

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032753.D
 Acq On : 16 Jul 2024 22:31
 Operator : MA/JU
 Sample : P3177-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX3

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 23:55:45 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	7.544	152	4627	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.310	136	15043	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.193	164	8701	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.949	188	18903m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.162	240	15412m	0.400	ng/ul	-0.03
23) Perylene-d12	23.357	264	20331m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	12941	2.329	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	2938	0.129	ng/ul	-0.05
18) Fluoranthene-d10	18.990	212	8372m	0.167	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.360	128	51769	1.282	ng/ul	97
7) 2-Methylnaphthalene	11.988	142	19806	0.785	ng/ul	97
8) 1-Methylnaphthalene	12.208	142	18065	0.693	ng/ul	99
10) Acenaphthylene	13.911	152	19543	0.556	ng/ul#	96
11) Acenaphthene	14.253	153	86819	2.986	ng/ul	98
12) Fluorene	15.248	166	75617	2.275	ng/ul	99
15) Phenanthrene	16.991	178	1323012m	25.699	ng/ul	
16) Anthracene	17.084	178	198660m	4.723	ng/ul	
19) Fluoranthene	19.022	202	1786490m	28.510	ng/ul	
20) Pyrene	19.385	202	918206m	14.157	ng/ul	
21) Benzo(a)anthracene	21.147	228	705845m	14.388	ng/ul	
22) Chrysene	21.197	228	729418m	10.278	ng/ul	
24) Benzo(b)fluoranthene	22.699	252	934692m	13.030	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	369729m	4.229	ng/ul	
26) Benzo(a)pyrene	23.260	252	224956m	3.624	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.562	276	239773m	2.852	ng/ul	
28) Dibenzo(a,h)anthracene	25.559	278	114677m	1.760	ng/ul	
29) Benzo(g,h,i)perylene	26.247	276	32918m	0.469	ng/ul	

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

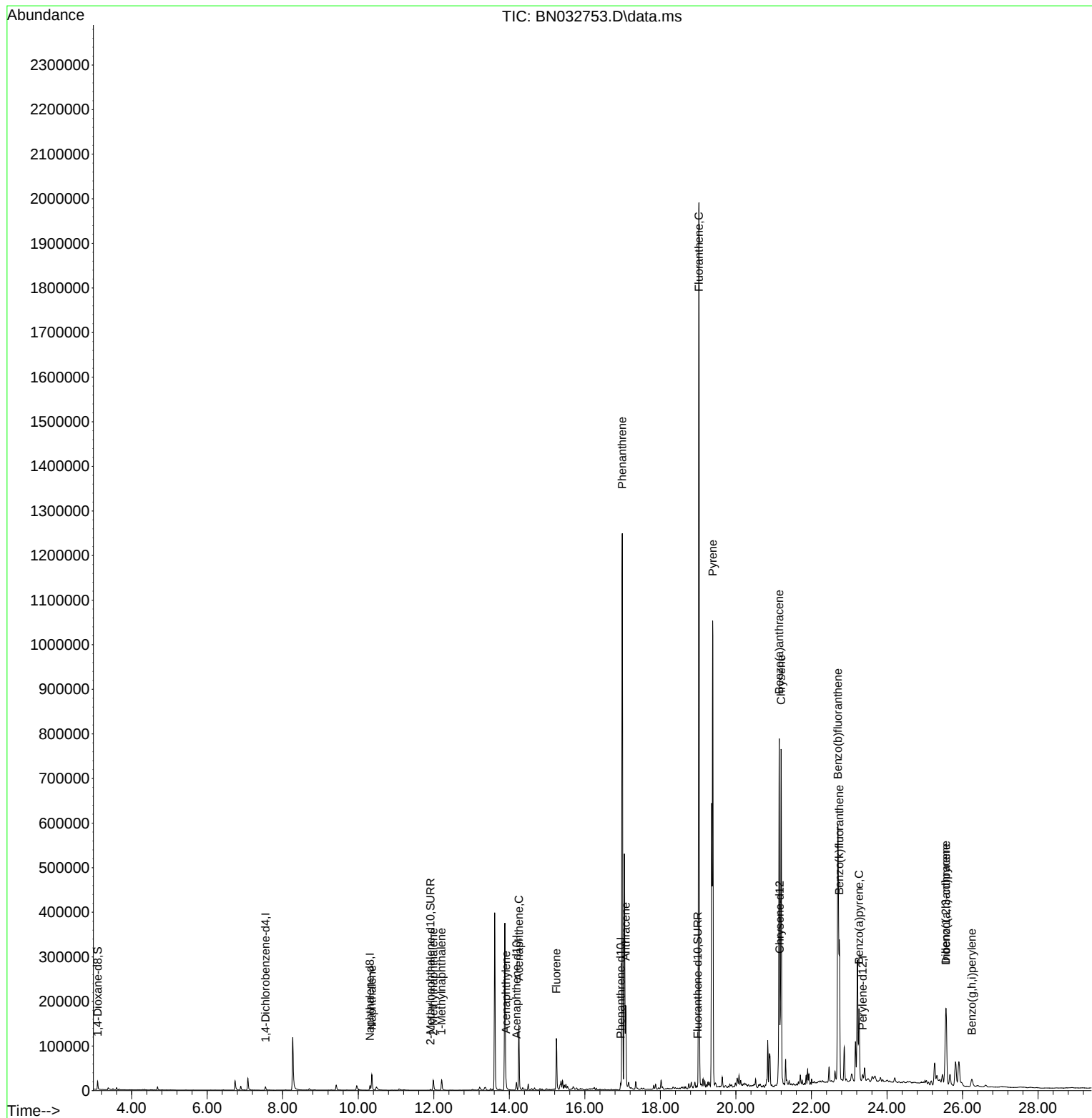
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032753.D
Acq On : 16 Jul 2024 22:31
Operator : MA/JU
Sample : P3177-10
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ALS Vial : 23 Sample Multiplier: 1

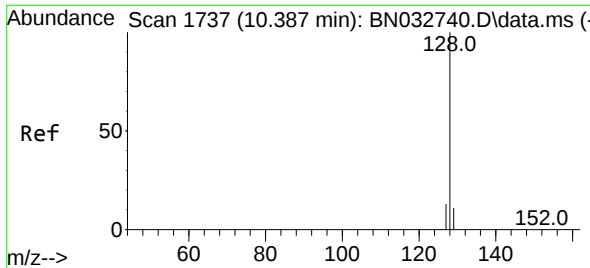
Instrument :
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ClientSampleId :
A4BX3

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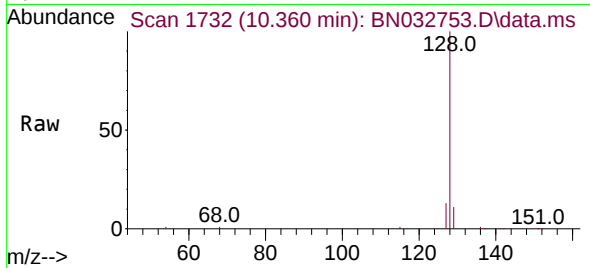
Quant Time: Jul 16 23:55:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.282 ng/ul
RT: 10.360 min Scan# 11
Delta R.T. -0.049 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

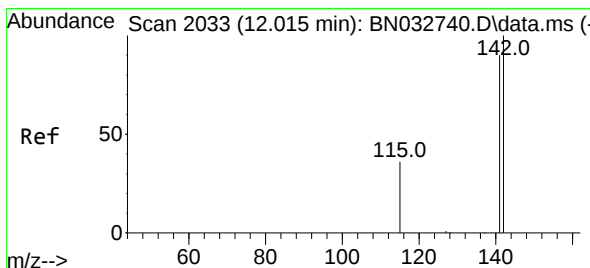
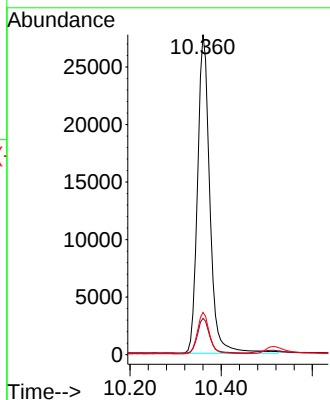
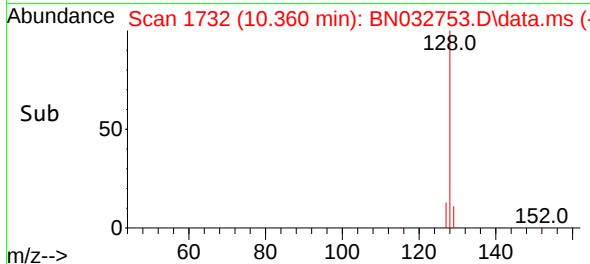
Instrument :
BNA_N
ClientSampleId :
A4BX3



Tgt Ion:128 Resp: 51769
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.2 11.6 17.4

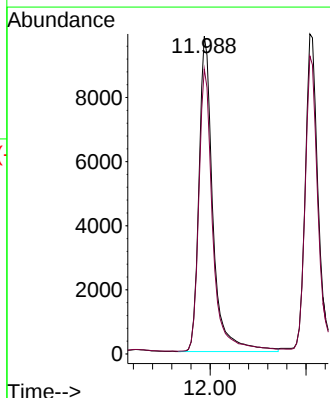
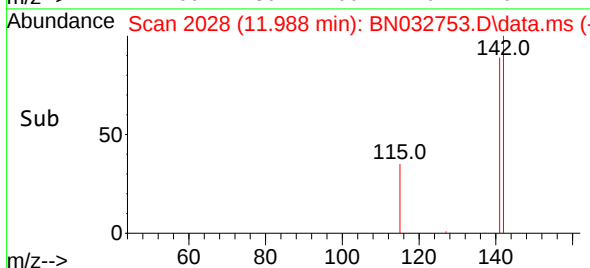
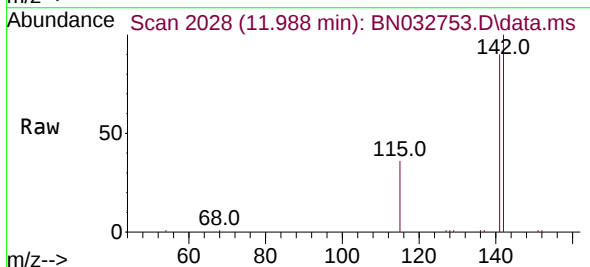
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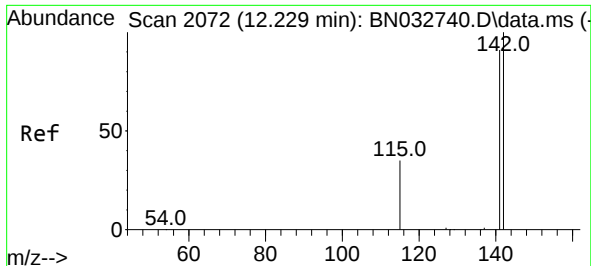
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 0.785 ng/ul
RT: 11.988 min Scan# 2028
Delta R.T. -0.060 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

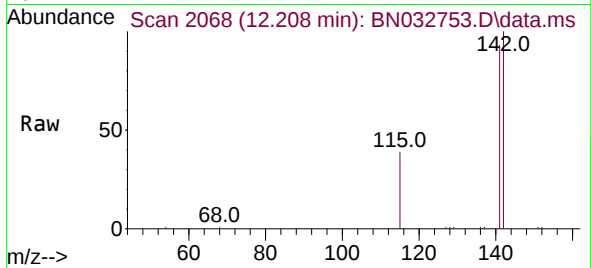
Tgt Ion:142 Resp: 19806
Ion Ratio Lower Upper
142 100
141 89.6 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.693 ng/ul
RT: 12.208 min Scan# 2068
Delta R.T. -0.038 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

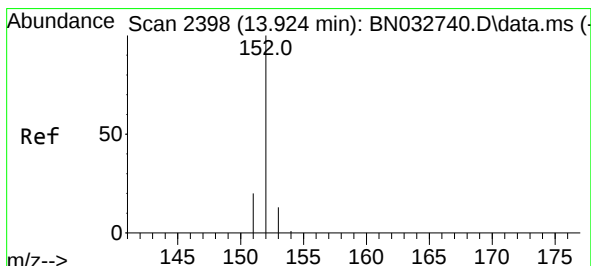
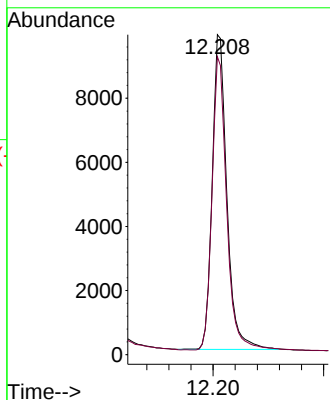
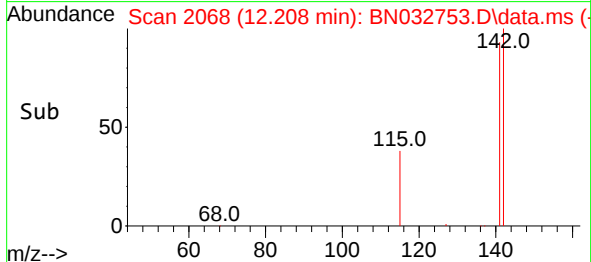
Instrument :
BNA_N
ClientSampleId :
A4BX3



Tgt Ion:142 Resp: 1806
Ion Ratio Lower Upper
142 100
141 92.7 75.0 112.4

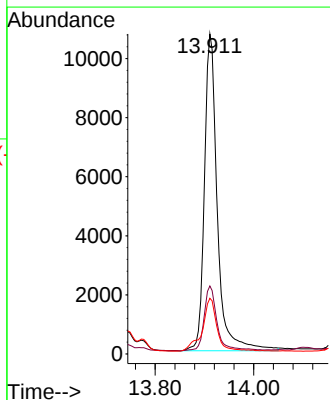
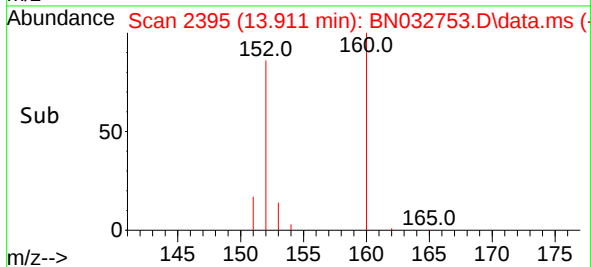
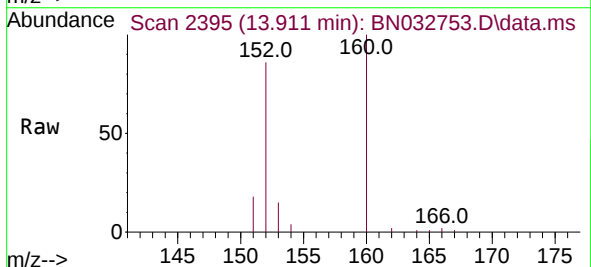
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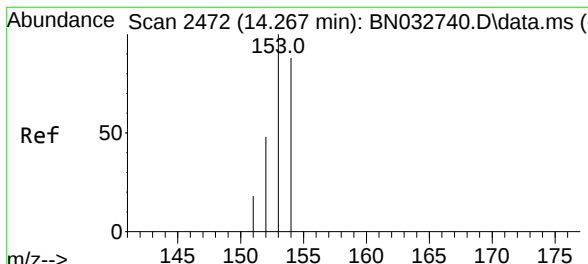
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.556 ng/ul
RT: 13.911 min Scan# 2395
Delta R.T. -0.032 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

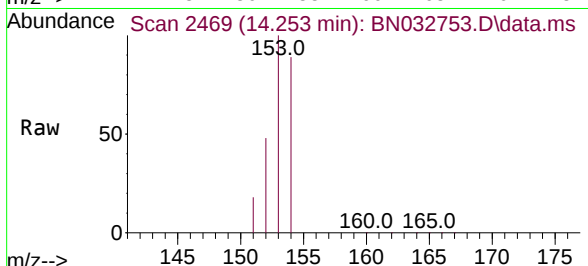
Tgt Ion:152 Resp: 19543
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 17.4 11.3 16.9#





#11
Acenaphthene
Concen: 2.986 ng/ul
RT: 14.253 min Scan# 2469
Delta R.T. -0.028 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

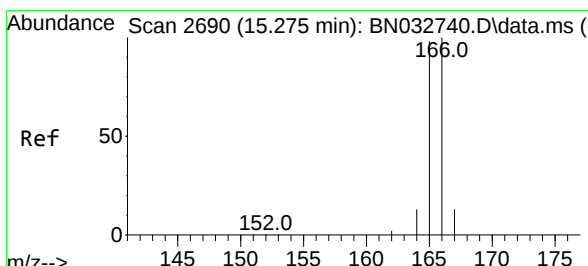
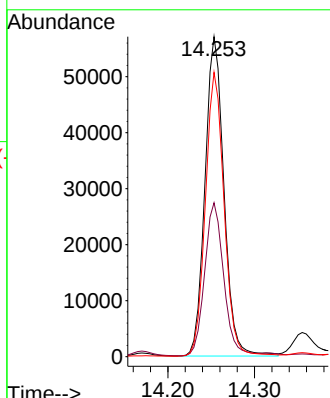
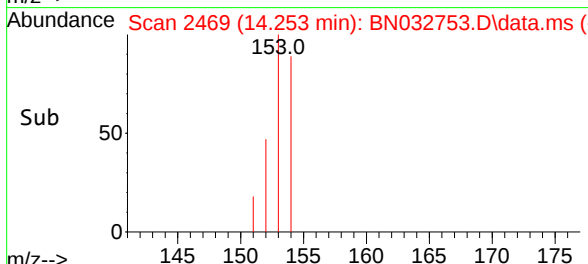
Instrument :
BNA_N
ClientSampleId :
A4BX3



Tgt Ion:153 Resp: 86819
Ion Ratio Lower Upper
153 100
152 48.1 40.0 60.0
154 88.9 70.2 105.4

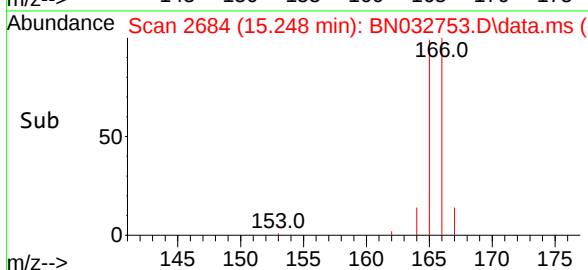
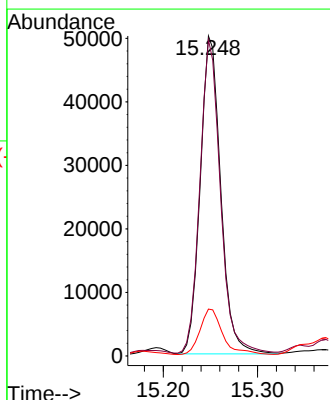
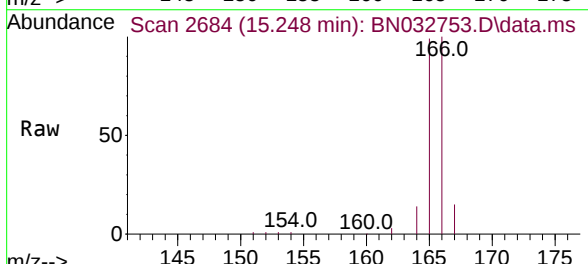
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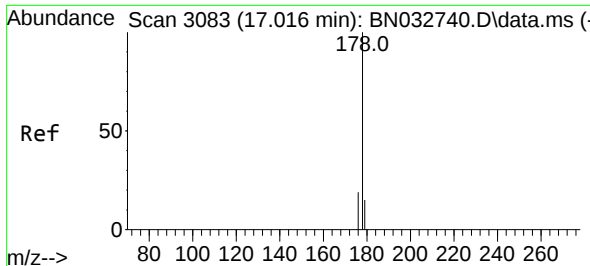
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 2.275 ng/ul
RT: 15.248 min Scan# 2684
Delta R.T. -0.041 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

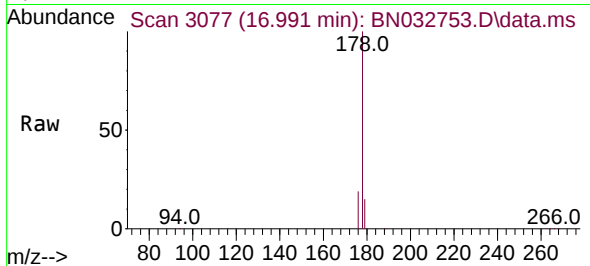
Tgt Ion:166 Resp: 75617
Ion Ratio Lower Upper
166 100
165 98.9 79.7 119.5
167 14.7 11.4 17.2





#15
Phenanthrene
Concen: 25.699 ng/ul m
RT: 16.991 min Scan# 3077
Delta R.T. -0.038 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

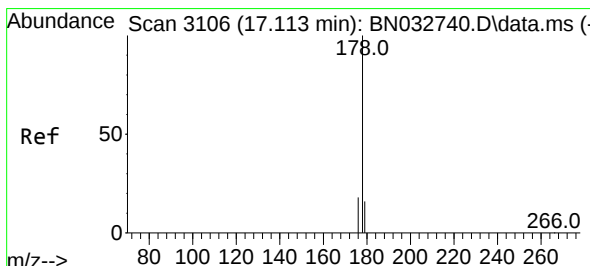
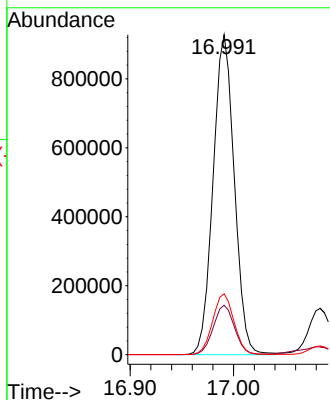
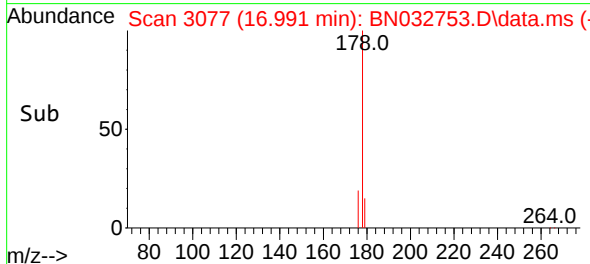
Instrument :
BNA_N
ClientSampleId :
A4BX3



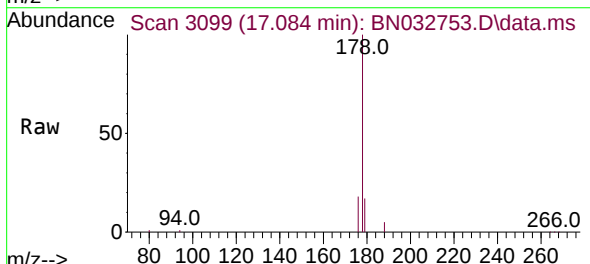
Tgt Ion:178 Resp: 132301
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.1 15.6 23.4

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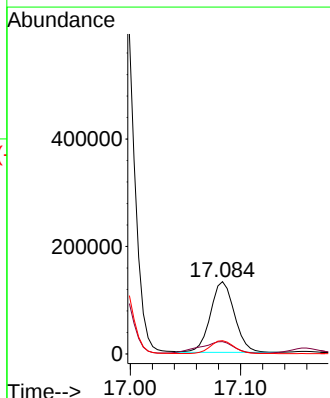
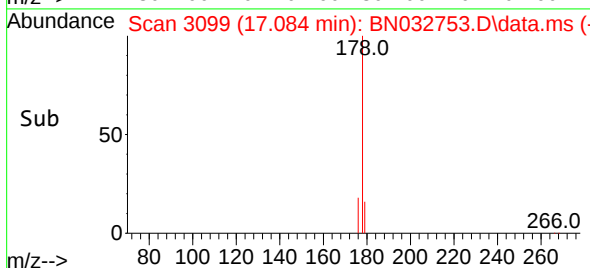
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

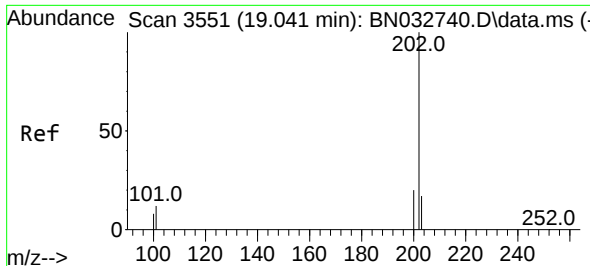


#16
Anthracene
Concen: 4.723 ng/ul m
RT: 17.084 min Scan# 3099
Delta R.T. -0.055 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31



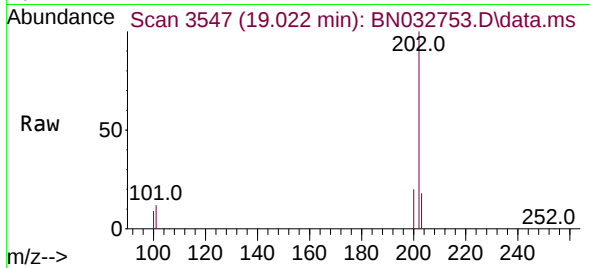
Tgt Ion:178 Resp: 198660
Ion Ratio Lower Upper
178 100
179 16.9 13.4 20.2
176 18.5 15.4 23.0





#19
Fluoranthene
Concen: 28.510 ng/ul m
RT: 19.022 min Scan# 3547
Delta R.T. -0.032 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

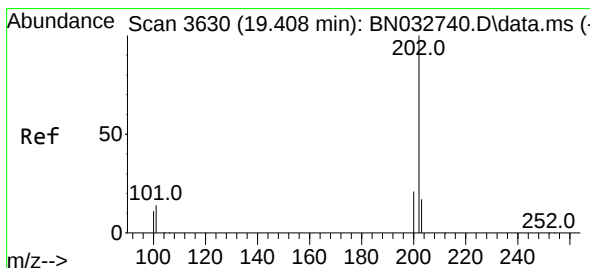
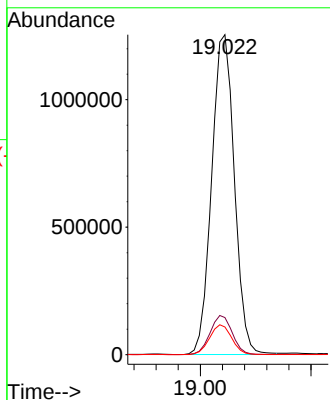
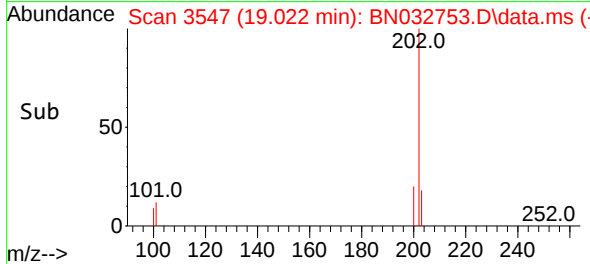
Instrument :
BNA_N
ClientSampleId :
A4BX3



Tgt Ion:202 Resp: 1786490
Ion Ratio Lower Upper
202 100
101 11.6 9.8 14.8
100 8.7 7.9 11.9

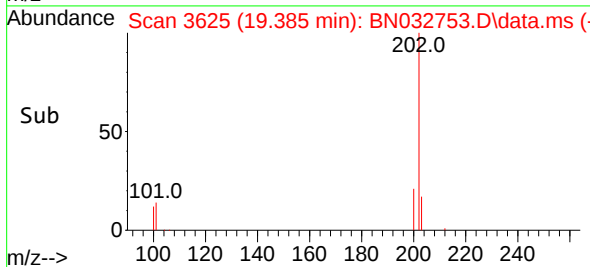
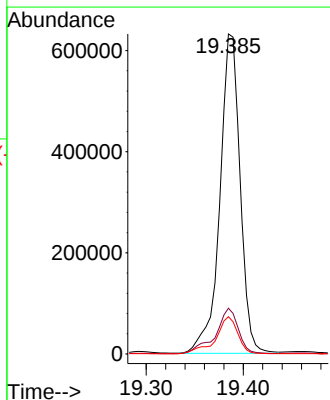
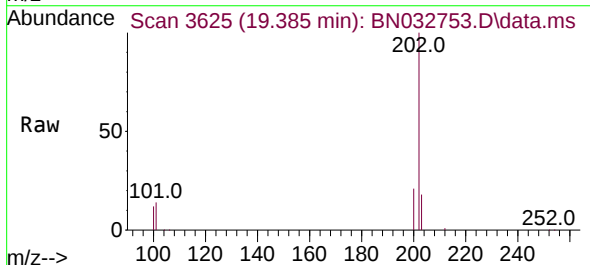
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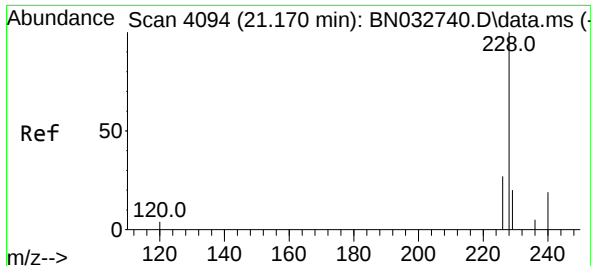
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 14.157 ng/ul m
RT: 19.385 min Scan# 3625
Delta R.T. -0.037 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

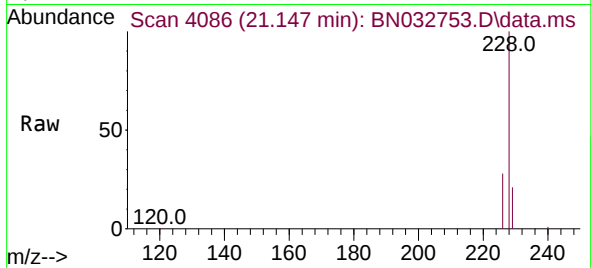
Tgt Ion:202 Resp: 918206
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 11.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 14.388 ng/ul m
RT: 21.147 min Scan# 4094
Delta R.T. -0.035 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

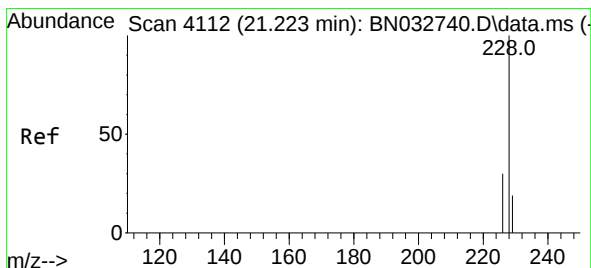
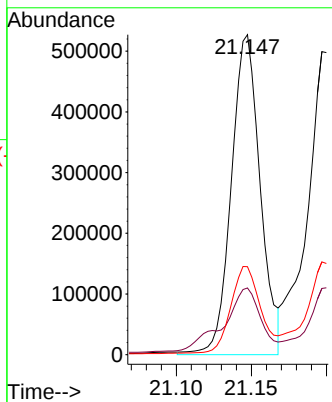
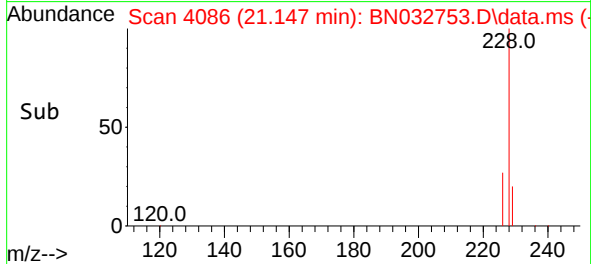
Instrument :
BNA_N
ClientSampleId :
A4BX3



Tgt Ion:228 Resp: 70584
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.5 21.9 32.9

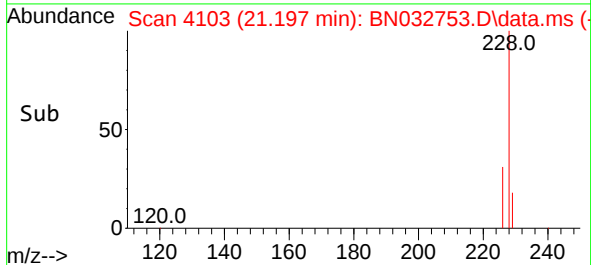
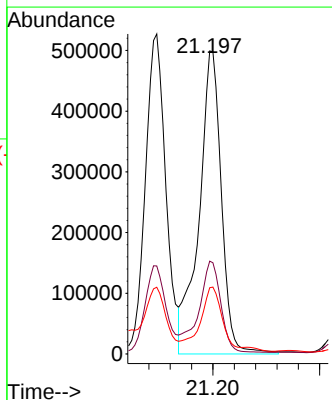
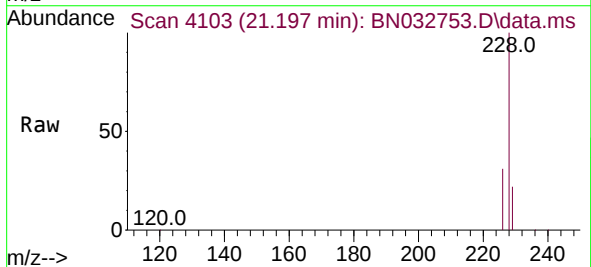
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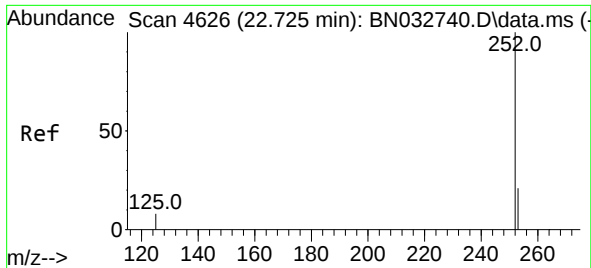
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 10.278 ng/ul m
RT: 21.197 min Scan# 4103
Delta R.T. -0.035 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

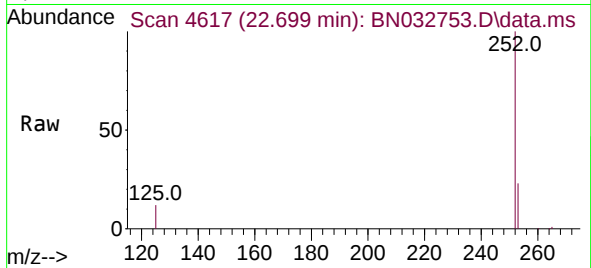
Tgt Ion:228 Resp: 729418
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 13.030 ng/ul m
RT: 22.699 min Scan# 4617
Delta R.T. -0.035 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

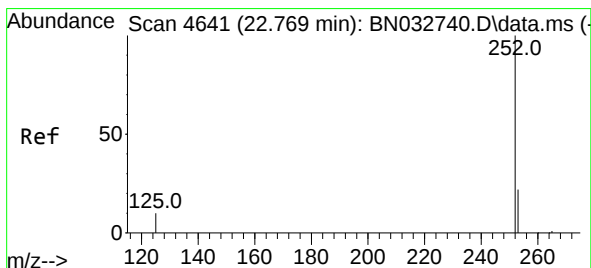
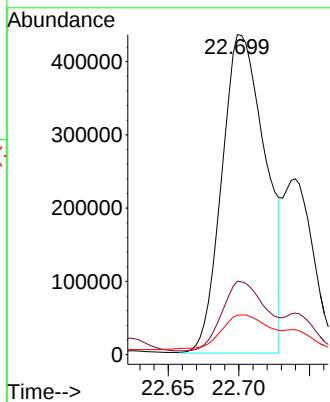
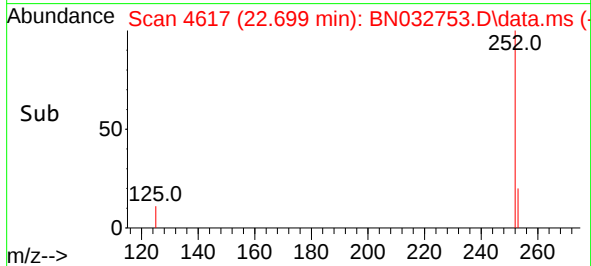
Instrument :
BNA_N
ClientSampleId :
A4BX3



Tgt Ion:252 Resp: 934692
Ion Ratio Lower Upper
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253 22.9 0.0 54.0
125 12.4 0.0 36.0

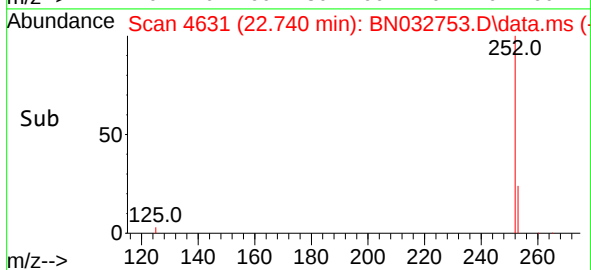
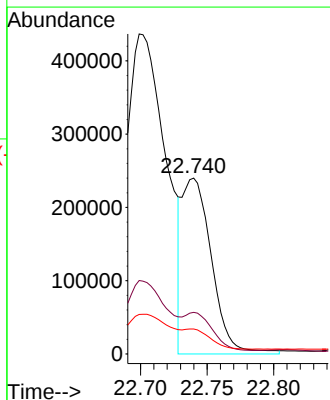
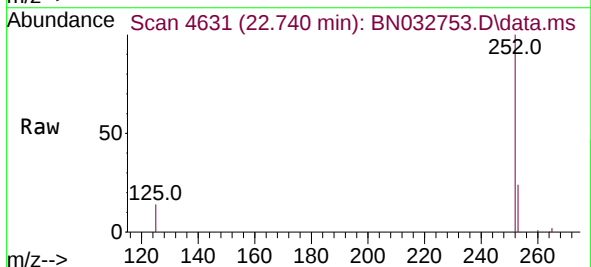
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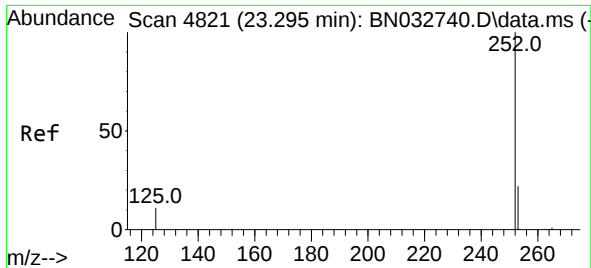
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 4.229 ng/ul m
RT: 22.740 min Scan# 4631
Delta R.T. -0.038 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

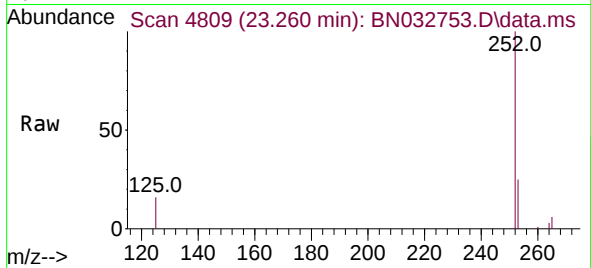
Tgt Ion:252 Resp: 369729
Ion Ratio Lower Upper
252 100
253 23.6 21.2 31.8
125 14.2 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 3.624 ng/ul m
RT: 23.260 min Scan# 4821
Delta R.T. -0.050 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

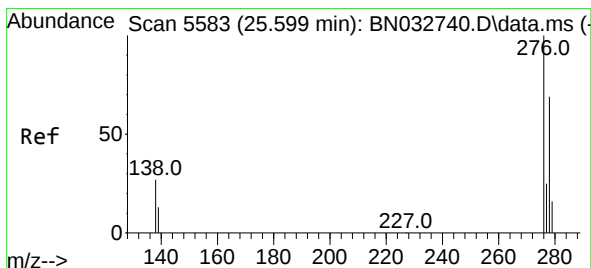
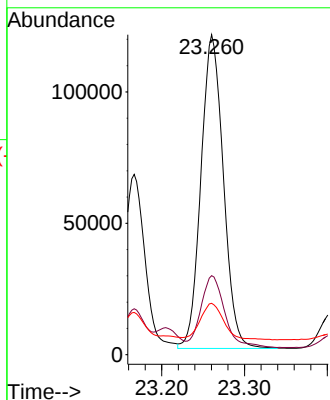
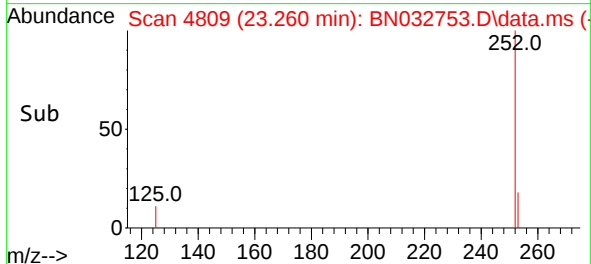
Instrument :
BNA_N
ClientSampleId :
A4BX3



Tgt Ion:252 Resp: 224950
Ion Ratio Lower Upper
252 100
253 24.7 25.4 38.0#
125 16.1 20.6 30.8#

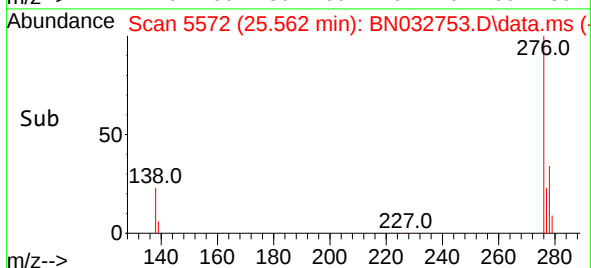
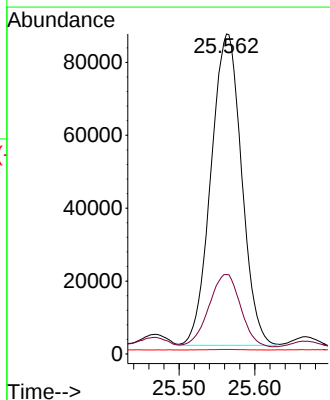
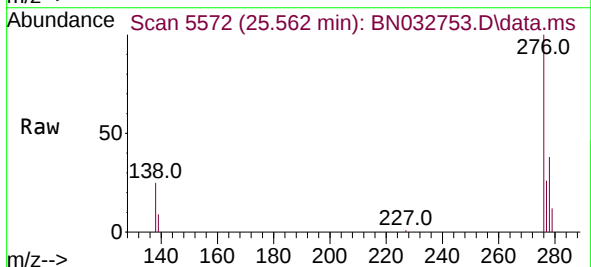
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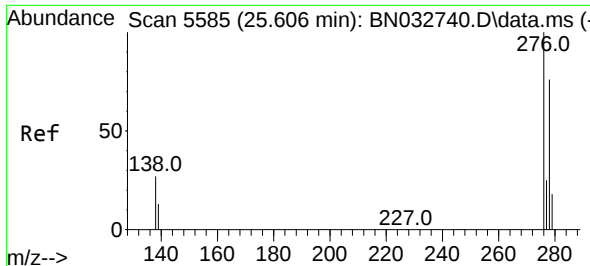
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.852 ng/ul m
RT: 25.562 min Scan# 5572
Delta R.T. -0.064 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

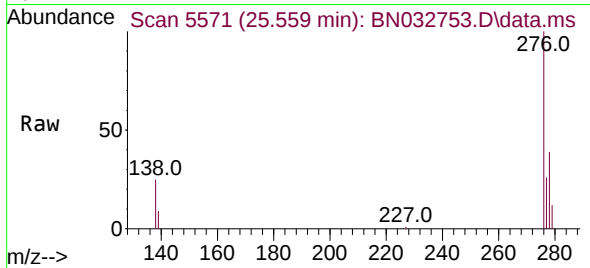
Tgt Ion:276 Resp: 239773
Ion Ratio Lower Upper
276 100
138 5.1 21.6 32.4#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 1.760 ng/ul m
RT: 25.559 min Scan# 51
Delta R.T. -0.080 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

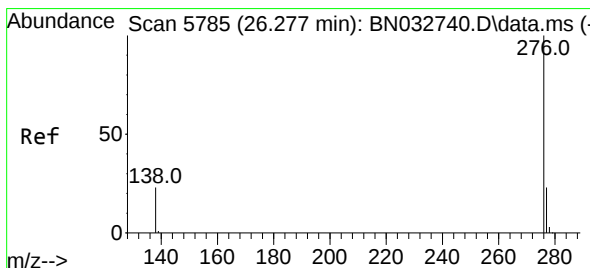
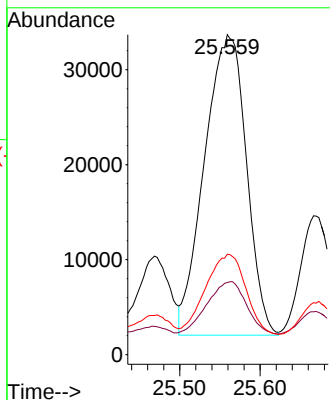
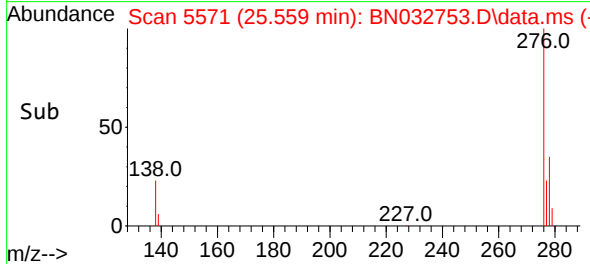
Instrument :
BNA_N
ClientSampleId :
A4BX3



Tgt Ion:278 Resp: 11467
Ion Ratio Lower Upper
278 100
139 22.6 16.6 24.8
279 31.4 23.7 35.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.469 ng/ul m
RT: 26.247 min Scan# 5776
Delta R.T. -0.054 min
Lab File: BN032753.D
Acq: 16 Jul 2024 22:31

Tgt Ion:276 Resp: 32918
Ion Ratio Lower Upper
276 100
138 34.6 21.0 31.4#
277 35.4 20.6 31.0#

