

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032951.D
 Acq On : 24 Jul 2024 16:36
 Operator : MA/JU
 Sample : P3201-15DL 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CH9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 17:27:12 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	3853	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	14944	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.174	164	7918	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.940	188	12910	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	10636	0.400	ng/ul	# 0.00
23) Perylene-d12	23.351	264	12410m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3450	0.746	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	940	0.042	ng/ul	-0.02
18) Fluoranthene-d10	18.980	212	1519	0.044	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	1638	0.041	ng/ul#	81
7) 2-Methylnaphthalene	11.988	142	762	0.030	ng/ul	96
10) Acenaphthylene	13.892	152	980	0.031	ng/ul#	74
11) Acenaphthene	14.239	153	2883	0.109	ng/ul	98
12) Fluorene	15.238	166	2538	0.084	ng/ul#	99
15) Phenanthrene	16.978	178	29349	0.835	ng/ul	100
16) Anthracene	17.075	178	6711	0.234	ng/ul#	93
19) Fluoranthene	19.013	202	38272	0.885	ng/ul	99
20) Pyrene	19.375	202	26547	0.593	ng/ul	99
21) Benzo(a)anthracene	21.141	228	18376	0.543	ng/ul#	93
22) Chrysene	21.197	228	16670	0.340	ng/ul#	93
24) Benzo(b)fluoranthene	22.699	252	22470m	0.513	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	9491m	0.178	ng/ul	
26) Benzo(a)pyrene	23.254	252	8837	0.233	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	25.566	276	8420	0.164	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.555	278	2914	0.073	ng/ul#	1
29) Benzo(g,h,i)perylene	26.250	276	1197	0.028	ng/ul#	1

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

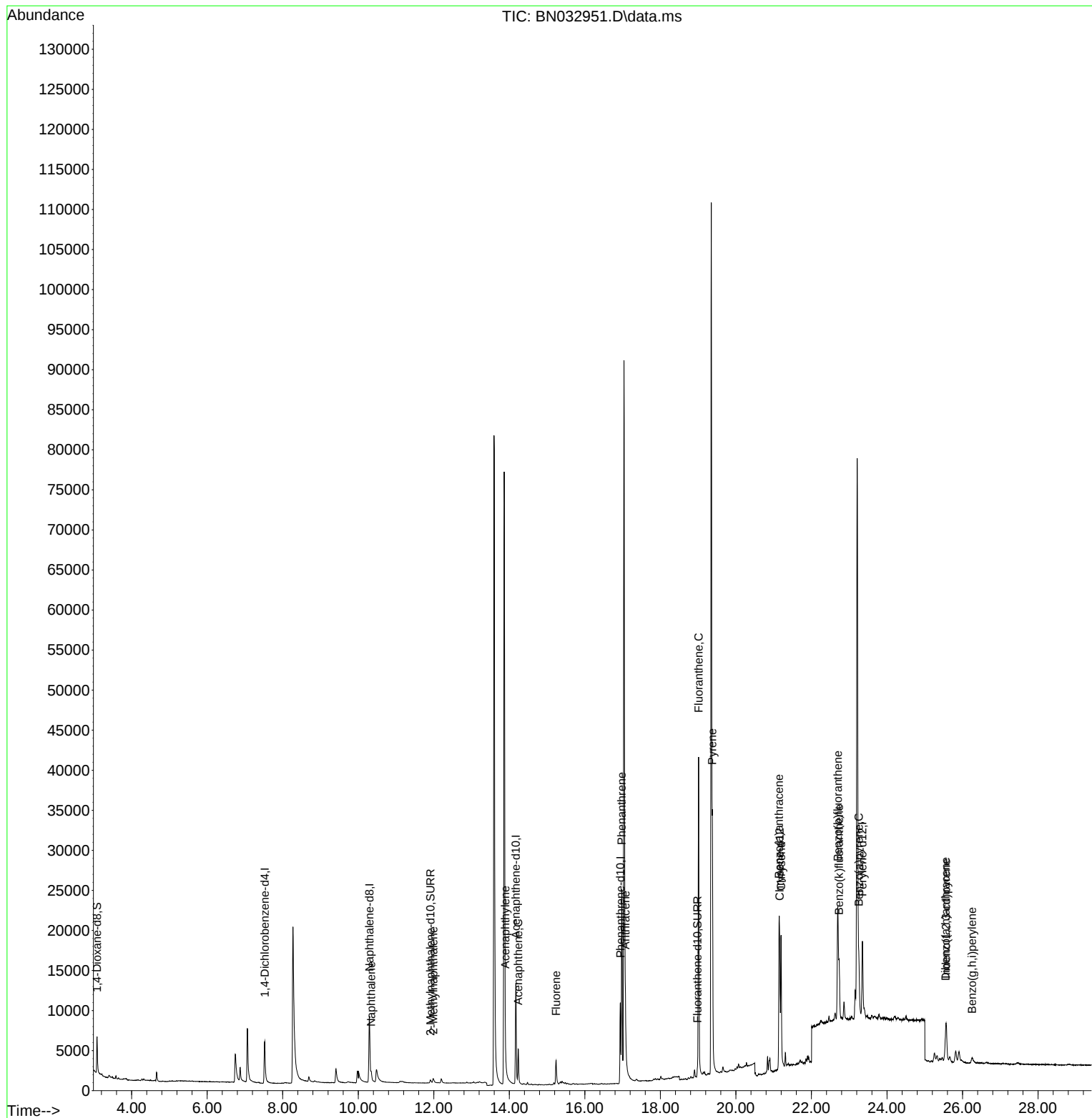
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032951.D
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ALS Vial : 62 Sample Multiplier: 1

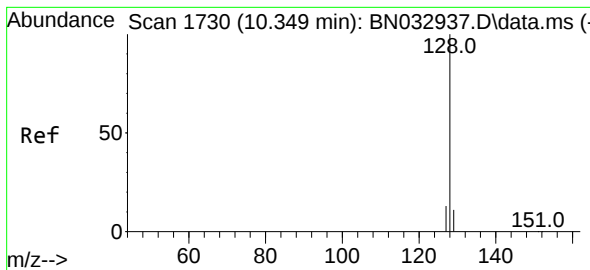
Instrument :
BNA_N
ClientSampleId :
A4CH9DL

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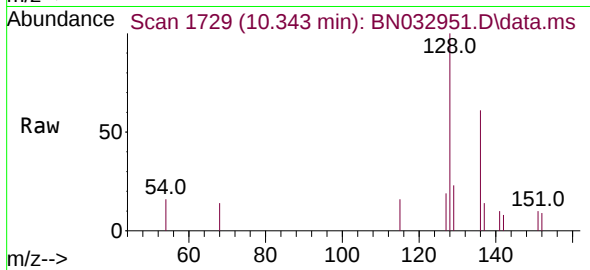
Quant Time: Jul 24 17:27:12 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.021 min
Lab File: BN032951.D
Acq: 24 Jul 2024 16:36

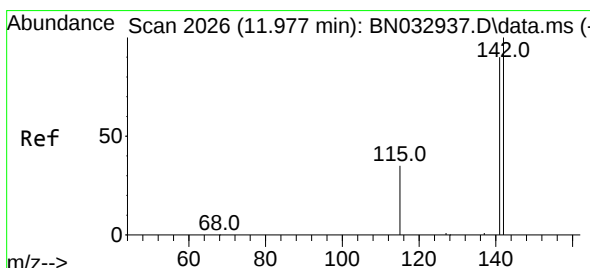
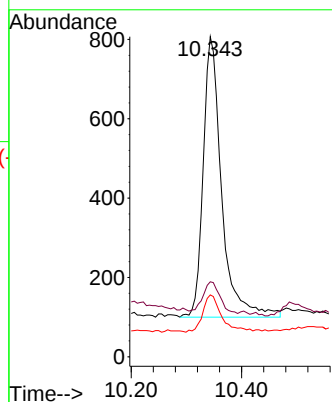
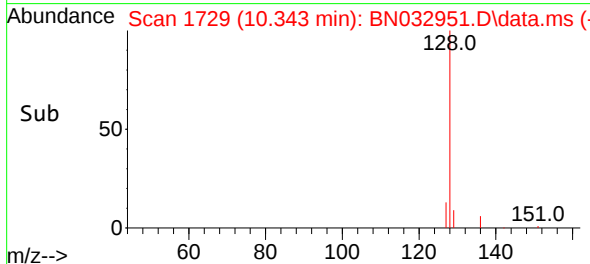
Instrument :
BNA_N
ClientSampleId :
A4CH9DL



Tgt Ion:128 Resp: 1638
Ion Ratio Lower Upper
128 100
129 23.4 10.0 15.0
127 19.3 11.6 17.4

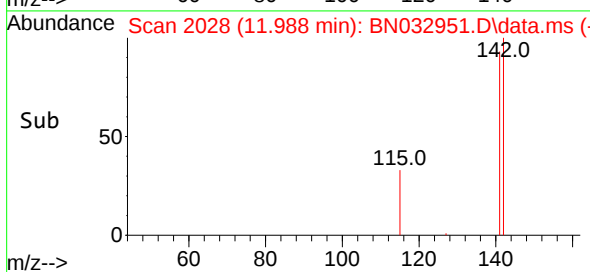
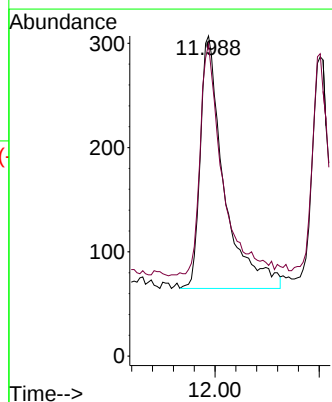
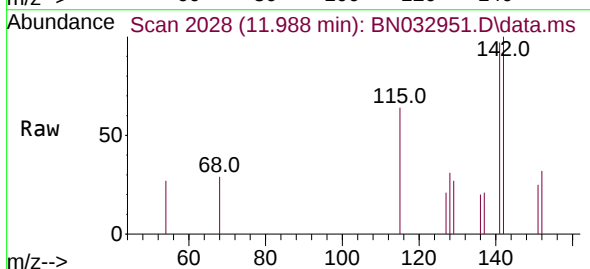
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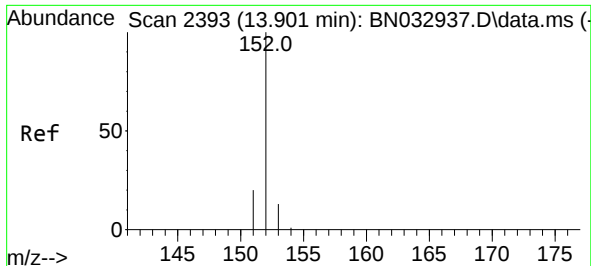
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 11.988 min Scan# 2028
Delta R.T. -0.010 min
Lab File: BN032951.D
Acq: 24 Jul 2024 16:36

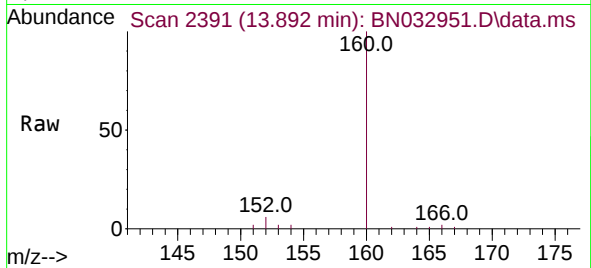
Tgt Ion:142 Resp: 762
Ion Ratio Lower Upper
142 100
141 88.3 74.0 111.0





#10
Acenaphthylene
Concen: 0.031 ng/u1
RT: 13.892 min Scan# 21
Delta R.T. -0.022 min
Lab File: BN032951.D
Acq: 24 Jul 2024 16:36

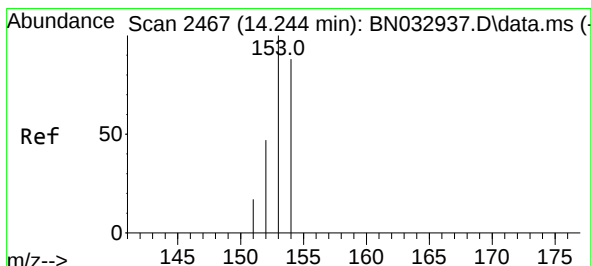
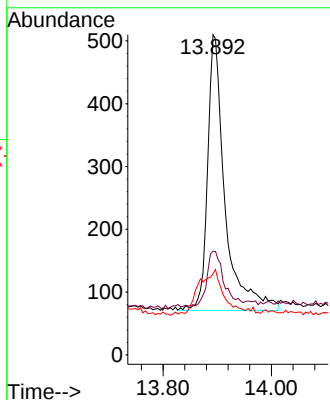
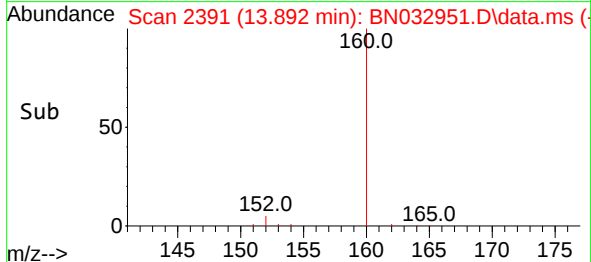
Instrument :
BNA_N
ClientSampleId :
A4CH9DL



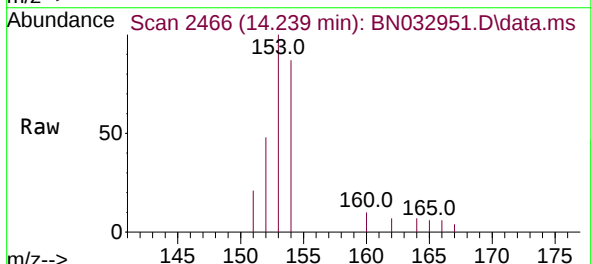
Tgt Ion:152 Resp: 980
Ion Ratio Lower Upper
152 100
151 32.4 16.3 24.5
153 25.3 11.3 16.9

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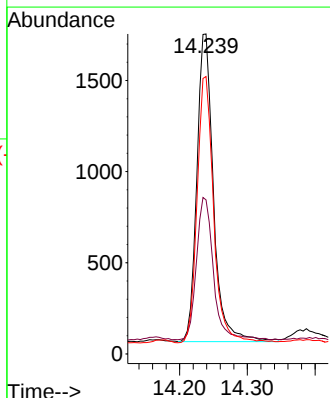
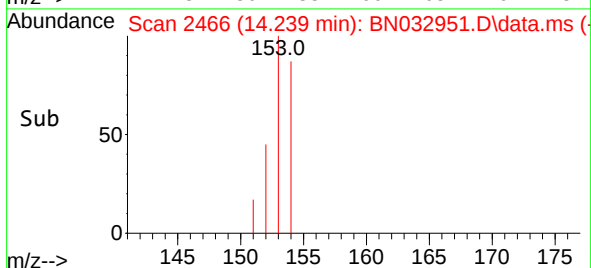
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

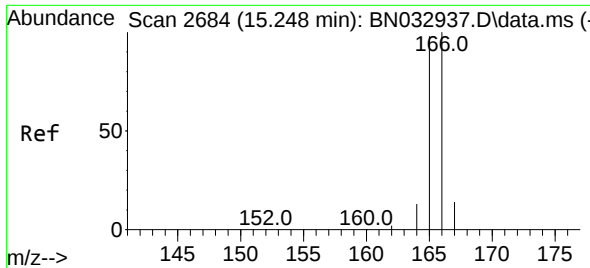


#11
Acenaphthene
Concen: 0.109 ng/u1
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032951.D
Acq: 24 Jul 2024 16:36



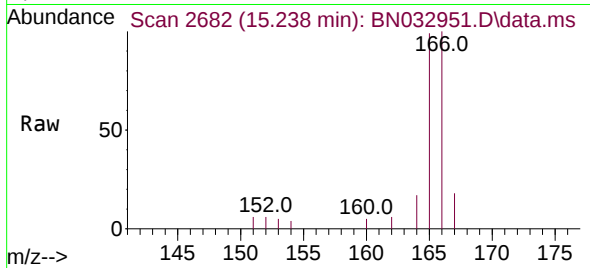
Tgt Ion:153 Resp: 2883
Ion Ratio Lower Upper
153 100
152 48.1 40.0 60.0
154 86.7 70.2 105.4





#12
Fluorene
Concen: 0.084 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032951.D
Acq: 24 Jul 2024 16:36

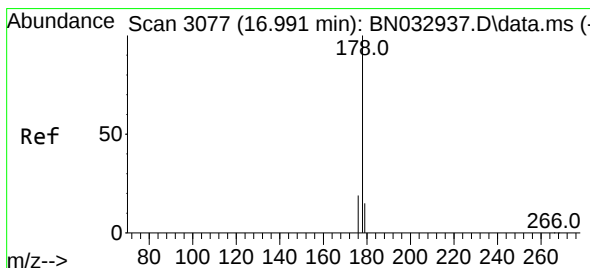
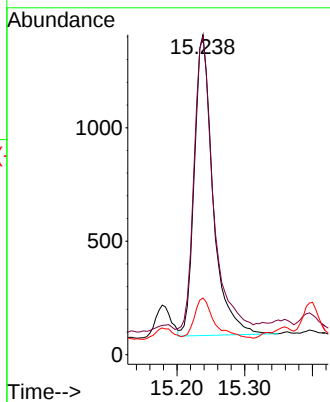
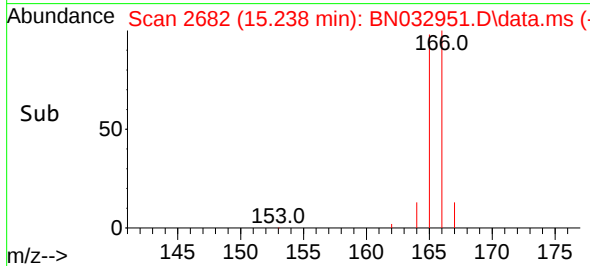
Instrument :
BNA_N
ClientSampleId :
A4CH9DL



Tgt Ion:166 Resp: 2538
Ion Ratio Lower Upper
166 100
165 99.3 79.7 119.5
167 17.7 11.4 17.2

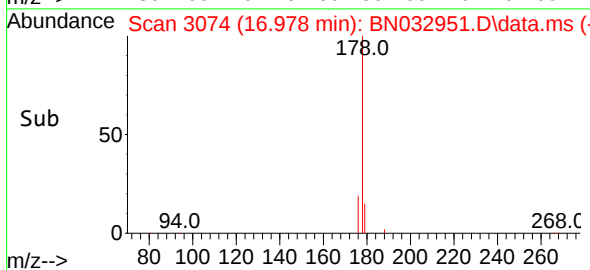
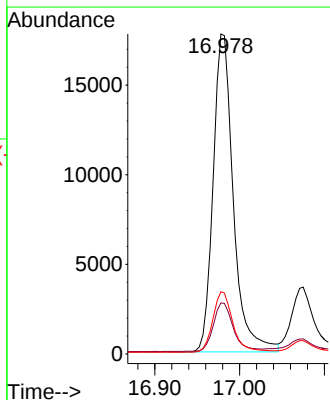
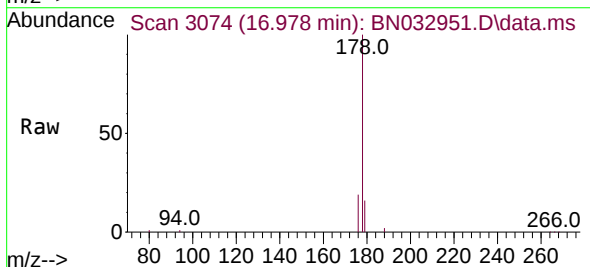
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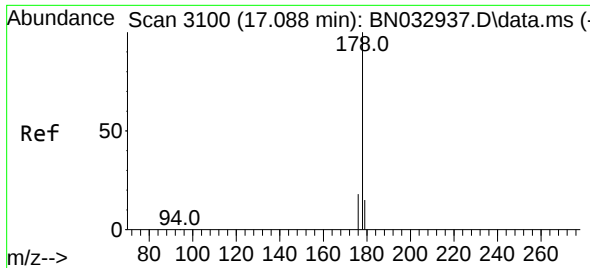
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#15
Phenanthrene
Concen: 0.835 ng/ul
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032951.D
Acq: 24 Jul 2024 16:36

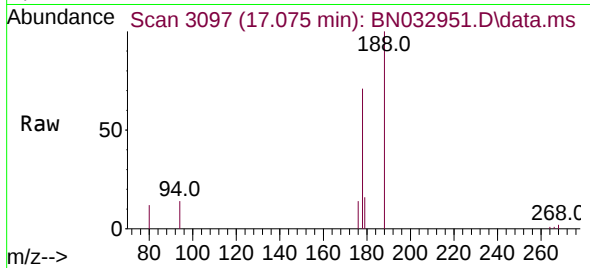
Tgt Ion:178 Resp: 29349
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 19.4 15.6 23.4





#16
 Anthracene
 Concen: 0.234 ng/ul
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.024 min
 Lab File: BN032951.D
 Acq: 24 Jul 2024 16:36

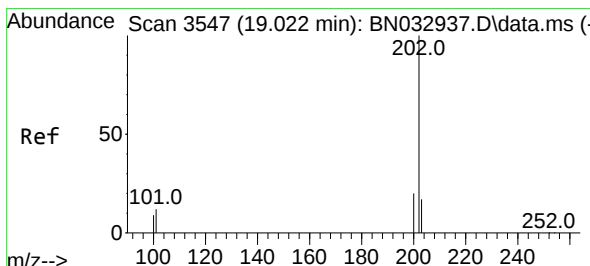
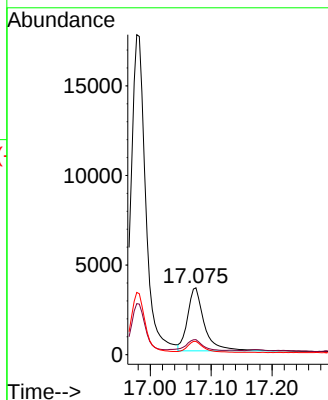
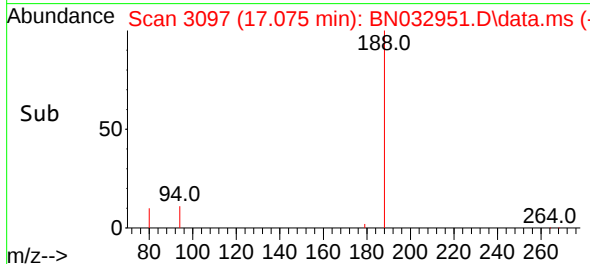
Instrument :
 BNA_N
 ClientSampleId :
 A4CH9DL



Tgt Ion:178 Resp: 671
 Ion Ratio Lower Upper
 178 100
 179 22.5 13.4 20.2
 176 19.9 15.4 23.0

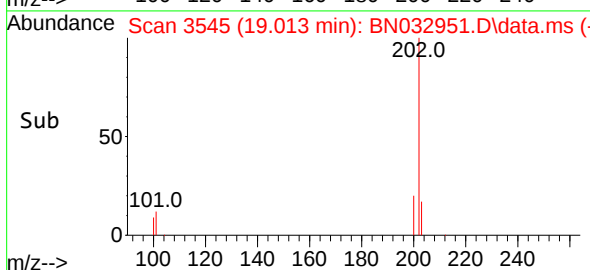
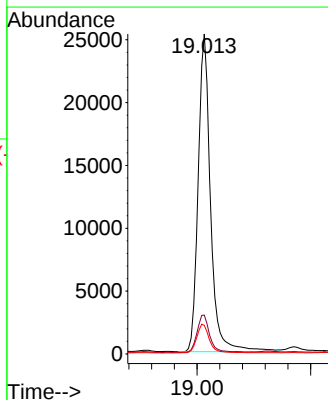
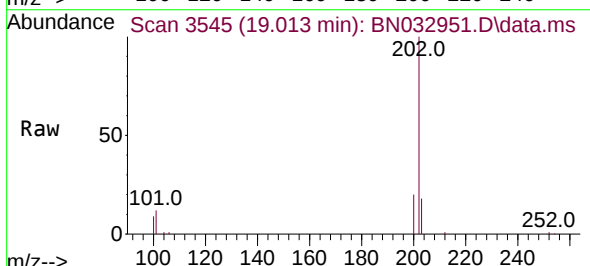
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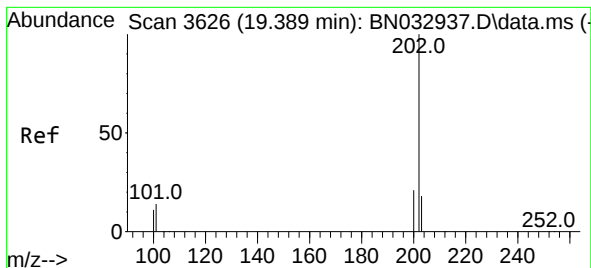
Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/26/2024



#19
 Fluoranthene
 Concen: 0.885 ng/ul
 RT: 19.013 min Scan# 3545
 Delta R.T. -0.013 min
 Lab File: BN032951.D
 Acq: 24 Jul 2024 16:36

Tgt Ion:202 Resp: 38272
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.8 14.8
 100 9.0 7.9 11.9





#20

Pyrene

Concen: 0.593 ng/u1

RT: 19.375 min Scan# 30

Delta R.T. -0.017 min

Lab File: BN032951.D

Acq: 24 Jul 2024 16:36

Instrument :

BNA_N

ClientSampleId :

A4CH9DL

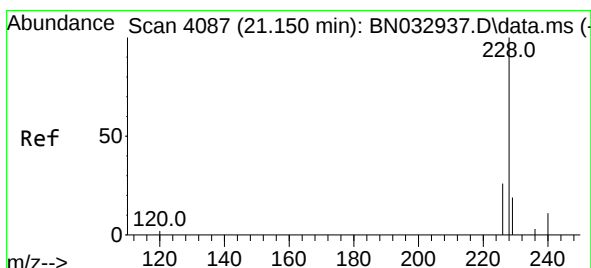
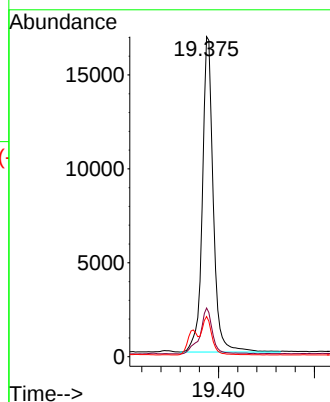
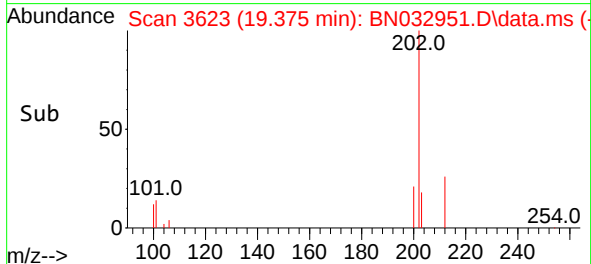
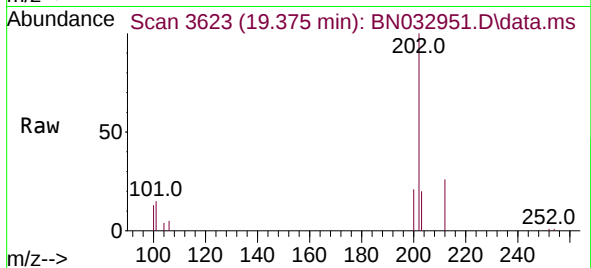
Tgt Ion:	202	Resp:	2654
Ion Ratio	Lower	Upper	
202	100		
101	15.2	11.8	17.6
100	12.6	9.6	14.4

Manual Integrations

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Supervised By :mohammad ahmed 07/26/2024



#21

Benzo(a)anthracene

Concen: 0.543 ng/u1

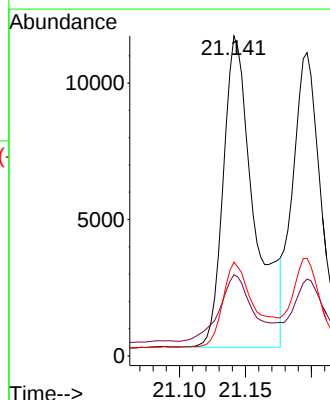
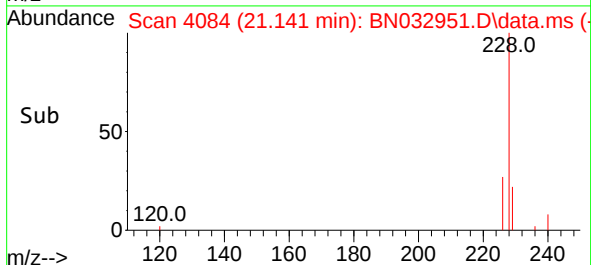
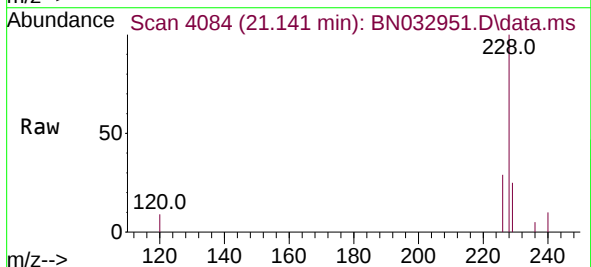
RT: 21.141 min Scan# 4084

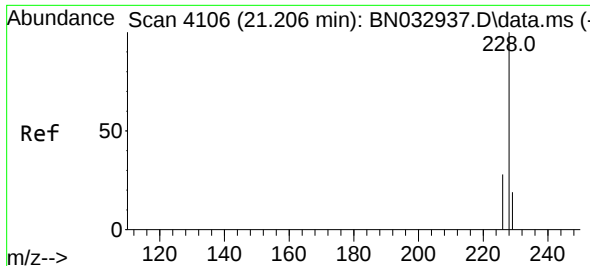
Delta R.T. -0.009 min

Lab File: BN032951.D

Acq: 24 Jul 2024 16:36

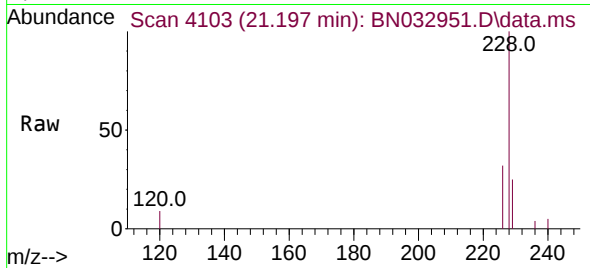
Tgt Ion:	228	Resp:	18376
Ion Ratio	Lower	Upper	
228	100		
229	25.4	16.1	24.1#
226	29.3	21.9	32.9





#22
Chrysene
Concen: 0.340 ng/ul
RT: 21.197 min Scan# 4106
Delta R.T. -0.006 min
Lab File: BN032951.D
Acq: 24 Jul 2024 16:36

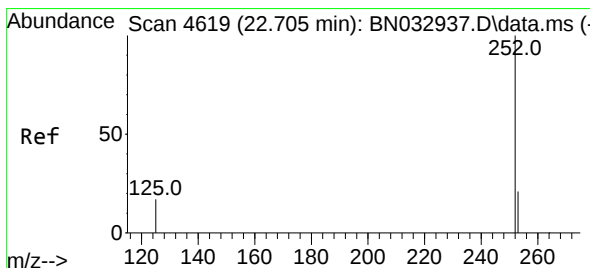
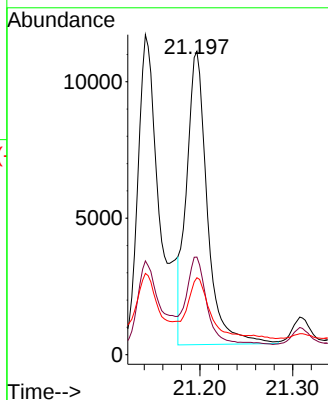
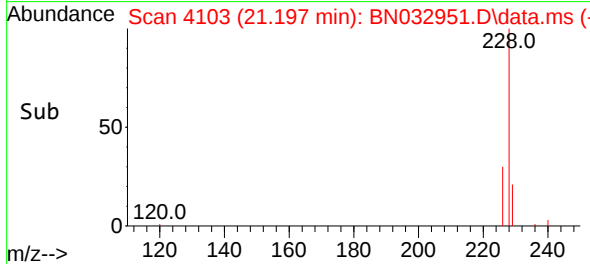
Instrument :
BNA_N
ClientSampleId :
A4CH9DL



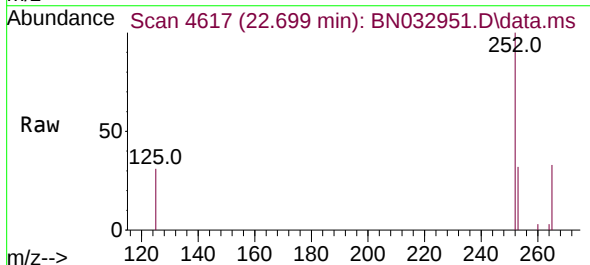
Tgt Ion:228 Resp: 16670
Ion Ratio Lower Upper
228 100
226 32.2 24.0 36.0
229 25.4 15.8 23.6

Manual Integrations
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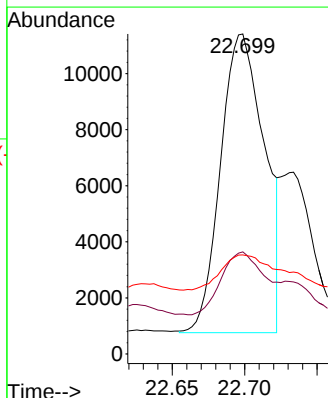
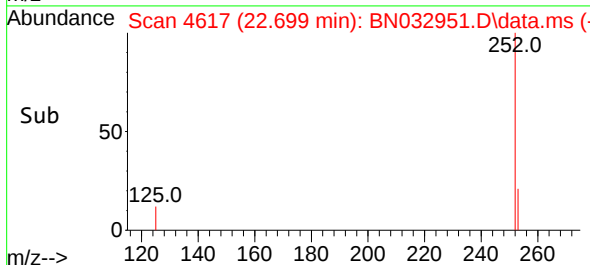
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

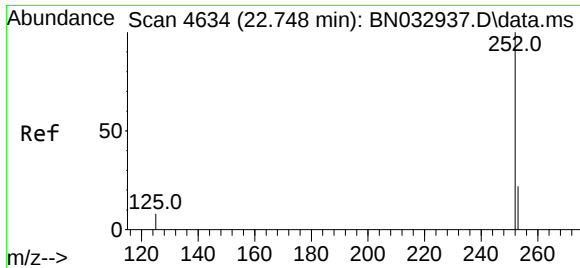


#24
Benzo(b)fluoranthene
Concen: 0.513 ng/ul m
RT: 22.699 min Scan# 4617
Delta R.T. -0.000 min
Lab File: BN032951.D
Acq: 24 Jul 2024 16:36



Tgt Ion:252 Resp: 22470
Ion Ratio Lower Upper
252 100
253 31.9 0.0 54.0
125 31.0 0.0 36.0





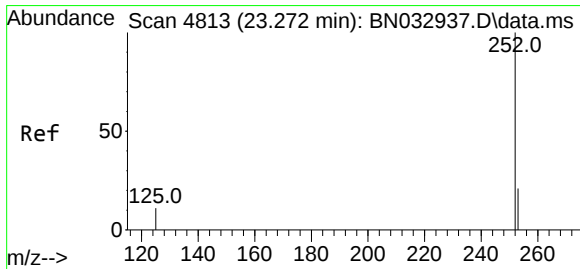
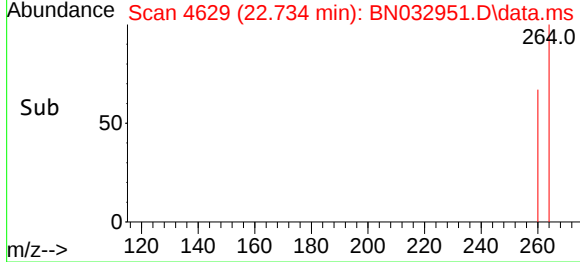
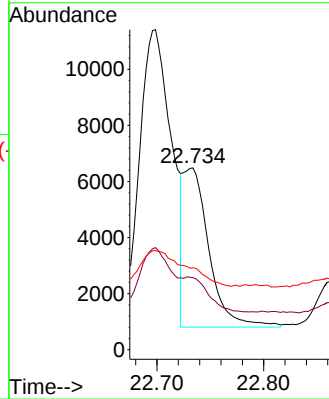
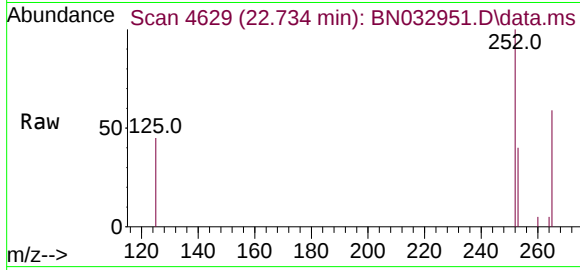
#25
Benzo(k)fluoranthene
Concen: 0.178 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.006 min
Lab File: BN032951.D
Acq: 24 Jul 2024 16:36

Instrument :
BNA_N
ClientSampleId :
A4CH9DL

Tgt Ion:	252	Resp:	949
Ion Ratio	Lower	Upper	
252	100		
253	39.6	21.2	31.8
125	45.1	14.8	22.2

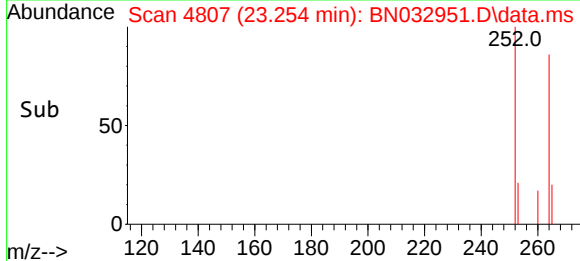
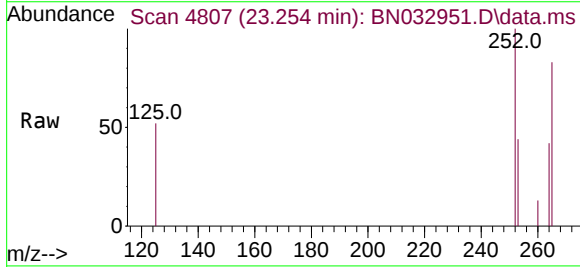
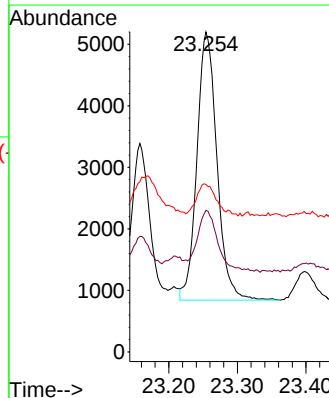
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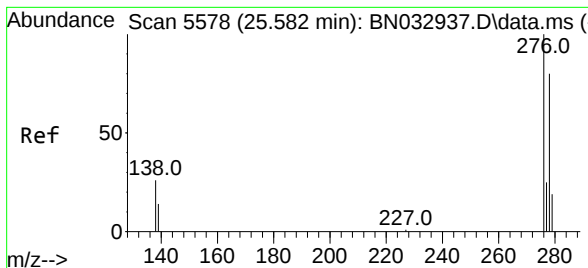
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024



#26
Benzo(a)pyrene
Concen: 0.233 ng/ul
RT: 23.254 min Scan# 4807
Delta R.T. -0.009 min
Lab File: BN032951.D
Acq: 24 Jul 2024 16:36

Tgt Ion:	252	Resp:	8837
Ion Ratio	Lower	Upper	
252	100		
253	44.3	25.4	38.0
125	52.4	20.6	30.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.164 ng/ul

RT: 25.566 min Scan# 5573

Delta R.T. -0.004 min

Lab File: BN032951.D

Acq: 24 Jul 2024 16:36

Instrument :

BNA_N

ClientSampleId :

A4CH9DL

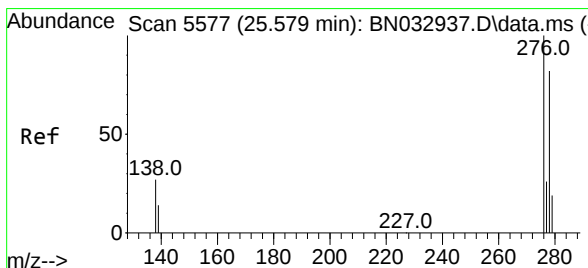
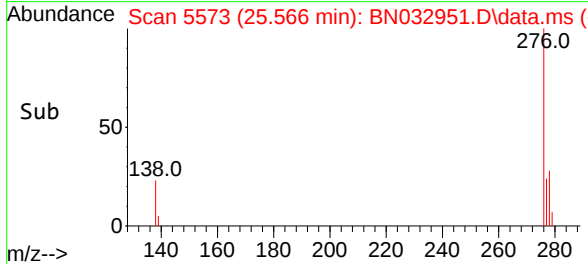
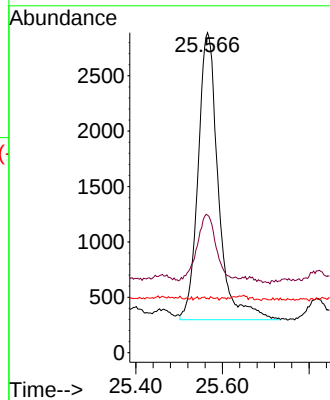
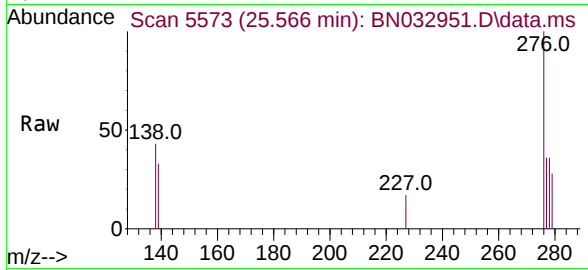
Tgt Ion:276 Resp: 8420
 Ion Ratio Lower Upper
 276 100
 138 21.8 21.6 32.4
 227 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/26/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.073 ng/ul

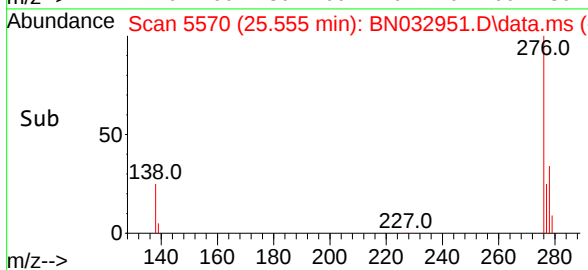
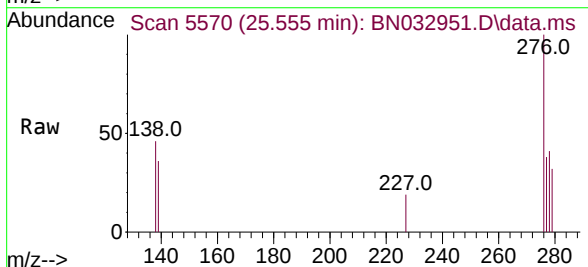
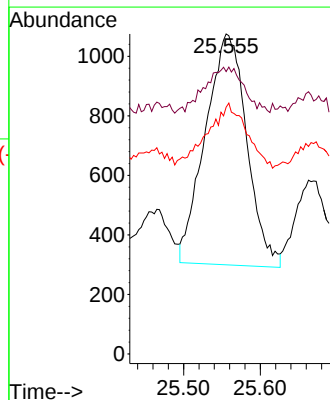
RT: 25.555 min Scan# 5570

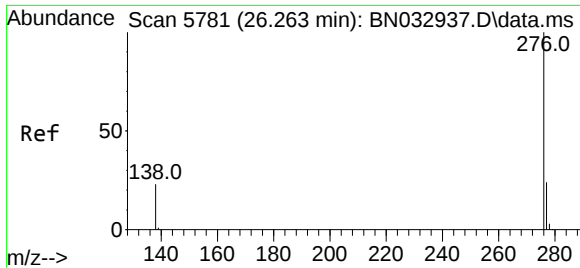
Delta R.T. -0.014 min

Lab File: BN032951.D

Acq: 24 Jul 2024 16:36

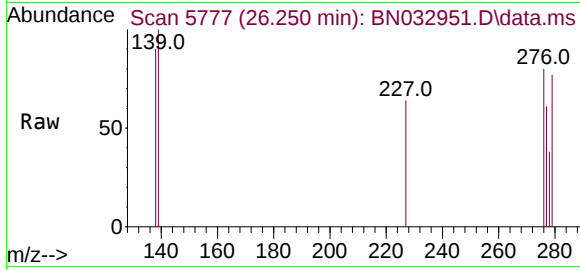
Tgt Ion:278 Resp: 2914
 Ion Ratio Lower Upper
 278 100
 139 88.3 16.6 24.8#
 279 77.1 23.7 35.5#





#29
Benzo(g,h,i)perylene
Concen: 0.028 ng/ul
RT: 26.250 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN032951.D
Acq: 24 Jul 2024 16:36

Instrument :
BNA_N
ClientSampleId :
A4CH9DL



Tgt Ion:	276	Resp:	119
Ion	Ratio	Lower	Upper
276	100		
138	111.4	21.0	31.4
277	76.3	20.6	31.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/26/2024

