

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032387.D
 Acq On : 02 Jul 2024 06:57
 Operator : MA/JU
 Sample : P2871-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C52

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 07:33:21 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	7771	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.381	136	24650	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.252	164	14450	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.006	188	26544m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.210	240	17305m	0.400	ng/ul	-0.02
23) Perylene-d12	23.426	264	17950m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	31473	3.644	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.981	152	10439	0.282	ng/ul	-0.02
18) Fluoranthene-d10	19.044	212	17169	0.330	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.430	128	5668	0.087	ng/ul#	96
7) 2-Methylnaphthalene	12.052	142	2259	0.052	ng/ul	99
8) 1-Methylnaphthalene	12.272	142	1835	0.041	ng/ul	96
10) Acenaphthylene	13.970	152	10296	0.171	ng/ul	96
11) Acenaphthene	14.317	153	5514	0.118	ng/ul	99
12) Fluorene	15.307	166	6485	0.117	ng/ul#	98
14) Pentachlorophenol	16.673	266	466m	0.078	ng/ul	
15) Phenanthrene	17.049	178	121590m	1.671	ng/ul	
16) Anthracene	17.137	178	25092m	0.387	ng/ul	
19) Fluoranthene	19.072	202	216886	3.291	ng/ul	97
20) Pyrene	19.439	202	163785	2.378	ng/ul	99
21) Benzo(a)anthracene	21.196	228	90728	1.453	ng/ul	98
22) Chrysene	21.248	228	100594m	1.467	ng/ul	
24) Benzo(b)fluoranthene	22.762	252	130673m	1.676	ng/ul	
25) Benzo(k)fluoranthene	22.800	252	47568m	0.628	ng/ul	
26) Benzo(a)pyrene	23.329	252	61769	1.138	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.658	276	57413	0.676	ng/ul#	80
28) Dibenzo(a,h)anthracene	25.665	278	17054	0.270	ng/ul#	9
29) Benzo(g,h,i)perylene	26.349	276	13099	0.194	ng/ul#	79

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

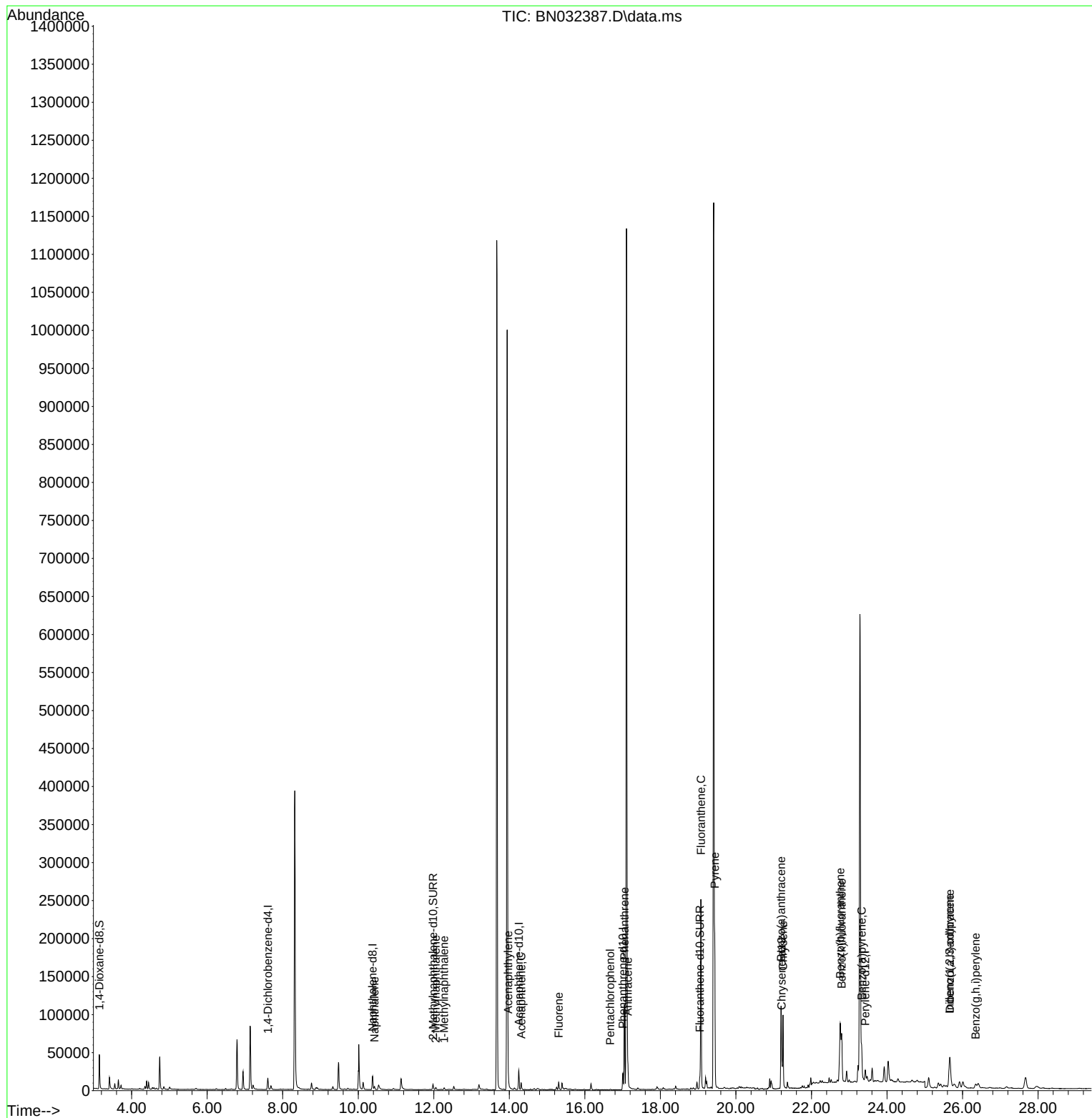
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032387.D
Acq On : 02 Jul 2024 06:57
Operator : MA/JU
Sample : P2871-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

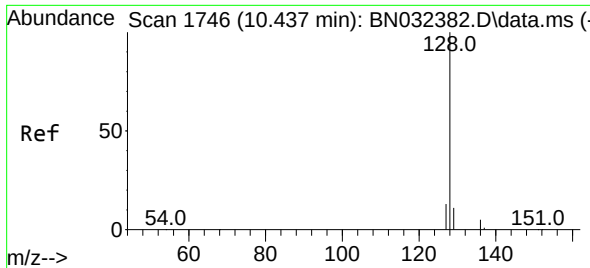
Instrument :
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ClientSampleId :
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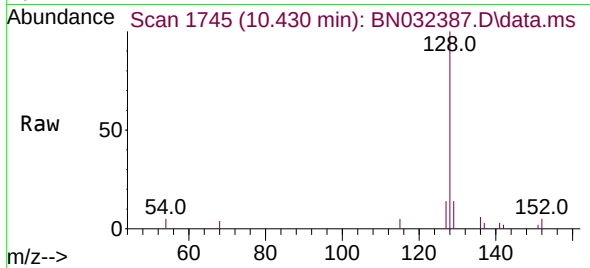
Quant Time: Jul 02 07:33:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.430 min Scan# 1746
Delta R.T. -0.018 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57

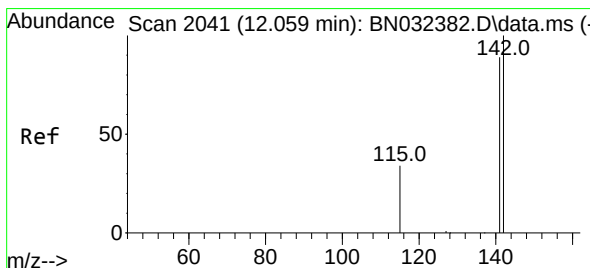
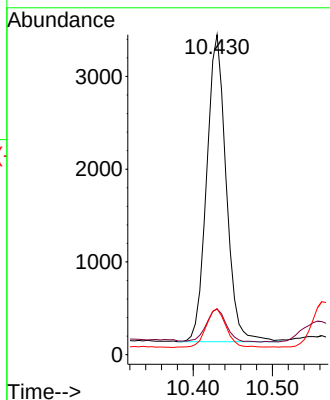
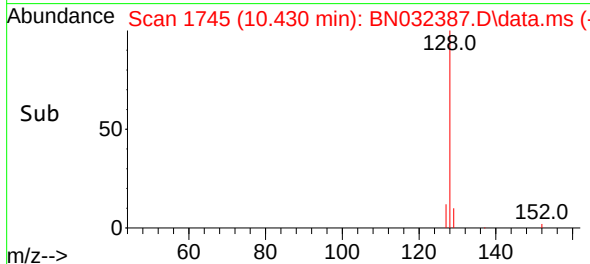
Instrument :
BNA_N
ClientSampleId :
A4C52



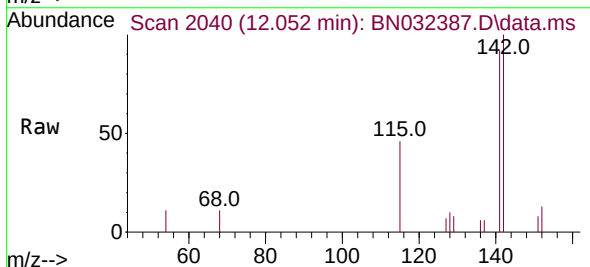
Tgt Ion:128 Resp: 566
Ion Ratio Lower Upper
128 100
129 14.2 9.2 13.8
127 14.4 10.8 16.2

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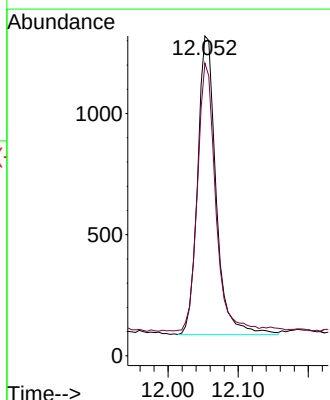
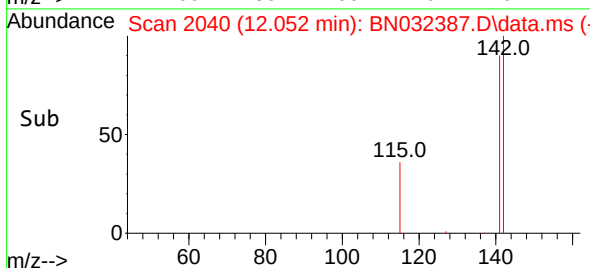
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

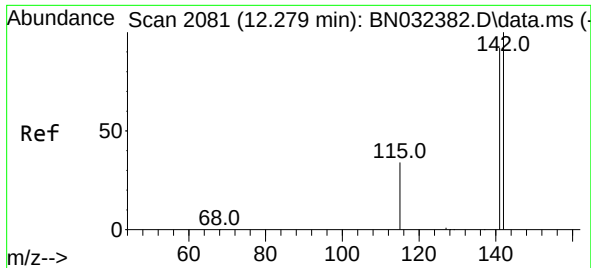


#7
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.052 min Scan# 2040
Delta R.T. -0.023 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57



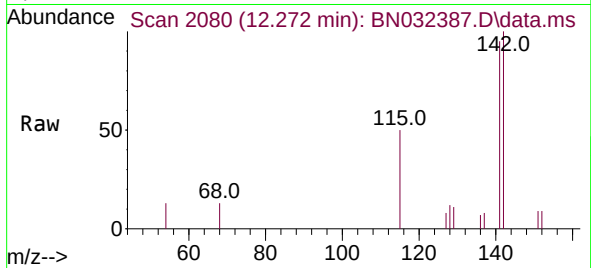
Tgt Ion:142 Resp: 2259
Ion Ratio Lower Upper
142 100
141 89.0 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.272 min Scan# 2080
Delta R.T. -0.023 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57

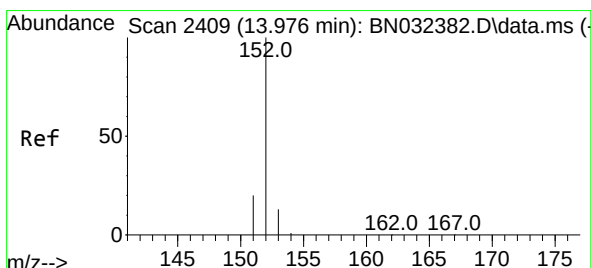
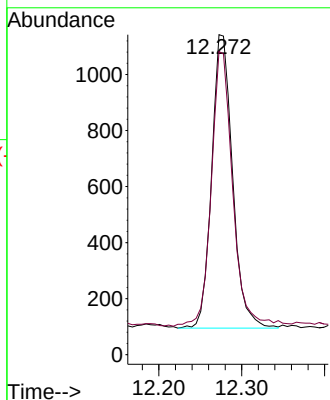
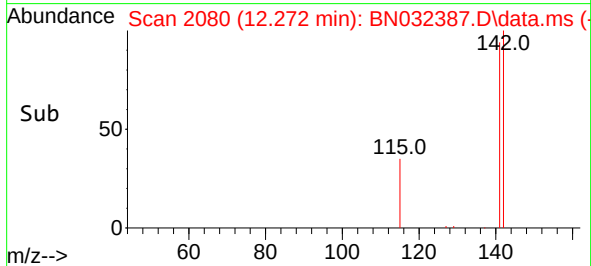
Instrument :
BNA_N
ClientSampleId :
A4C52



Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
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141 95.4 73.4 110.0

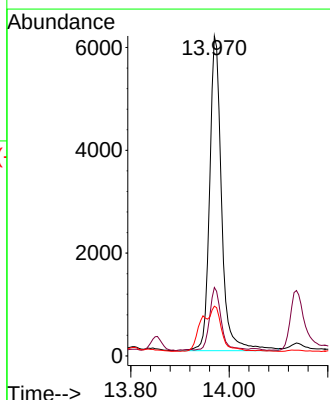
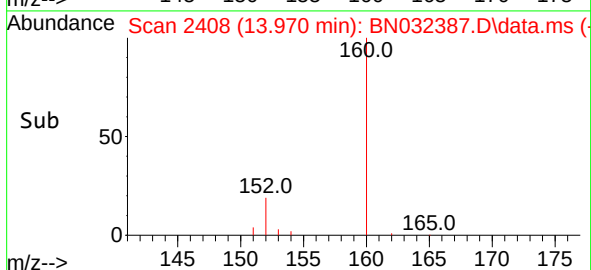
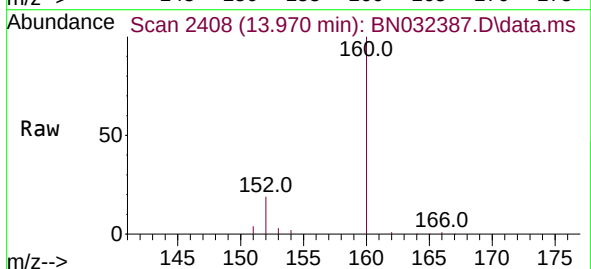
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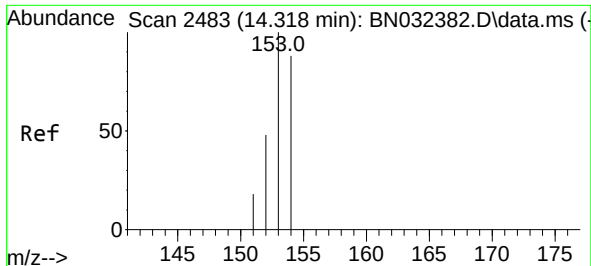
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.171 ng/ul
RT: 13.970 min Scan# 2408
Delta R.T. -0.020 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57

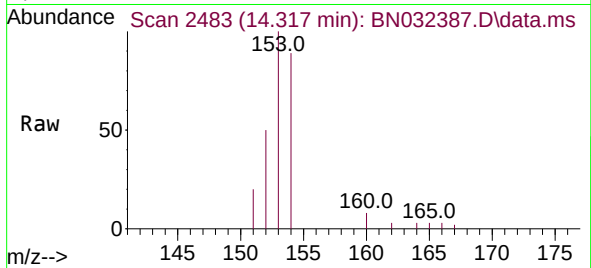
Tgt Ion:152 Resp: 10296
Ion Ratio Lower Upper
152 100
151 21.4 15.7 23.5
153 15.6 10.9 16.3





#11
Acenaphthene
Concen: 0.118 ng/ul
RT: 14.317 min Scan# 2483
Delta R.T. -0.015 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57

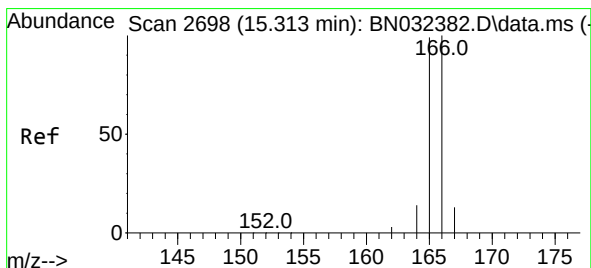
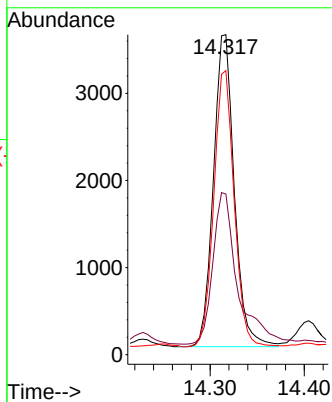
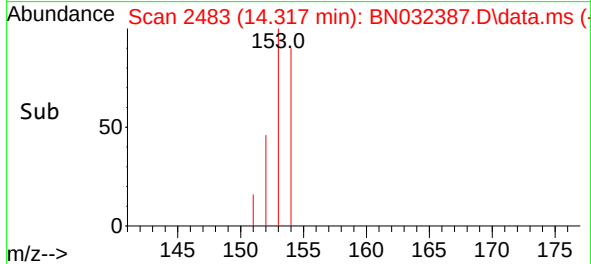
Instrument :
BNA_N
ClientSampleId :
A4C52



Tgt Ion:153 Resp: 5514
Ion Ratio Lower Upper
153 100
152 50.2 39.5 59.3
154 88.7 71.7 107.5

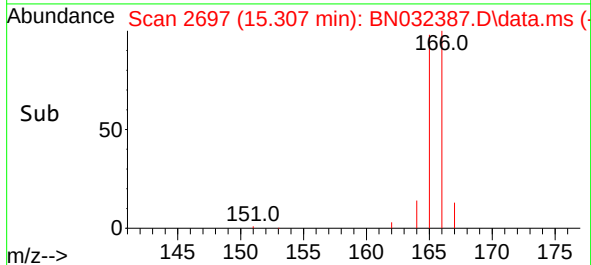
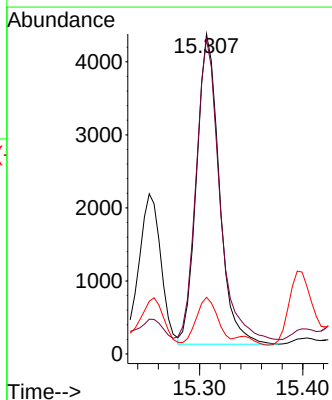
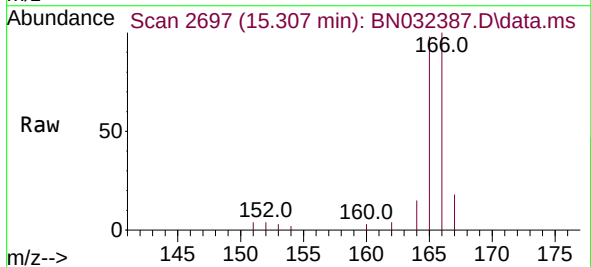
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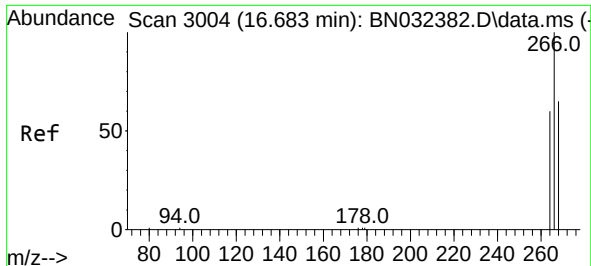
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.117 ng/ul
RT: 15.307 min Scan# 2697
Delta R.T. -0.020 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57

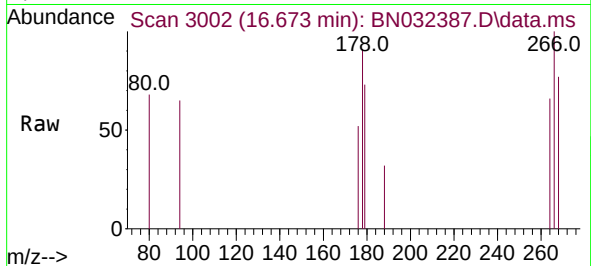
Tgt Ion:166 Resp: 6485
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.6
167 17.7 11.0 16.6#





#14
Pentachlorophenol
Concen: 0.078 ng/ul m
RT: 16.673 min Scan# 3002
Delta R.T. -0.027 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57

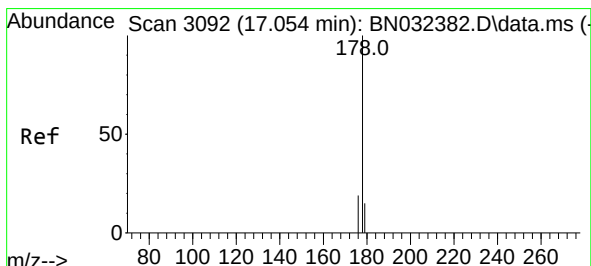
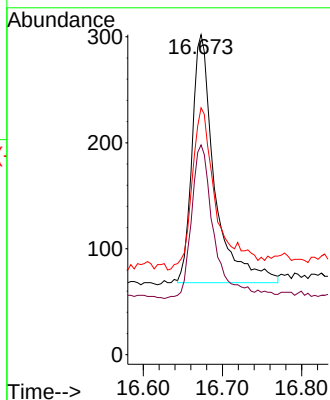
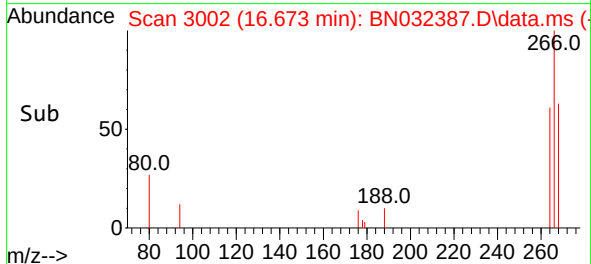
Instrument :
BNA_N
ClientSampleId :
A4C52



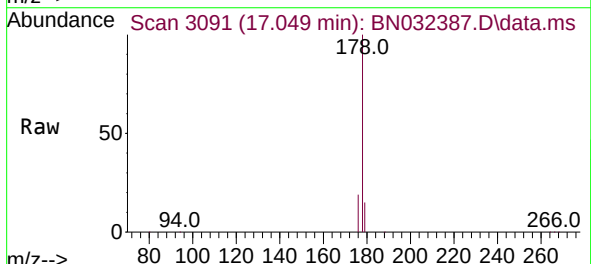
Tgt Ion:266 Resp: 460
Ion Ratio Lower Upper
266 100
264 0.0 49.9 74.9
268 1.7 52.4 78.6

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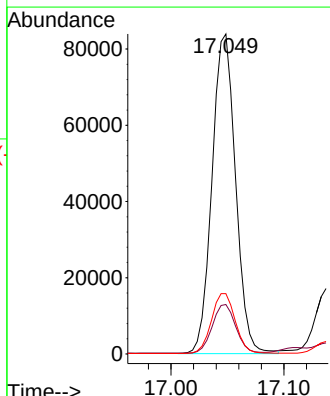
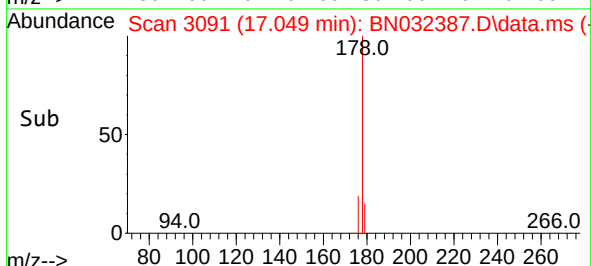
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

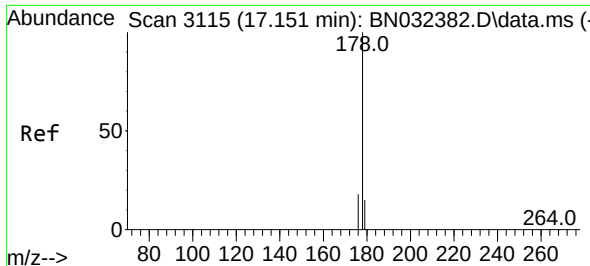


#15
Phenanthrene
Concen: 1.671 ng/ul m
RT: 17.049 min Scan# 3091
Delta R.T. -0.018 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57



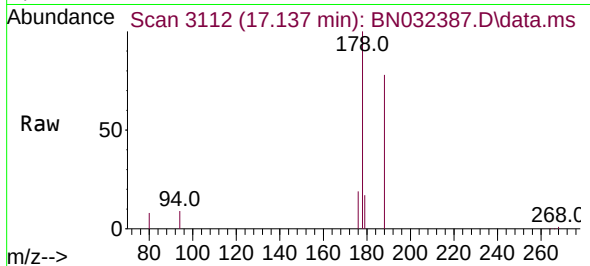
Tgt Ion:178 Resp: 121590
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.9 15.6 23.4





#16
 Anthracene
 Concen: 0.387 ng/ul m
 RT: 17.137 min Scan# 3112
 Delta R.T. -0.022 min
 Lab File: BN032387.D
 Acq: 02 Jul 2024 06:57

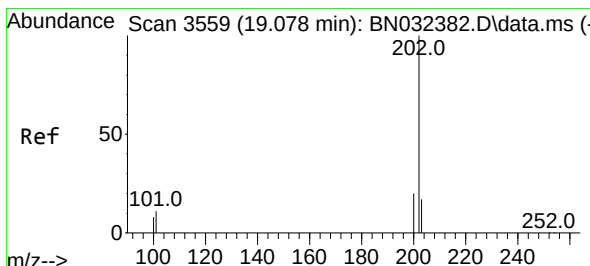
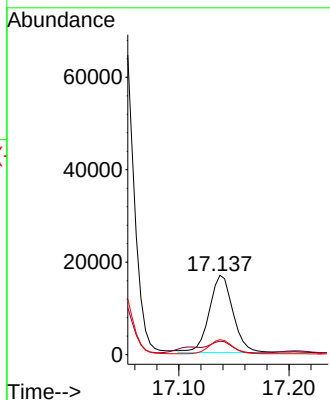
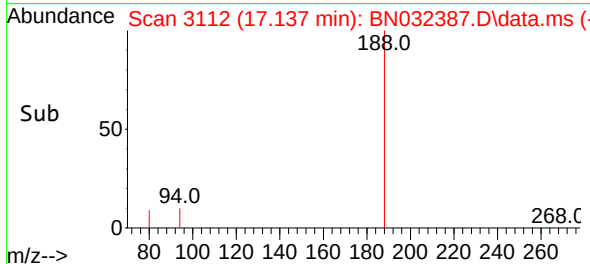
Instrument :
 BNA_N
 ClientSampleId :
 A4C52



Tgt Ion:178 Resp: 25092
 Ion Ratio Lower Upper
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 179 17.0 12.5 18.7
 176 19.0 15.0 22.6

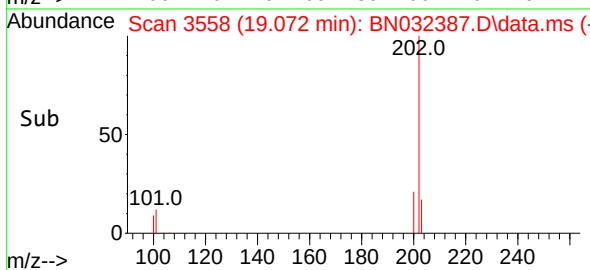
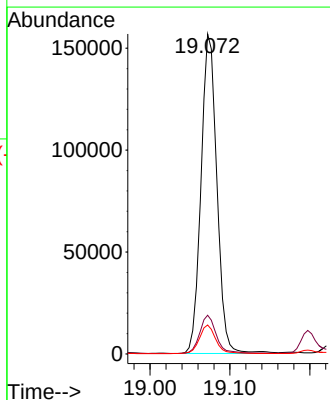
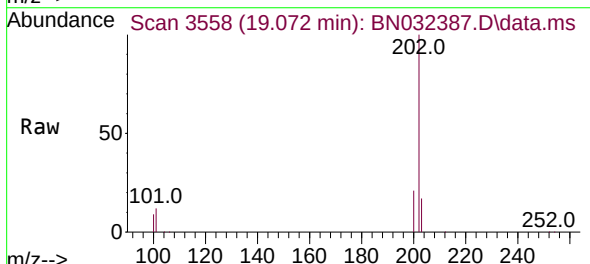
Manual Integrations
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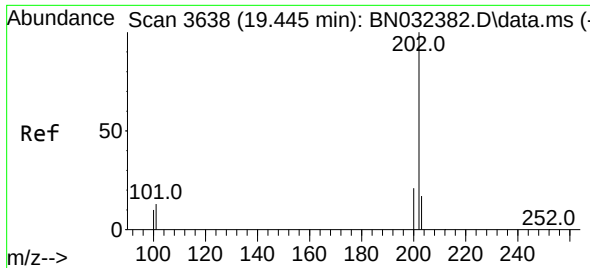
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 3.291 ng/ul
 RT: 19.072 min Scan# 3558
 Delta R.T. -0.020 min
 Lab File: BN032387.D
 Acq: 02 Jul 2024 06:57

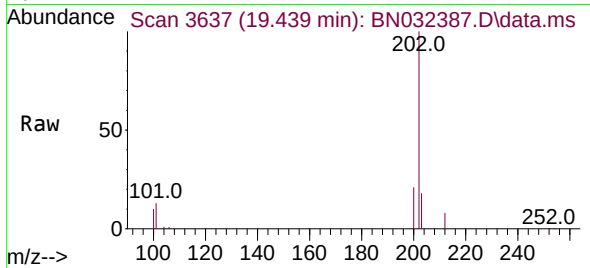
Tgt Ion:202 Resp: 216886
 Ion Ratio Lower Upper
 202 100
 101 12.1 8.8 13.2
 100 9.1 6.4 9.6





#20
Pyrene
Concen: 2.378 ng/ul
RT: 19.439 min Scan# 3637
Delta R.T. -0.015 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57

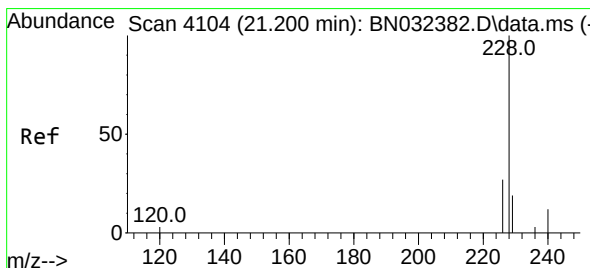
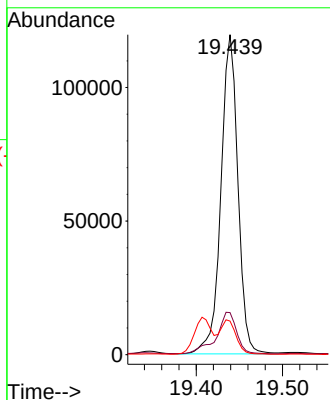
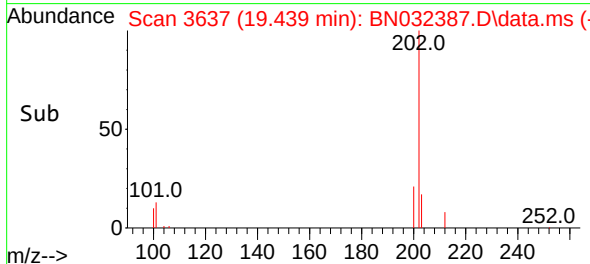
Instrument :
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Tgt Ion:202 Resp: 163785
Ion Ratio Lower Upper
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101 13.2 11.0 16.4
100 10.5 8.7 13.1

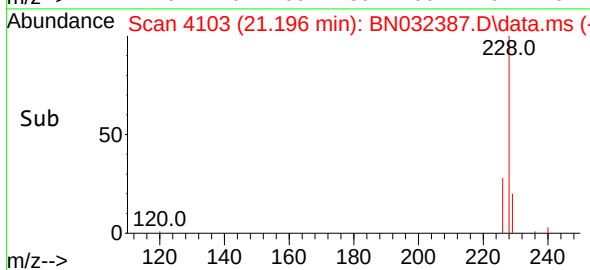
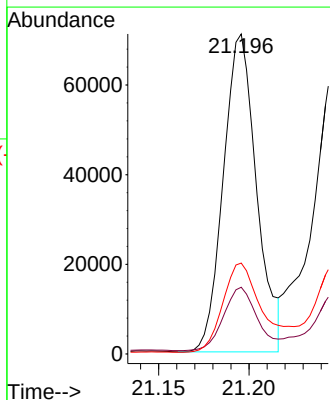
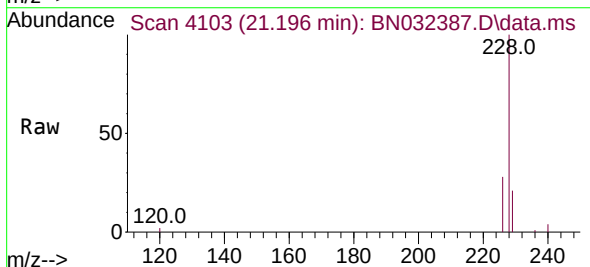
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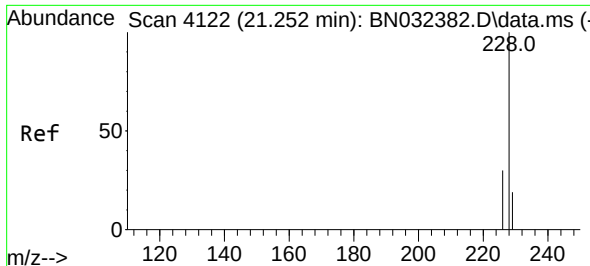
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#21
Benzo(a)anthracene
Concen: 1.453 ng/ul
RT: 21.196 min Scan# 4103
Delta R.T. -0.019 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57

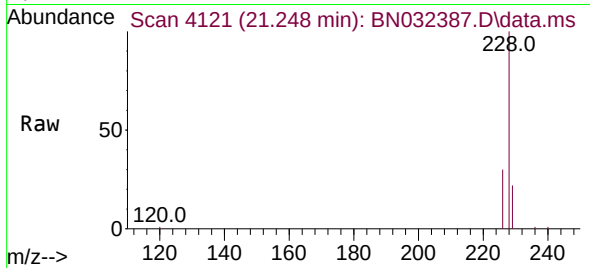
Tgt Ion:228 Resp: 90728
Ion Ratio Lower Upper
228 100
229 20.8 15.7 23.5
226 28.4 21.8 32.8





#22
Chrysene
Concen: 1.467 ng/ul m
RT: 21.248 min Scan# 4121
Delta R.T. -0.019 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57

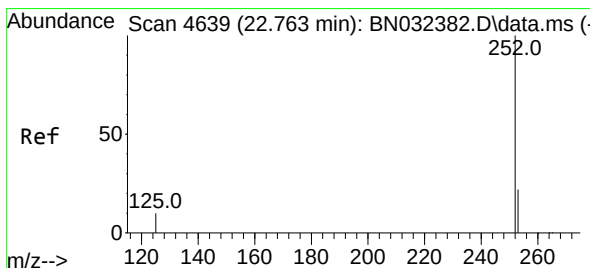
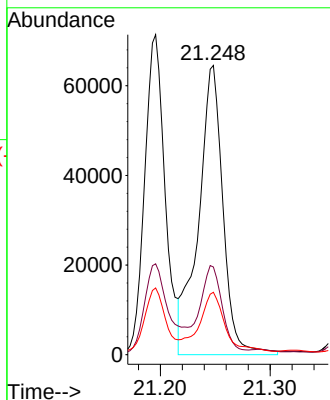
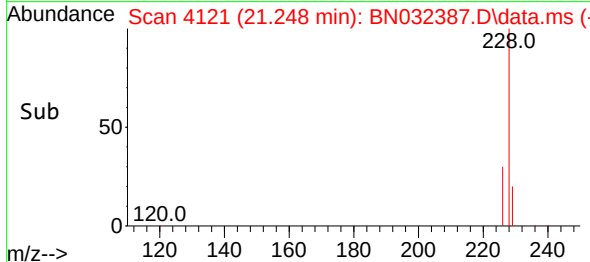
Instrument :
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Tgt Ion:228 Resp: 100594
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 21.6 15.7 23.5

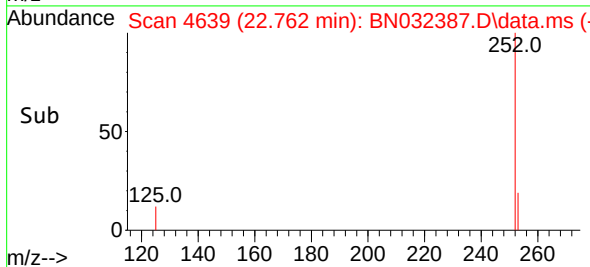
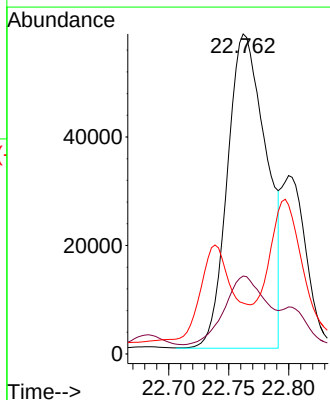
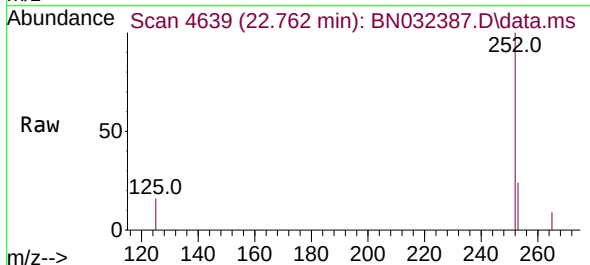
Manual Integrations
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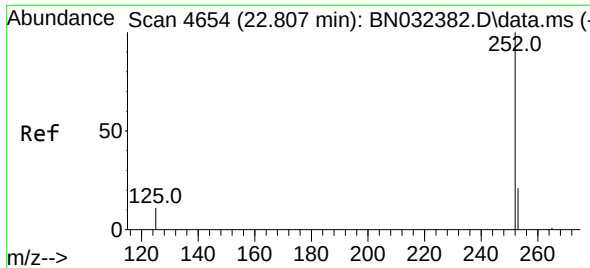
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#24
Benzo(b)fluoranthene
Concen: 1.676 ng/ul m
RT: 22.762 min Scan# 4639
Delta R.T. -0.022 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57

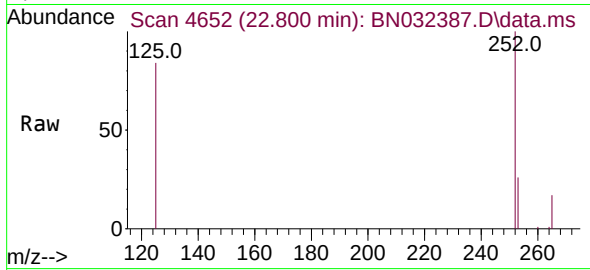
Tgt Ion:252 Resp: 130673
Ion Ratio Lower Upper
252 100
253 24.3 0.0 50.2
125 15.9 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.628 ng/ul m
RT: 22.800 min Scan# 4654
Delta R.T. -0.028 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57

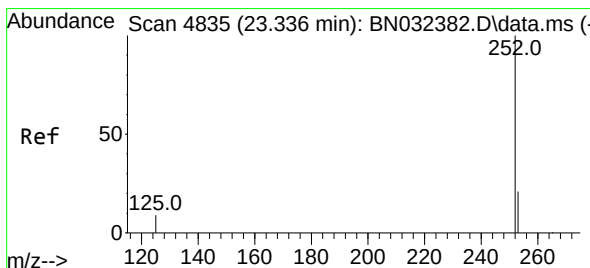
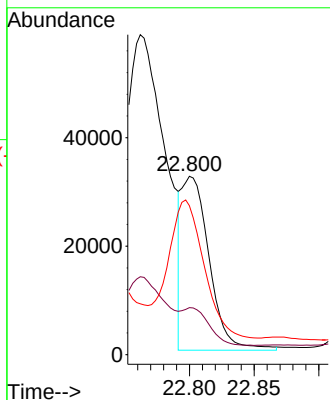
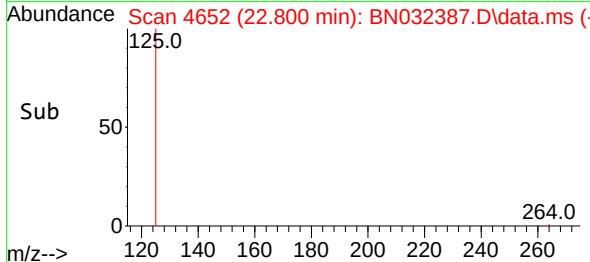
Instrument :
BNA_N
ClientSampleId :
A4C52



Tgt Ion:252 Resp: 47568
Ion Ratio Lower Upper
252 100
253 26.4 20.3 30.5
125 83.5 12.8 19.2

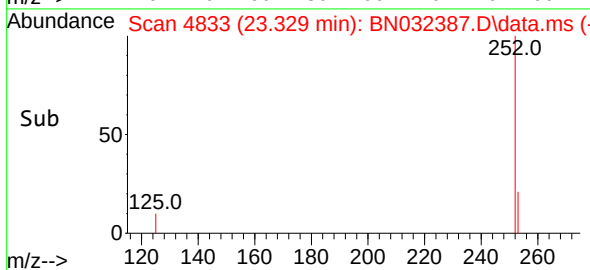
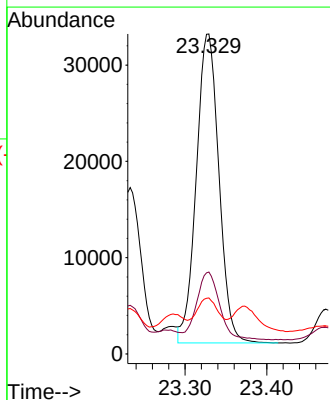
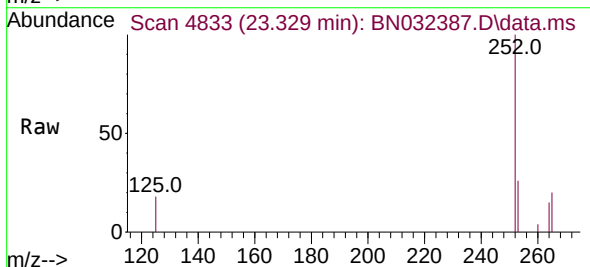
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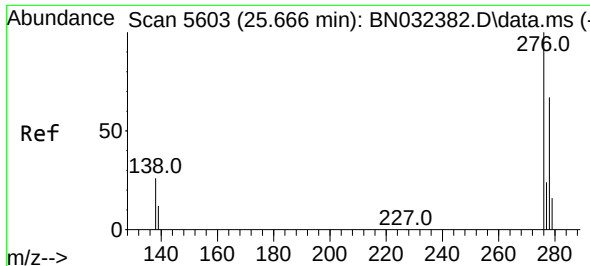
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 1.138 ng/ul
RT: 23.329 min Scan# 4833
Delta R.T. -0.030 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57

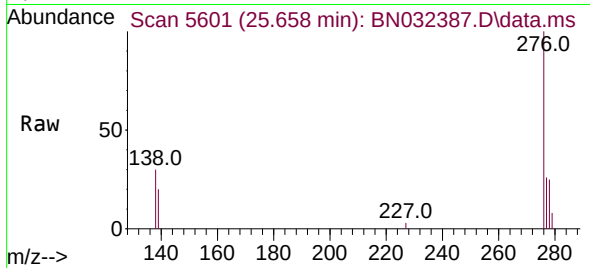
Tgt Ion:252 Resp: 61769
Ion Ratio Lower Upper
252 100
253 25.6 22.2 33.2
125 17.5 16.4 24.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.676 ng/ul
RT: 25.658 min Scan# 5601
Delta R.T. -0.042 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57

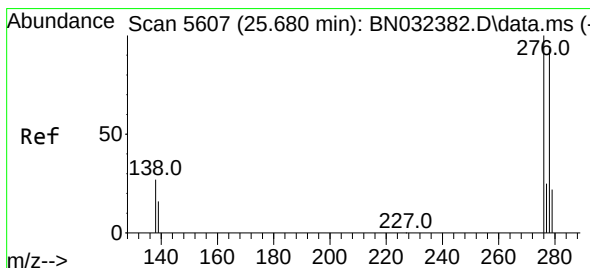
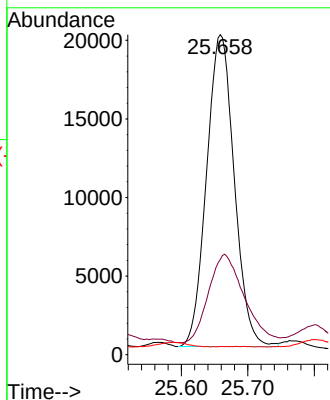
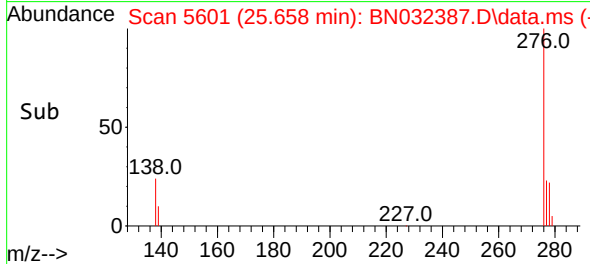
Instrument :
BNA_N
ClientSampleId :
A4C52



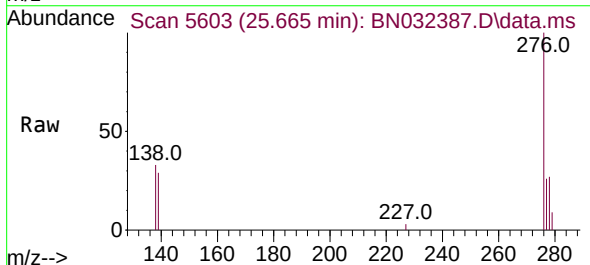
Tgt Ion:276 Resp: 5741
Ion Ratio Lower Upper
276 100
138 37.0 21.3 31.9#
227 0.0 0.1 0.1#

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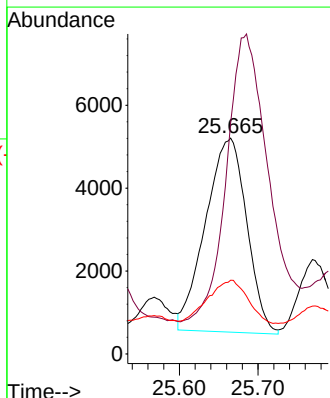
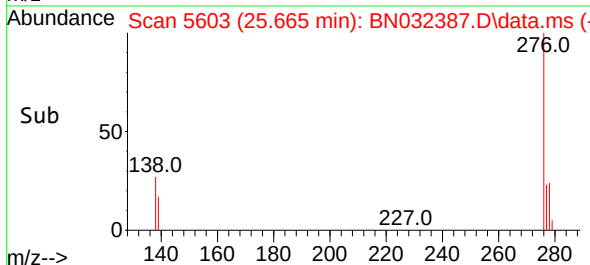
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

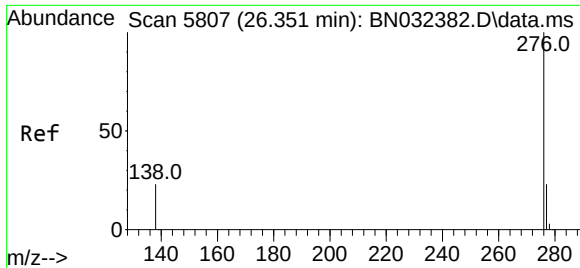


#28
Dibenzo(a,h)anthracene
Concen: 0.270 ng/ul
RT: 25.665 min Scan# 5603
Delta R.T. -0.045 min
Lab File: BN032387.D
Acq: 02 Jul 2024 06:57



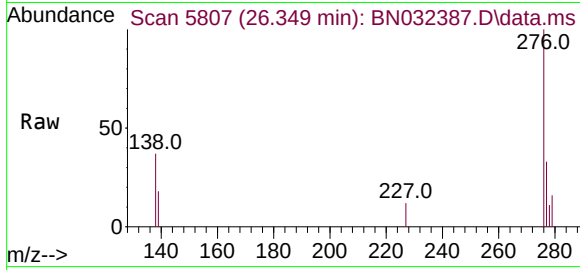
Tgt Ion:278 Resp: 17054
Ion Ratio Lower Upper
278 100
139 107.3 15.9 23.9#
279 34.1 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.194 ng/ul
 RT: 26.349 min Scan# 51
 Delta R.T. -0.031 min
 Lab File: BN032387.D
 Acq: 02 Jul 2024 06:57

Instrument :
 BNA_N
 ClientSampleId :
 A4C52



Tgt Ion:	276	Resp:	13099
Ion Ratio	Lower	Upper	
276	100		
138	37.4	19.8	29.6
277	33.2	19.8	29.6

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

