

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032466.D
 Acq On : 04 Jul 2024 09:45
 Operator : MA/JU
 Sample : P2964-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B51

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 23:05:06 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	7.599	152	9131	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	28385	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	16355	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	32889	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	20576	0.400	ng/ul	# 0.00
23) Perylene-d12	23.421	264	25484	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	22263	2.194	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	6540	0.154	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	11786	0.190	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.420	128	7872	0.105	ng/ul	96
7) 2-Methylnaphthalene	12.048	142	2798	0.056	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	2352	0.046	ng/ul	97
10) Acenaphthylene	13.962	152	14121	0.208	ng/ul	96
11) Acenaphthene	14.309	153	9545	0.181	ng/ul	99
12) Fluorene	15.303	166	13039	0.207	ng/ul	97
15) Phenanthrene	17.041	178	296538	3.289	ng/ul	99
16) Anthracene	17.134	178	52163	0.649	ng/ul	98
19) Fluoranthene	19.069	202	594090	7.582	ng/ul	100
20) Pyrene	19.431	202	375413	4.585	ng/ul	99
21) Benzo(a)anthracene	21.188	228	227656	3.065	ng/ul	99
22) Chrysene	21.244	228	247468	3.036	ng/ul	97
24) Benzo(b)fluoranthene	22.757	252	336938m	3.043	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	132818m	1.235	ng/ul	
26) Benzo(a)pyrene	23.325	252	122788	1.594	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.653	276	124243	1.030	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.656	278	41654	0.465	ng/ul#	91
29) Benzo(g,h,i)perylene	26.344	276	18628	0.194	ng/ul#	82

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

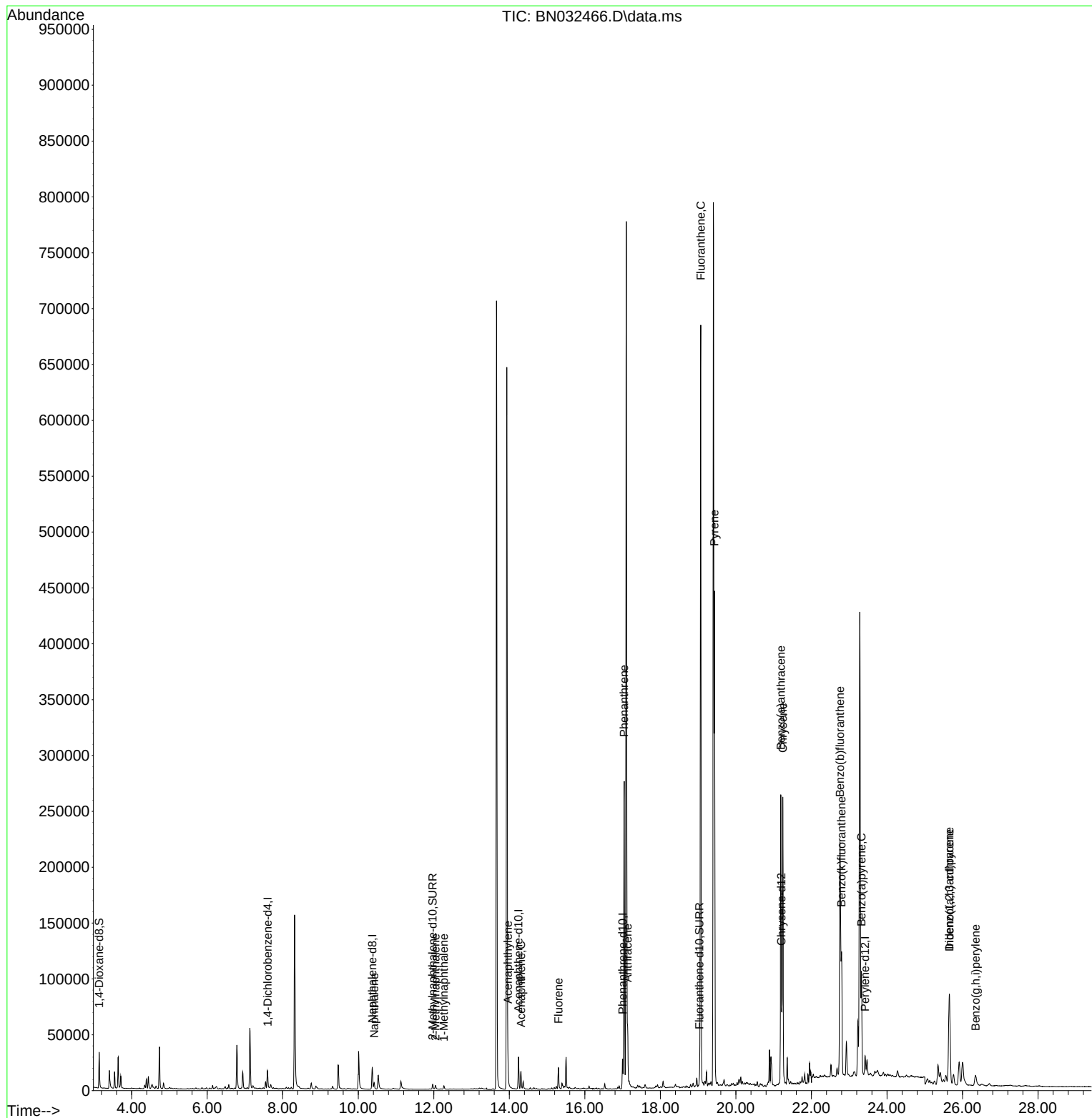
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032466.D
Acq On : 04 Jul 2024 09:45
Operator : MA/JU
Sample : P2964-04
Misc :
ALS Vial : 38 Sample Multiplier: 1

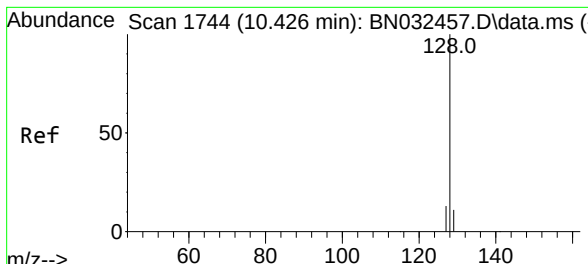
Instrument :
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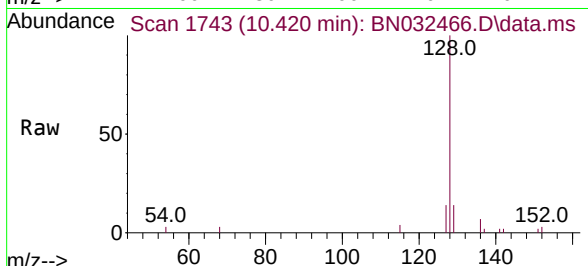
Quant Time: Jul 04 23:05:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.105 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

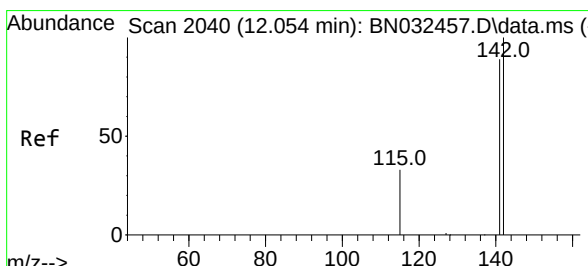
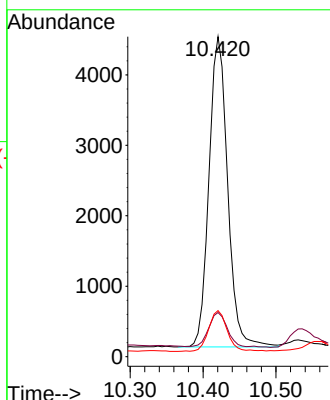
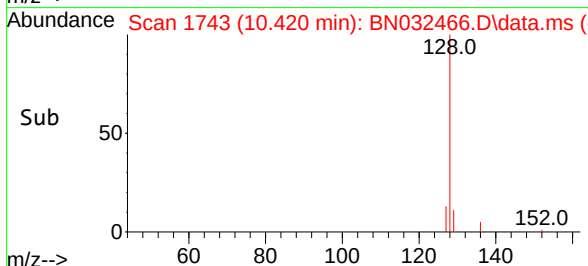
Instrument :
BNA_N
ClientSampleId :
A4B51



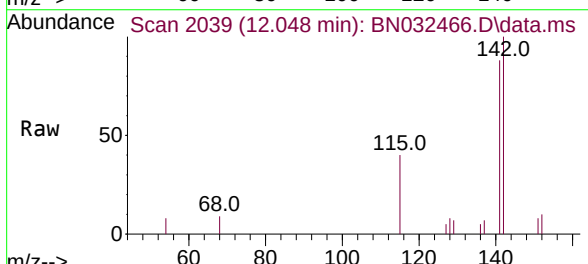
Tgt Ion:128 Resp: 7872
Ion Ratio Lower Upper
128 100
129 13.8 9.2 13.8
127 14.4 10.8 16.2

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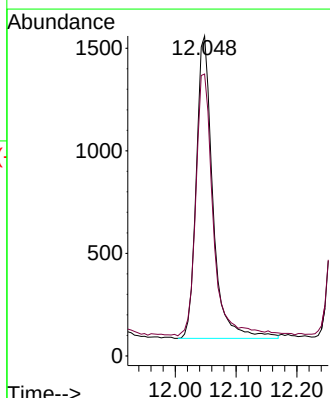
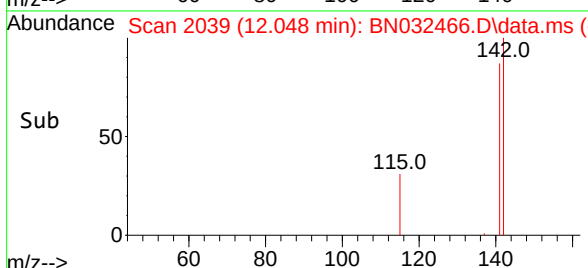
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

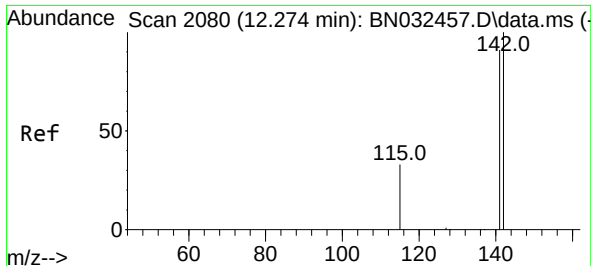


#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45



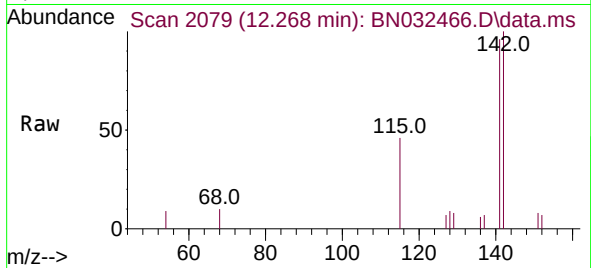
Tgt Ion:142 Resp: 2798
Ion Ratio Lower Upper
142 100
141 89.3 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

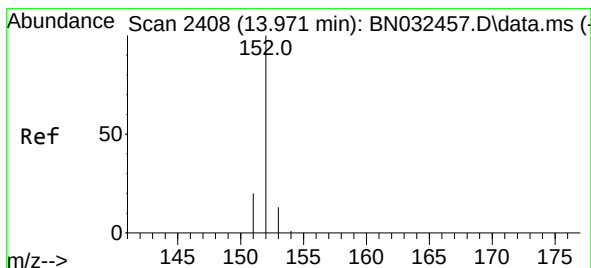
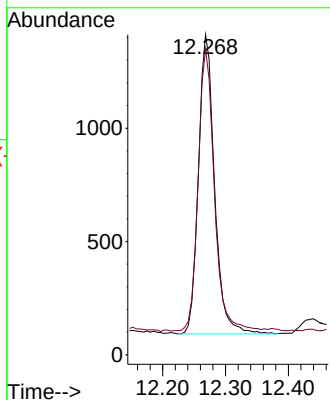
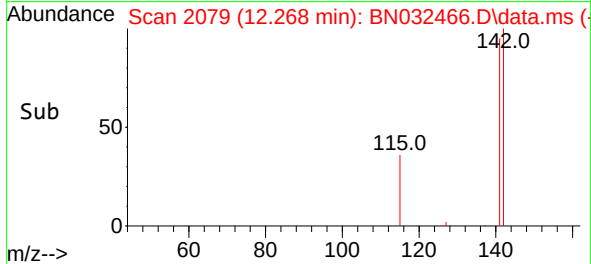
Instrument :
BNA_N
ClientSampleId :
A4B51



Tgt Ion:142 Resp: 2352
Ion Ratio Lower Upper
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141 94.3 73.4 110.0

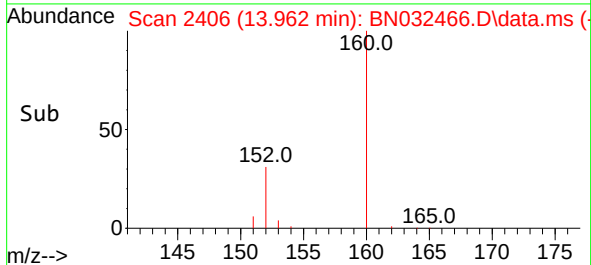
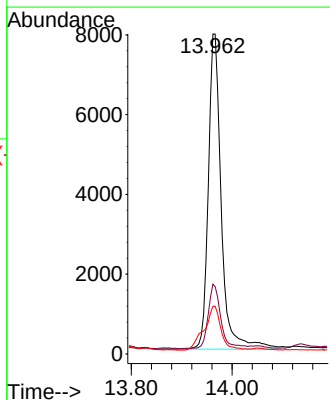
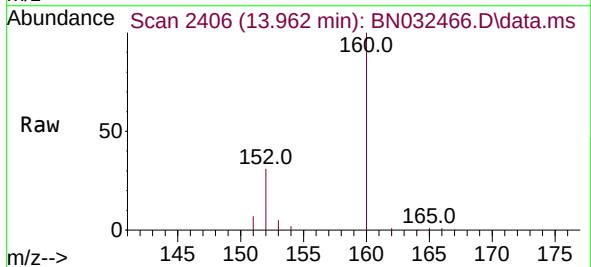
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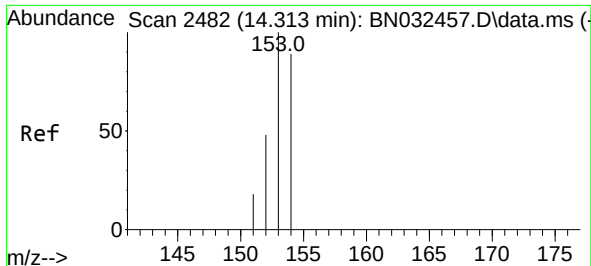
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.208 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

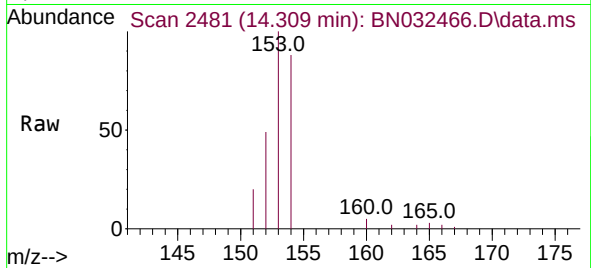
Tgt Ion:152 Resp: 14121
Ion Ratio Lower Upper
152 100
151 21.8 15.7 23.5
153 14.9 10.9 16.3





#11
Acenaphthene
Concen: 0.181 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

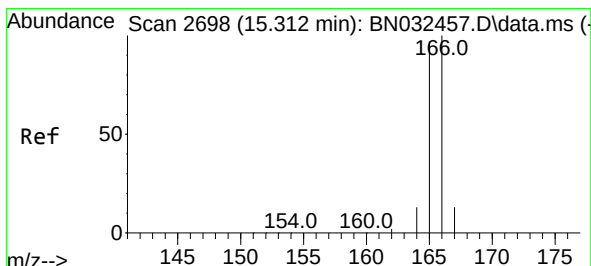
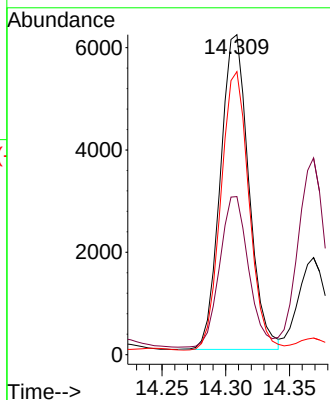
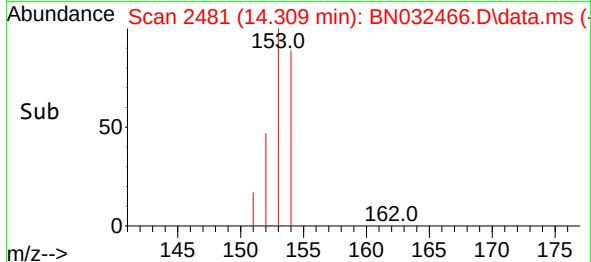
Instrument :
BNA_N
ClientSampleId :
A4B51



Tgt Ion:153 Resp: 9549
Ion Ratio Lower Upper
153 100
152 49.4 39.5 59.3
154 88.5 71.7 107.5

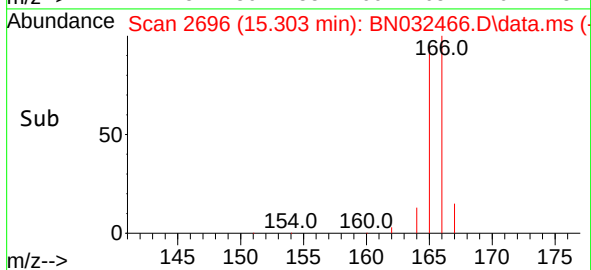
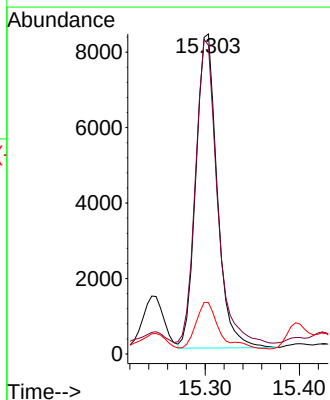
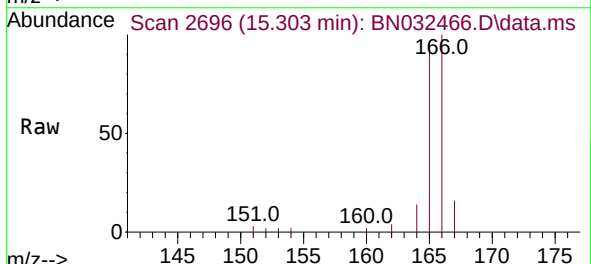
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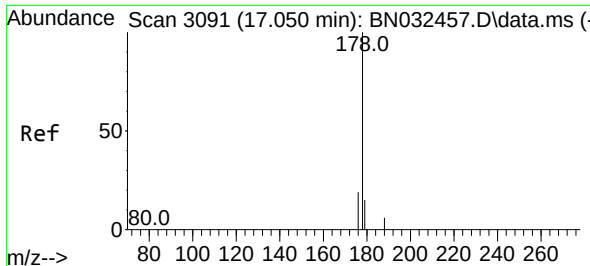
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.207 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

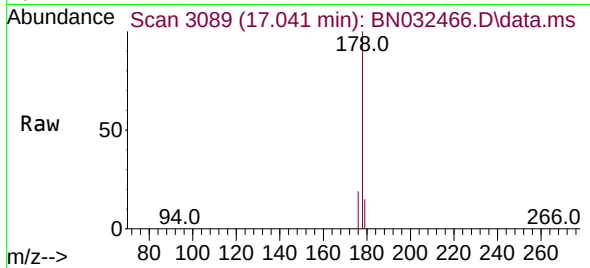
Tgt Ion:166 Resp: 13039
Ion Ratio Lower Upper
166 100
165 96.5 79.0 118.6
167 16.1 11.0 16.6





#15
Phenanthrene
Concen: 3.289 ng/ul
RT: 17.041 min Scan# 3091
Delta R.T. -0.008 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

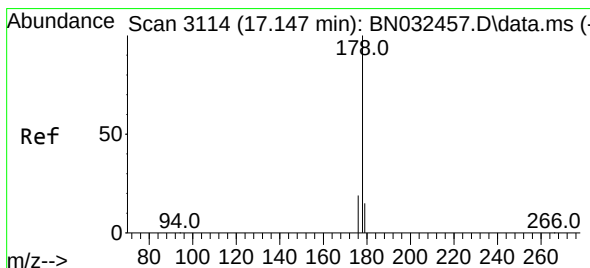
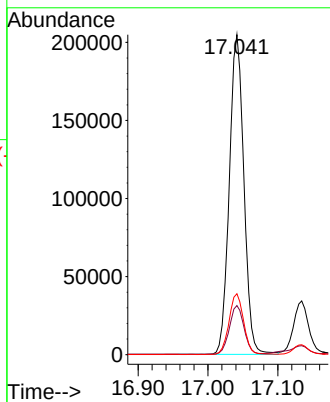
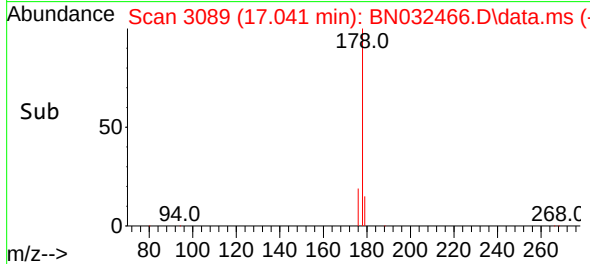
Instrument :
BNA_N
ClientSampleId :
A4B51



Tgt Ion:178 Resp: 296538
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.1 15.6 23.4

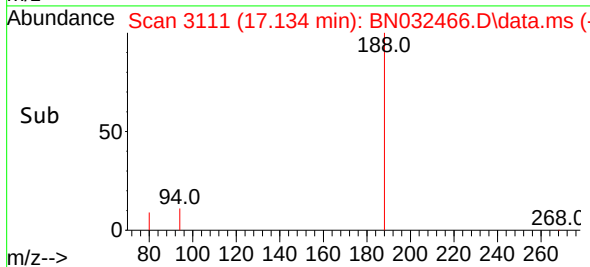
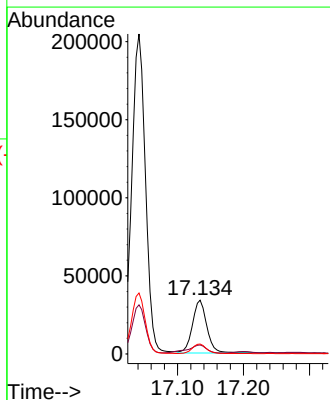
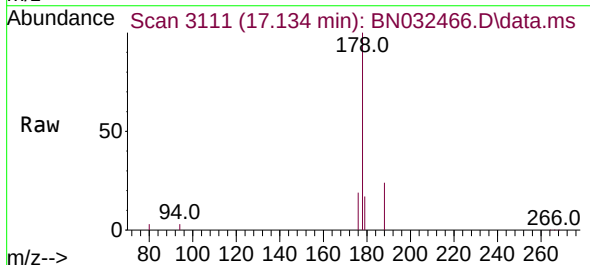
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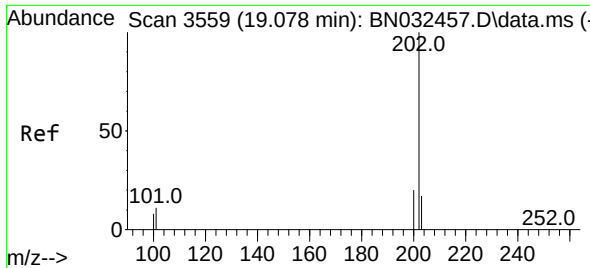
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 0.649 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

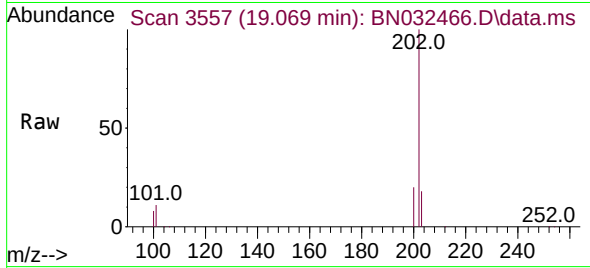
Tgt Ion:178 Resp: 52163
Ion Ratio Lower Upper
178 100
179 16.8 12.5 18.7
176 18.6 15.0 22.6





#19
Fluoranthene
Concen: 7.582 ng/u1
RT: 19.069 min Scan# 3559
Delta R.T. -0.005 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

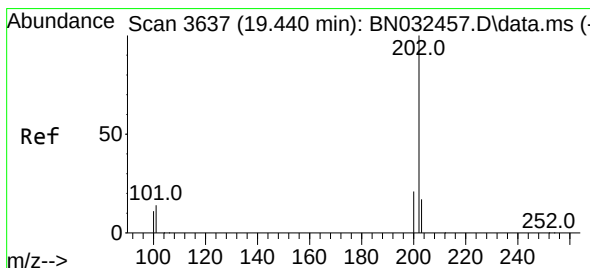
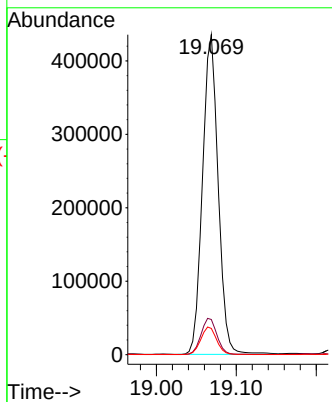
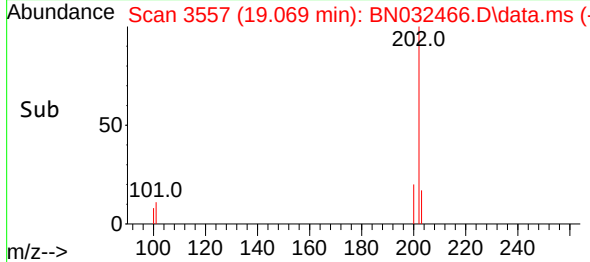
Instrument :
BNA_N
ClientSampleId :
A4B51



Tgt Ion:202 Resp: 594090
Ion Ratio Lower Upper
202 100
101 11.0 8.8 13.2
100 8.2 6.4 9.6

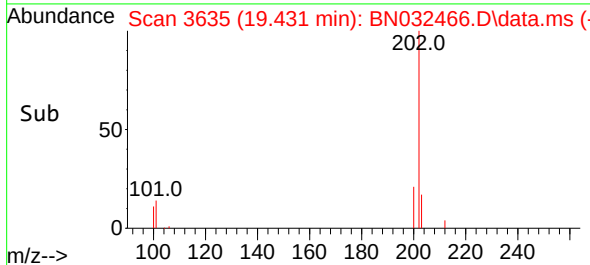
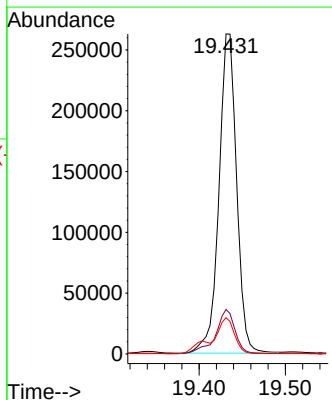
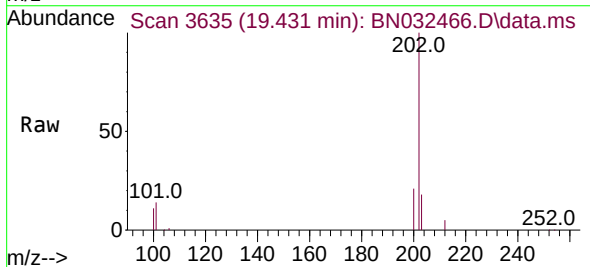
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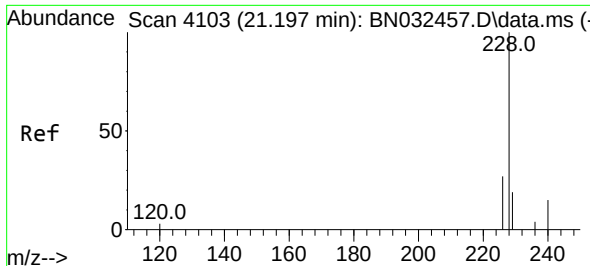
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 4.585 ng/u1
RT: 19.431 min Scan# 3635
Delta R.T. -0.009 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

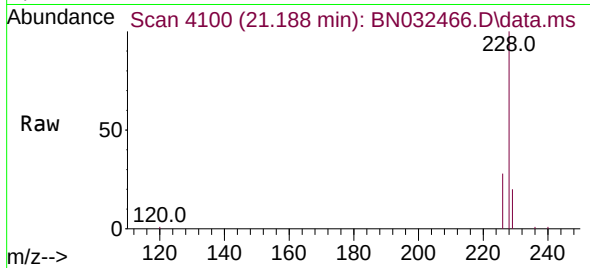
Tgt Ion:202 Resp: 375413
Ion Ratio Lower Upper
202 100
101 13.9 11.0 16.4
100 11.3 8.7 13.1





#21
Benzo(a)anthracene
Concen: 3.065 ng/ul
RT: 21.188 min Scan# 4119
Delta R.T. -0.003 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

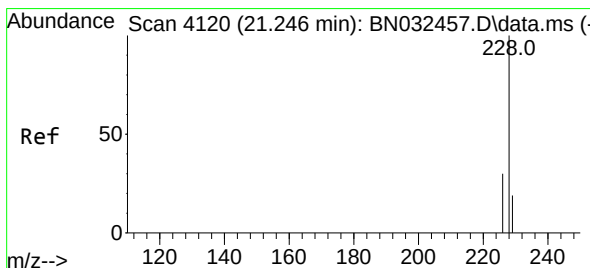
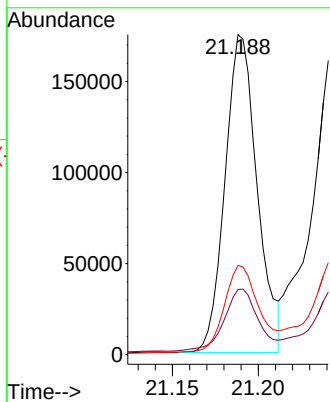
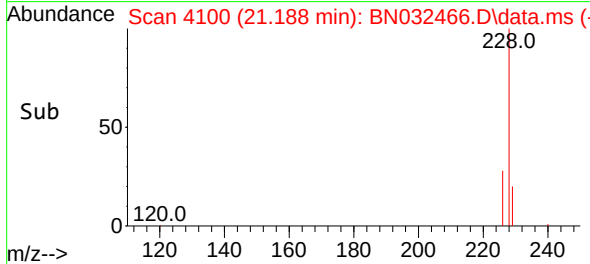
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Tgt Ion:228 Resp: 227650
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.9 21.8 32.8

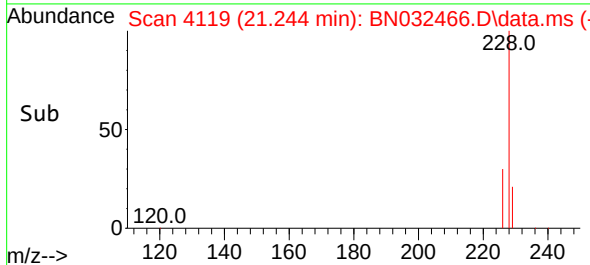
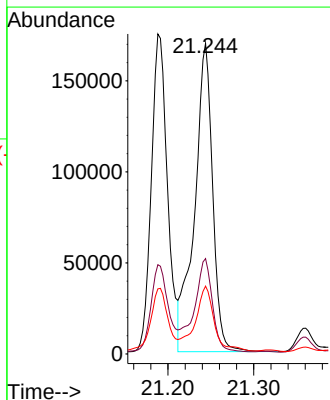
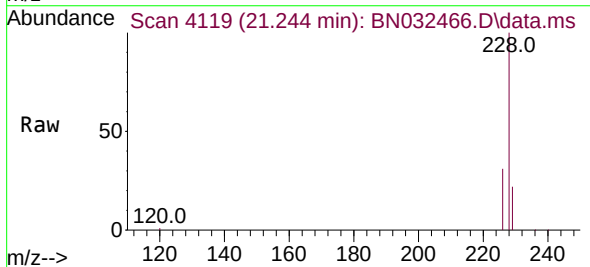
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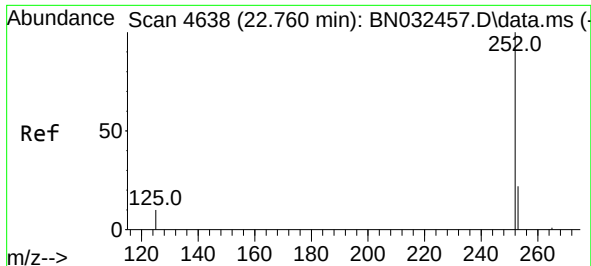
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 3.036 ng/ul
RT: 21.244 min Scan# 4119
Delta R.T. 0.000 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

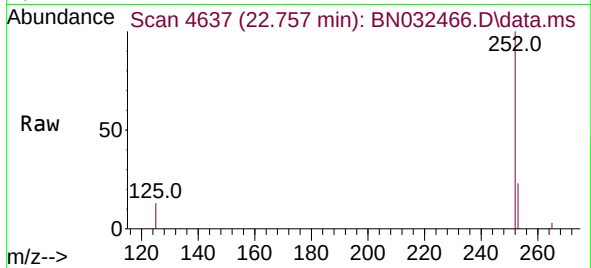
Tgt Ion:228 Resp: 247468
Ion Ratio Lower Upper
228 100
226 30.7 23.6 35.4
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.043 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. 0.000 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

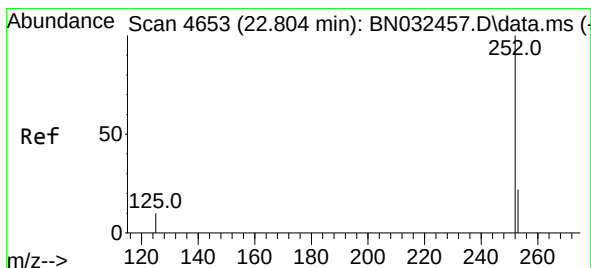
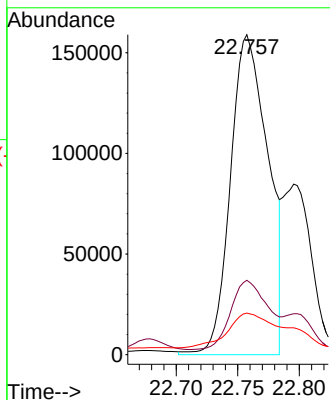
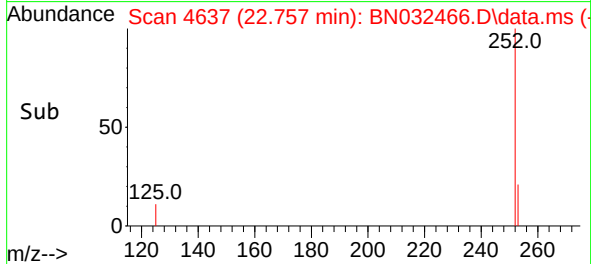
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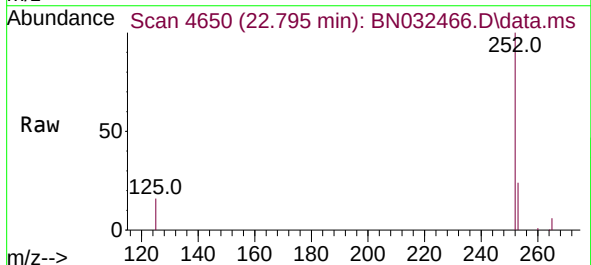
Tgt Ion:252 Resp: 336938
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.2
125 13.0 0.0 32.0

Manual Integrations
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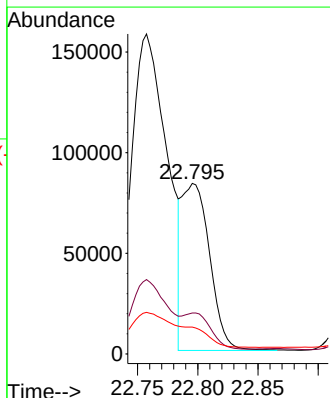
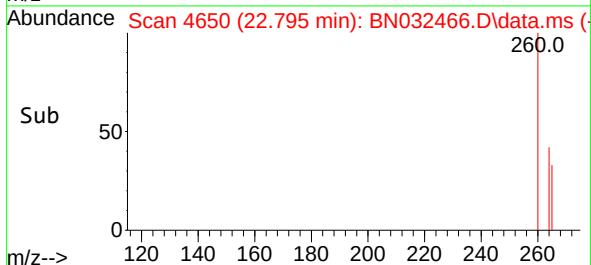
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

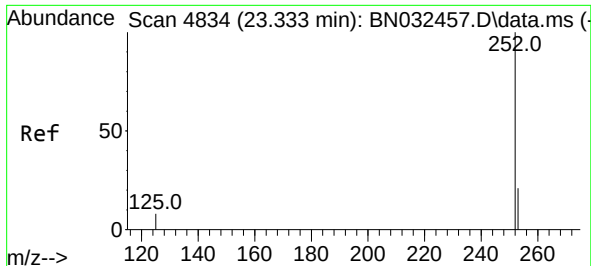


#25
Benzo(k)fluoranthene
Concen: 1.235 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45



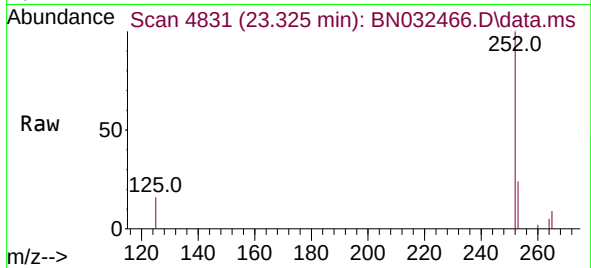
Tgt Ion:252 Resp: 132818
Ion Ratio Lower Upper
252 100
253 24.1 20.3 30.5
125 15.8 12.8 19.2





#26
Benzo(a)pyrene
Concen: 1.594 ng/ul
RT: 23.325 min Scan# 4834
Delta R.T. -0.003 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

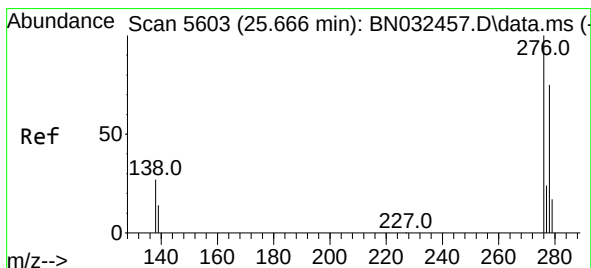
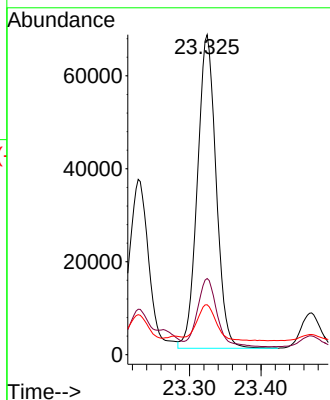
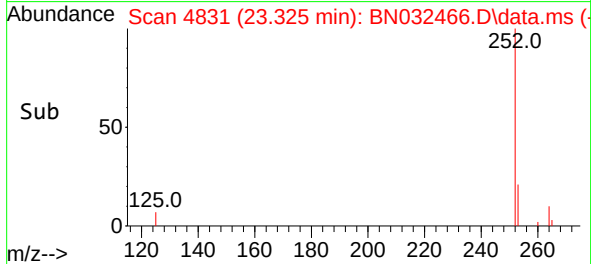
Instrument :
BNA_N
ClientSampleId :
A4B51



Tgt Ion:252 Resp: 122788
Ion Ratio Lower Upper
252 100
253 23.8 22.2 33.2
125 15.6 16.4 24.6

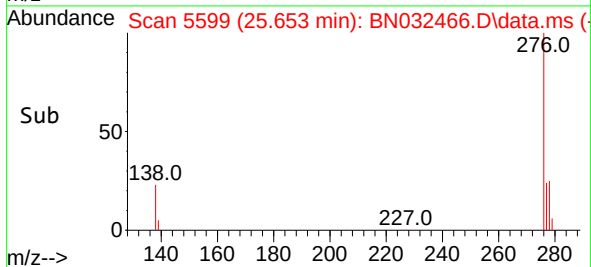
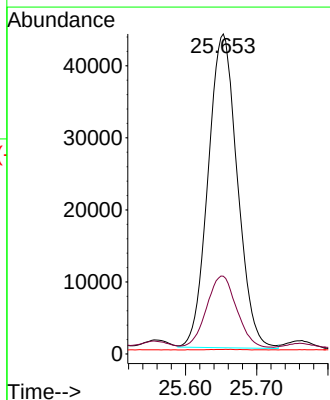
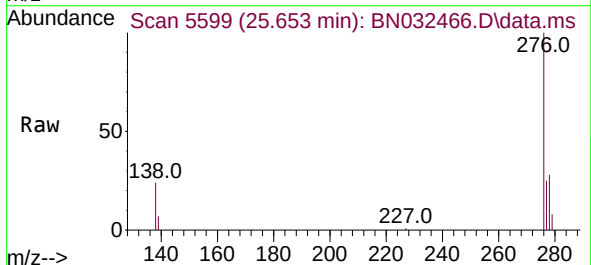
Manual Integrations
APPROVED

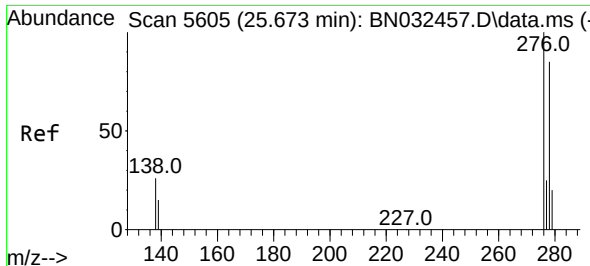
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.030 ng/ul
RT: 25.653 min Scan# 5599
Delta R.T. -0.007 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

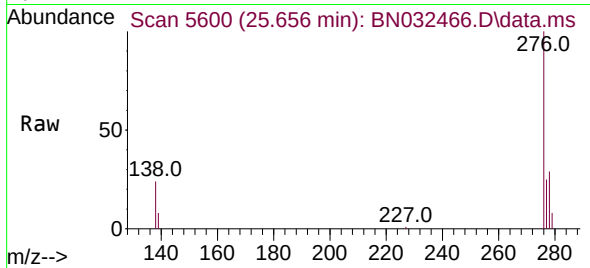
Tgt Ion:276 Resp: 124243
Ion Ratio Lower Upper
276 100
138 23.4 21.3 31.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.465 ng/ul
RT: 25.656 min Scan# 5010
Delta R.T. -0.010 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45

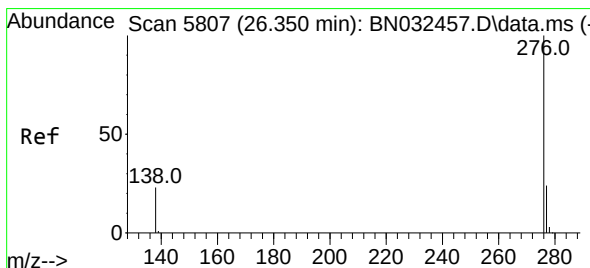
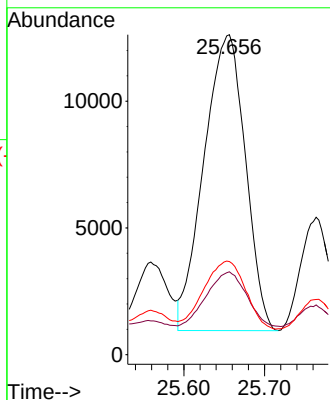
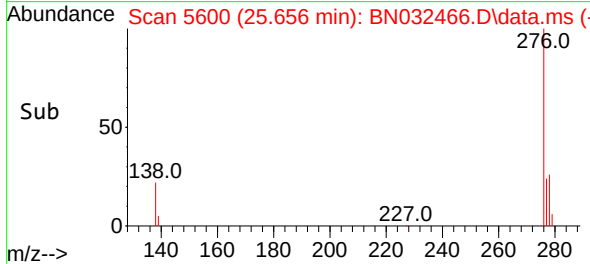
Instrument :
BNA_N
ClientSampleId :
A4B51



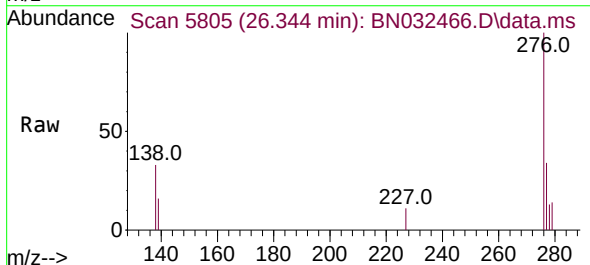
Tgt Ion:278 Resp: 41654
Ion Ratio Lower Upper
278 100
139 25.9 15.9 23.9#
279 29.1 21.1 31.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.194 ng/ul
RT: 26.344 min Scan# 5805
Delta R.T. 0.000 min
Lab File: BN032466.D
Acq: 04 Jul 2024 09:45



Tgt Ion:276 Resp: 18628
Ion Ratio Lower Upper
276 100
138 33.2 19.8 29.6#
277 33.7 19.8 29.6#

