

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032402.D
 Acq On : 02 Jul 2024 15:59
 Operator : MA/JU
 Sample : P2934-05DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B72DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 16:35:02 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	7.607	152	8463	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	25843	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	13961	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	23046	0.400	ng/ul	-0.02
17) Chrysene-d12	21.211	240	18217	0.400	ng/ul	-0.01
23) Perylene-d12	23.427	264	21731	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	5718	0.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	1751	0.045	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	2579	0.047	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.431	128	9218	0.135	ng/ul	97
7) 2-Methylnaphthalene	12.059	142	2716	0.060	ng/ul	98
8) 1-Methylnaphthalene	12.279	142	1681	0.036	ng/ul	99
10) Acenaphthylene	13.975	152	10497	0.181	ng/ul	98
11) Acenaphthene	14.318	153	4411	0.098	ng/ul	99
12) Fluorene	15.308	166	5027	0.094	ng/ul#	98
15) Phenanthrene	17.050	178	74317	1.176	ng/ul	99
16) Anthracene	17.143	178	15507	0.275	ng/ul	96
19) Fluoranthene	19.078	202	126649	1.826	ng/ul	100
20) Pyrene	19.440	202	101506	1.400	ng/ul	99
21) Benzo(a)anthracene	21.197	228	67418	1.025	ng/ul	96
22) Chrysene	21.249	228	66715	0.924	ng/ul	96
24) Benzo(b)fluoranthene	22.763	252	101077m	1.071	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	36227m	0.395	ng/ul	
26) Benzo(a)pyrene	23.330	252	44690	0.680	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.663	276	41944	0.408	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.663	278	13109	0.172	ng/ul#	64
29) Benzo(g,h,i)perylene	26.347	276	6599	0.081	ng/ul#	58

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

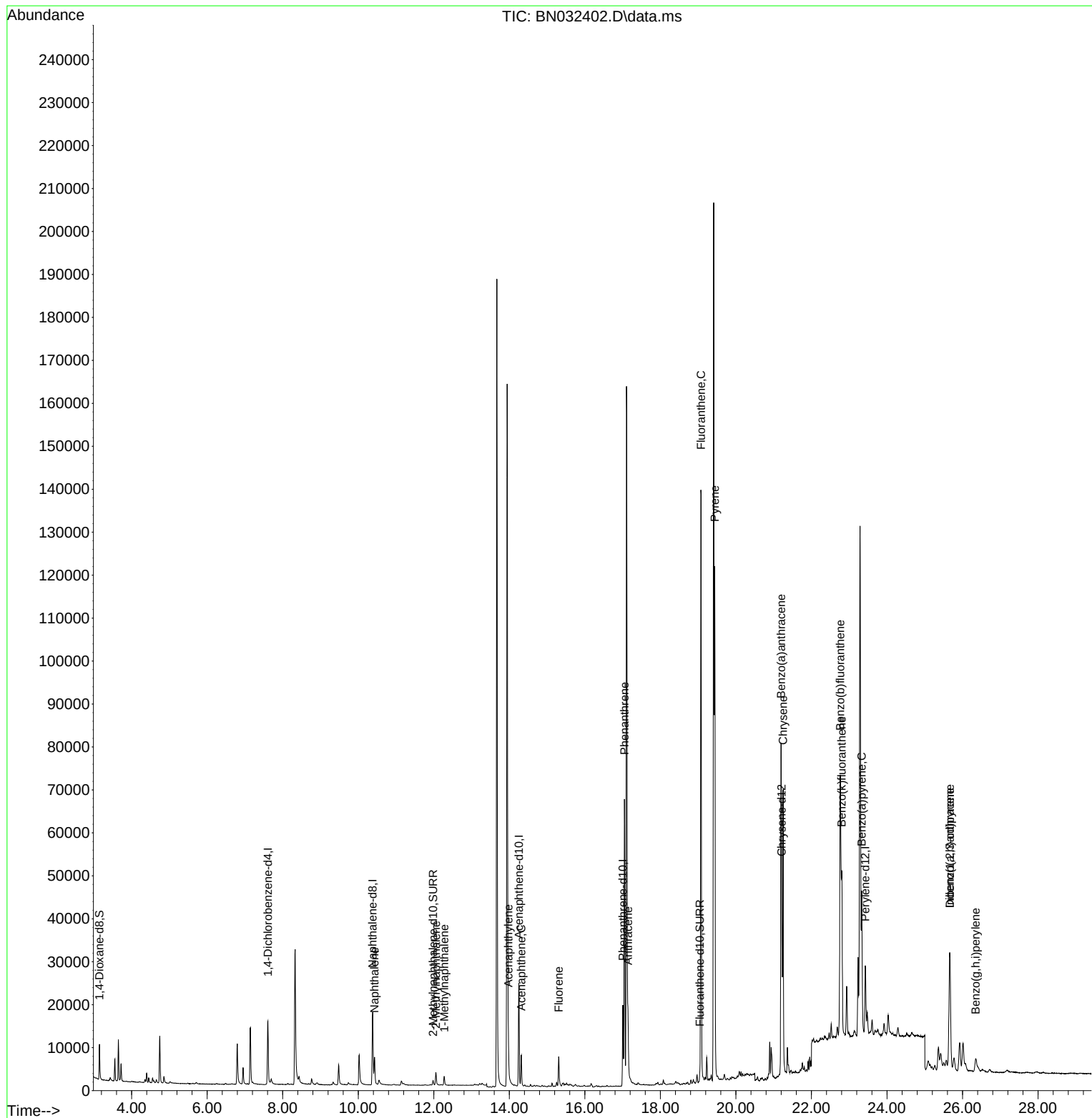
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032402.D
Acq On : 02 Jul 2024 15:59
Operator : MA/JU
Sample : P2934-05DL 5X
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ALS Vial : 49 Sample Multiplier: 1

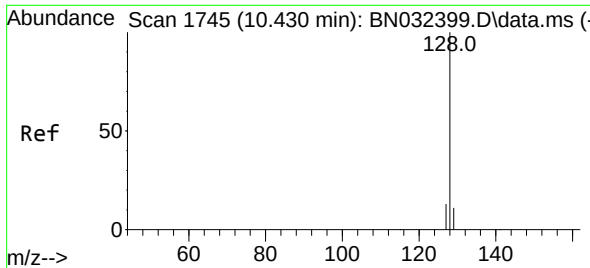
Instrument :
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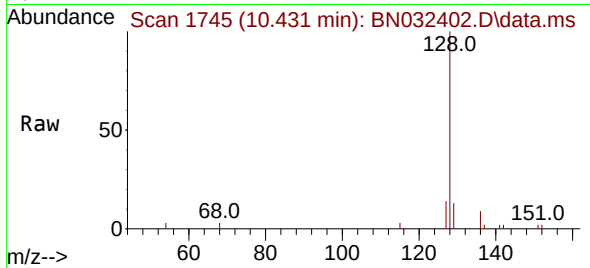
Quant Time: Jul 02 16:35:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.135 ng/ul
RT: 10.431 min Scan# 1745
Delta R.T. -0.017 min
Lab File: BN032402.D
Acq: 02 Jul 2024 15:59

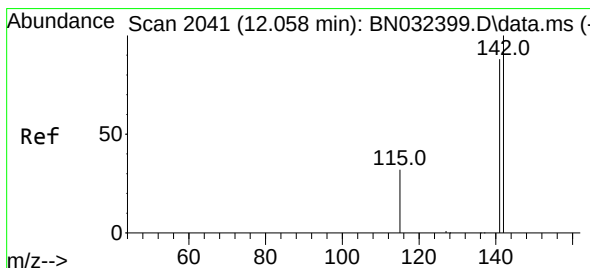
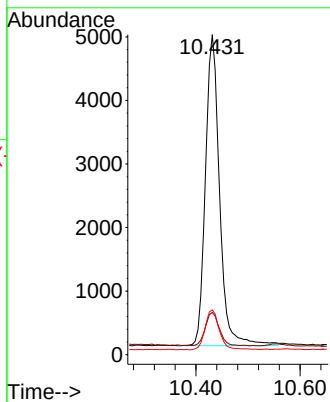
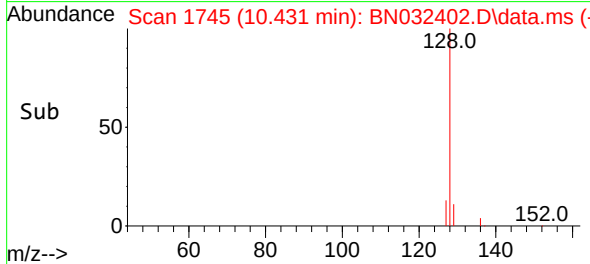
Instrument :
BNA_N
ClientSampleId :
A4B72DL



Tgt Ion:128 Resp: 9218
Ion Ratio Lower Upper
128 100
129 13.2 9.2 13.8
127 14.0 10.8 16.2

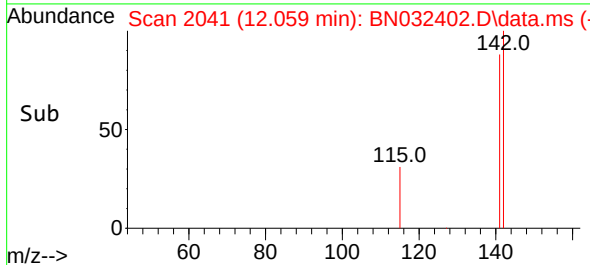
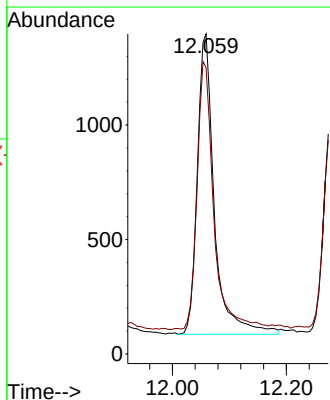
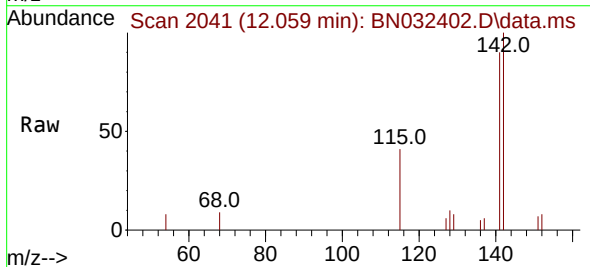
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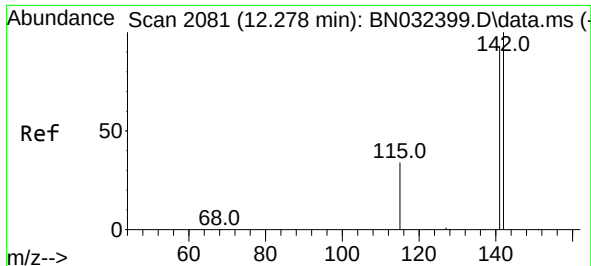
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032402.D
Acq: 02 Jul 2024 15:59

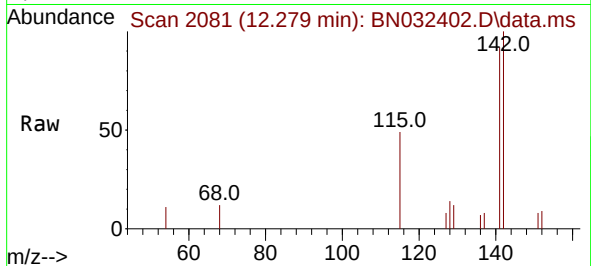
Tgt Ion:142 Resp: 2716
Ion Ratio Lower Upper
142 100
141 88.1 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.017 min
Lab File: BN032402.D
Acq: 02 Jul 2024 15:59

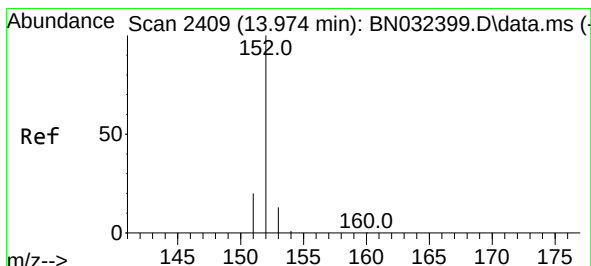
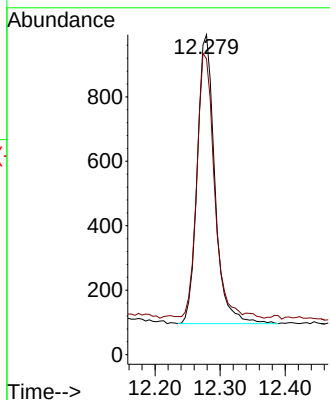
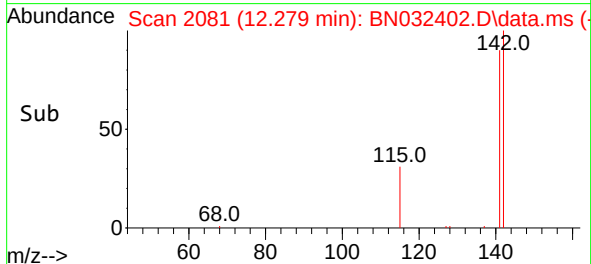
Instrument :
BNA_N
ClientSampleId :
A4B72DL



Tgt Ion:142 Resp: 168
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.0

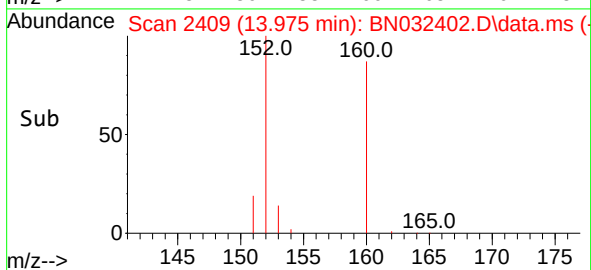
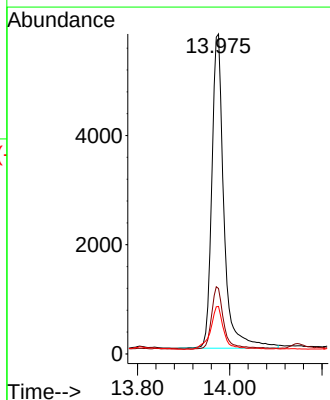
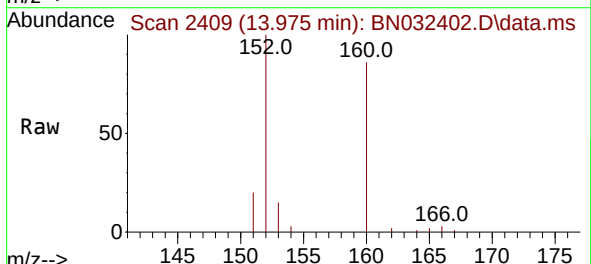
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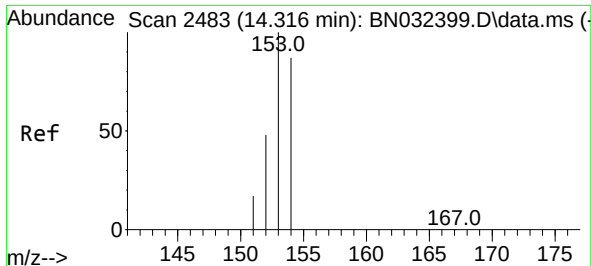
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.181 ng/ul
RT: 13.975 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032402.D
Acq: 02 Jul 2024 15:59

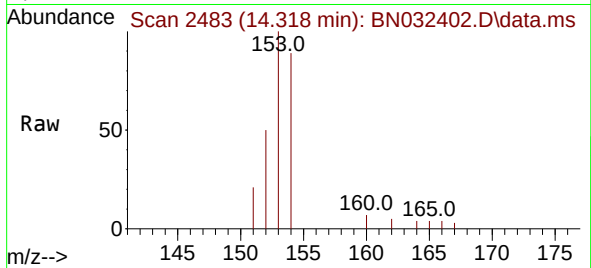
Tgt Ion:152 Resp: 10497
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 14.8 10.9 16.3





#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032402.D
Acq: 02 Jul 2024 15:59

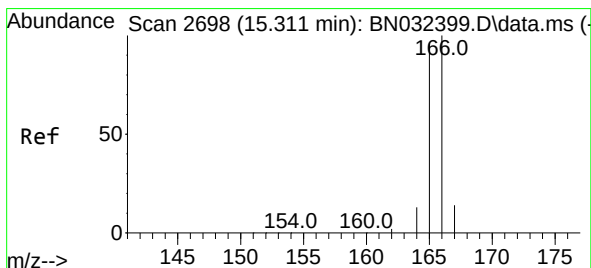
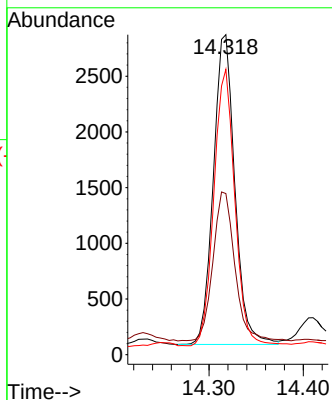
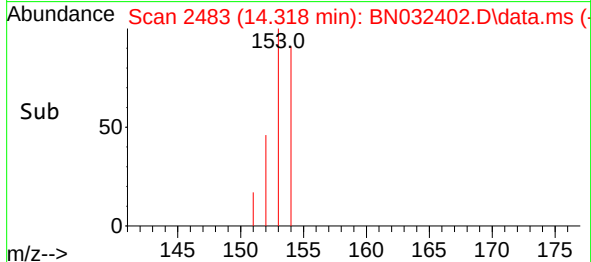
Instrument :
BNA_N
ClientSampleId :
A4B72DL



Tgt Ion:153 Resp: 441
Ion Ratio Lower Upper
153 100
152 50.4 39.5 59.3
154 89.2 71.7 107.5

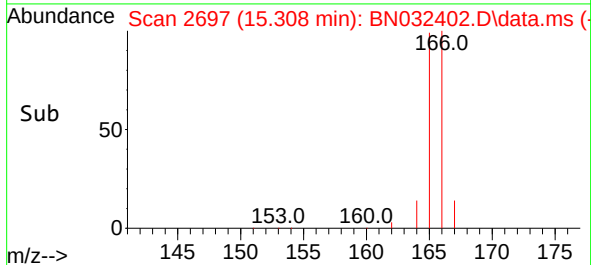
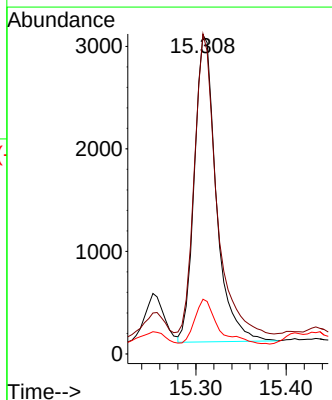
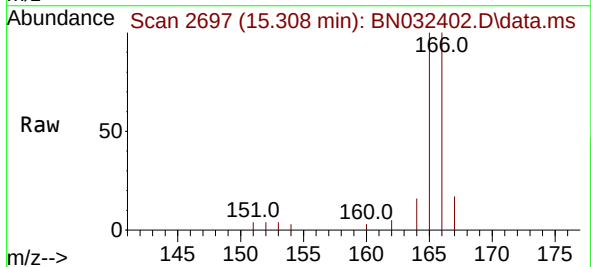
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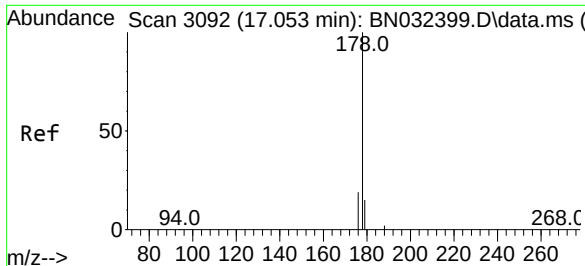
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.094 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032402.D
Acq: 02 Jul 2024 15:59

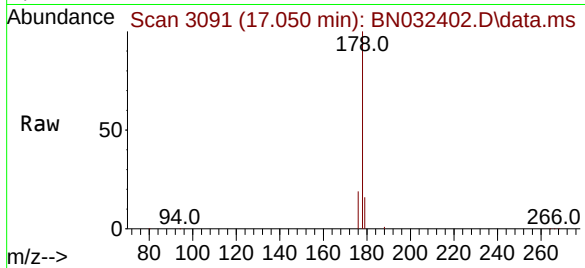
Tgt Ion:166 Resp: 5027
Ion Ratio Lower Upper
166 100
165 100.3 79.0 118.6
167 17.1 11.0 16.6#





#15
 Phenanthrene
 Concen: 1.176 ng/ul
 RT: 17.050 min Scan# 3092
 Delta R.T. -0.017 min
 Lab File: BN032402.D
 Acq: 02 Jul 2024 15:59

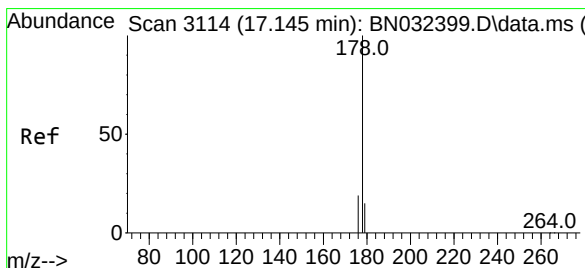
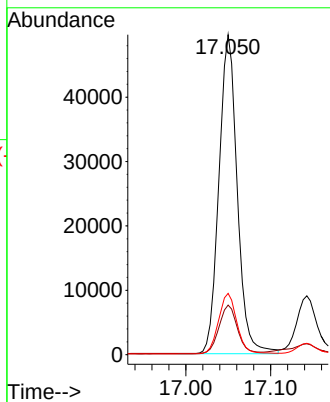
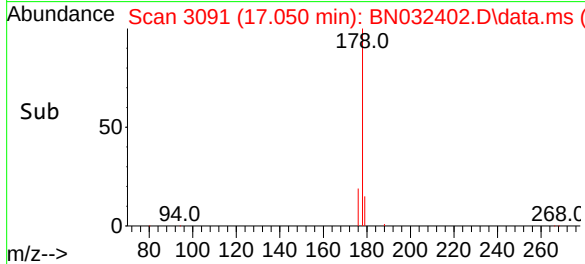
Instrument :
 BNA_N
 ClientSampleId :
 A4B72DL



Tgt Ion:178 Resp: 7431
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.6 18.8
 176 19.1 15.6 23.4

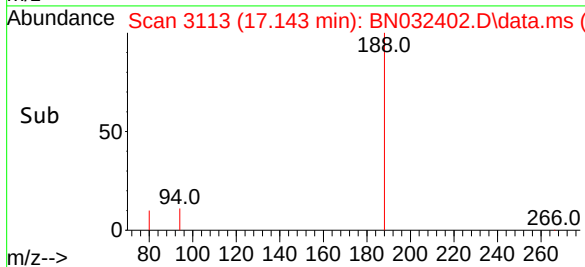
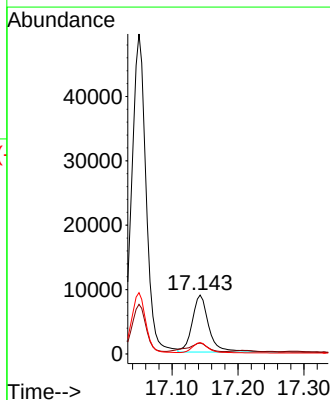
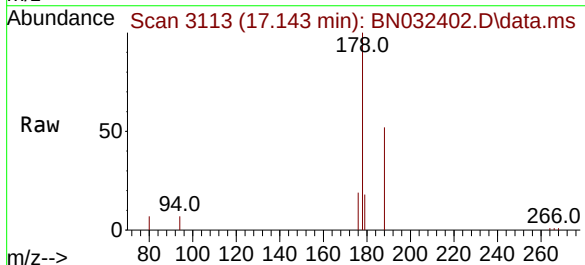
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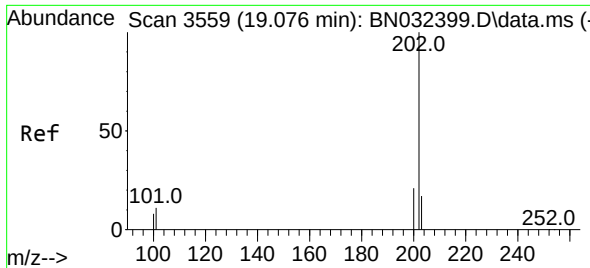
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



#16
 Anthracene
 Concen: 0.275 ng/ul
 RT: 17.143 min Scan# 3113
 Delta R.T. -0.017 min
 Lab File: BN032402.D
 Acq: 02 Jul 2024 15:59

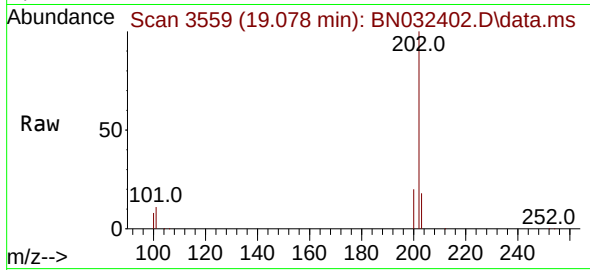
Tgt Ion:178 Resp: 15507
 Ion Ratio Lower Upper
 178 100
 179 18.4 12.5 18.7
 176 19.4 15.0 22.6





#19
Fluoranthene
Concen: 1.826 ng/ul
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032402.D
Acq: 02 Jul 2024 15:59

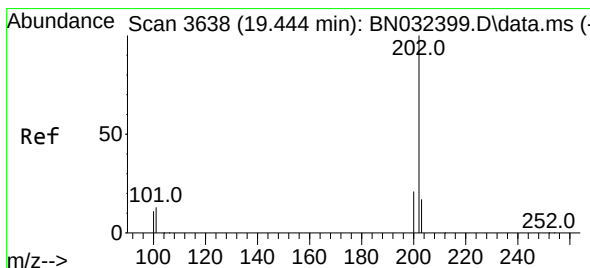
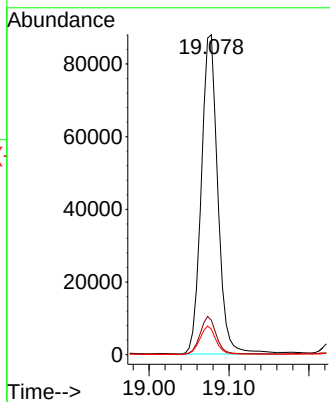
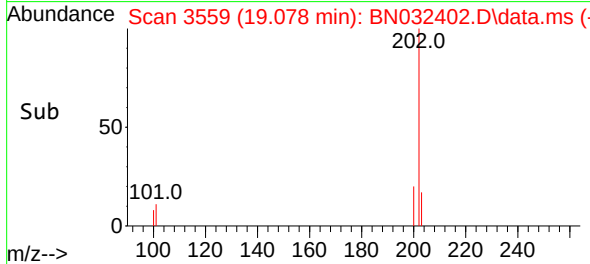
Instrument :
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ClientSampleId :
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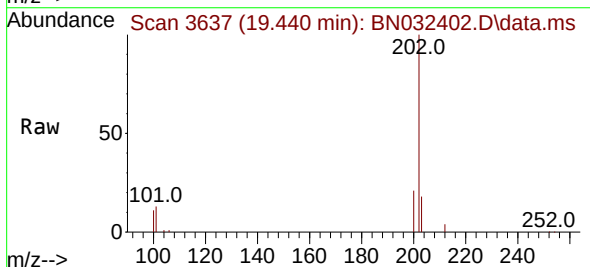
Tgt Ion:202 Resp: 126649
Ion Ratio Lower Upper
202 100
101 10.8 8.8 13.2
100 8.0 6.4 9.6

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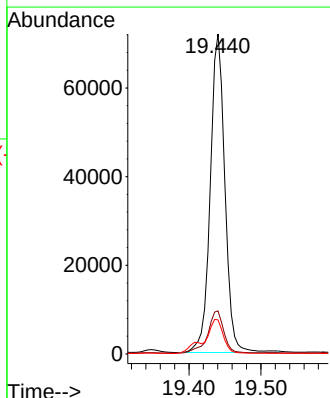
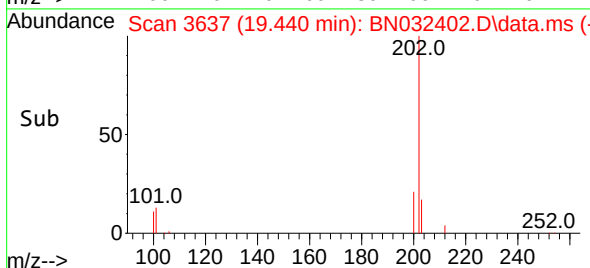
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

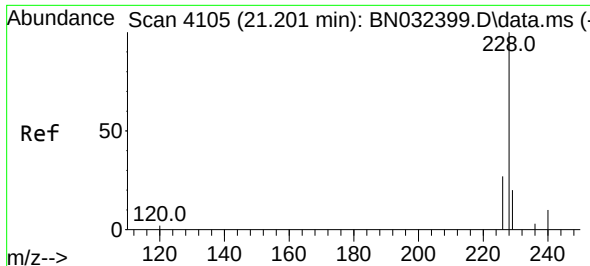


#20
Pyrene
Concen: 1.400 ng/ul
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032402.D
Acq: 02 Jul 2024 15:59



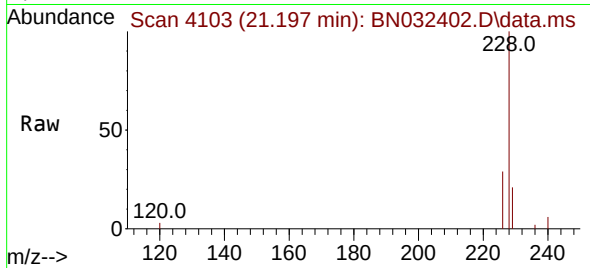
Tgt Ion:202 Resp: 101506
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.4
100 10.7 8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.025 ng/ul
RT: 21.197 min Scan# 4105
Delta R.T. -0.018 min
Lab File: BN032402.D
Acq: 02 Jul 2024 15:59

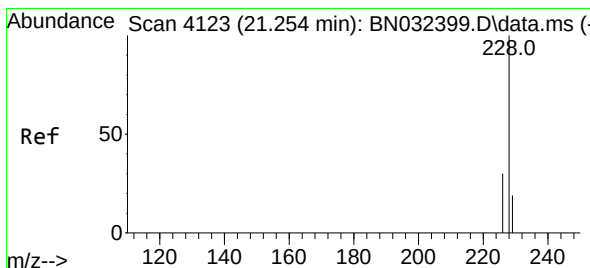
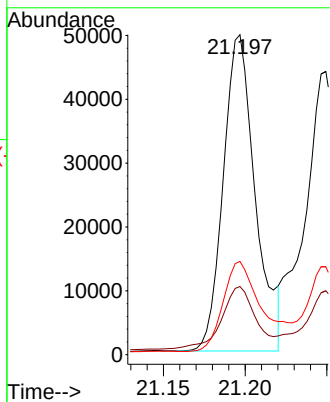
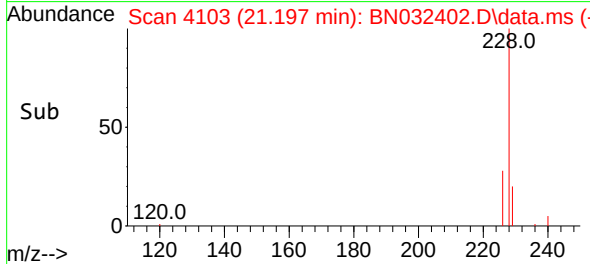
Instrument :
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A4B72DL



Tgt Ion:228 Resp: 67418
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 29.1 21.8 32.8

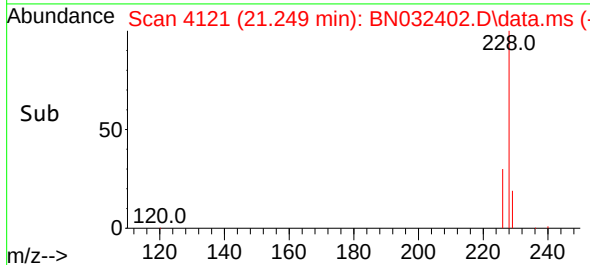
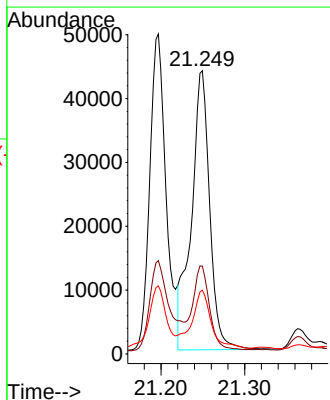
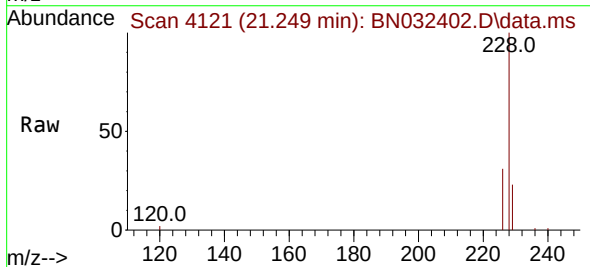
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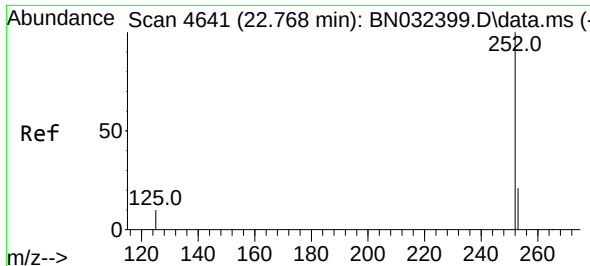
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 0.924 ng/ul
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032402.D
Acq: 02 Jul 2024 15:59

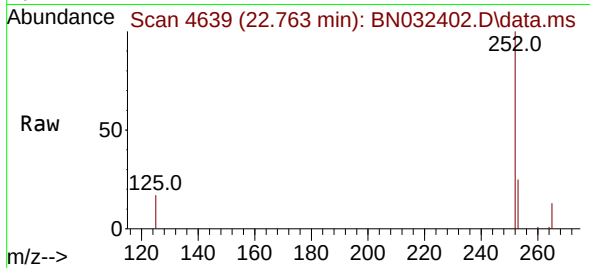
Tgt Ion:228 Resp: 66715
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 22.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.071 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032402.D
Acq: 02 Jul 2024 15:59

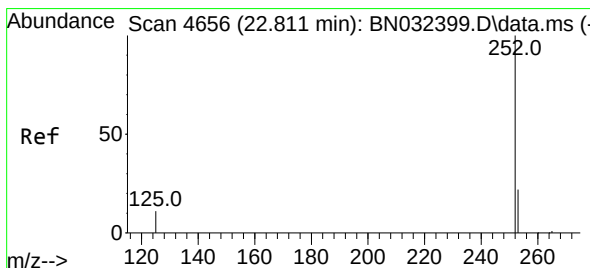
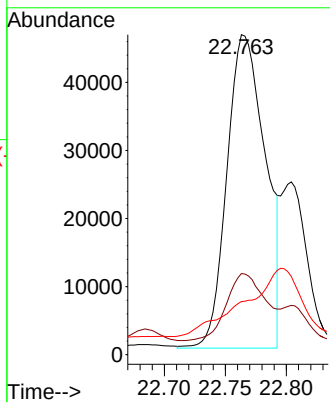
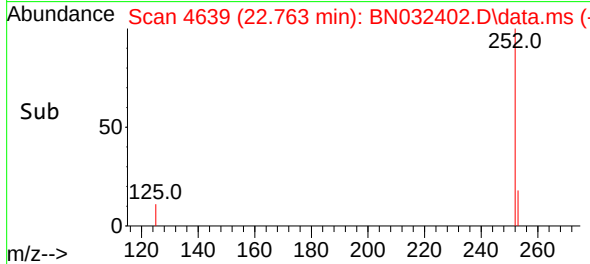
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 10107
Ion Ratio Lower Upper
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125 16.6 0.0 32.0

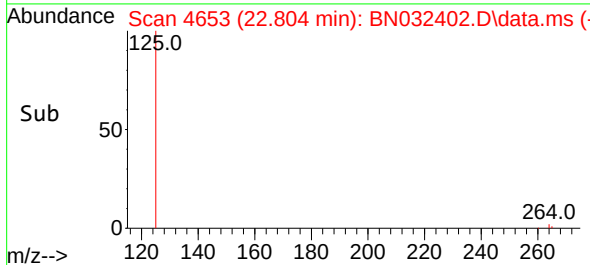
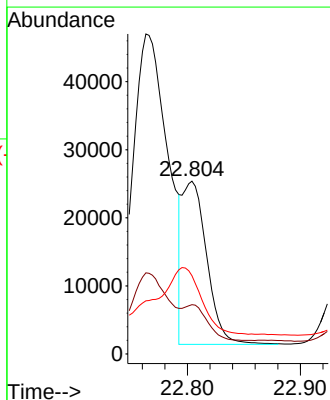
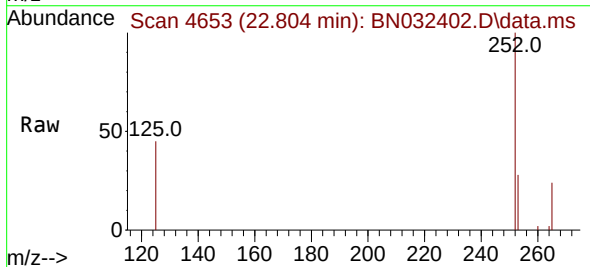
Manual Integrations
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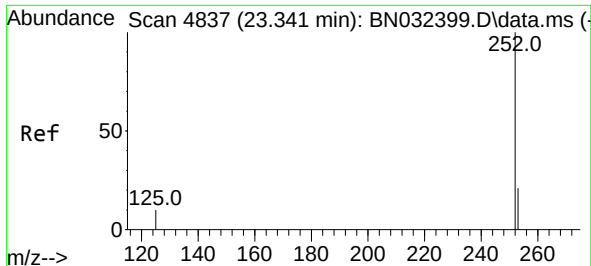
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. -0.024 min
Lab File: BN032402.D
Acq: 02 Jul 2024 15:59

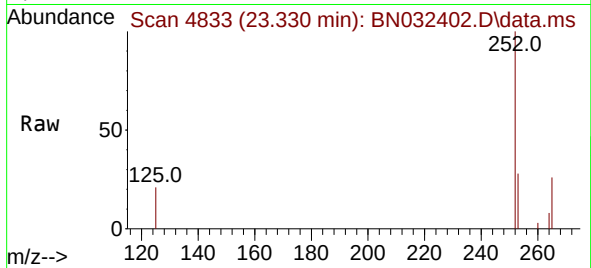
Tgt Ion:252 Resp: 36227
Ion Ratio Lower Upper
252 100
253 28.5 20.3 30.5
125 45.3 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.680 ng/ul
RT: 23.330 min Scan# 4833
Delta R.T. -0.029 min
Lab File: BN032402.D
Acq: 02 Jul 2024 15:59

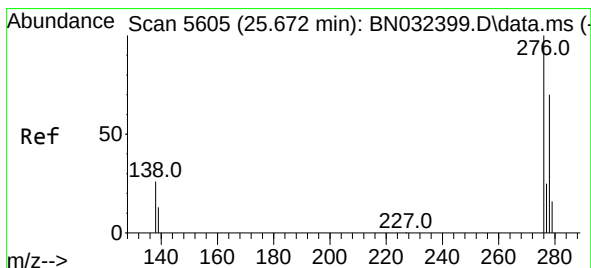
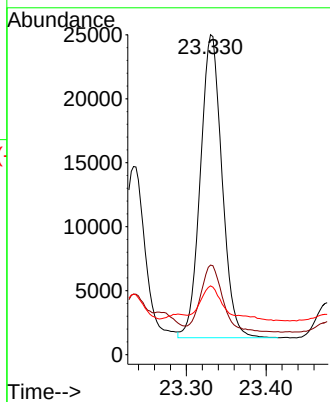
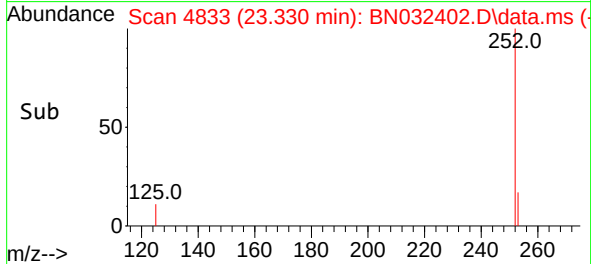
Instrument :
BNA_N
ClientSampleId :
A4B72DL



Tgt Ion:252 Resp: 44690
Ion Ratio Lower Upper
252 100
253 28.0 22.2 33.2
125 21.5 16.4 24.6

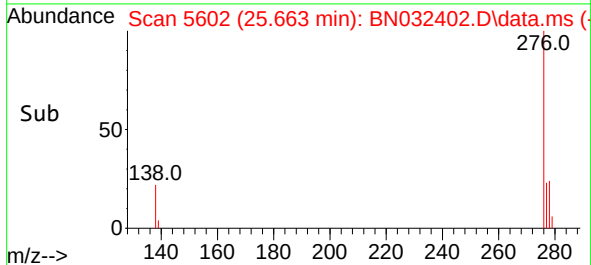
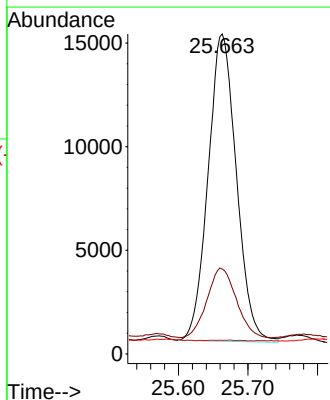
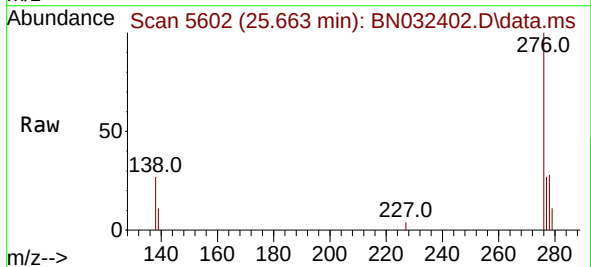
Manual Integrations
APPROVED

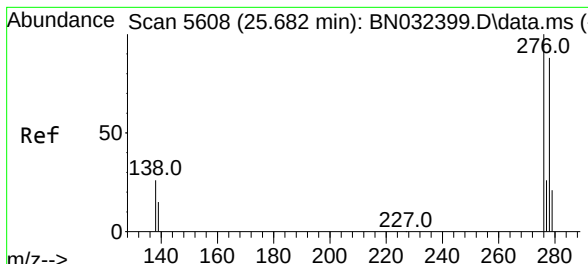
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032402.D
Acq: 02 Jul 2024 15:59

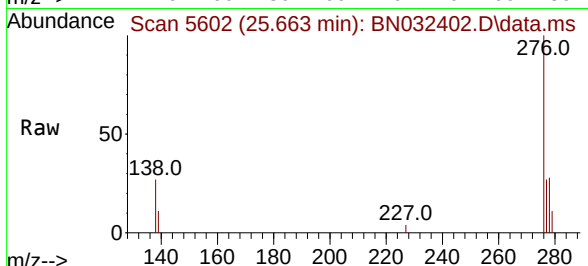
Tgt Ion:276 Resp: 41944
Ion Ratio Lower Upper
276 100
138 24.1 21.3 31.9
227 0.1 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.172 ng/ul
 RT: 25.663 min Scan# 5602
 Delta R.T. -0.047 min
 Lab File: BN032402.D
 Acq: 02 Jul 2024 15:59

Instrument :
 BNA_N
 ClientSampleId :
 A4B72DL

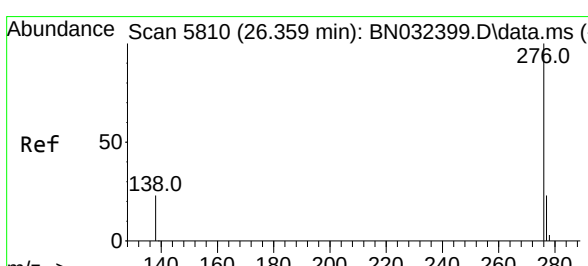
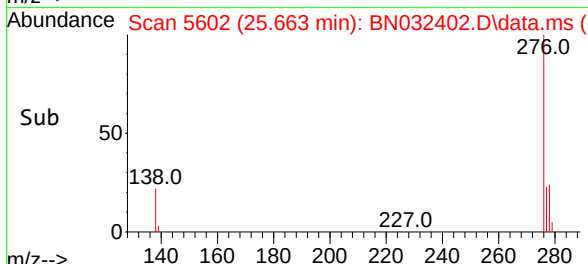
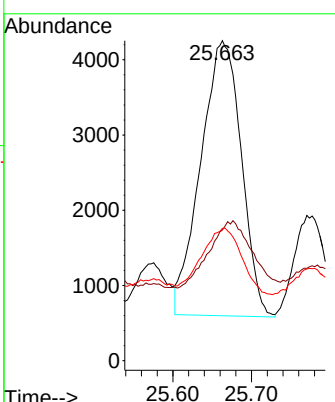


Tgt Ion: 278 Resp: 13109

Ion	Ratio	Lower	Upper
278	100		
139	40.8	15.9	23.9
279	41.3	21.1	31.7

Manual Integrations
 APPROVED

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



#29
 Benzo(g,h,i)perylene
 Concen: 0.081 ng/ul
 RT: 26.347 min Scan# 5806
 Delta R.T. -0.034 min
 Lab File: BN032402.D
 Acq: 02 Jul 2024 15:59

Tgt Ion: 276 Resp: 6599

Ion	Ratio	Lower	Upper
276	100		
138	46.8	19.8	29.6
277	44.7	19.8	29.6

