

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032516.D
 Acq On : 05 Jul 2024 20:06
 Operator : MA/JU
 Sample : P2963-09DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 23:28:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	5638	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	15441	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.242	164	8250	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.998	188	15329	0.400	ng/ul	0.00
17) Chrysene-d12	21.207	240	14759	0.400	ng/ul	0.00
23) Perylene-d12	23.422	264	17607	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4555	0.727	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	999	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	2133	0.048	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.419	128	2114	0.052	ng/ul#	83
7) 2-Methylnaphthalene	12.058	142	818	0.030	ng/ul	100
8) 1-Methylnaphthalene	12.272	142	723	0.026	ng/ul	96
10) Acenaphthylene	13.965	152	4070	0.119	ng/ul#	94
11) Acenaphthene	14.303	153	2803	0.105	ng/ul	98
12) Fluorene	15.302	166	3845	0.121	ng/ul#	98
15) Phenanthrene	17.040	178	65981	1.570	ng/ul	99
16) Anthracene	17.133	178	14937	0.398	ng/ul	96
19) Fluoranthene	19.067	202	111961	1.992	ng/ul	98
20) Pyrene	19.434	202	81483	1.387	ng/ul	98
21) Benzo(a)anthracene	21.190	228	53792	1.010	ng/ul	98
22) Chrysene	21.242	228	53070	0.908	ng/ul	96
24) Benzo(b)fluoranthene	22.759	252	74483m	0.974	ng/ul	
25) Benzo(k)fluoranthene	22.797	252	29358m	0.395	ng/ul	
26) Benzo(a)pyrene	23.323	252	29694	0.558	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.658	276	28628	0.344	ng/ul	91
28) Dibenzo(a,h)anthracene	25.658	278	9207	0.149	ng/ul#	72
29) Benzo(g,h,i)perylene	26.349	276	4006	0.060	ng/ul#	54

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

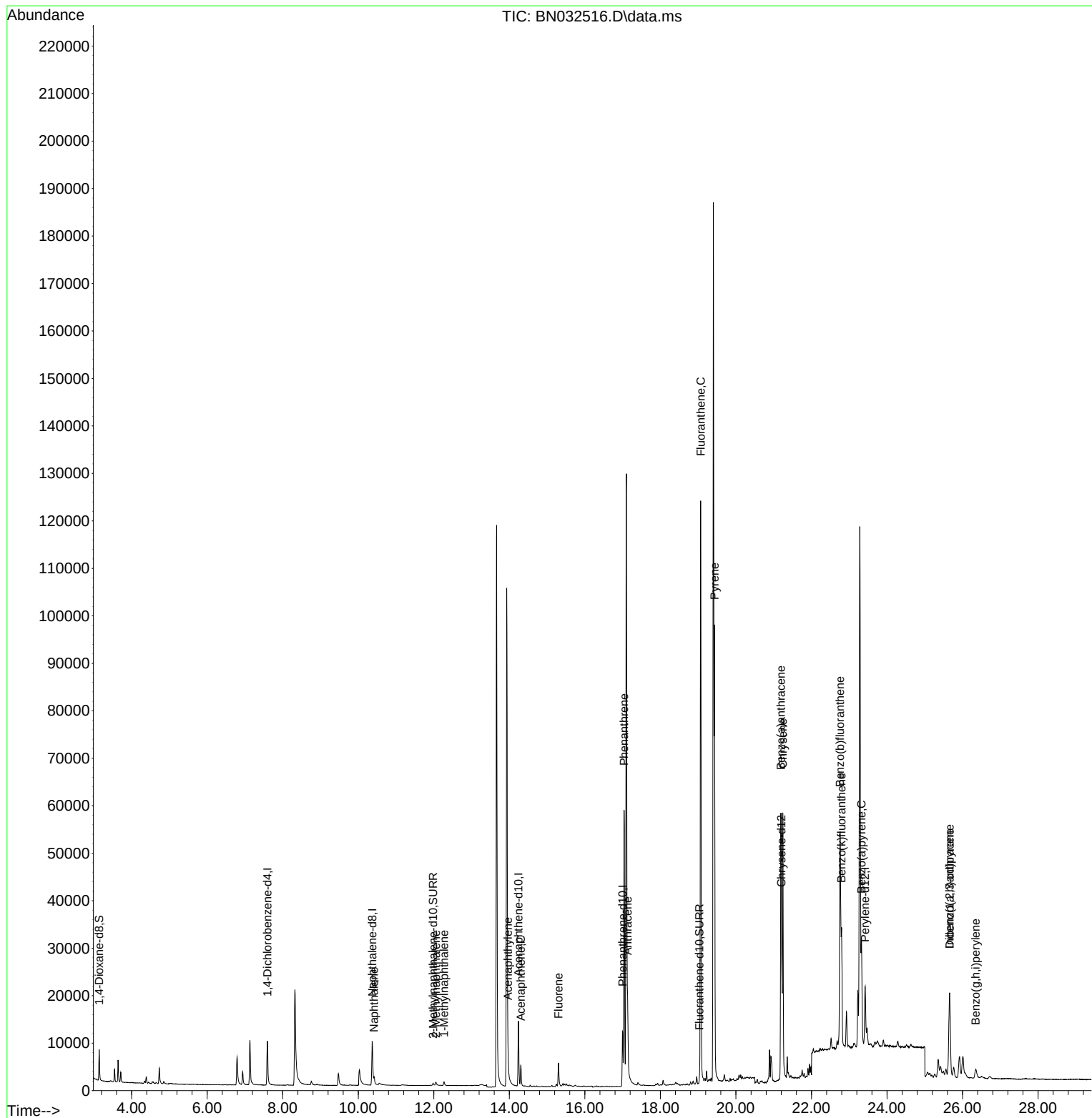
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032516.D
Acq On : 05 Jul 2024 20:06
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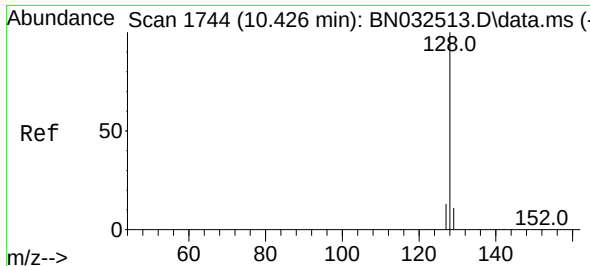
Instrument :
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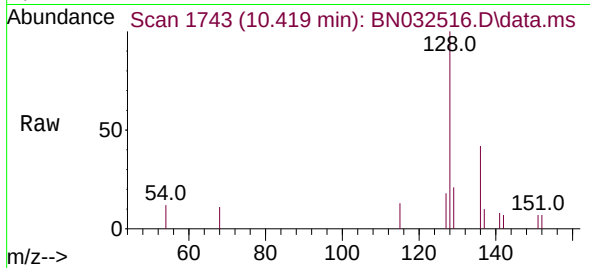
Quant Time: Jul 05 23:28:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.419 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

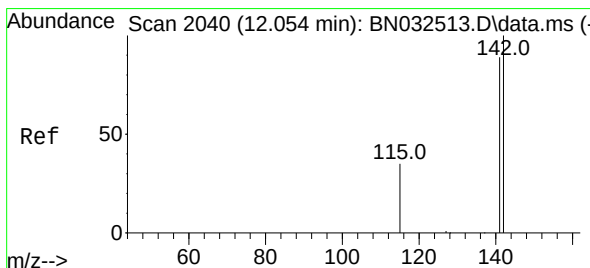
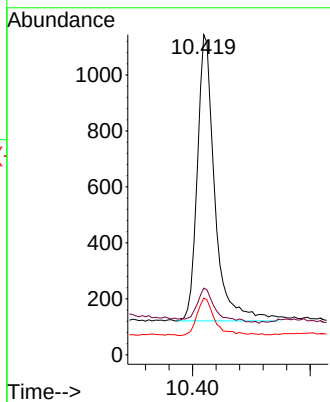
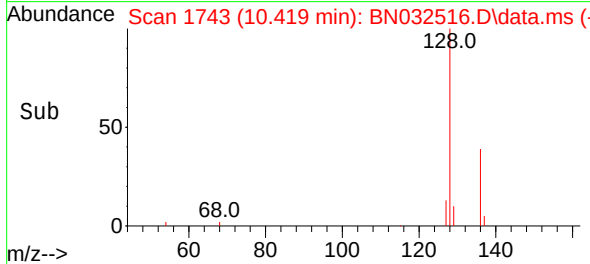
Instrument :
BNA_N
ClientSampleId :
A4CR0DL



Tgt Ion:128 Resp: 2114
Ion Ratio Lower Upper
128 100
129 20.8 9.2 13.8
127 17.7 10.8 16.2

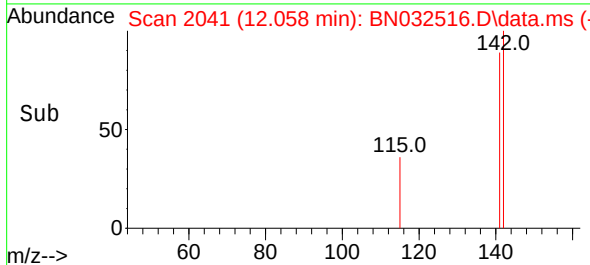
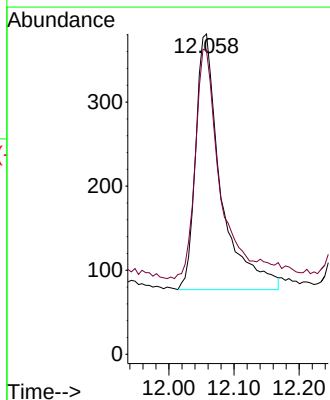
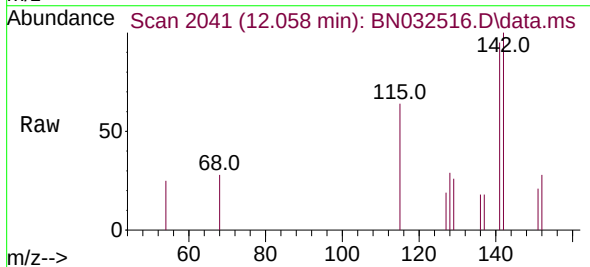
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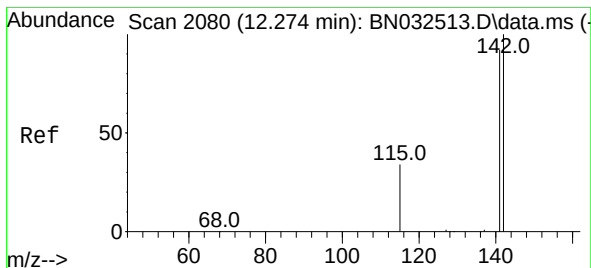
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.058 min Scan# 2041
Delta R.T. 0.004 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

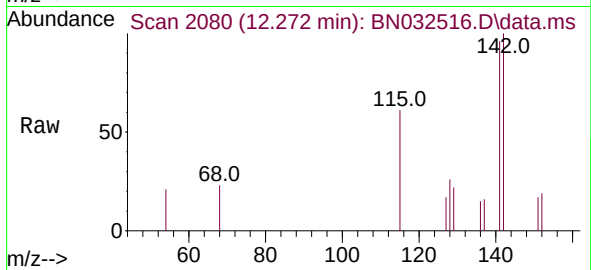
Tgt Ion:142 Resp: 818
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.272 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

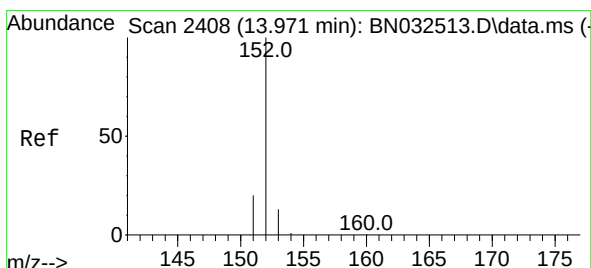
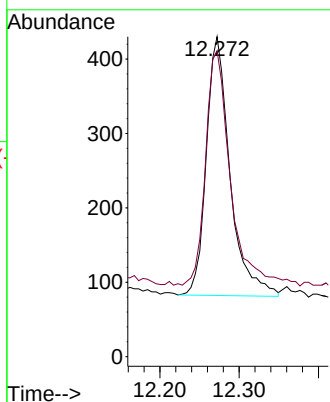
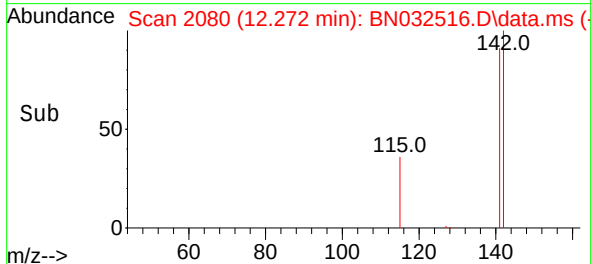
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 723
Ion Ratio Lower Upper
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141 95.3 73.4 110.0

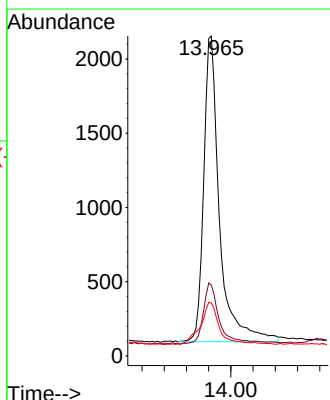
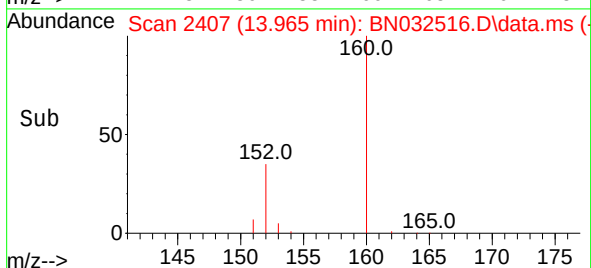
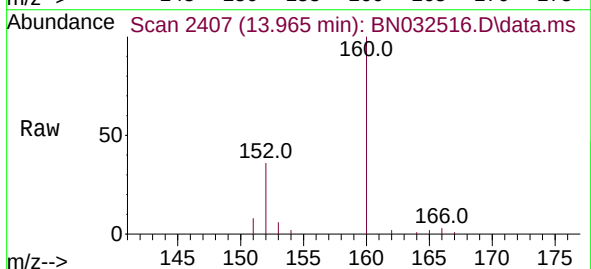
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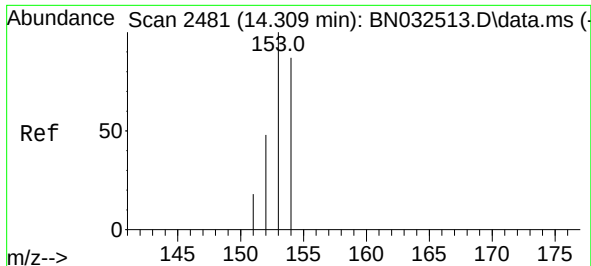
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.119 ng/ul
RT: 13.965 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

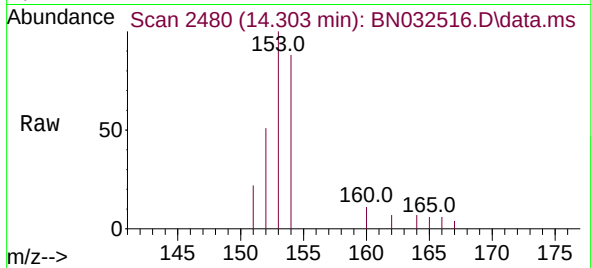
Tgt Ion:152 Resp: 4070
Ion Ratio Lower Upper
152 100
151 22.1 15.7 23.5
153 16.5 10.9 16.3#





#11
Acenaphthene
Concen: 0.105 ng/ul
RT: 14.303 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

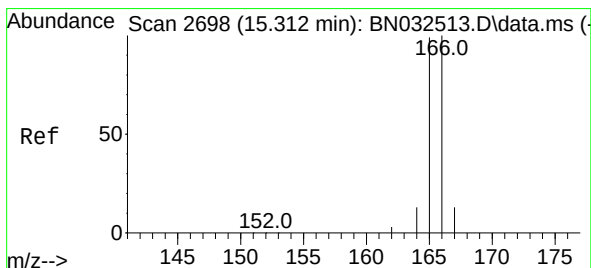
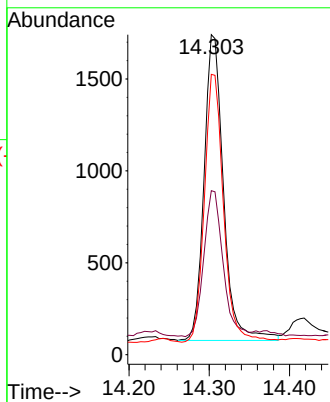
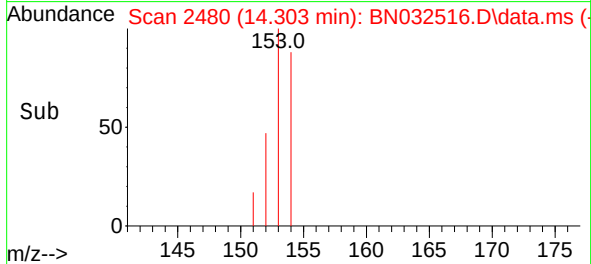
Instrument :
BNA_N
ClientSampleId :
A4CR0DL



Tgt Ion:153 Resp: 2800
Ion Ratio Lower Upper
153 100
152 51.2 39.5 59.3
154 87.6 71.7 107.5

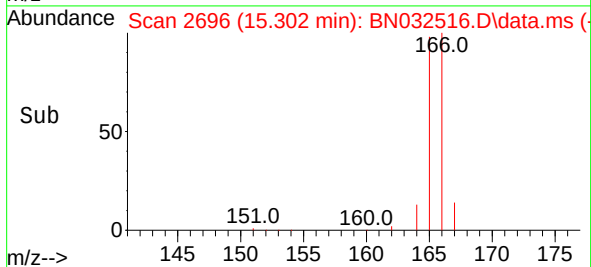
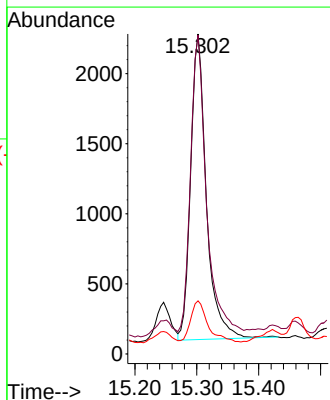
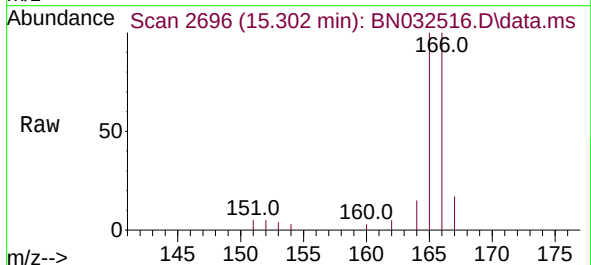
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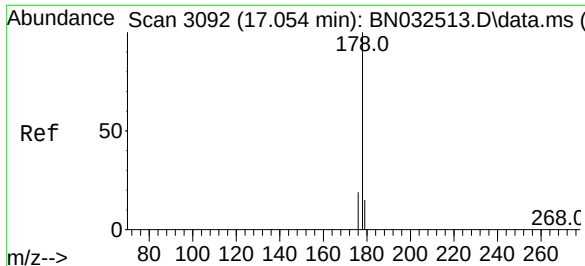
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.121 ng/ul
RT: 15.302 min Scan# 2696
Delta R.T. -0.011 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

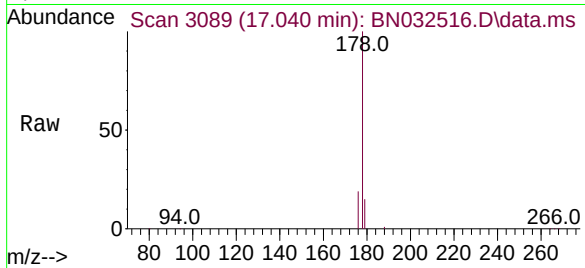
Tgt Ion:166 Resp: 3845
Ion Ratio Lower Upper
166 100
165 99.6 79.0 118.6
167 16.6 11.0 16.6#





#15
Phenanthrene
Concen: 1.570 ng/ul
RT: 17.040 min Scan# 3092
Delta R.T. -0.010 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

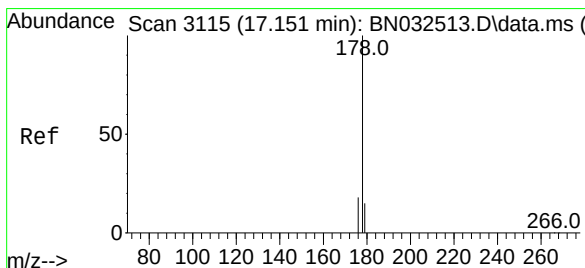
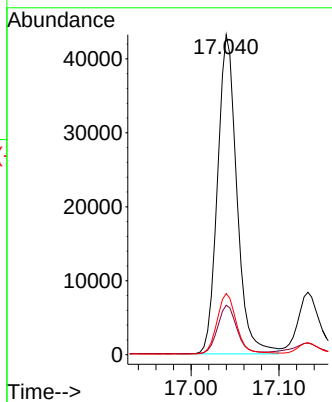
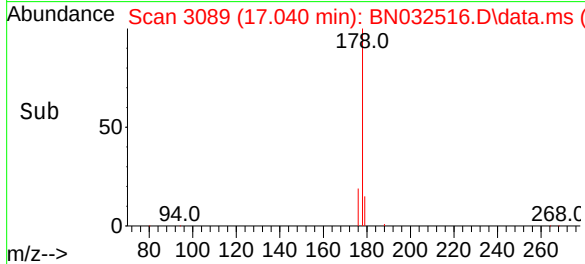
Instrument :
BNA_N
ClientSampleId :
A4CR0DL



Tgt Ion:178 Resp: 6598
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.1 15.6 23.4

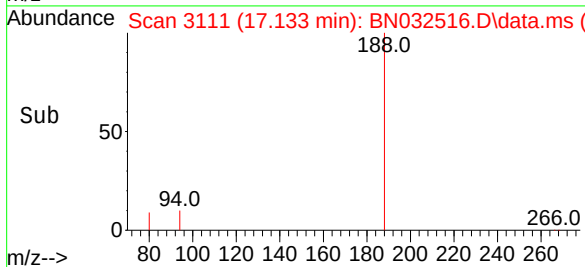
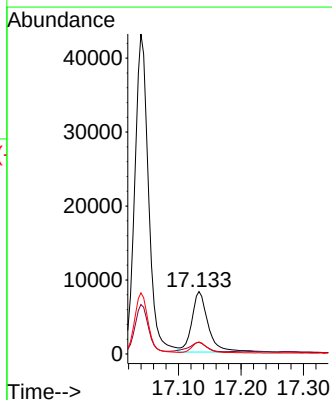
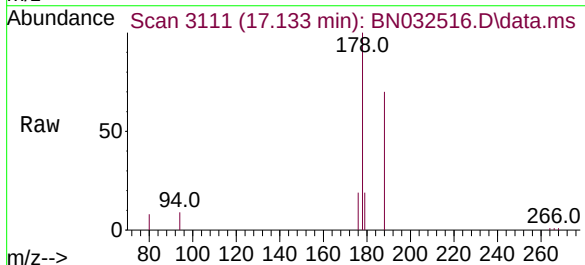
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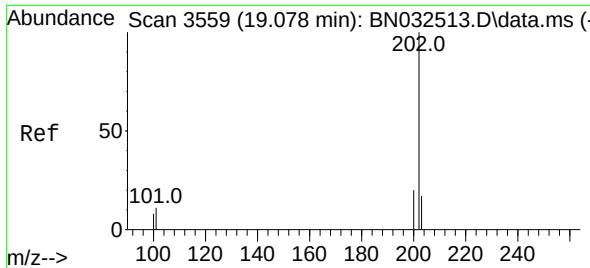
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.398 ng/ul
RT: 17.133 min Scan# 3111
Delta R.T. -0.010 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

Tgt Ion:178 Resp: 14937
Ion Ratio Lower Upper
178 100
179 18.5 12.5 18.7
176 19.2 15.0 22.6





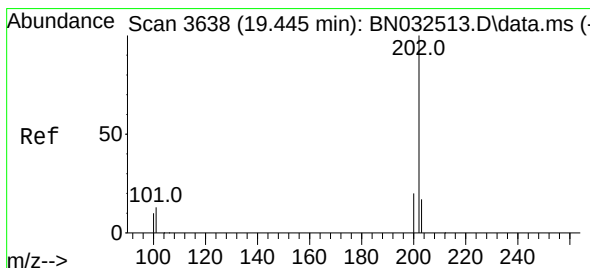
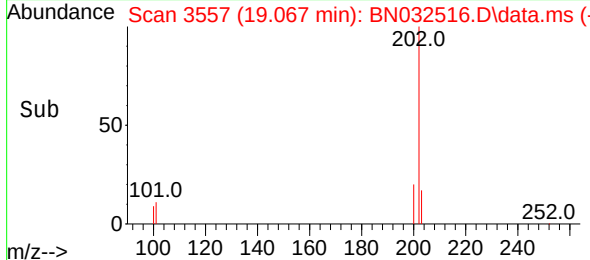
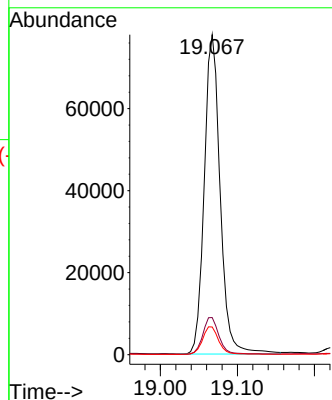
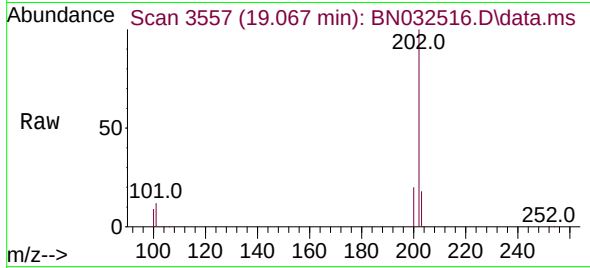
#19
Fluoranthene
Concen: 1.992 ng/ul
RT: 19.067 min Scan# 3557
Delta R.T. -0.006 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

Instrument :
BNA_N
ClientSampleId :
A4CR0DL

Tgt Ion:202 Resp: 11196
Ion Ratio Lower Upper
202 100
101 11.6 8.8 13.2
100 8.6 6.4 9.6

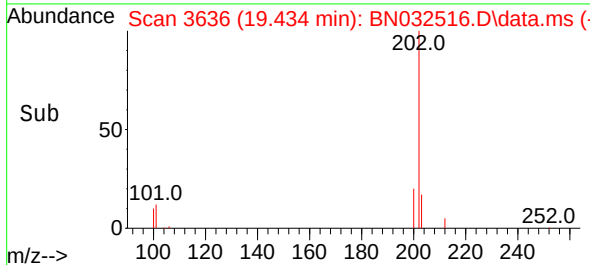
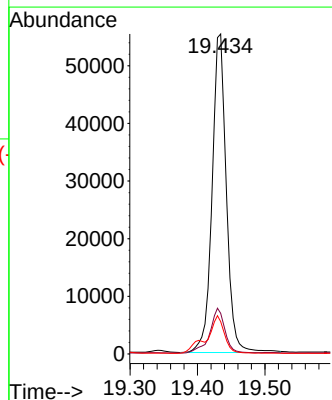
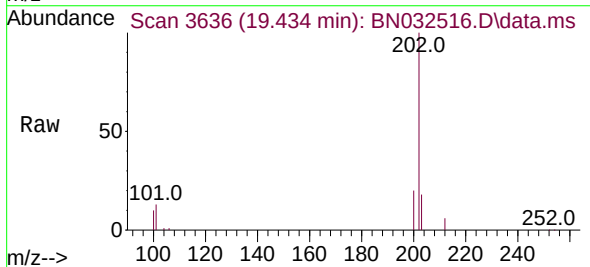
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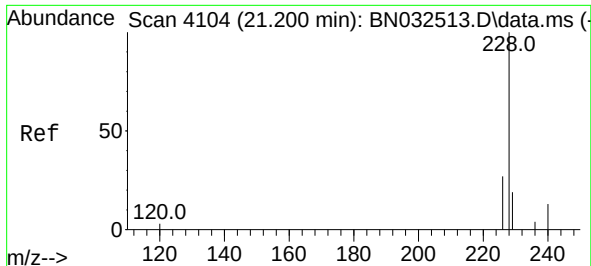
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#20
Pyrene
Concen: 1.387 ng/ul
RT: 19.434 min Scan# 3636
Delta R.T. -0.006 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

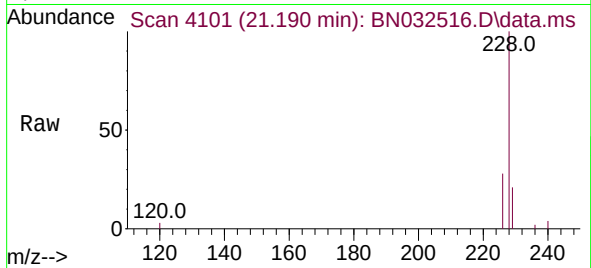
Tgt Ion:202 Resp: 81483
Ion Ratio Lower Upper
202 100
101 12.7 11.0 16.4
100 10.1 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.010 ng/ul
RT: 21.190 min Scan# 4119
Delta R.T. -0.001 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

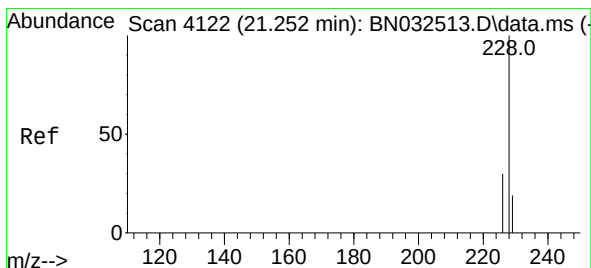
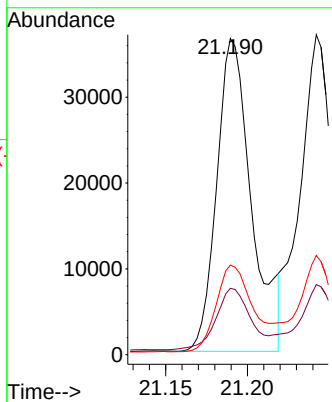
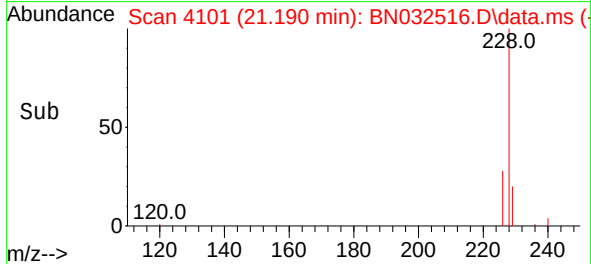
Instrument :
BNA_N
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A4CR0DL



Tgt Ion:228 Resp: 53792
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 28.4 21.8 32.8

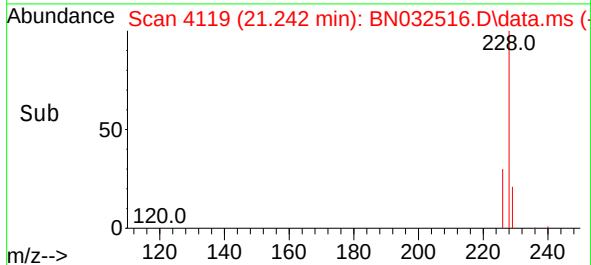
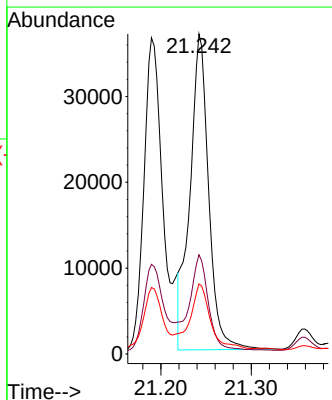
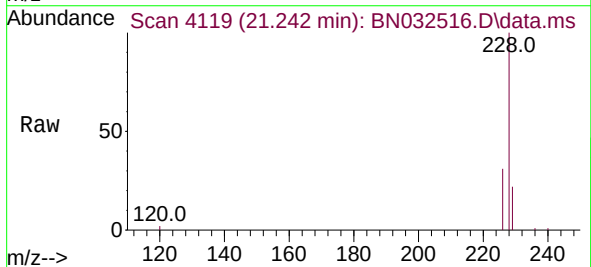
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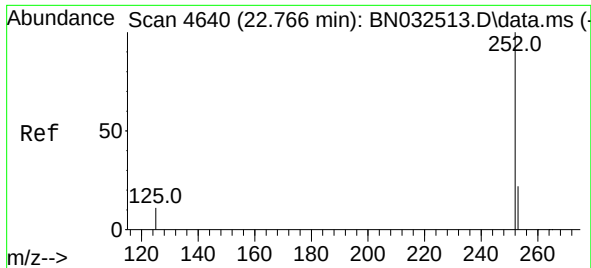
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.908 ng/ul
RT: 21.242 min Scan# 4119
Delta R.T. -0.001 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

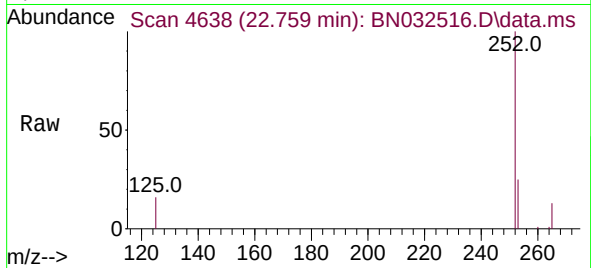
Tgt Ion:228 Resp: 53070
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 21.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.974 ng/ul m
RT: 22.759 min Scan# 4638
Delta R.T. 0.002 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

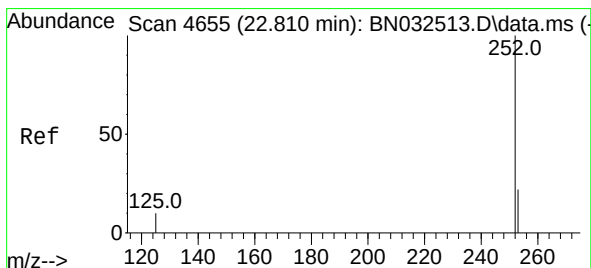
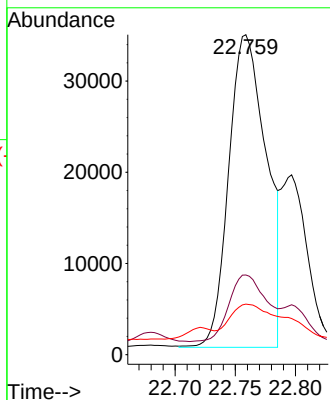
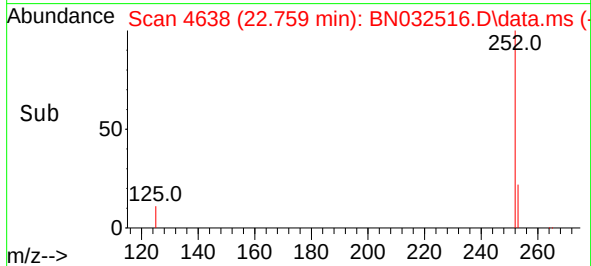
Instrument :
BNA_N
ClientSampleId :
A4CR0DL



Tgt Ion:252 Resp: 74483
Ion Ratio Lower Upper
252 100
253 24.9 0.0 50.2
125 15.8 0.0 32.0

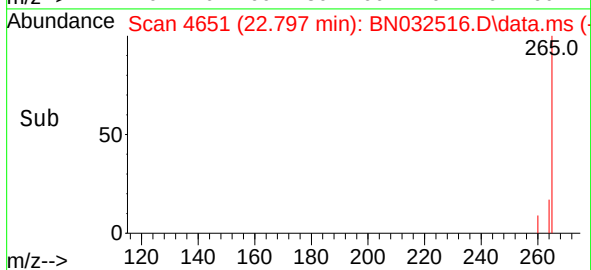
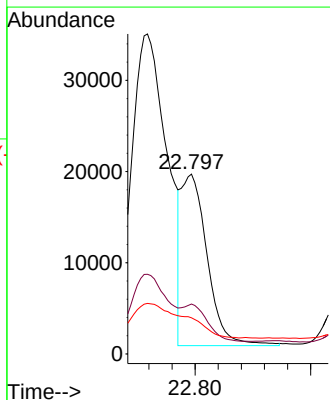
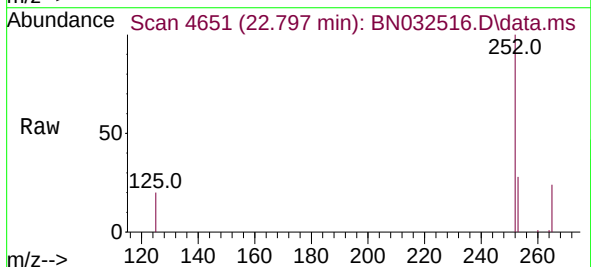
Manual Integrations
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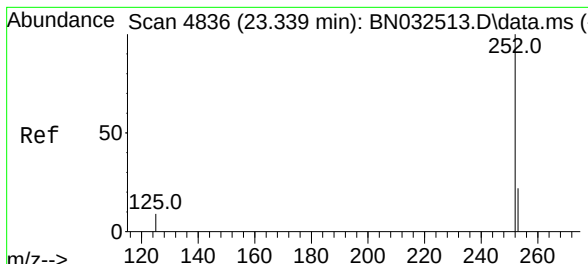
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul m
RT: 22.797 min Scan# 4651
Delta R.T. -0.004 min
Lab File: BN032516.D
Acq: 05 Jul 2024 20:06

Tgt Ion:252 Resp: 29358
Ion Ratio Lower Upper
252 100
253 27.8 20.3 30.5
125 20.1 12.8 19.2#



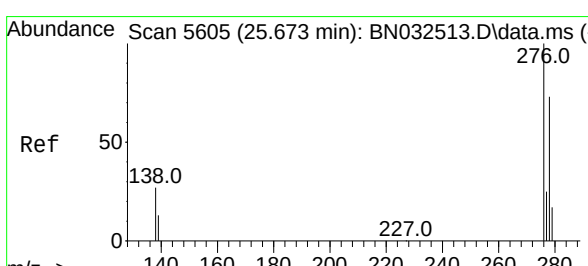
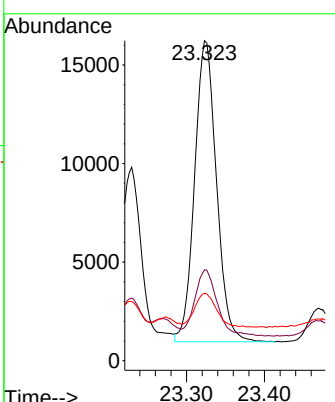
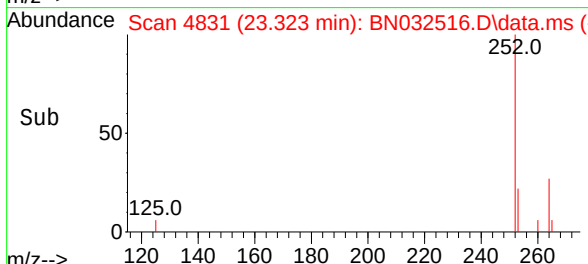
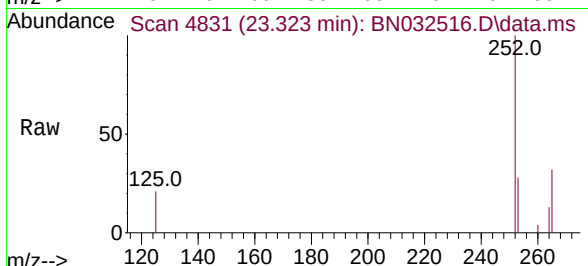


#26
 Benzo(a)pyrene
 Concen: 0.558 ng/ul
 RT: 23.323 min Scan# 4836
 Delta R.T. -0.004 min
 Lab File: BN032516.D
 Acq: 05 Jul 2024 20:06

Instrument : BNA_N
 ClientSampleId : A4CR0DL

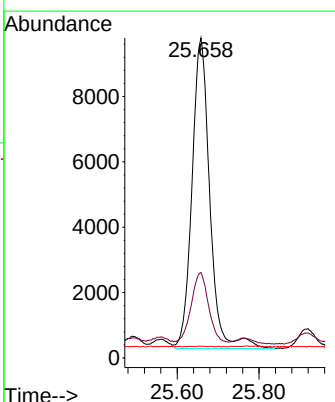
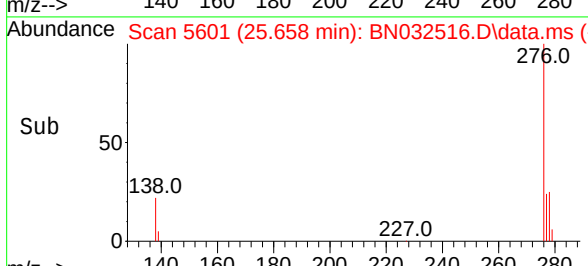
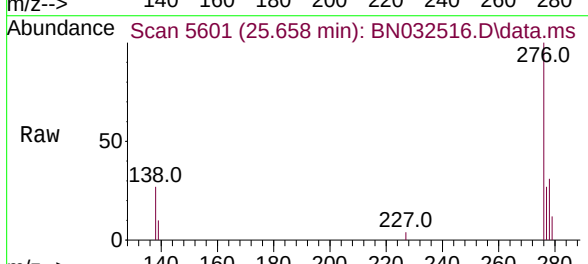
Tgt Ion:	252	Resp:	29694
Ion Ratio	Lower	Upper	
252	100		
253	28.4	22.2	33.2
125	21.0	16.4	24.6

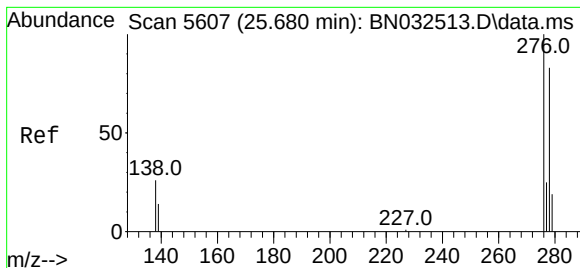
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.344 ng/ul
 RT: 25.658 min Scan# 5601
 Delta R.T. -0.001 min
 Lab File: BN032516.D
 Acq: 05 Jul 2024 20:06

Tgt Ion:	276	Resp:	28628
Ion Ratio	Lower	Upper	
276	100		
138	21.9	21.3	31.9
227	0.1	0.1	0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.149 ng/ul

RT: 25.658 min Scan# 5601

Delta R.T. -0.008 min

Lab File: BN032516.D

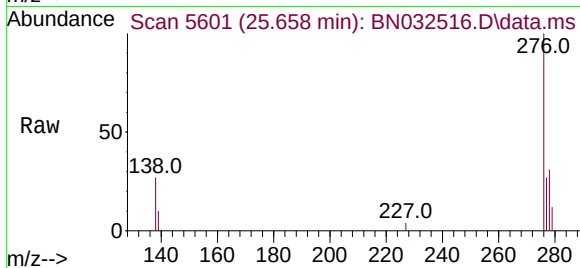
Acq: 05 Jul 2024 20:06

Instrument :

BNA_N

ClientSampleId :

A4CR0DL



Tgt Ion:278 Resp: 920

Ion Ratio Lower Upper

278 100

139 34.3 15.9 23.9

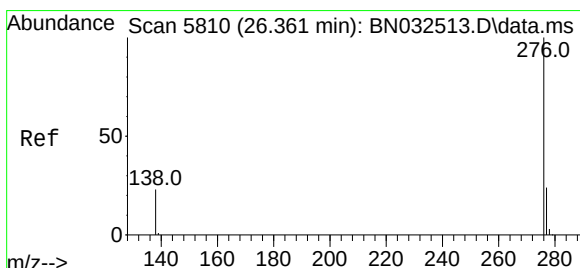
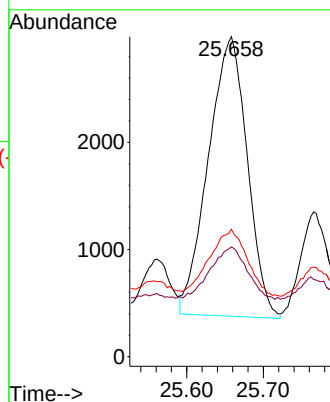
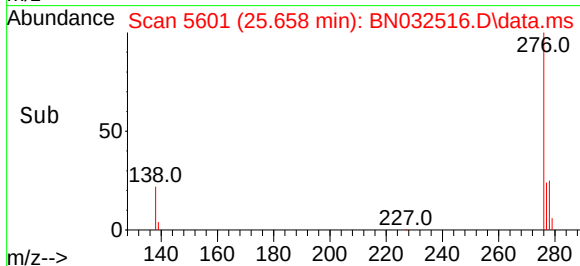
279 39.8 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29

Benzo(g,h,i)perylene

Concen: 0.060 ng/ul

RT: 26.349 min Scan# 5807

Delta R.T. 0.005 min

Lab File: BN032516.D

Acq: 05 Jul 2024 20:06

Tgt Ion:276 Resp: 4006

Ion Ratio Lower Upper

276 100

138 50.1 19.8 29.6

277 45.0 19.8 29.6

