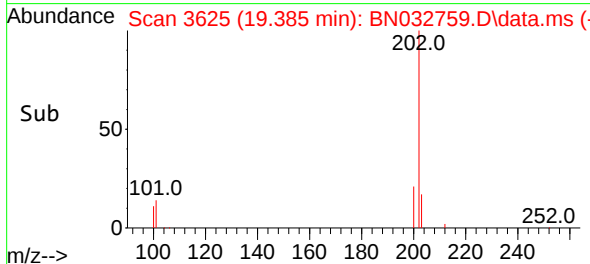
Instrument :
BNA_N
ClientSampleId :
A4BX0



Tgt Ion:202 Resp: 62023
Ion Ratio Lower Upper
202 100
101 14.0 11.8 17.6
100 11.4 9.6 14.4

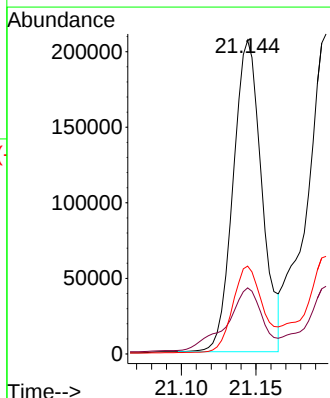
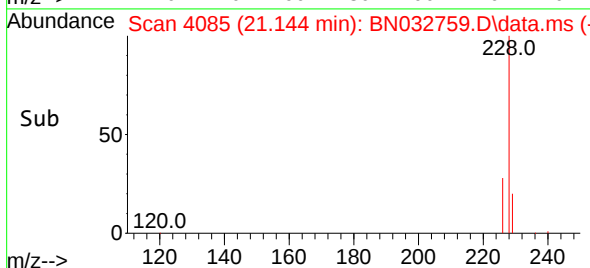
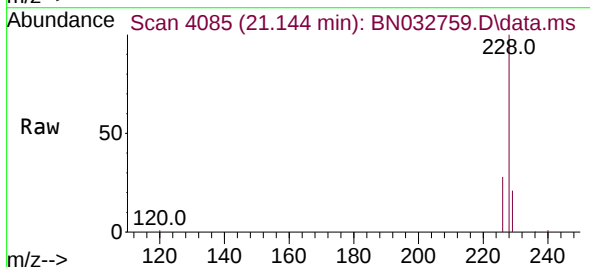
Manual Integrations
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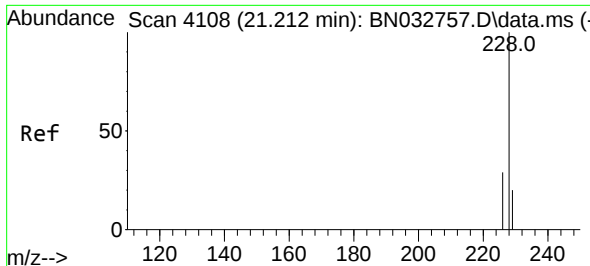
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#21
Benzo(a)anthracene
Concen: 5.662 ng/u1
RT: 21.144 min Scan# 4085
Delta R.T. -0.015 min
Lab File: BN032759.D
Acq: 17 Jul 2024 02:44

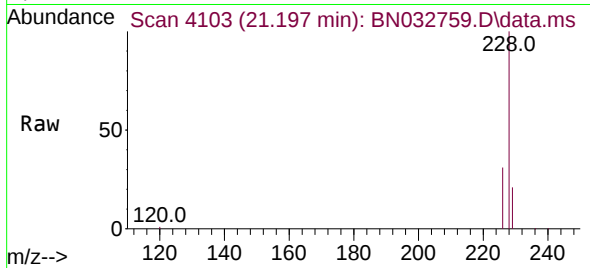
Tgt Ion:228 Resp: 274827
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 28.0 21.9 32.9





#22
Chrysene
Concen: 4.714 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. -0.015 min
Lab File: BN032759.D
Acq: 17 Jul 2024 02:44

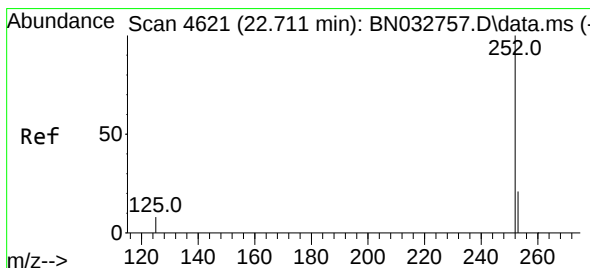
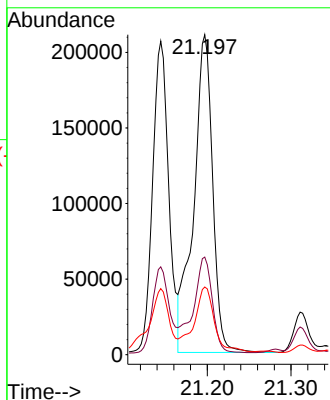
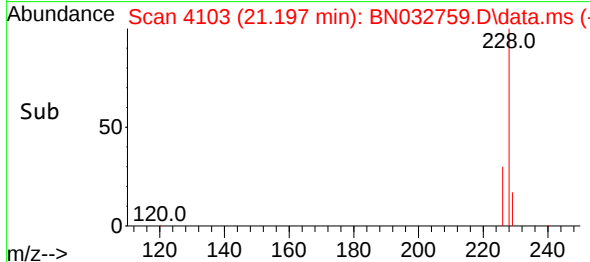
Instrument :
BNA_N
ClientSampleId :
A4BX0



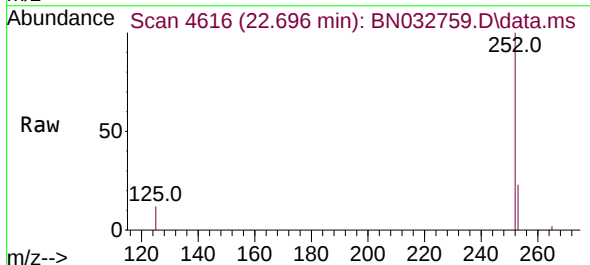
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Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 21.2 15.8 23.6

Manual Integrations
APPROVED

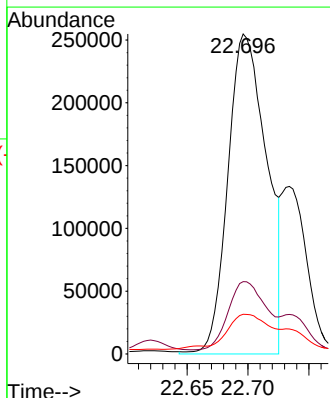
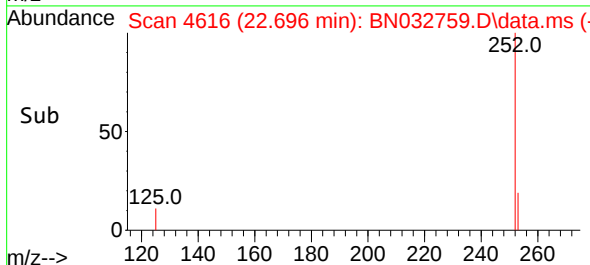
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

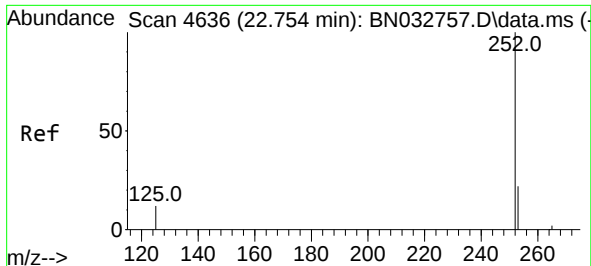


#24
Benzo(b)fluoranthene
Concen: 8.210 ng/ul m
RT: 22.696 min Scan# 4616
Delta R.T. -0.015 min
Lab File: BN032759.D
Acq: 17 Jul 2024 02:44



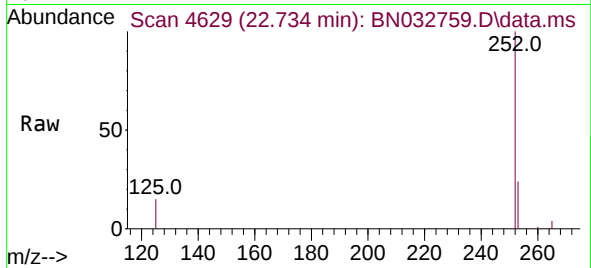
Tgt Ion:252 Resp: 565520
Ion Ratio Lower Upper
252 100
253 22.6 0.0 54.0
125 12.4 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 2.262 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.020 min
Lab File: BN032759.D
Acq: 17 Jul 2024 02:44

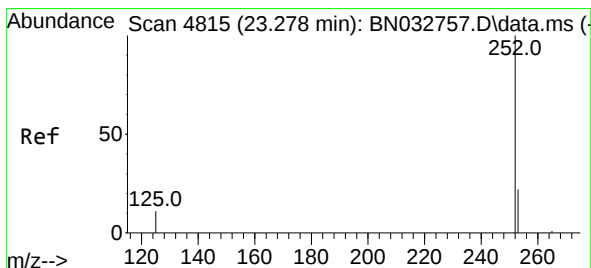
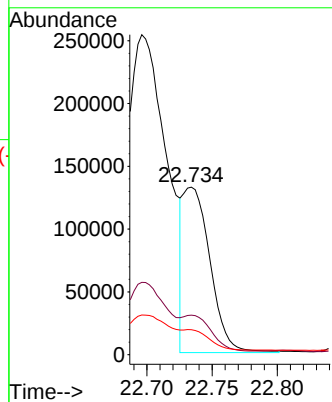
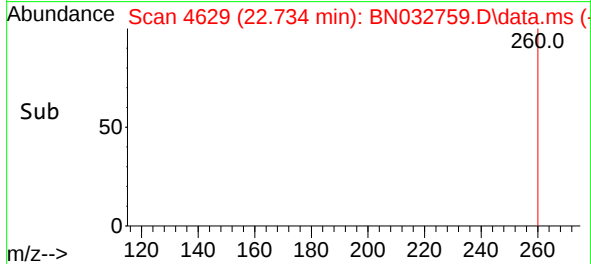
Instrument :
BNA_N
ClientSampleId :
A4BX0



Tgt Ion:252 Resp: 189888
Ion Ratio Lower Upper
252 100
253 23.7 21.2 31.8
125 14.9 14.8 22.2

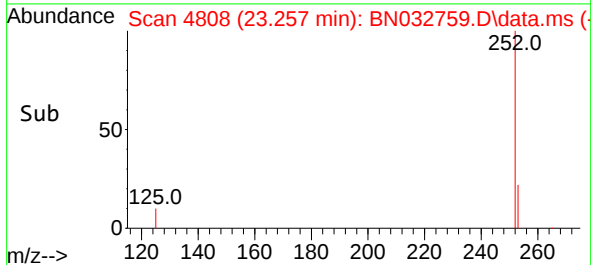
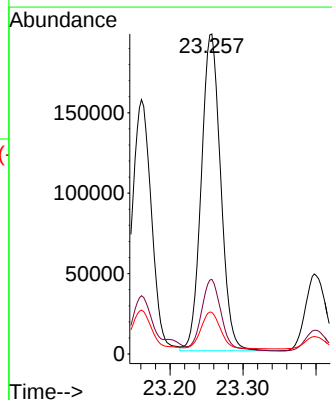
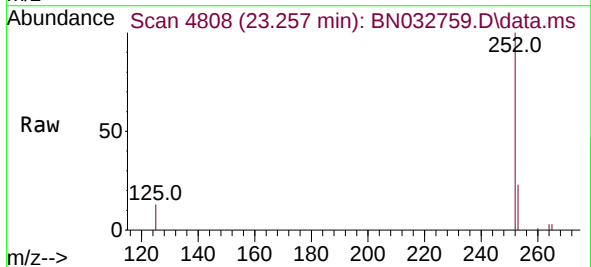
Manual Integrations
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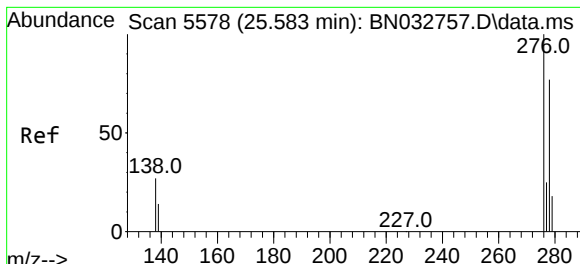
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#26
Benzo(a)pyrene
Concen: 6.097 ng/ul
RT: 23.257 min Scan# 4808
Delta R.T. -0.020 min
Lab File: BN032759.D
Acq: 17 Jul 2024 02:44

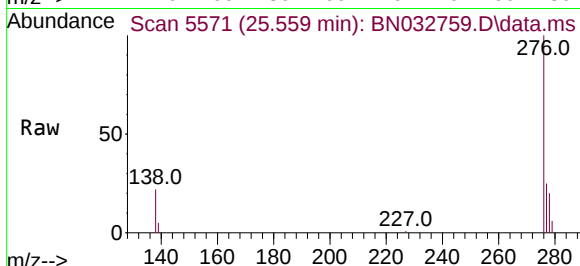
Tgt Ion:252 Resp: 363453
Ion Ratio Lower Upper
252 100
253 23.3 25.4 38.0#
125 13.0 20.6 30.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.696 ng/ul
 RT: 25.559 min Scan# 5570
 Delta R.T. -0.023 min
 Lab File: BN032759.D
 Acq: 17 Jul 2024 02:44

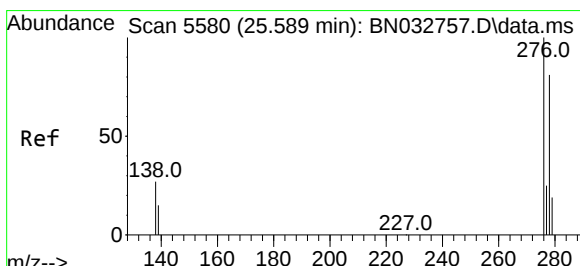
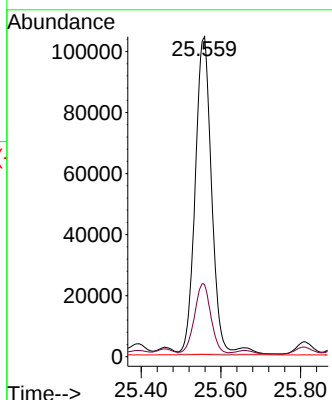
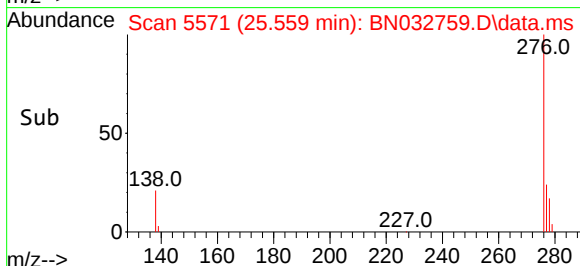
Instrument :
 BNA_N
 ClientSampleId :
 A4BX0



Tgt Ion:276 Resp: 29829
 Ion Ratio Lower Upper
 276 100
 138 21.5 21.6 32.4
 227 0.2 0.0 0.0

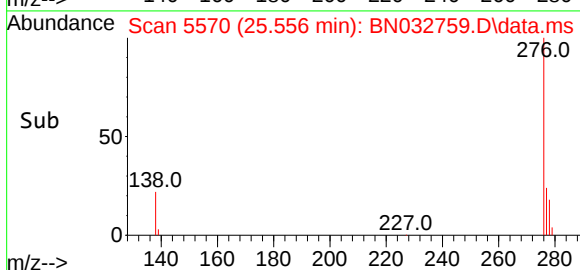
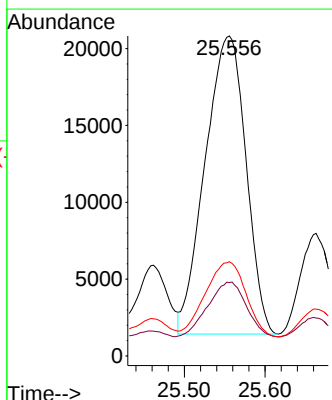
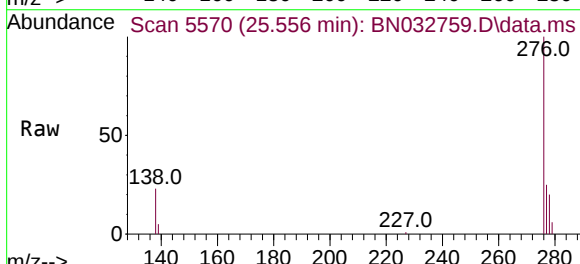
Manual Integrations
 APPROVED

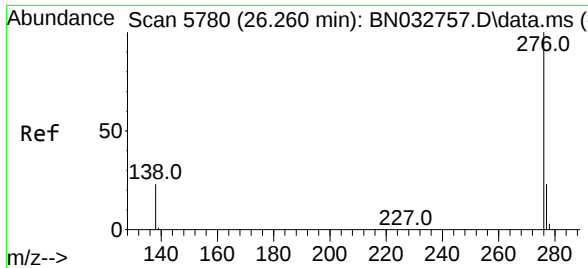
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 1.089 ng/ul
 RT: 25.556 min Scan# 5570
 Delta R.T. -0.034 min
 Lab File: BN032759.D
 Acq: 17 Jul 2024 02:44

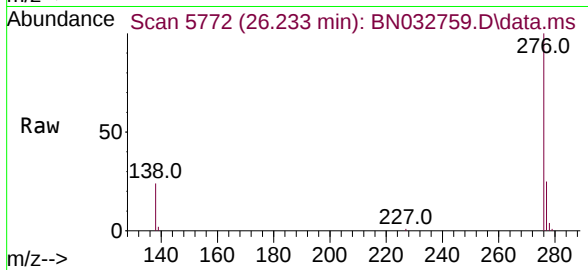
Tgt Ion:278 Resp: 68160
 Ion Ratio Lower Upper
 278 100
 139 23.0 16.6 24.8
 279 29.5 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 4.328 ng/ul
 RT: 26.233 min Scan# 51
 Delta R.T. -0.027 min
 Lab File: BN032759.D
 Acq: 17 Jul 2024 02:44

Instrument :
 BNA_N
 ClientSampleId :
 A4BX0



Tgt Ion: 276 Resp: 291940

Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.0	31.4
277	24.8	20.6	31.0

Manual Integrations
 APPROVED

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

