

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032405.D
 Acq On : 02 Jul 2024 17:48
 Operator : MA/JU
 Sample : P2871-10
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C60

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 23:55:31 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	8144	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	25094	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	13825	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	23623m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.211	240	19209m	0.400	ng/ul	-0.01
23) Perylene-d12	23.427	264	20950m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	43692	4.827	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	13071	0.347	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	22740	0.393	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.431	128	2447	0.037	ng/ul#	86
7) 2-Methylnaphthalene	12.054	142	917	0.021	ng/ul	99
10) Acenaphthylene	13.971	152	5987	0.104	ng/ul#	92
11) Acenaphthene	14.313	153	1606	0.036	ng/ul	96
12) Fluorene	15.308	166	2049	0.039	ng/ul#	97
15) Phenanthrene	17.050	178	32170m	0.497	ng/ul	
16) Anthracene	17.143	178	7892m	0.137	ng/ul	
19) Fluoranthene	19.073	202	73393	1.003	ng/ul	97
20) Pyrene	19.440	202	65277	0.854	ng/ul	99
21) Benzo(a)anthracene	21.197	228	40314	0.581	ng/ul	93
22) Chrysene	21.247	228	40634	0.534	ng/ul	94
24) Benzo(b)fluoranthene	22.763	252	65010m	0.714	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	20767m	0.235	ng/ul	
26) Benzo(a)pyrene	23.330	252	42139	0.665	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.663	276	33106	0.334	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.663	278	8002	0.109	ng/ul#	38
29) Benzo(g,h,i)perylene	26.351	276	32892	0.416	ng/ul	91

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

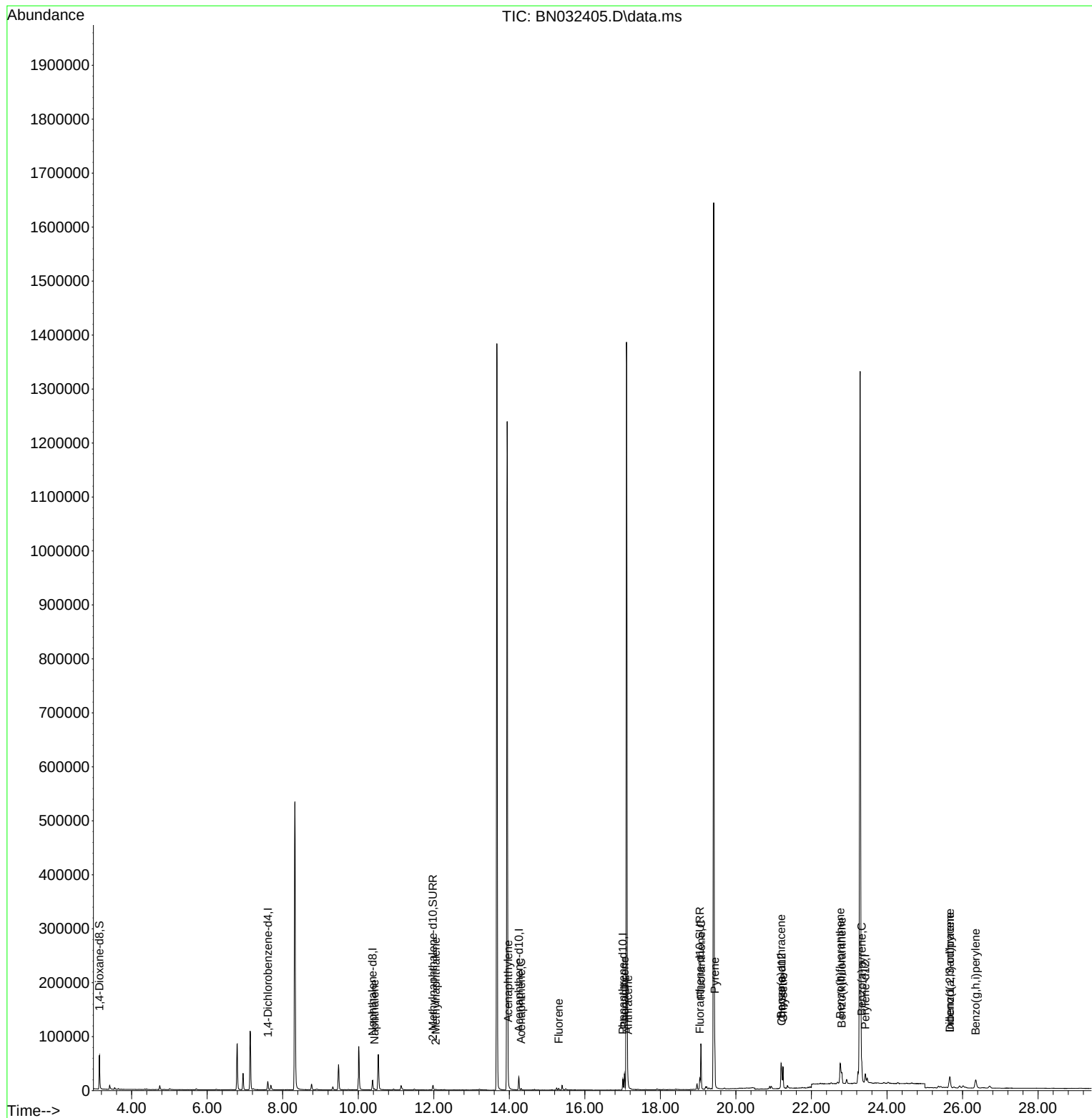
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032405.D
Acq On : 02 Jul 2024 17:48
Operator : MA/JU
Sample : P2871-10
Misc :
ALS Vial : 52 Sample Multiplier: 1

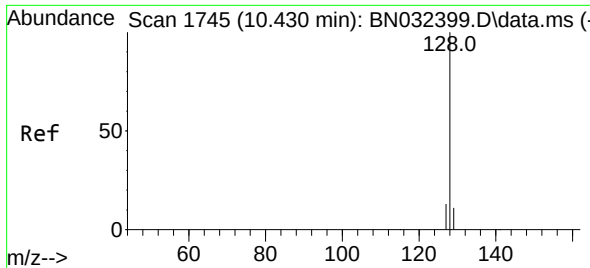
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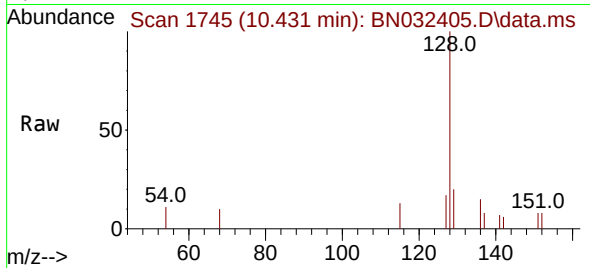
Quant Time: Jul 02 23:55:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.431 min Scan# 1745
Delta R.T. -0.017 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

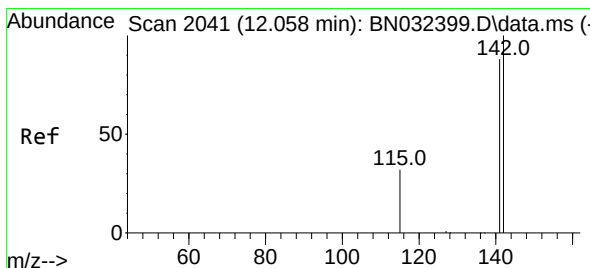
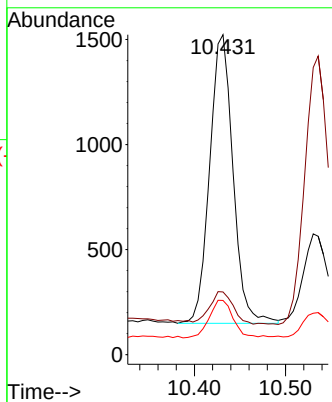
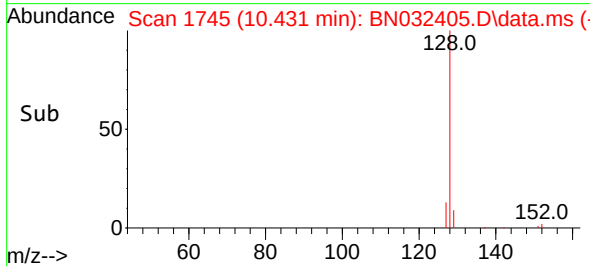
Instrument :
BNA_N
ClientSampleId :
A4C60



Tgt Ion:128 Resp: 244
Ion Ratio Lower Upper
128 100
129 19.6 9.2 13.8
127 16.9 10.8 16.2

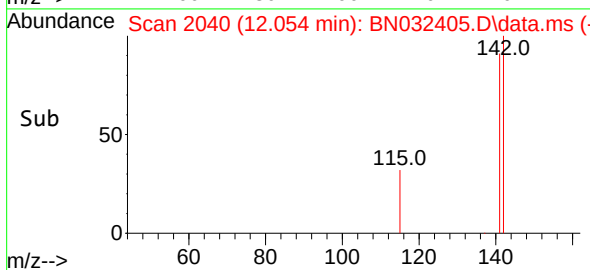
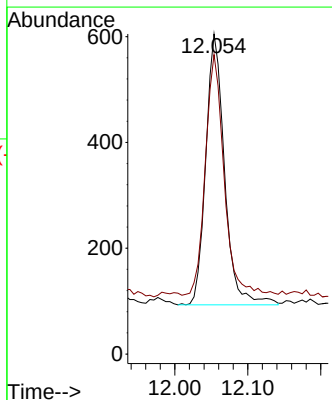
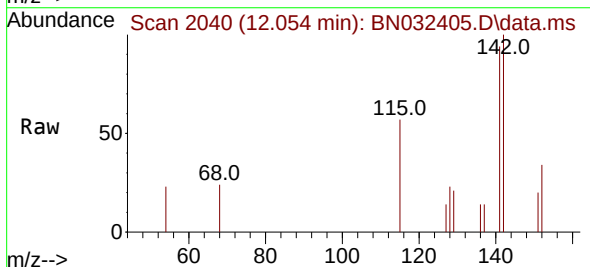
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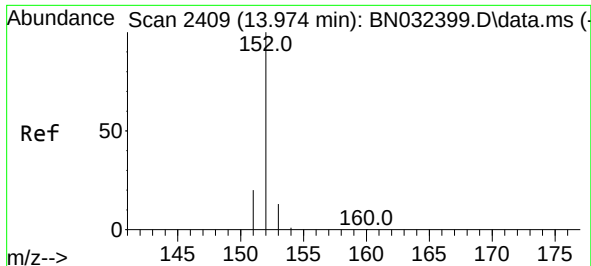
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.022 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

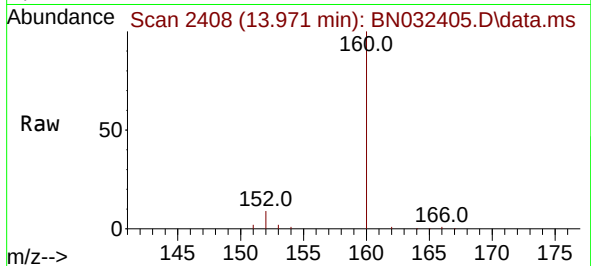
Tgt Ion:142 Resp: 917
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2





#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

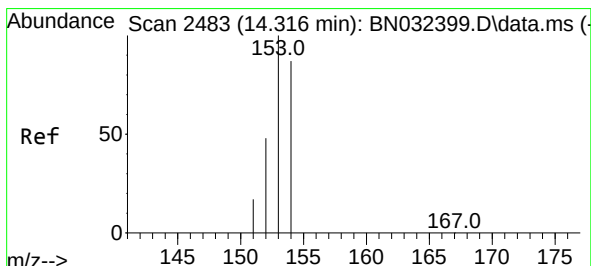
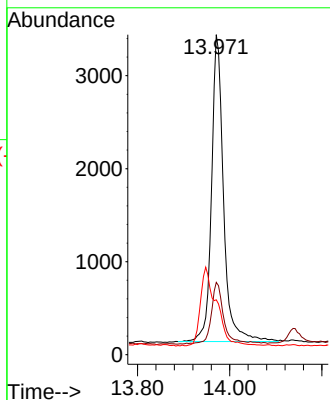
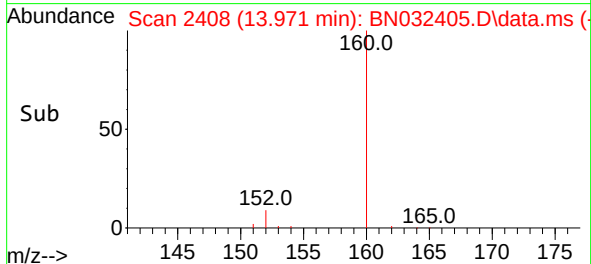
Instrument :
BNA_N
ClientSampleId :
A4C60



Tgt Ion:152 Resp: 598
Ion Ratio Lower Upper
152 100
151 22.6 15.7 23.5
153 17.2 10.9 16.3

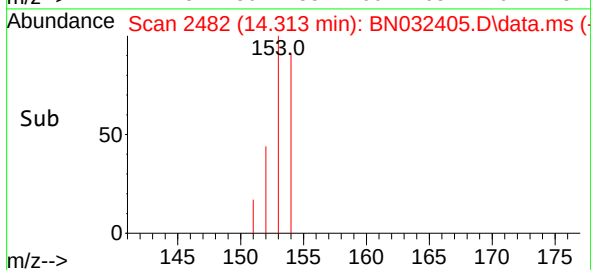
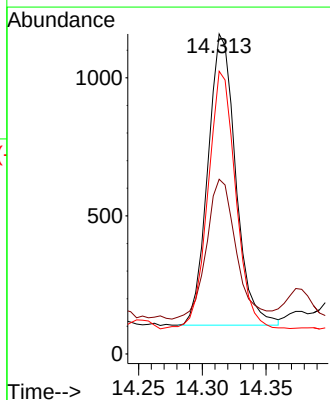
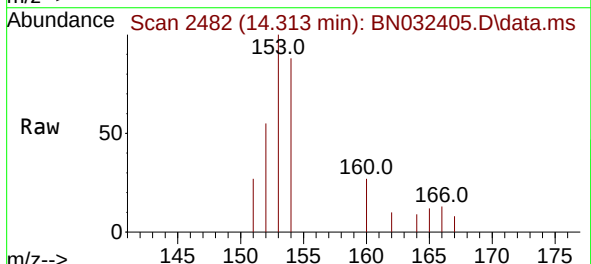
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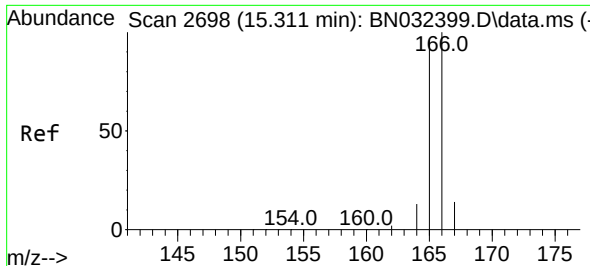
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

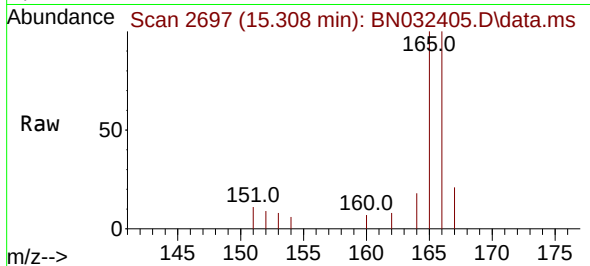
Tgt Ion:153 Resp: 1606
Ion Ratio Lower Upper
153 100
152 54.6 39.5 59.3
154 88.4 71.7 107.5





#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

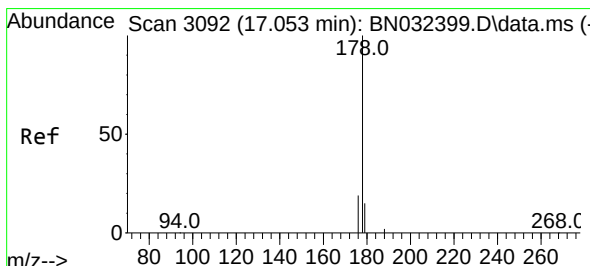
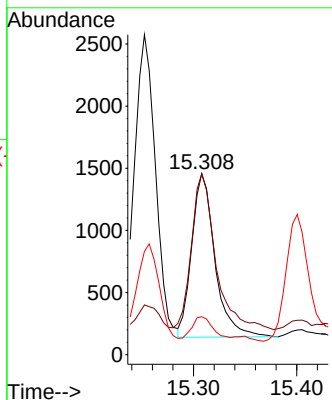
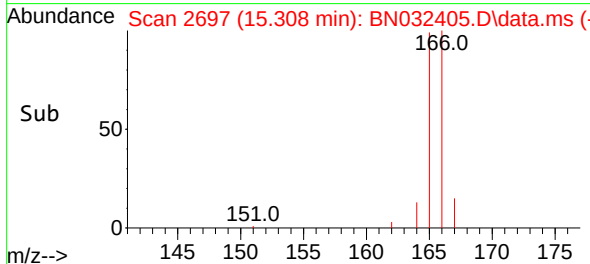
Instrument :
BNA_N
ClientSampleId :
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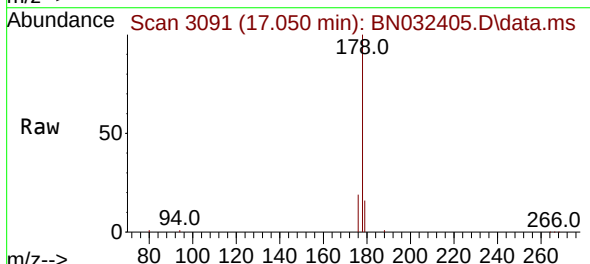
Tgt Ion:166 Resp: 2049
Ion Ratio Lower Upper
166 100
165 100.0 79.0 118.6
167 20.9 11.0 16.6

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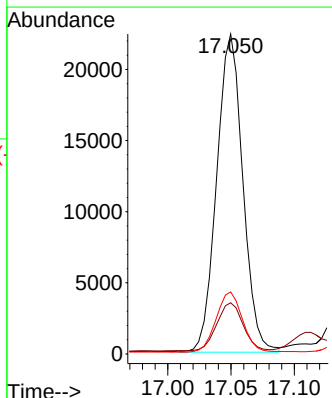
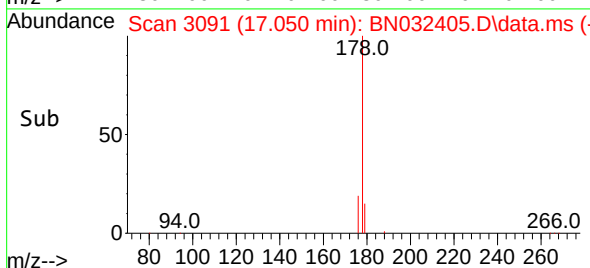
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

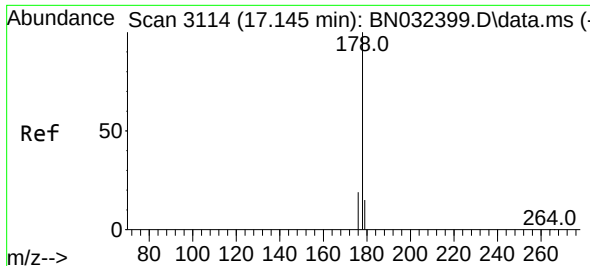


#15
Phenanthrene
Concen: 0.497 ng/ul m
RT: 17.050 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48



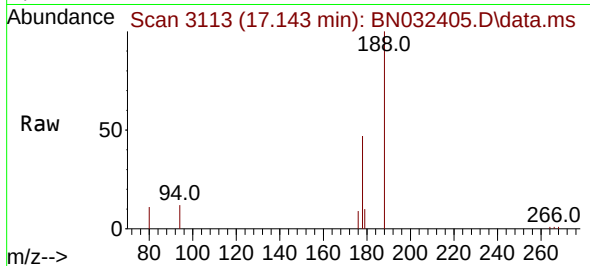
Tgt Ion:178 Resp: 32170
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.4 15.6 23.4





#16
 Anthracene
 Concen: 0.137 ng/ul m
 RT: 17.143 min Scan# 3113
 Delta R.T. -0.017 min
 Lab File: BN032405.D
 Acq: 02 Jul 2024 17:48

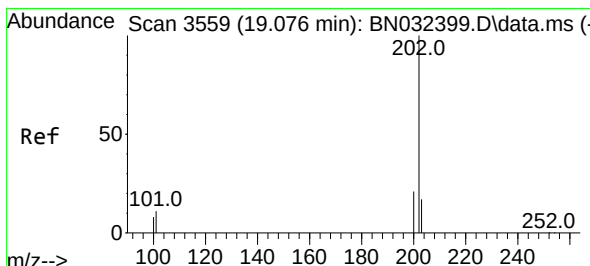
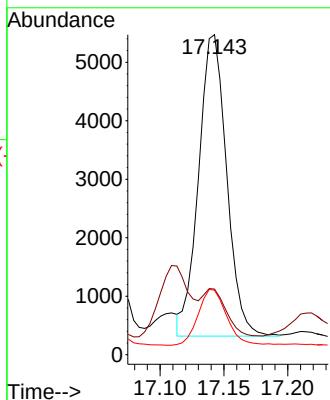
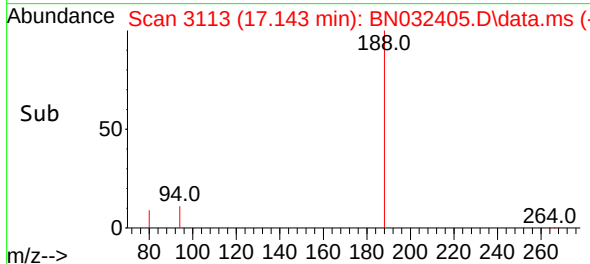
Instrument :
 BNA_N
 ClientSampleId :
 A4C60



Tgt Ion:178 Resp: 7892
 Ion Ratio Lower Upper
 178 100
 179 20.5 12.5 18.7
 176 20.2 15.0 22.6

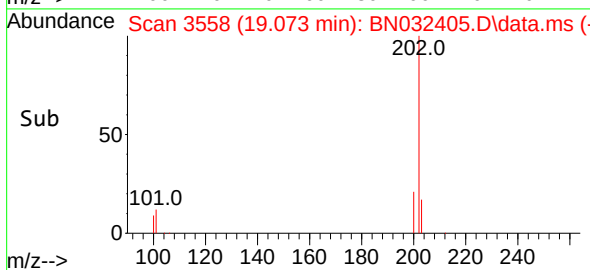
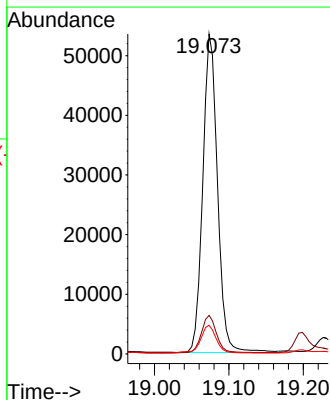
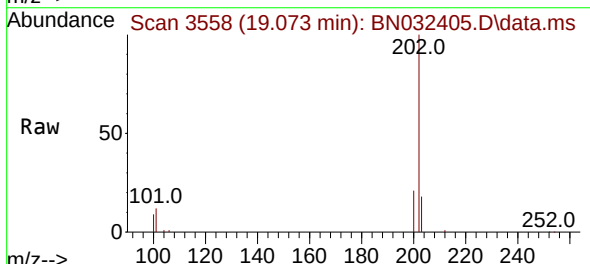
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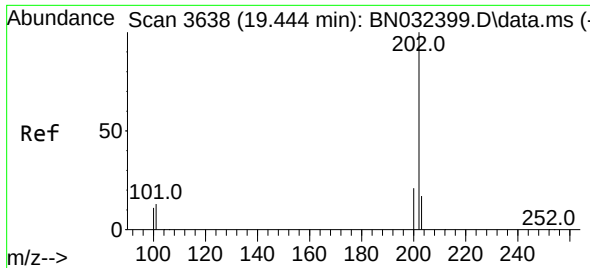
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 1.003 ng/ul
 RT: 19.073 min Scan# 3558
 Delta R.T. -0.019 min
 Lab File: BN032405.D
 Acq: 02 Jul 2024 17:48

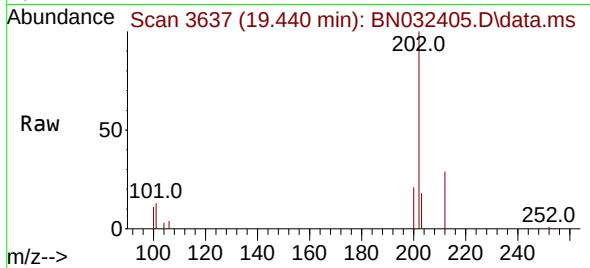
Tgt Ion:202 Resp: 73393
 Ion Ratio Lower Upper
 202 100
 101 12.1 8.8 13.2
 100 8.9 6.4 9.6





#20
Pyrene
Concen: 0.854 ng/ul
RT: 19.440 min Scan# 3638
Delta R.T. -0.014 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

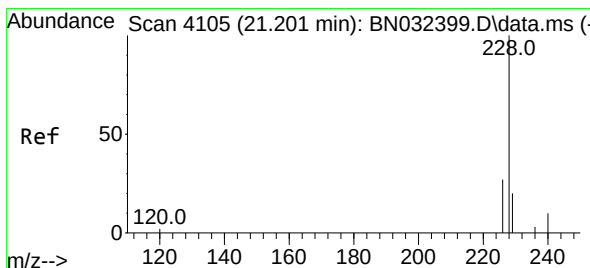
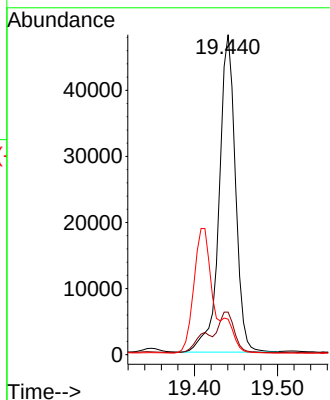
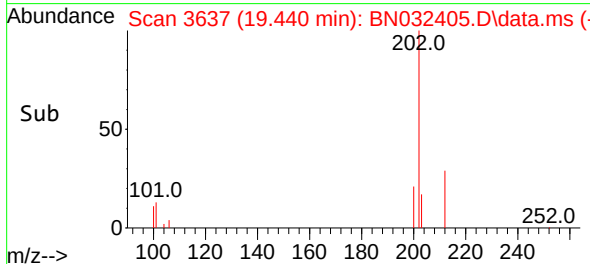
Instrument :
BNA_N
ClientSampleId :
A4C60



Tgt Ion:202 Resp: 6527
Ion Ratio Lower Upper
202 100
101 13.3 11.0 16.4
100 11.1 8.7 13.1

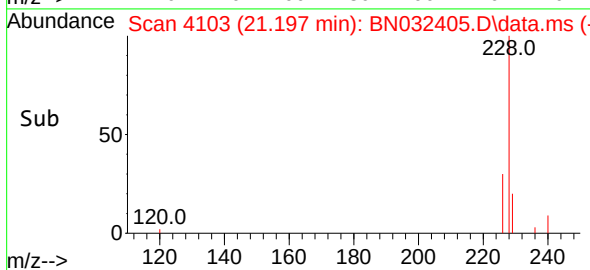
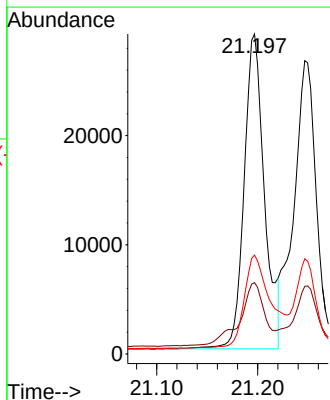
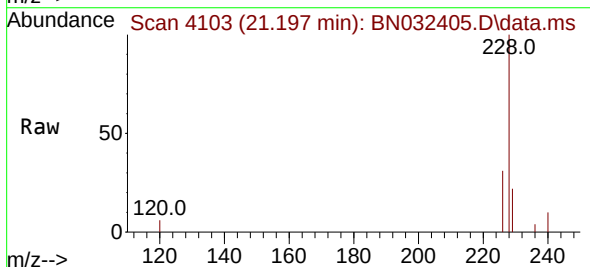
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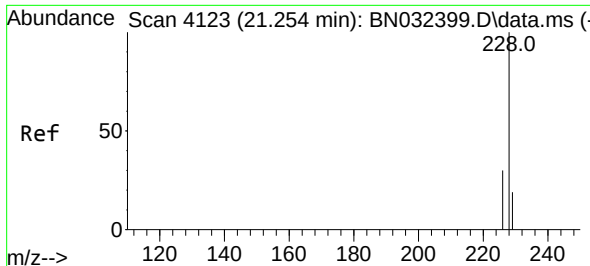
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#21
Benzo(a)anthracene
Concen: 0.581 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. -0.018 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

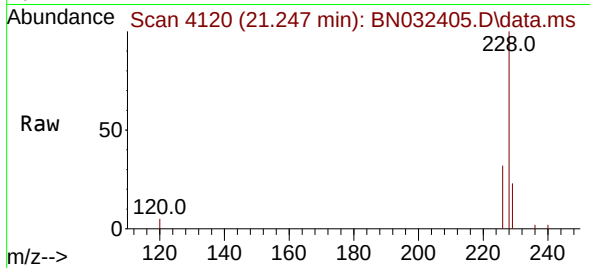
Tgt Ion:228 Resp: 40314
Ion Ratio Lower Upper
228 100
229 22.3 15.7 23.5
226 30.9 21.8 32.8





#22
Chrysene
Concen: 0.534 ng/ul
RT: 21.247 min Scan# 4123
Delta R.T. -0.021 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

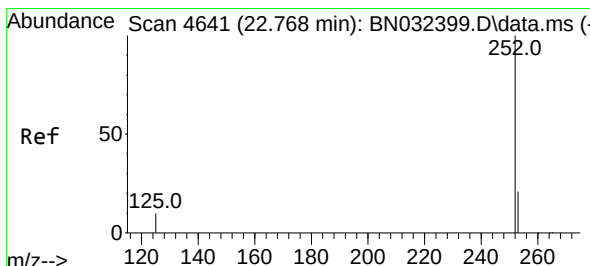
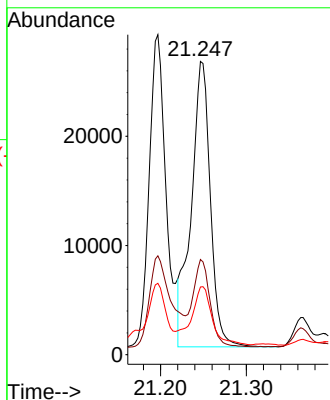
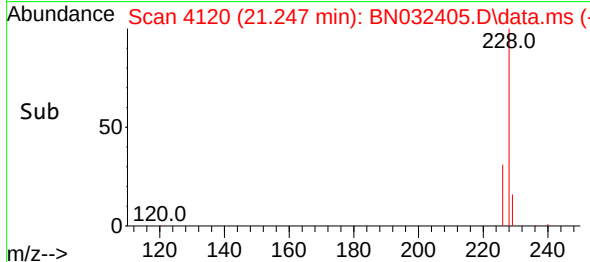
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Tgt Ion:228 Resp: 40634
Ion Ratio Lower Upper
228 100
226 32.5 23.6 35.4
229 23.1 15.7 23.5

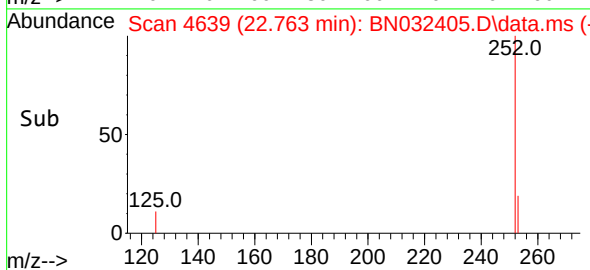
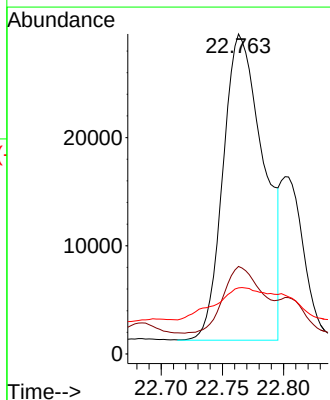
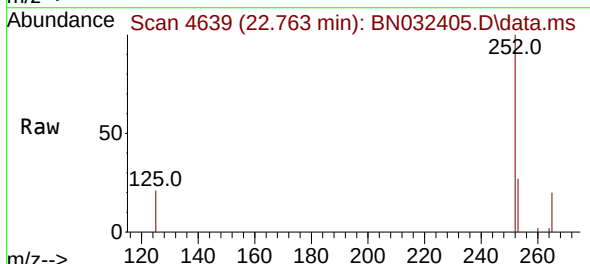
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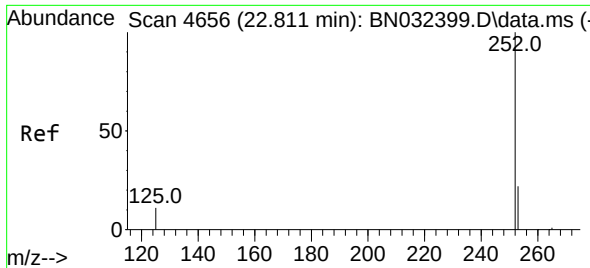
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#24
Benzo(b)fluoranthene
Concen: 0.714 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

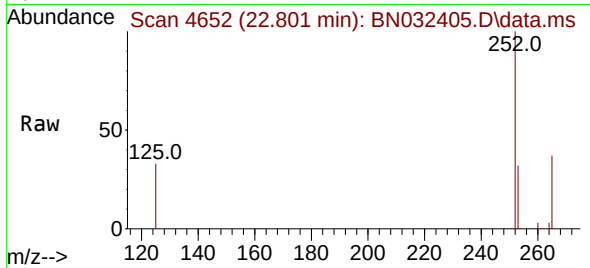
Tgt Ion:252 Resp: 65010
Ion Ratio Lower Upper
252 100
253 27.3 0.0 50.2
125 20.7 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.235 ng/ul m
RT: 22.801 min Scan# 4656
Delta R.T. -0.026 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

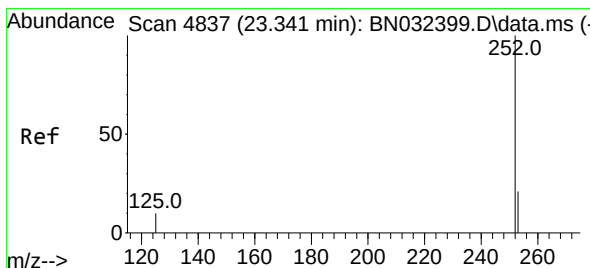
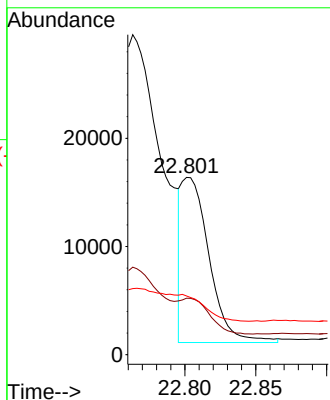
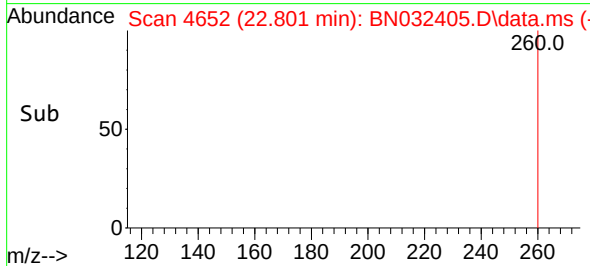
Instrument :
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ClientSampleId :
A4C60



Tgt Ion:252 Resp: 2076
Ion Ratio Lower Upper
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125 33.2 12.8 19.2

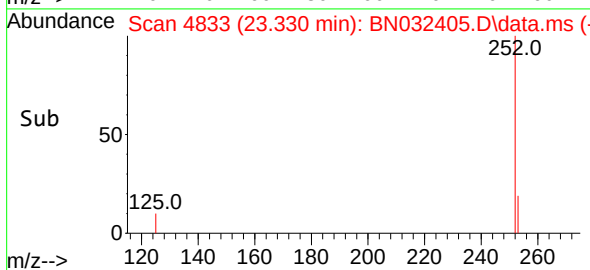
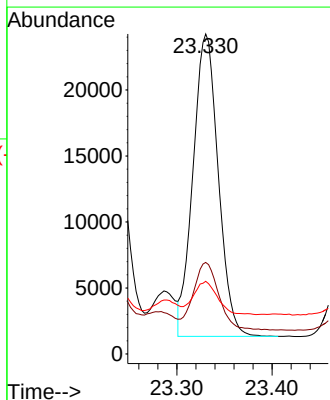
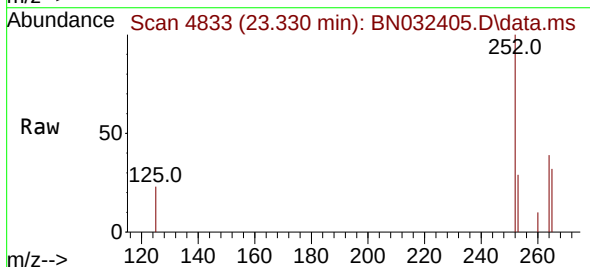
Manual Integrations
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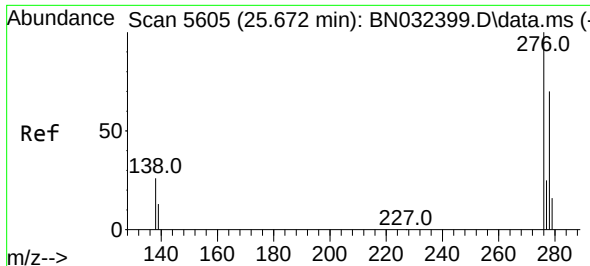
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 0.665 ng/ul
RT: 23.330 min Scan# 4833
Delta R.T. -0.029 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

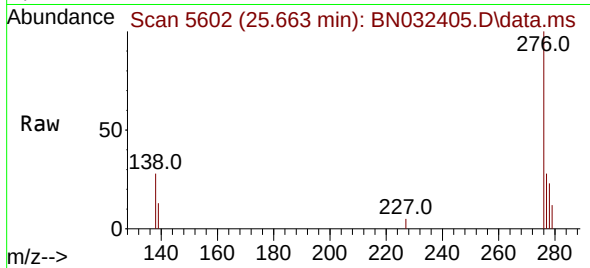
Tgt Ion:252 Resp: 42139
Ion Ratio Lower Upper
252 100
253 28.6 22.2 33.2
125 22.7 16.4 24.6





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.334 ng/ul
 RT: 25.663 min Scan# 5605
 Delta R.T. -0.037 min
 Lab File: BN032405.D
 Acq: 02 Jul 2024 17:48

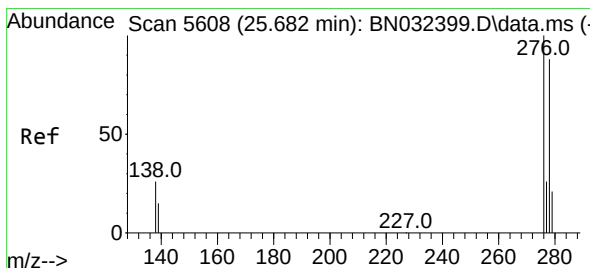
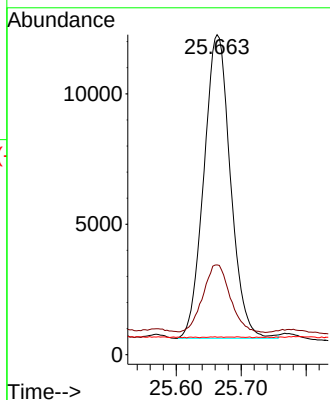
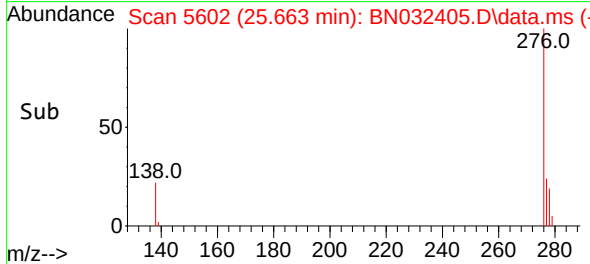
Instrument :
 BNA_N
 ClientSampleId :
 A4C60



Tgt Ion:276 Resp: 33100
 Ion Ratio Lower Upper
 276 100
 138 23.1 21.3 31.9
 227 0.2 0.1 0.1

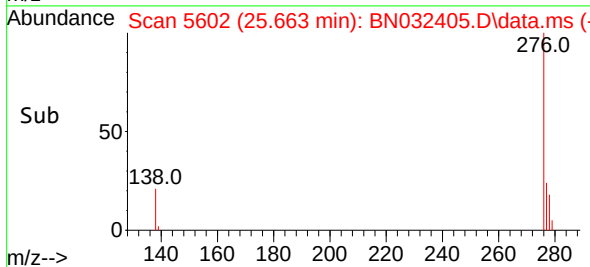
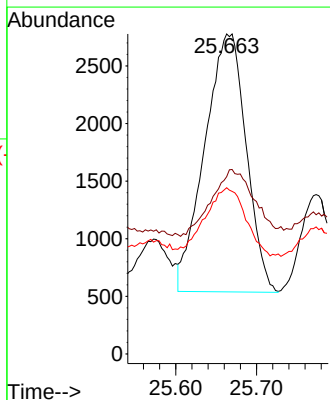
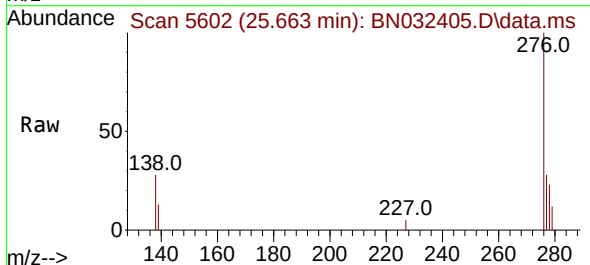
Manual Integrations
 APPROVED

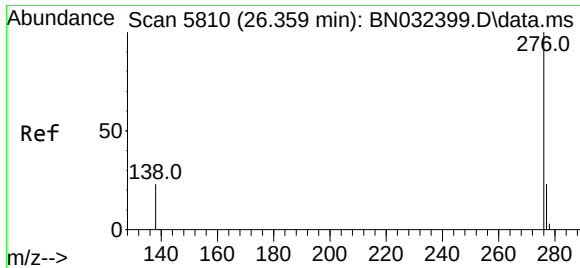
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 0.109 ng/ul
 RT: 25.663 min Scan# 5602
 Delta R.T. -0.047 min
 Lab File: BN032405.D
 Acq: 02 Jul 2024 17:48

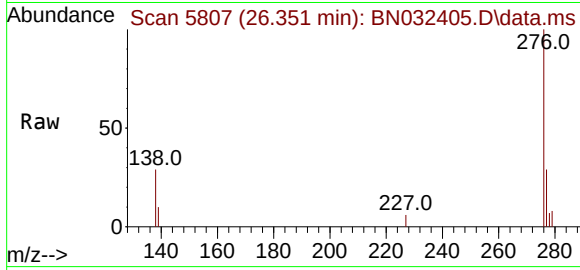
Tgt Ion:278 Resp: 8002
 Ion Ratio Lower Upper
 278 100
 139 55.4 15.9 23.9#
 279 52.0 21.1 31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 26.351 min Scan# 5810
Delta R.T. -0.030 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

Instrument :
BNA_N
ClientSampleId :
A4C60



Tgt Ion: 276 Resp: 32892
Ion Ratio Lower Upper
276 100
138 29.2 19.8 29.6
277 28.8 19.8 29.6

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 07/03/2024
Supervised By : mohammad ahmed 07/04/2024

