

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032743.D
 Acq On : 16 Jul 2024 16:28
 Operator : MA/JU
 Sample : P3088-10DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR8DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 17:06:29 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	7.553	152	4686	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.326	136	14364	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.196	164	7456	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.956	188	14370	0.400	ng/ul	-0.03
17) Chrysene-d12	21.172	240	11790	0.400	ng/ul	-0.02
23) Perylene-d12	23.370	264	15941m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	3116	0.554	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	755	0.035	ng/ul	-0.03
18) Fluoranthene-d10	18.993	212	1812	0.047	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.375	128	3729	0.097	ng/ul#	92
7) 2-Methylnaphthalene	12.014	142	1799	0.075	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	1356	0.054	ng/ul	98
10) Acenaphthylene	13.919	152	8537	0.283	ng/ul	98
11) Acenaphthene	14.261	153	3778	0.152	ng/ul	99
12) Fluorene	15.260	166	4472	0.157	ng/ul#	99
15) Phenanthrene	16.994	178	106764	2.728	ng/ul	99
16) Anthracene	17.091	178	22655	0.709	ng/ul	98
19) Fluoranthene	19.026	202	266944	5.569	ng/ul	98
20) Pyrene	19.393	202	140282	2.827	ng/ul	97
21) Benzo(a)anthracene	21.155	228	102067	2.720	ng/ul	99
22) Chrysene	21.207	228	122793m	2.262	ng/ul	
24) Benzo(b)fluoranthene	22.712	252	193196m	3.435	ng/ul	
25) Benzo(k)fluoranthene	22.750	252	79128m	1.154	ng/ul	
26) Benzo(a)pyrene	23.274	252	63794	1.311	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.574	276	61527	0.934	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.574	278	23653	0.463	ng/ul	94
29) Benzo(g,h,i)perylene	26.255	276	39873	0.724	ng/ul	99

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

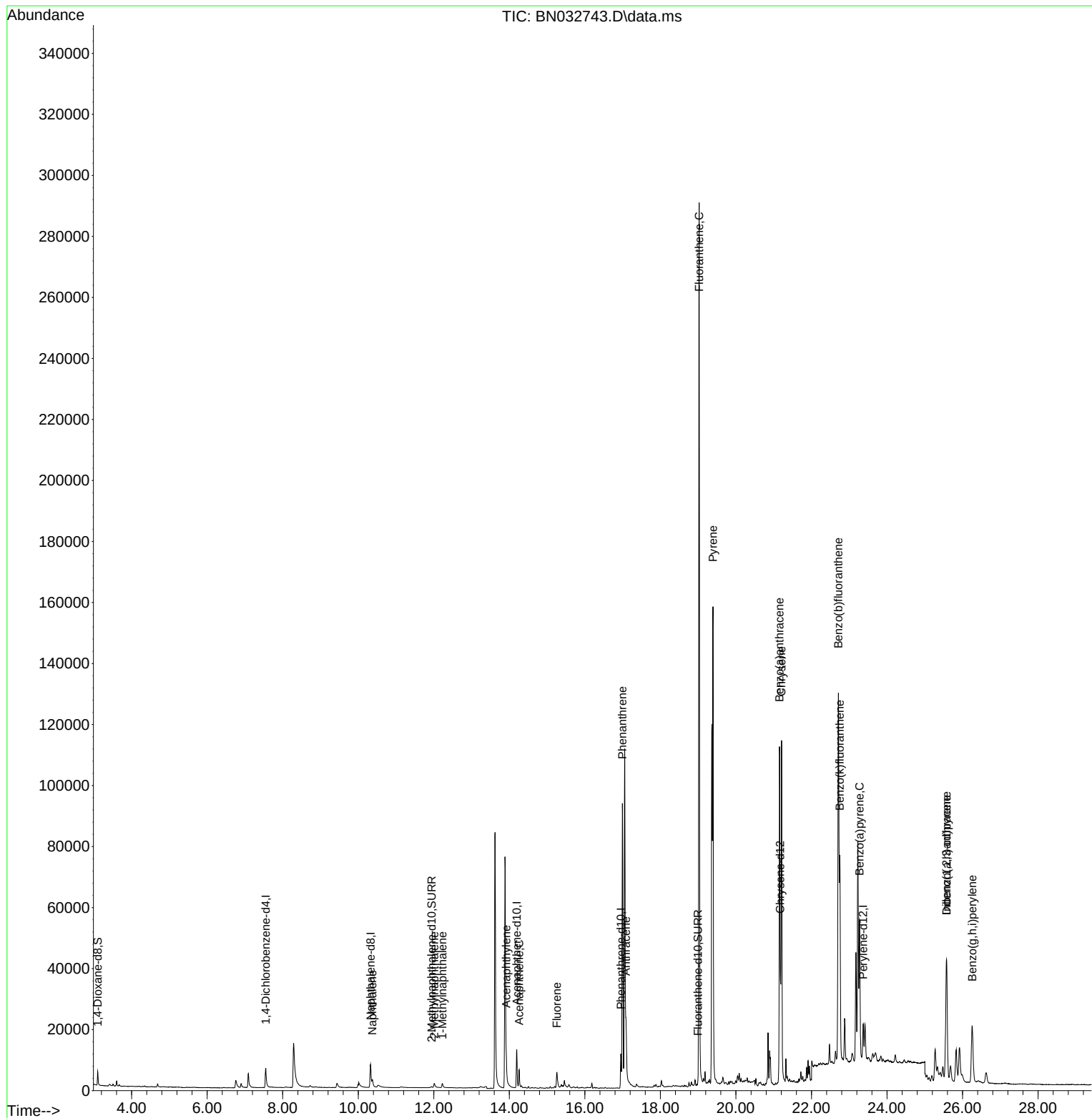
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032743.D
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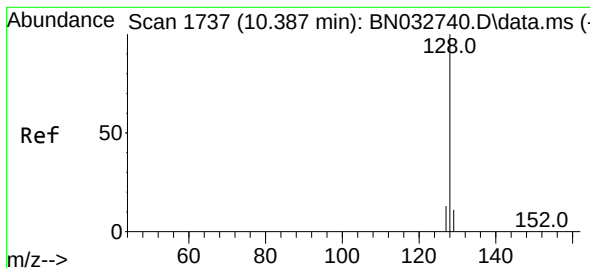
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Quant Time: Jul 16 17:06:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.097 ng/ul

RT: 10.375 min Scan# 1735

Delta R.T. -0.034 min

Lab File: BN032743.D

Acq: 16 Jul 2024 16:28

Instrument :

BNA_N

ClientSampleId :

A4BR8DL

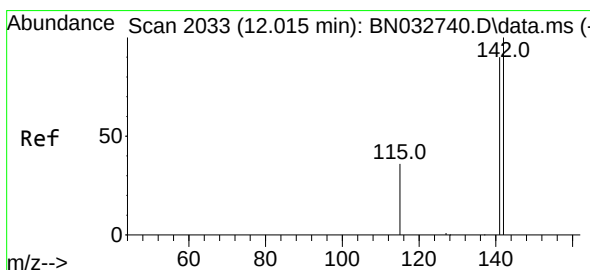
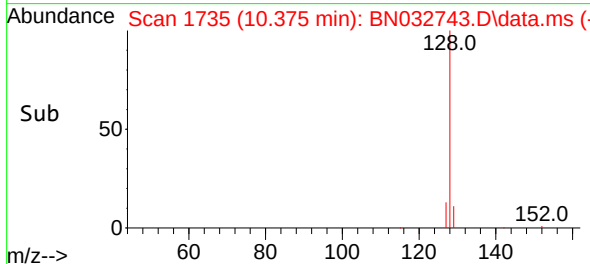
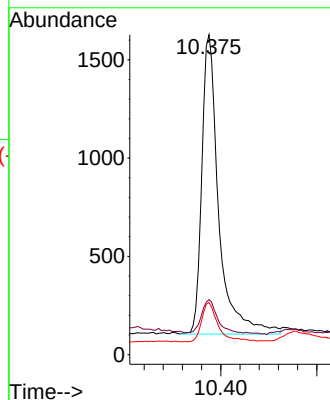
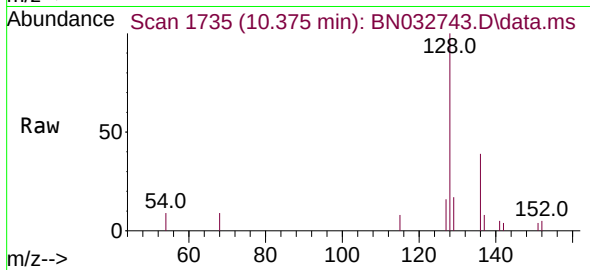
Tgt Ion:128	Resp:	3729
Ion Ratio	Lower	Upper
128	100	
129	17.2	10.0 15.0
127	16.3	11.6 17.4

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.075 ng/ul

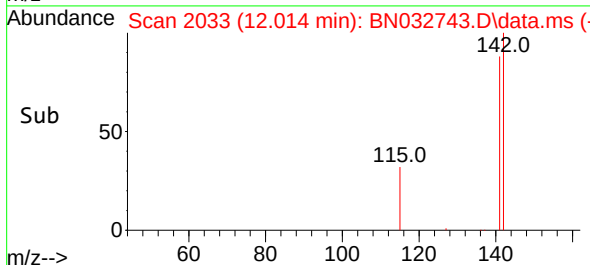
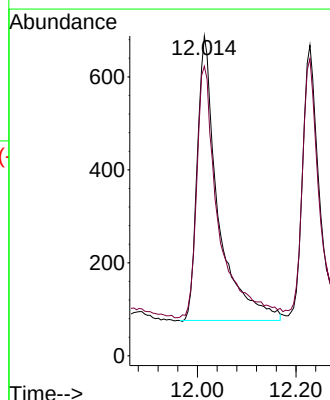
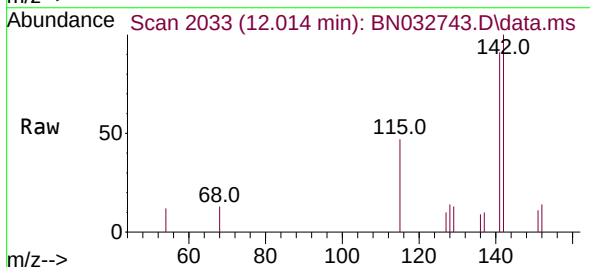
RT: 12.014 min Scan# 2033

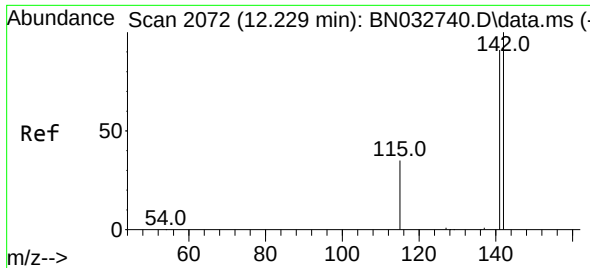
Delta R.T. -0.034 min

Lab File: BN032743.D

Acq: 16 Jul 2024 16:28

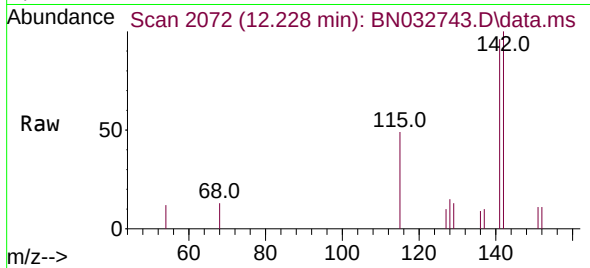
Tgt Ion:142	Resp:	1799
Ion Ratio	Lower	Upper
142	100	
141	91.2	74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.228 min Scan# 2072
Delta R.T. -0.018 min
Lab File: BN032743.D
Acq: 16 Jul 2024 16:28

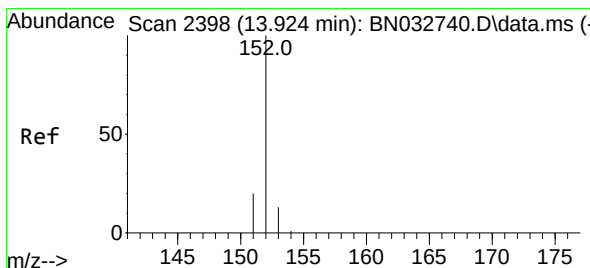
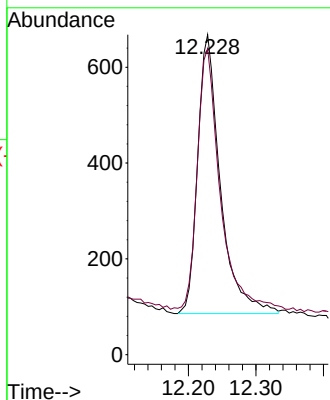
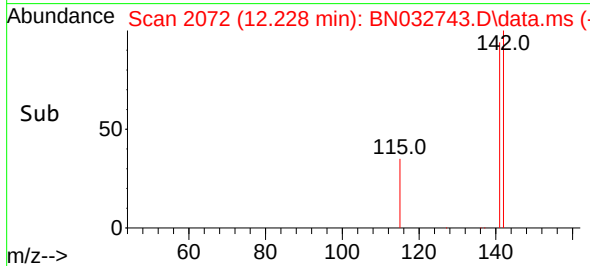
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ClientSampleId :
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Tgt Ion:142 Resp: 1350
Ion Ratio Lower Upper
142 100
141 91.6 75.0 112.4

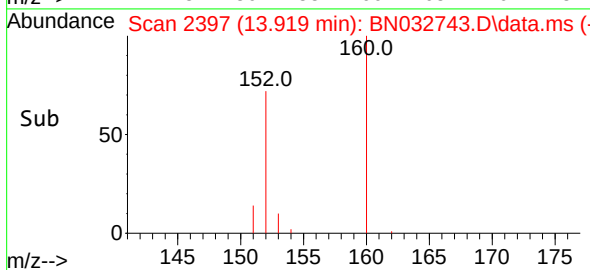
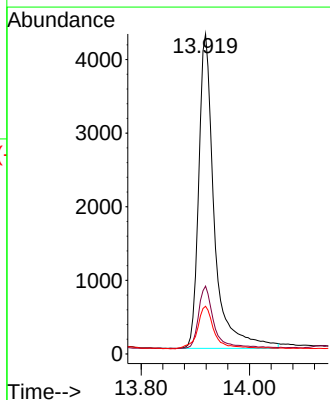
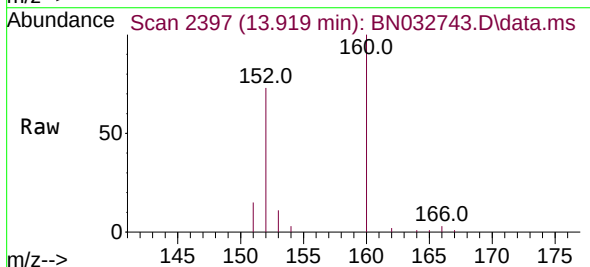
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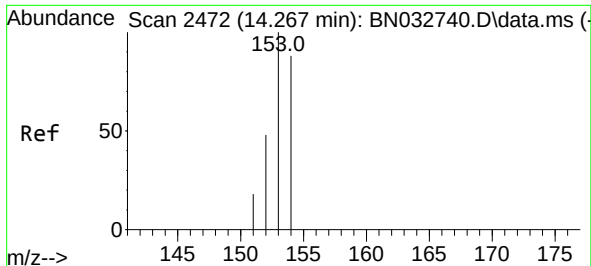
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 0.283 ng/ul
RT: 13.919 min Scan# 2397
Delta R.T. -0.024 min
Lab File: BN032743.D
Acq: 16 Jul 2024 16:28

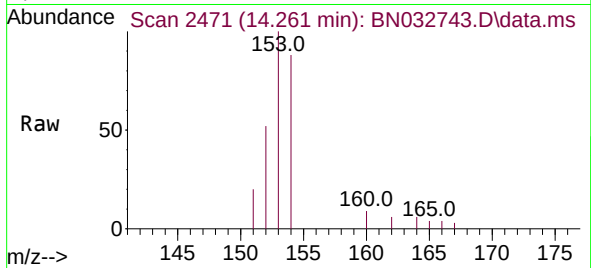
Tgt Ion:152 Resp: 8537
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 14.9 11.3 16.9





#11
Acenaphthene
Concen: 0.152 ng/u1
RT: 14.261 min Scan# 2471
Delta R.T. -0.020 min
Lab File: BN032743.D
Acq: 16 Jul 2024 16:28

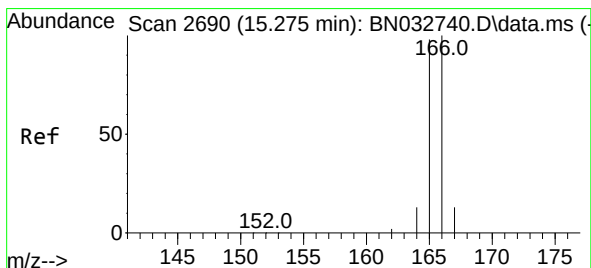
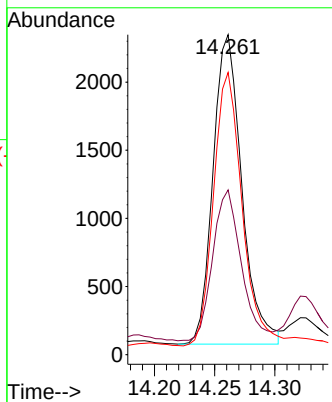
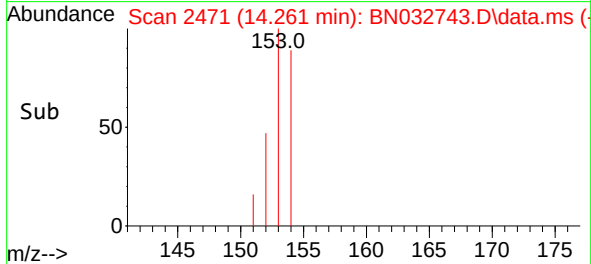
Instrument :
BNA_N
ClientSampleId :
A4BR8DL



Tgt Ion:153 Resp: 3778
Ion Ratio Lower Upper
153 100
152 51.5 40.0 60.0
154 88.2 70.2 105.4

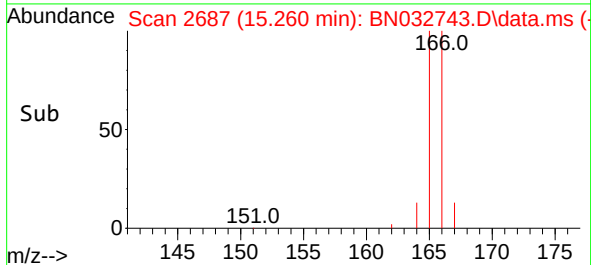
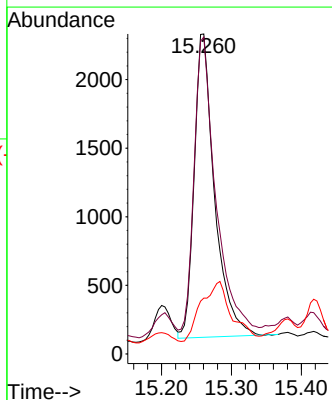
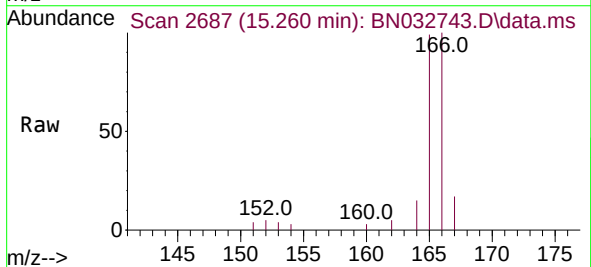
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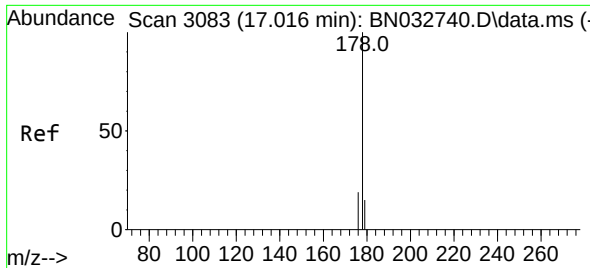
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.157 ng/u1
RT: 15.260 min Scan# 2687
Delta R.T. -0.029 min
Lab File: BN032743.D
Acq: 16 Jul 2024 16:28

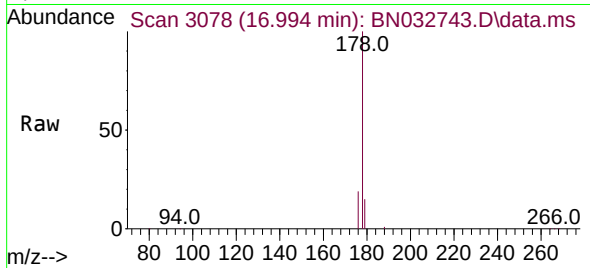
Tgt Ion:166 Resp: 4472
Ion Ratio Lower Upper
166 100
165 99.1 79.7 119.5
167 17.4 11.4 17.2#





#15
Phenanthrene
Concen: 2.728 ng/ul
RT: 16.994 min Scan# 3083
Delta R.T. -0.035 min
Lab File: BN032743.D
Acq: 16 Jul 2024 16:28

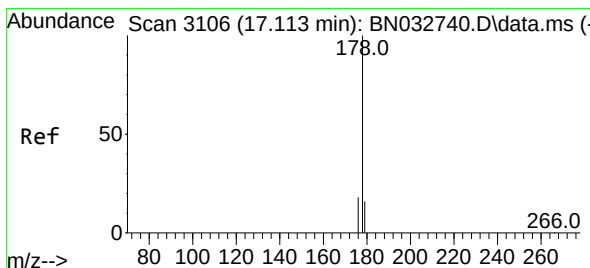
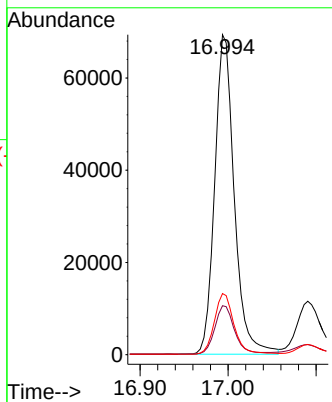
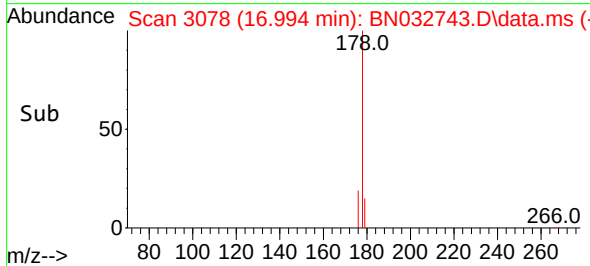
Instrument :
BNA_N
ClientSampleId :
A4BR8DL



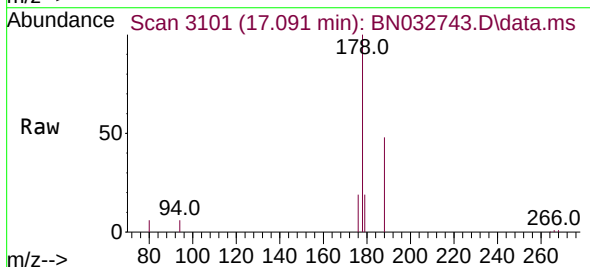
Tgt Ion:178 Resp: 106764
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.1 15.6 23.4

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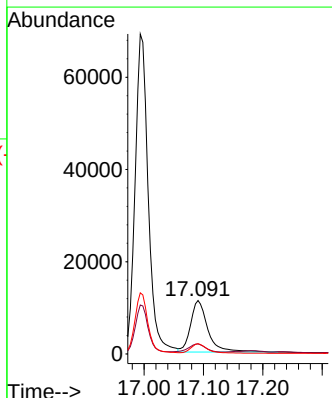
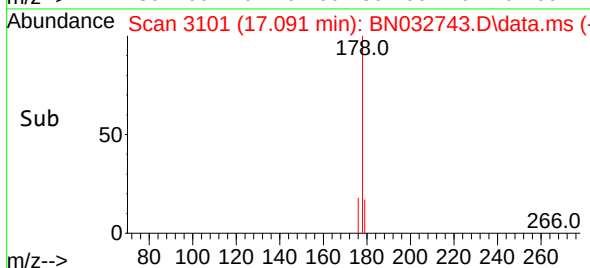
Reviewed By :Yogesh Patel 07/18/2024
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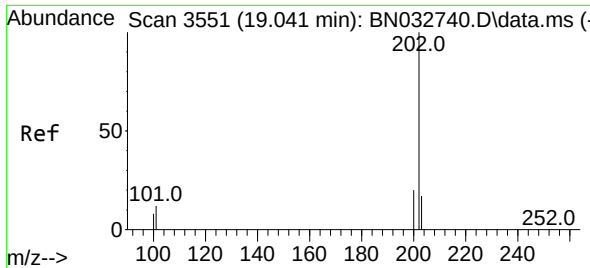


#16
Anthracene
Concen: 0.709 ng/ul
RT: 17.091 min Scan# 3101
Delta R.T. -0.048 min
Lab File: BN032743.D
Acq: 16 Jul 2024 16:28



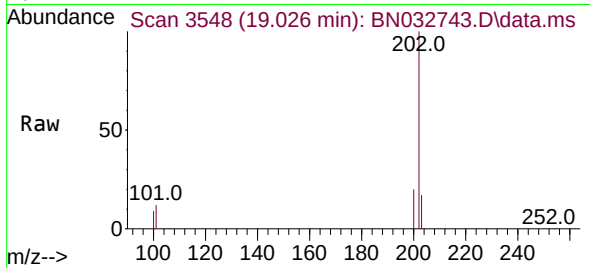
Tgt Ion:178 Resp: 22655
Ion Ratio Lower Upper
178 100
179 18.9 13.4 20.2
176 19.1 15.4 23.0





#19
Fluoranthene
Concen: 5.569 ng/u1
RT: 19.026 min Scan# 3548
Delta R.T. -0.029 min
Lab File: BN032743.D
Acq: 16 Jul 2024 16:28

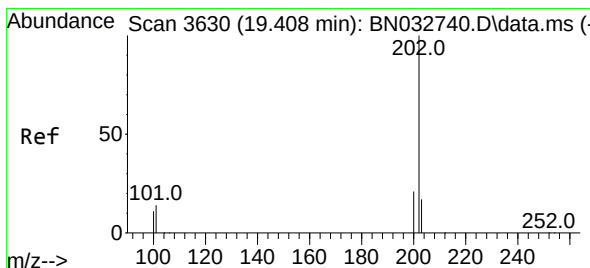
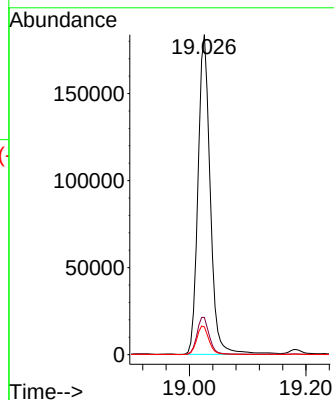
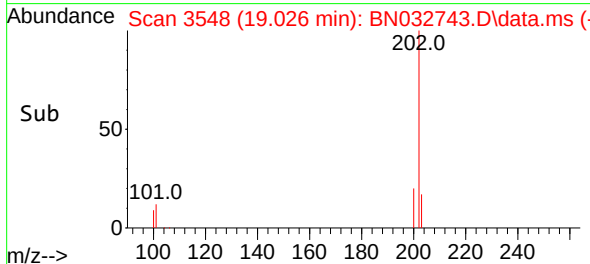
Instrument :
BNA_N
ClientSampleId :
A4BR8DL



Tgt Ion:202 Resp: 266944
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.7 7.9 11.9

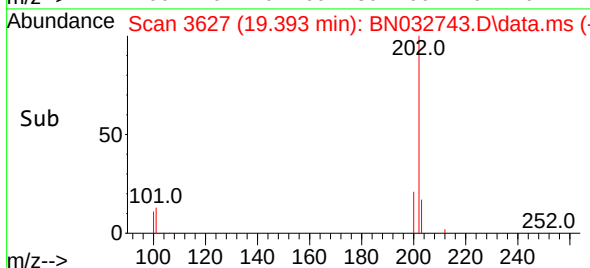
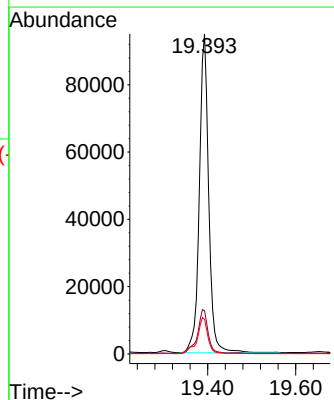
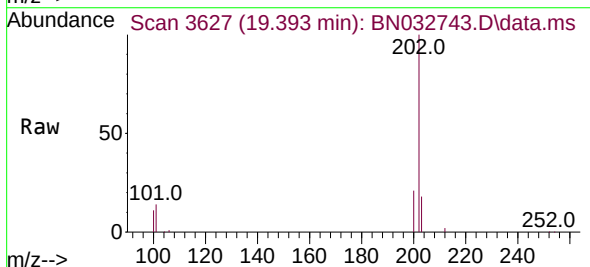
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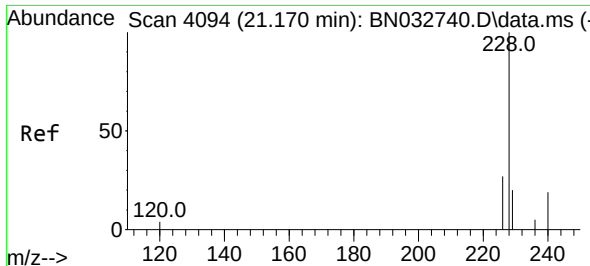
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 2.827 ng/u1
RT: 19.393 min Scan# 3627
Delta R.T. -0.029 min
Lab File: BN032743.D
Acq: 16 Jul 2024 16:28

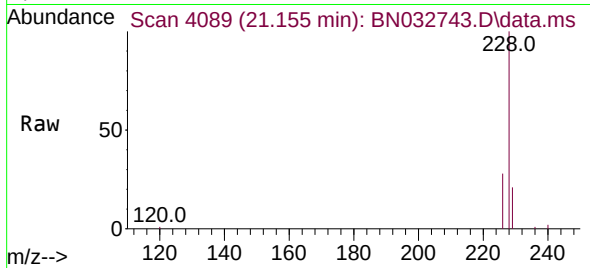
Tgt Ion:202 Resp: 140282
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 10.8 9.6 14.4





#21
Benzo(a)anthracene
Concen: 2.720 ng/ul
RT: 21.155 min Scan# 4107
Delta R.T. -0.028 min
Lab File: BN032743.D
Acq: 16 Jul 2024 16:28

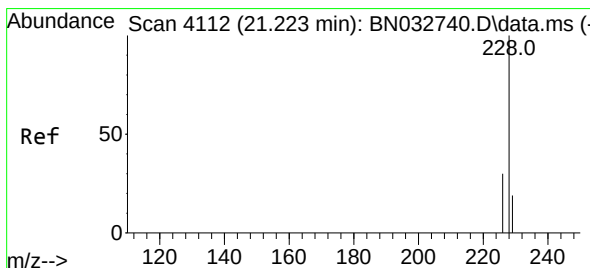
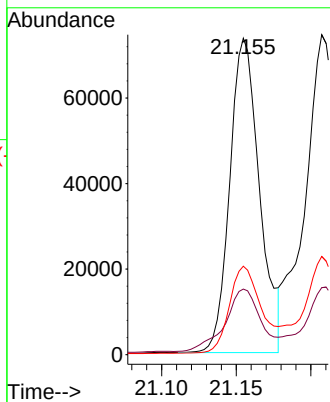
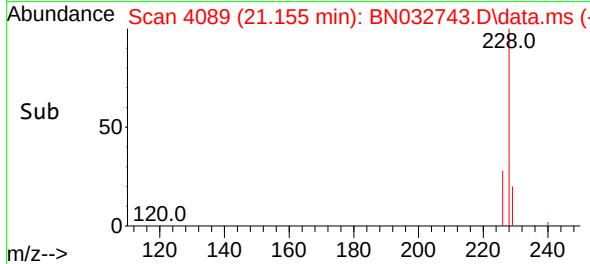
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Tgt Ion:228 Resp: 10206
Ion Ratio Lower Upper
228 100
229 20.8 16.1 24.1
226 28.0 21.9 32.9

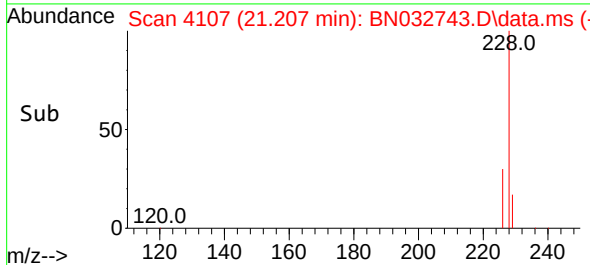
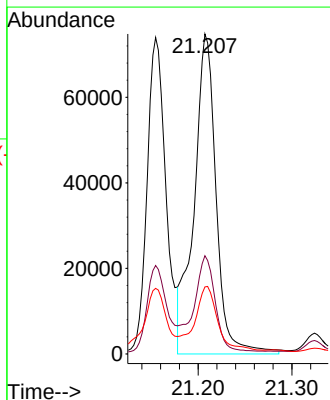
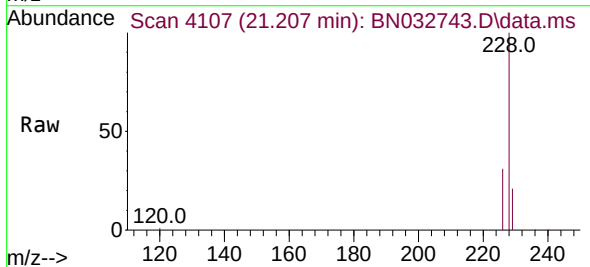
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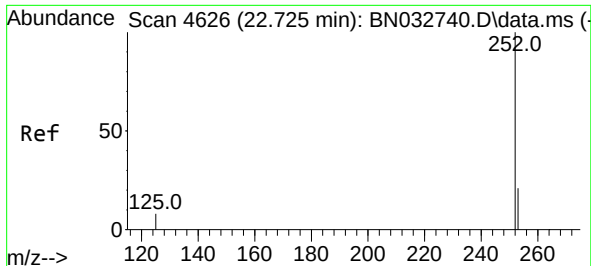
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 2.262 ng/ul m
RT: 21.207 min Scan# 4107
Delta R.T. -0.025 min
Lab File: BN032743.D
Acq: 16 Jul 2024 16:28

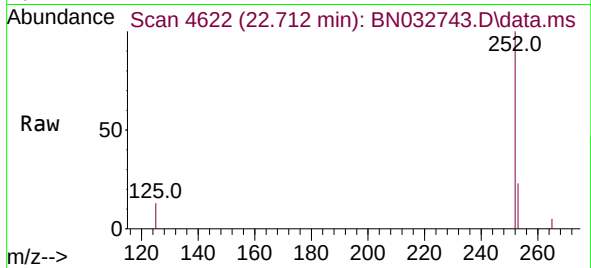
Tgt Ion:228 Resp: 122793
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 21.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.435 ng/ul m
RT: 22.712 min Scan# 4622
Delta R.T. -0.022 min
Lab File: BN032743.D
Acq: 16 Jul 2024 16:28

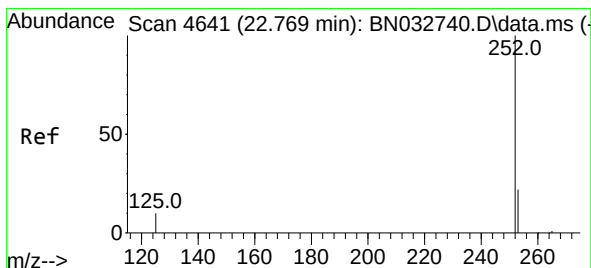
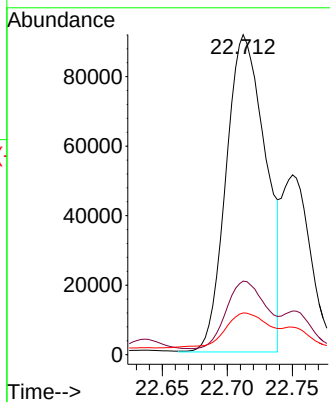
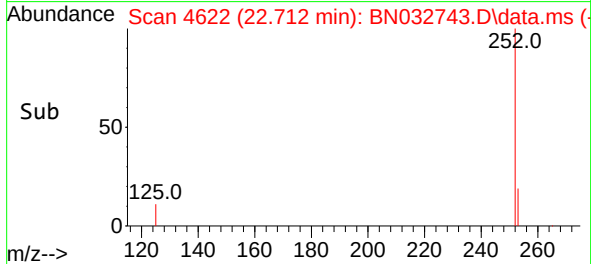
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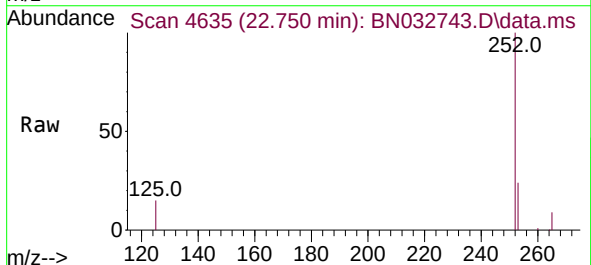
Tgt Ion:252 Resp: 193190
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 13.1 0.0 36.0

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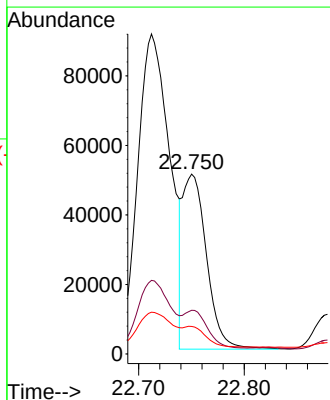
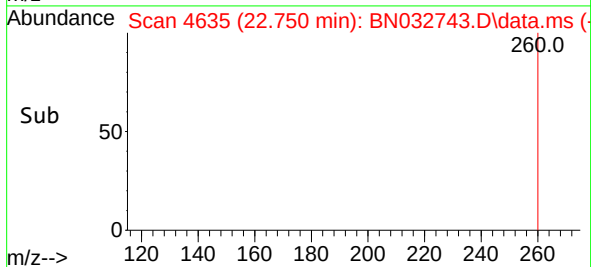
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

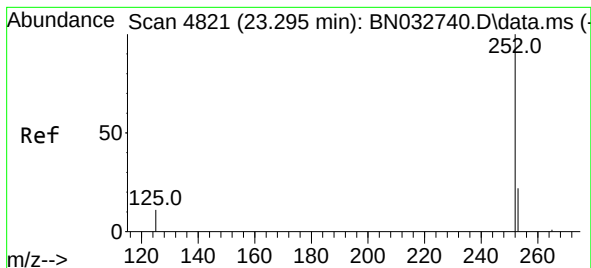


#25
Benzo(k)fluoranthene
Concen: 1.154 ng/ul m
RT: 22.750 min Scan# 4635
Delta R.T. -0.028 min
Lab File: BN032743.D
Acq: 16 Jul 2024 16:28



Tgt Ion:252 Resp: 79128
Ion Ratio Lower Upper
252 100
253 24.3 21.2 31.8
125 15.3 14.8 22.2





#26

Benzo(a)pyrene

Concen: 1.311 ng/ul

RT: 23.274 min Scan# 4814

Delta R.T. -0.036 min

Lab File: BN032743.D

Acq: 16 Jul 2024 16:28

Instrument :

BNA_N

ClientSampleId :

A4BR8DL

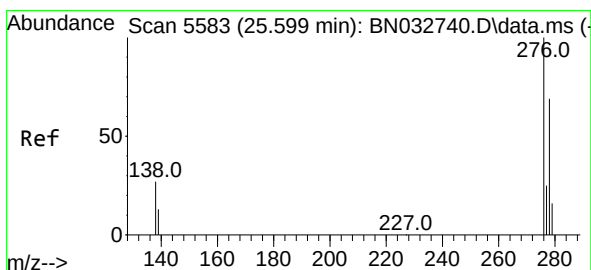
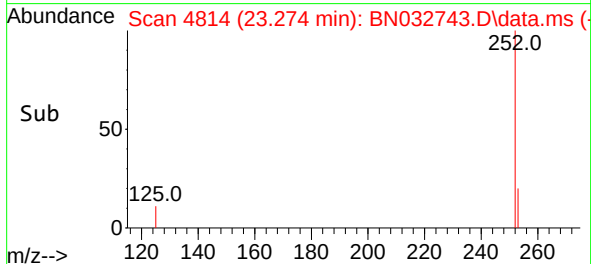
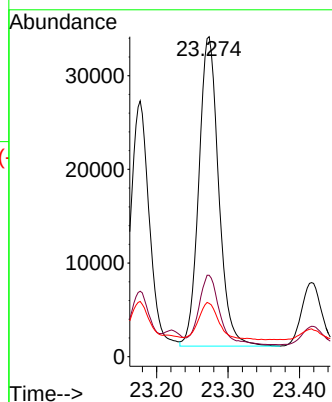
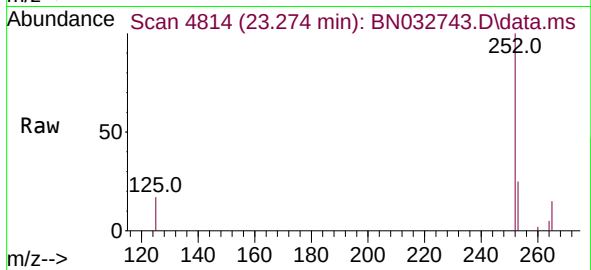
Tgt Ion:	252	Resp:	63794
Ion Ratio	Lower	Upper	
252	100		
253	25.4	25.4	38.0
125	16.7	20.6	30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/19/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.934 ng/ul

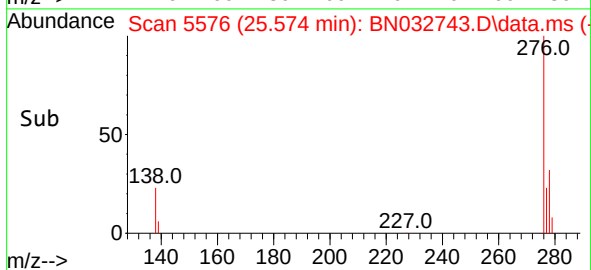
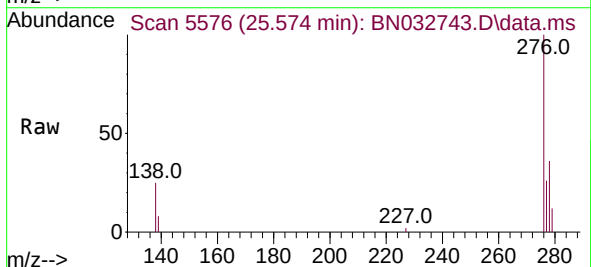
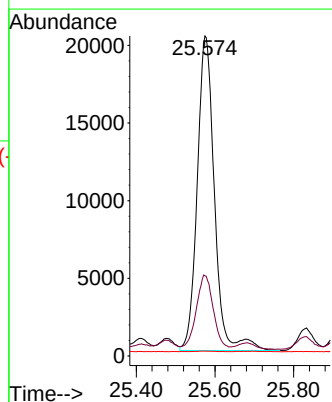
RT: 25.574 min Scan# 5576

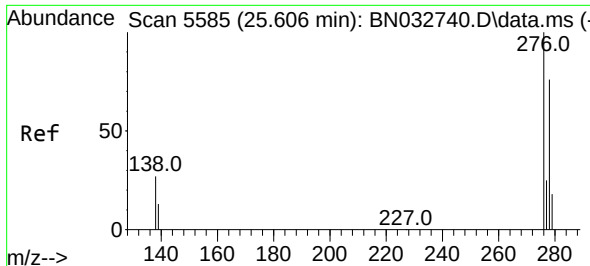
Delta R.T. -0.052 min

Lab File: BN032743.D

Acq: 16 Jul 2024 16:28

Tgt Ion:	276	Resp:	61527
Ion Ratio	Lower	Upper	
276	100		
138	22.1	21.6	32.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.463 ng/ul
RT: 25.574 min Scan# 51
Delta R.T. -0.065 min
Lab File: BN032743.D
Acq: 16 Jul 2024 16:28

Instrument :

BNA_N

ClientSampleId :

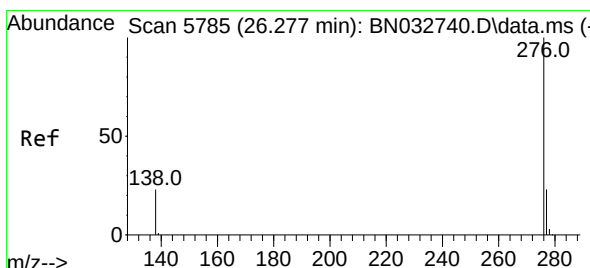
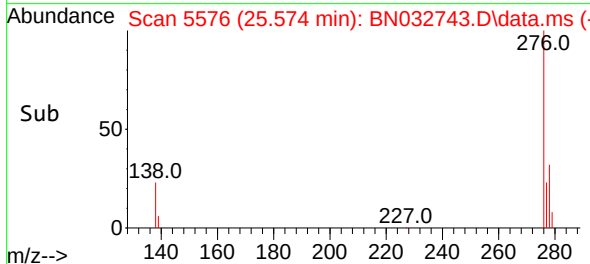
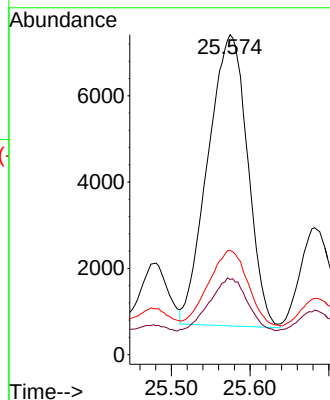
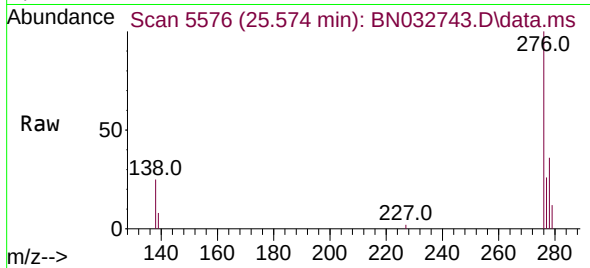
A4BR8DL

Tgt Ion:278 Resp: 2365
Ion Ratio Lower Upper
278 100
139 23.5 16.6 24.8
279 32.6 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: 0.724 ng/ul
RT: 26.255 min Scan# 5779
Delta R.T. -0.045 min
Lab File: BN032743.D
Acq: 16 Jul 2024 16:28

Tgt Ion:276 Resp: 39873
Ion Ratio Lower Upper
276 100
138 25.9 21.0 31.4
277 26.5 20.6 31.0

