

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026608.D
 Acq On : 21 Jul 2023 01:41
 Operator : MA/JU
 Sample : 03501-10DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46X5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 03:40:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 22:32:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	2198	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.636	136	7664	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.472	164	4897	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	13145	0.400	ng/ul	0.00
17) Chrysene-d12	21.408	240	11037	0.400	ng/ul	0.00
23) Perylene-d12	23.772	264	10875	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	1074	0.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	569	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	1983	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.691	128	485	0.023	ng/ul#	55
10) Acenaphthylene	14.194	152	788	0.033	ng/ul#	70
11) Acenaphthene	14.536	153	797	0.044	ng/ul	97
12) Fluorene	15.522	166	1143	0.060	ng/ul#	96
15) Phenanthrene	17.261	178	19566	0.467	ng/ul	98
16) Anthracene	17.350	178	3055	0.084	ng/ul#	90
19) Fluoranthene	19.278	202	35123	0.679	ng/ul	99
20) Pyrene	19.641	202	14347	0.255	ng/ul#	93
21) Benzo(a)anthracene	21.393	228	16594	0.409	ng/ul	97
22) Chrysene	21.443	228	14387	0.312	ng/ul	93
24) Benzo(b)fluoranthene	23.056	252	16636m	0.393	ng/ul	
25) Benzo(k)fluoranthene	23.097	252	7107m	0.160	ng/ul	
26) Benzo(a)pyrene	23.673	252	1946	0.052	ng/ul#	22
27) Indeno(1,2,3-cd)pyrene	26.234	276	2434	0.049	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.237	278	1787	0.047	ng/ul#	24

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

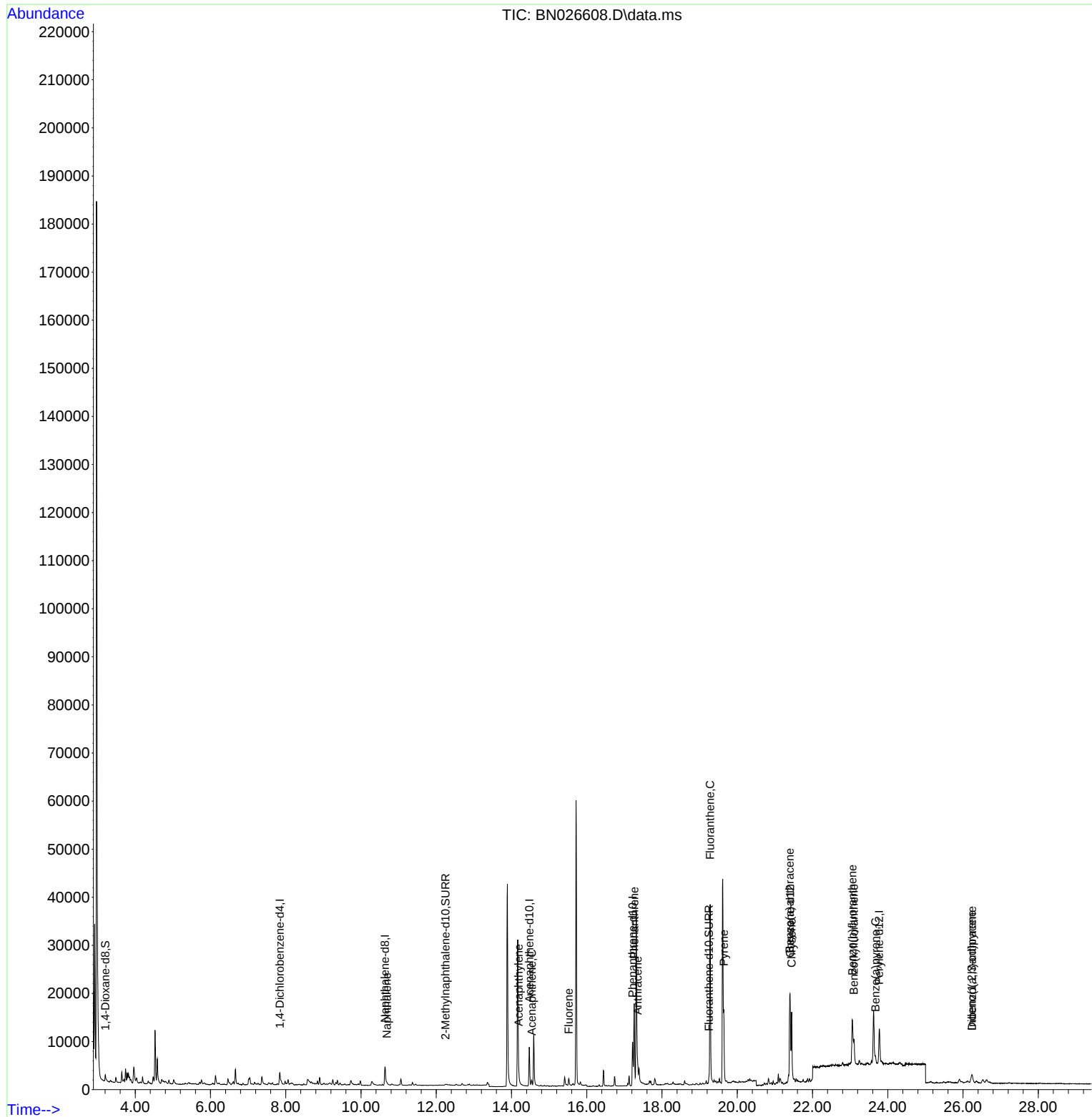
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026608.D
Acq On : 21 Jul 2023 01:41
Operator : MA/JU
Sample : 03501-10DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

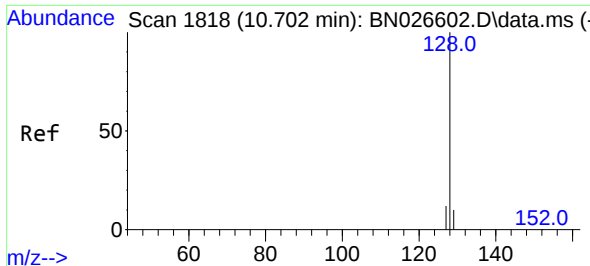
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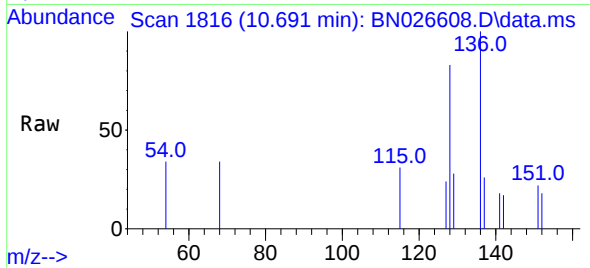
Quant Time: Jul 21 03:40:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.691 min Scan# 1816
Delta R.T. -0.011 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41

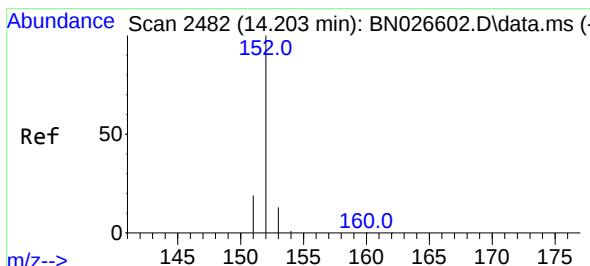
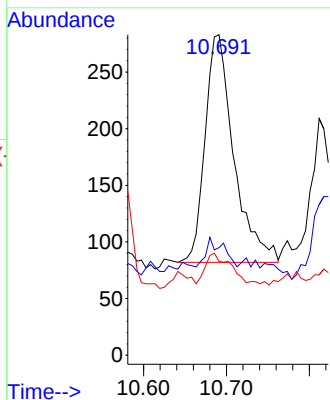
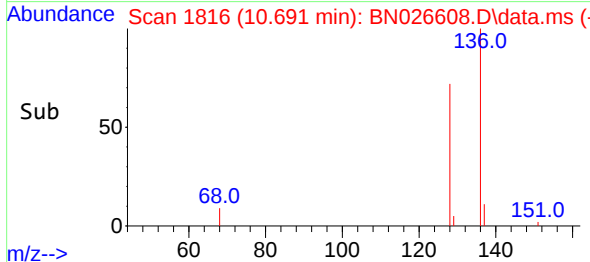
Instrument :
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ClientSampleId :
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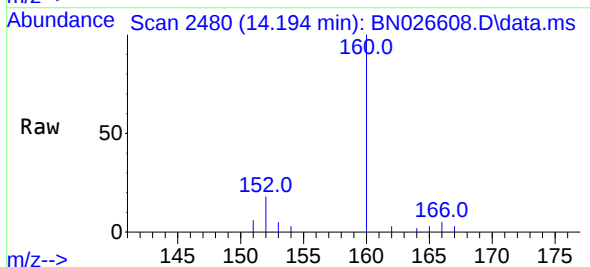
Tgt Ion:128 Resp: 489
Ion Ratio Lower Upper
128 100
129 33.6 10.2 15.2#
127 29.3 11.4 17.0#

Manual Integrations
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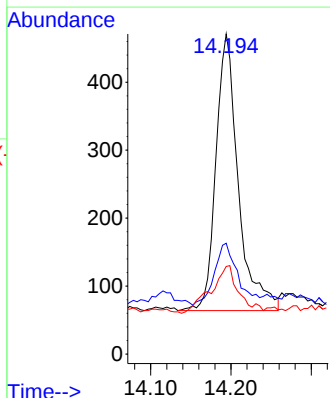
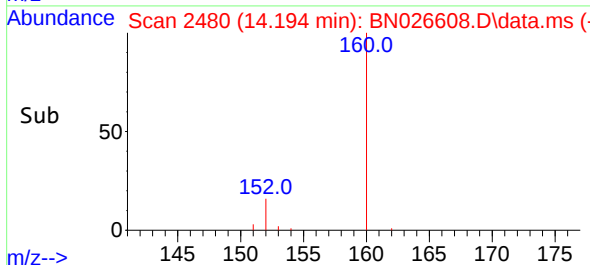
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

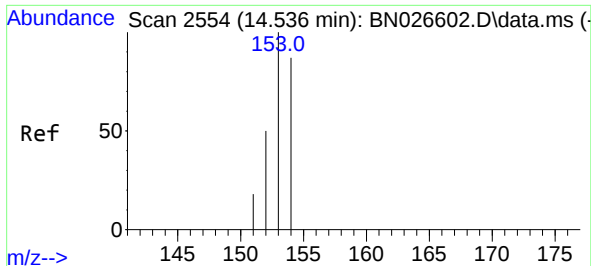


#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.194 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41



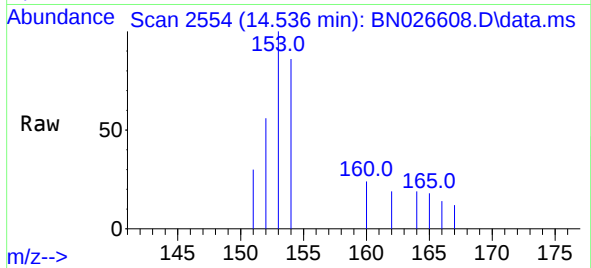
Tgt Ion:152 Resp: 788
Ion Ratio Lower Upper
152 100
151 34.6 17.0 25.6#
153 27.4 11.4 17.2#





#11
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.536 min Scan# 2554
Delta R.T. -0.000 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41

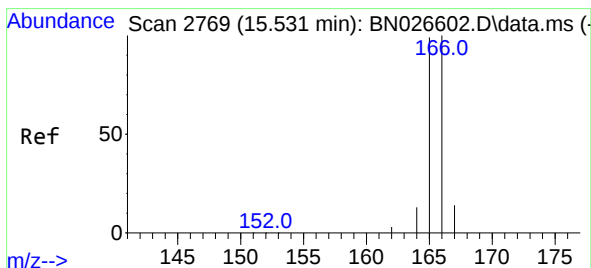
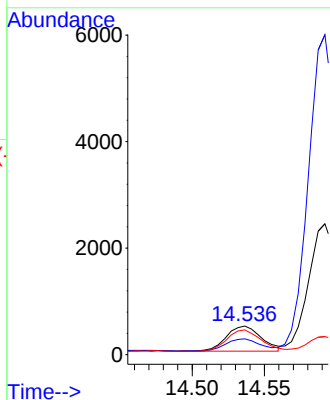
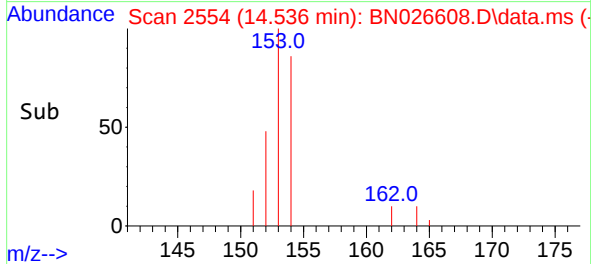
Instrument :
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ClientSampleId :
A46X5DL



Tgt Ion:153 Resp: 791
Ion Ratio Lower Upper
153 100
152 55.6 40.2 60.4
154 86.4 69.3 103.9

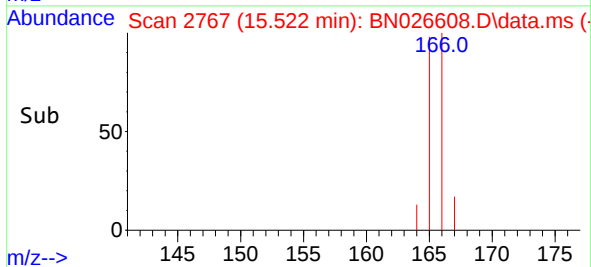
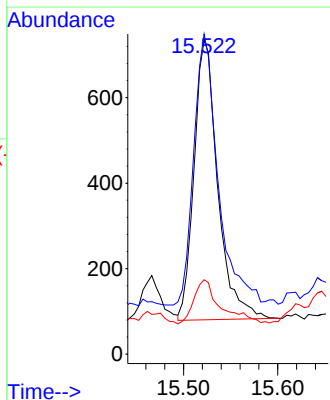
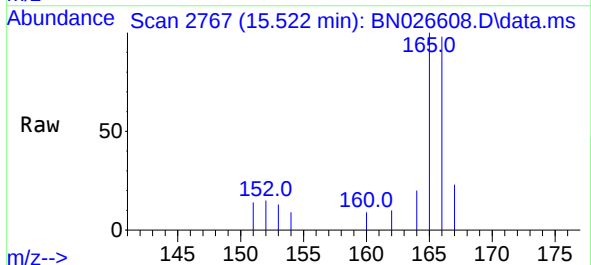
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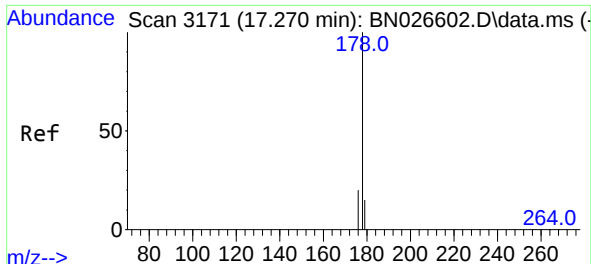
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#12
Fluorene
Concen: 0.060 ng/ul
RT: 15.522 min Scan# 2767
Delta R.T. -0.009 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41

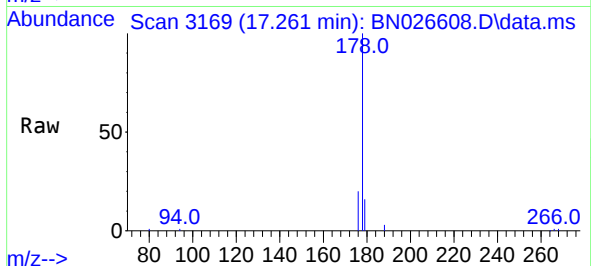
Tgt Ion:166 Resp: 1143
Ion Ratio Lower Upper
166 100
165 102.0 80.6 120.8
167 23.7 12.0 18.0#





#15
Phenanthrene
Concen: 0.467 ng/u1
RT: 17.261 min Scan# 3171
Delta R.T. -0.008 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41

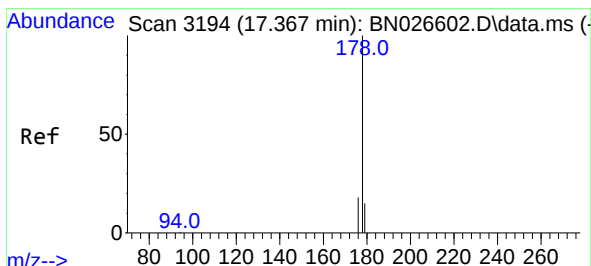
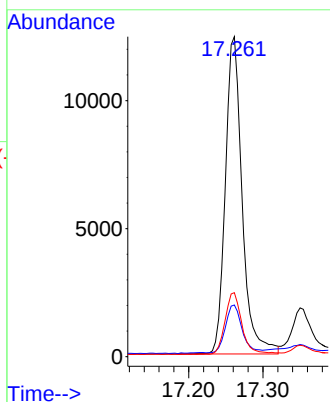
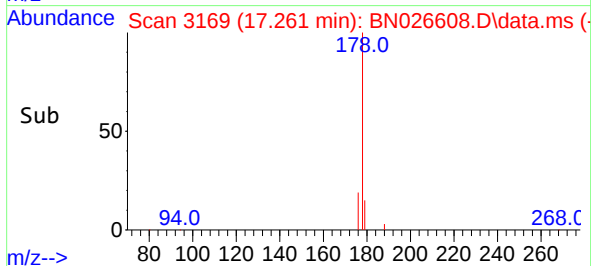
Instrument :
BNA_N
ClientSampleId :
A46X5DL



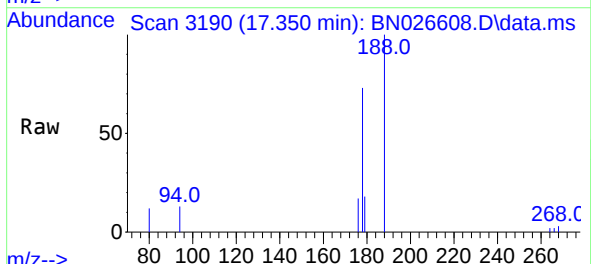
Tgt Ion:178 Resp: 19560
Ion Ratio Lower Upper
178 100
179 16.2 13.7 20.5
176 20.0 16.5 24.7

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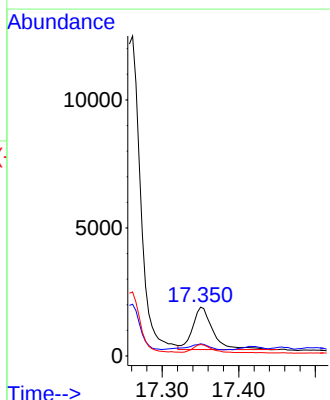
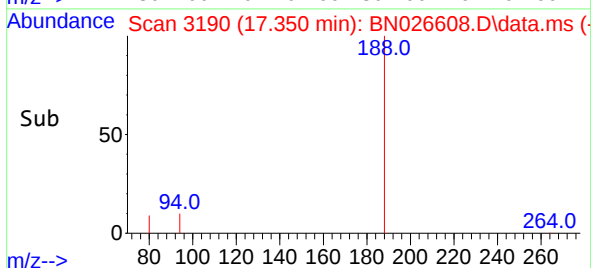
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

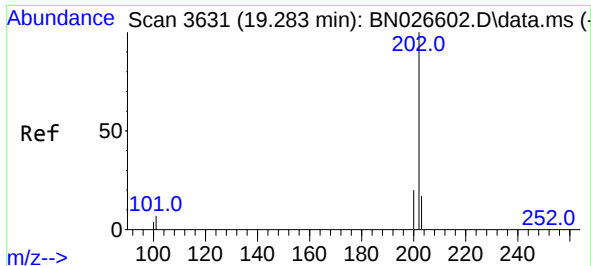


#16
Anthracene
Concen: 0.084 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.017 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41



Tgt Ion:178 Resp: 3055
Ion Ratio Lower Upper
178 100
179 25.1 14.8 22.2#
176 23.1 16.6 25.0





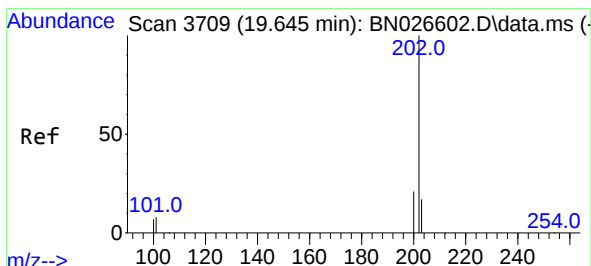
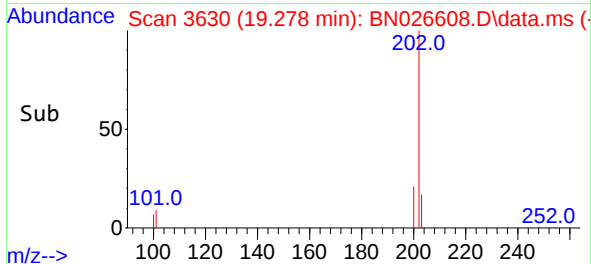
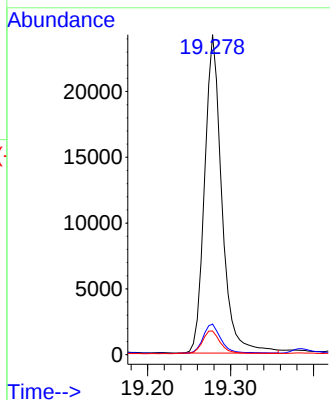
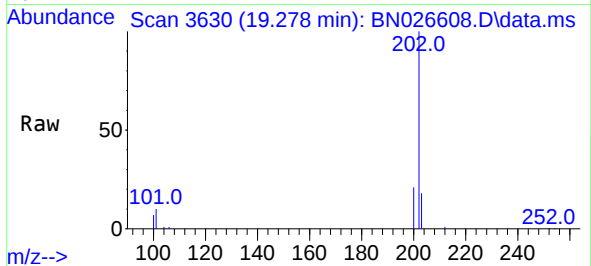
#19
Fluoranthene
Concen: 0.679 ng/u1
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41

Instrument :
BNA_N
ClientSampleId :
A46X5DL

Tgt Ion:202 Resp: 3512
Ion Ratio Lower Upper
202 100
101 9.6 7.0 10.4
100 7.4 6.0 9.0

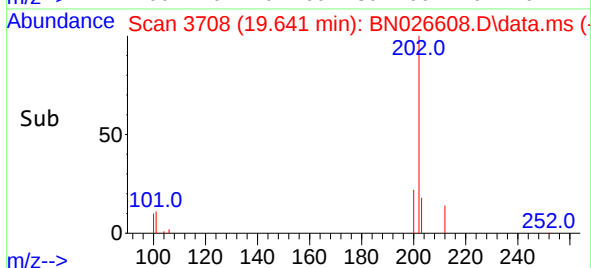
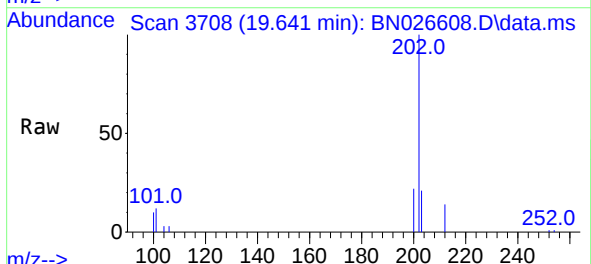
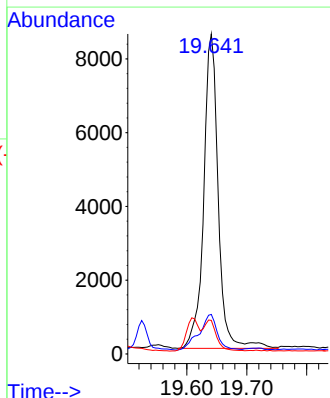
Manual Integrations
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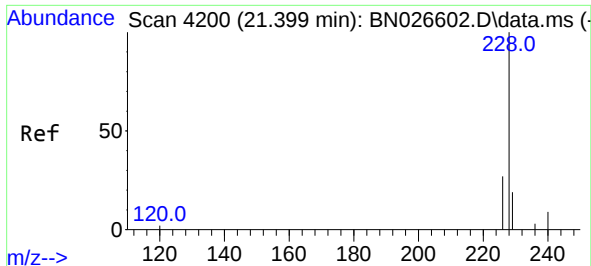
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#20
Pyrene
Concen: 0.255 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41

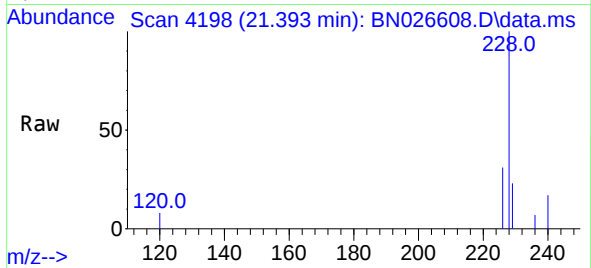
Tgt Ion:202 Resp: 14347
Ion Ratio Lower Upper
202 100
101 12.4 8.0 12.0#
100 10.5 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.409 ng/u1
RT: 21.393 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41

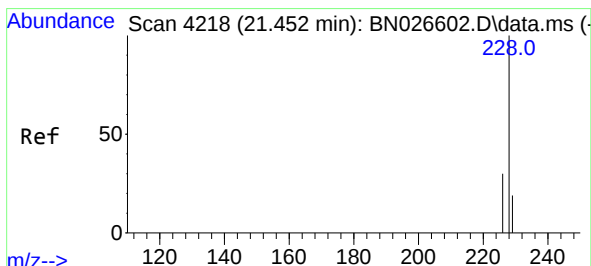
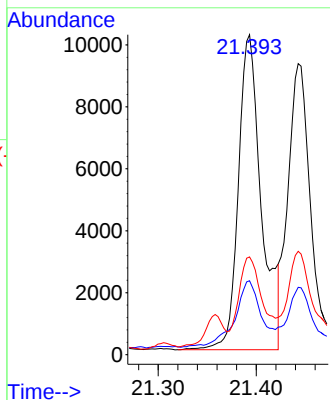
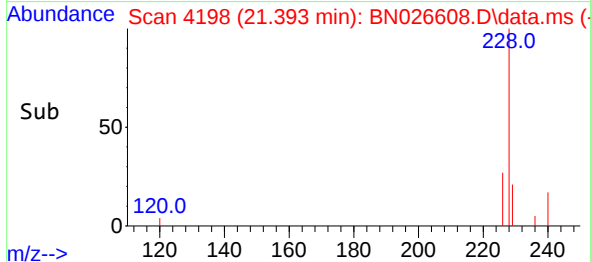
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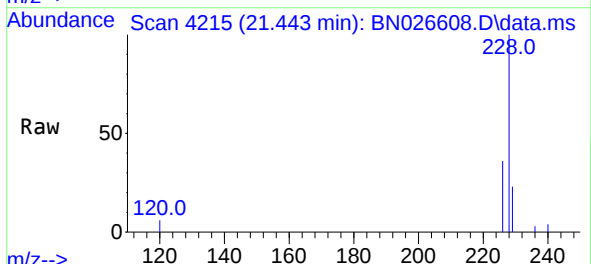
Tgt Ion:228 Resp: 16594
Ion Ratio Lower Upper
228 100
229 23.1 16.7 25.1
226 30.5 23.5 35.3

Manual Integrations
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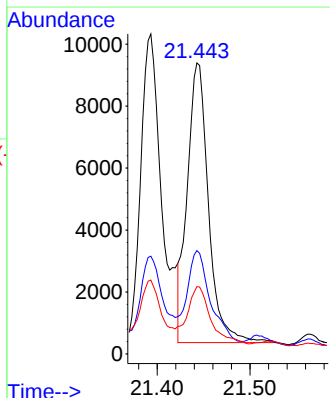
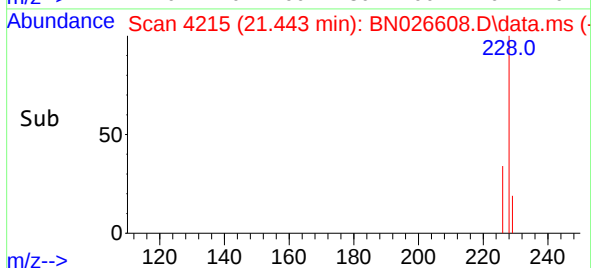
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

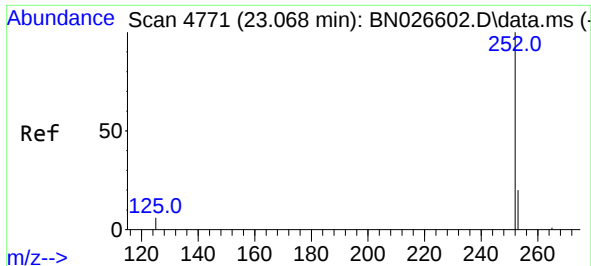


#22
Chrysene
Concen: 0.312 ng/u1
RT: 21.443 min Scan# 4215
Delta R.T. -0.009 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41



Tgt Ion:228 Resp: 14387
Ion Ratio Lower Upper
228 100
226 35.5 25.2 37.8
229 23.1 16.4 24.6





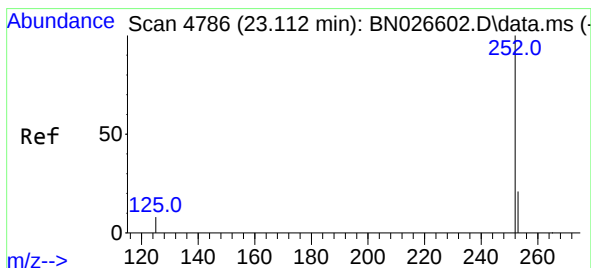
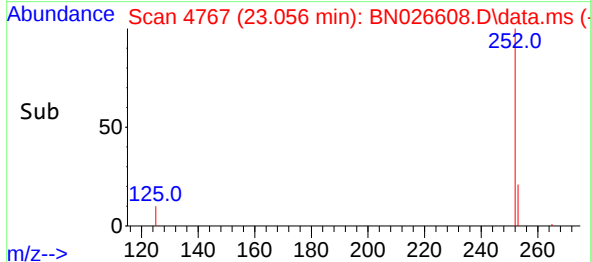
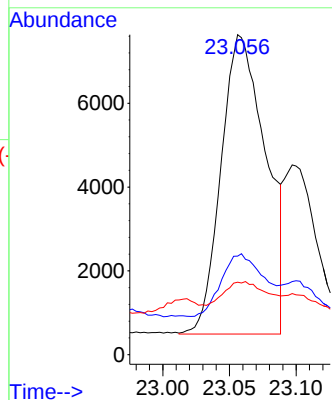
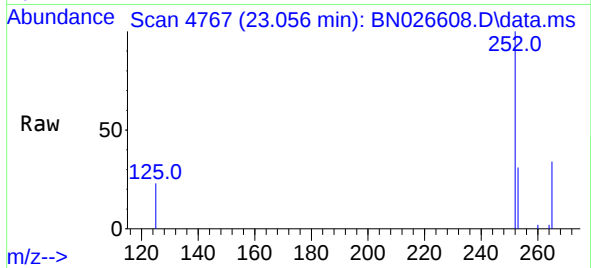
#24
Benzo(b)fluoranthene
Concen: 0.393 ng/ul m
RT: 23.056 min Scan# 4767
Delta R.T. -0.012 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41

Instrument :
BNA_N
ClientSampleId :
A46X5DL

Tgt Ion:252 Resp: 16630
Ion Ratio Lower Upper
252 100
253 30.8 0.0 68.6
125 22.6 0.0 34.0

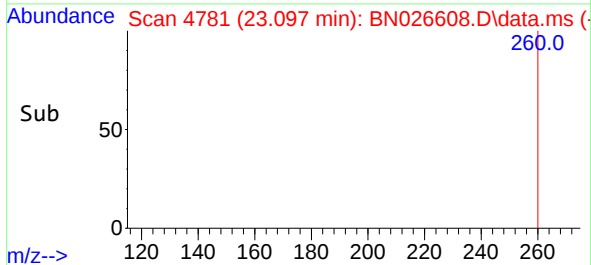
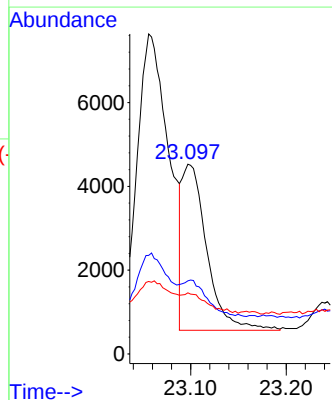
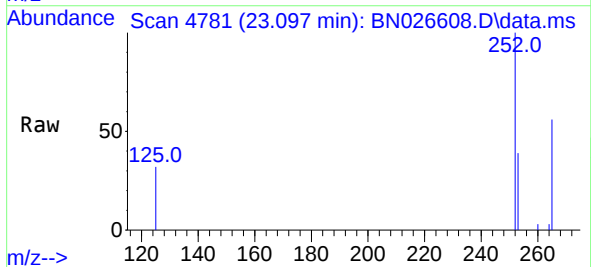
Manual Integrations
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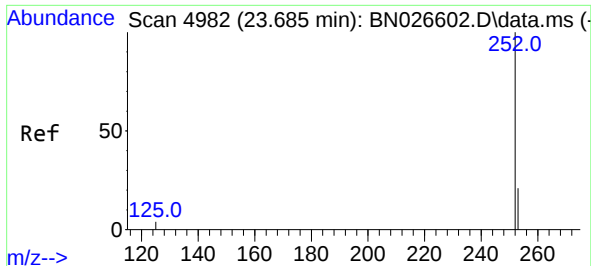
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#25
Benzo(k)fluoranthene
Concen: 0.160 ng/ul m
RT: 23.097 min Scan# 4781
Delta R.T. -0.015 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41

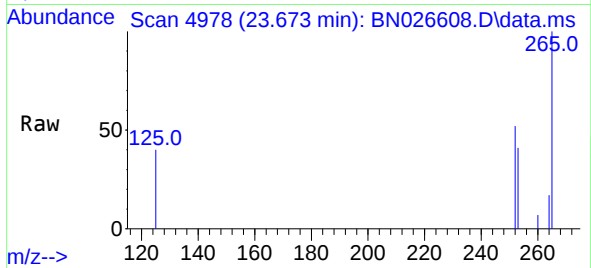
Tgt Ion:252 Resp: 7107
Ion Ratio Lower Upper
252 100
253 38.6 27.2 40.8
125 32.2 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.052 ng/ul
RT: 23.673 min Scan# 4982
Delta R.T. -0.012 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41

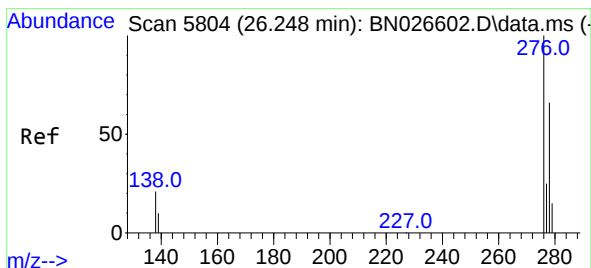
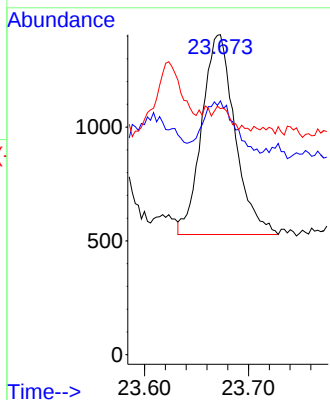
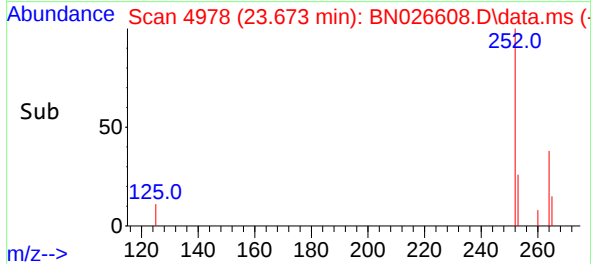
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 1940
Ion Ratio Lower Upper
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253 79.3 32.6 49.0
125 76.9 19.3 28.9

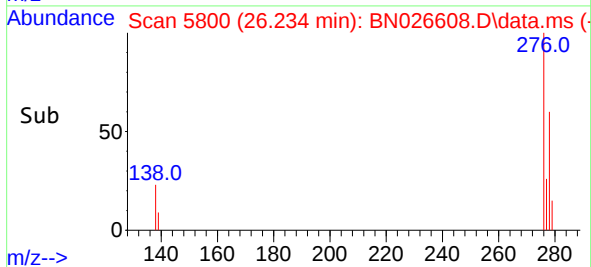
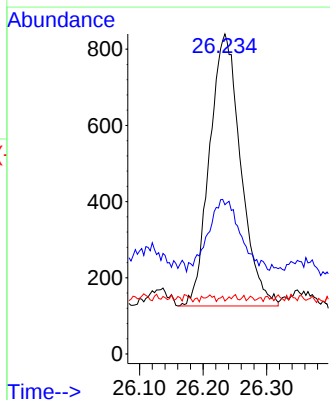
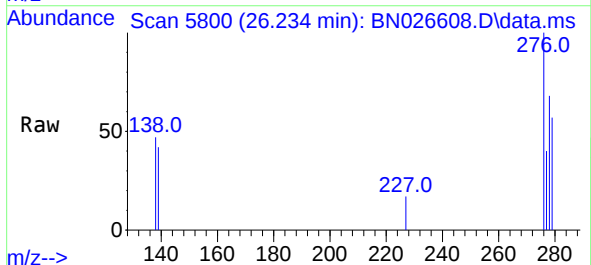
Manual Integrations
APPROVED

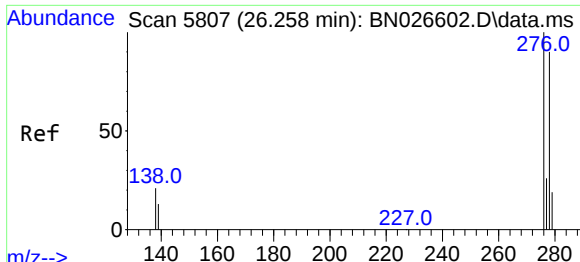
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng/ul
RT: 26.234 min Scan# 5800
Delta R.T. -0.013 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41

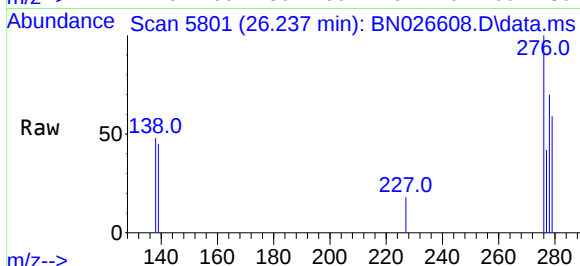
Tgt Ion:276 Resp: 2434
Ion Ratio Lower Upper
276 100
138 28.2 22.2 33.4
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 26.237 min Scan# 5801
Delta R.T. -0.020 min
Lab File: BN026608.D
Acq: 21 Jul 2023 01:41

Instrument :
BNA_N
ClientSampleId :
A46X5DL



Tgt Ion:278 Resp: 178
Ion Ratio Lower Upper
278 100
139 63.4 18.9 28.3
279 83.7 31.3 46.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

