

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026549.D
 Acq On : 17 Jul 2023 22:44
 Operator : MA/JU
 Sample : 03458-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 04:23:01 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 : Mon Jul 17 17:14:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	3422	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.748	136	9784	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	6476	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	15362	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	11879	0.400	ng/ul	#-0.01
23) Perylene-d12	23.920	264	9968	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	8850	1.964	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	1938	0.146	ng/ul	-0.01
18) Fluoranthene-d10	19.349	212	6202	0.151	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	10374	0.386	ng/ul	100
7) 2-Methylnaphthalene	12.414	142	3728	0.245	ng/ul	99
8) 1-Methylnaphthalene	12.629	142	3202	0.196	ng/ul	98
10) Acenaphthylene	14.297	152	1946	0.061	ng/ul#	67
11) Acenaphthene	14.640	153	26399	1.093	ng/ul	99
12) Fluorene	15.625	166	27702	1.093	ng/ul	99
15) Phenanthrene	17.364	178	466409	9.533	ng/ul	97
16) Anthracene	17.457	178	45866	1.080	ng/ul	96
19) Fluoranthene	19.377	202	449823	8.079	ng/ul#	96
20) Pyrene	19.740	202	381355	6.306	ng/ul	97
21) Benzo(a)anthracene	21.488	228	157127	3.599	ng/ul	99
22) Chrysene	21.543	228	188755	3.799	ng/ul	98
24) Benzo(b)fluoranthene	23.183	252	131456m	3.385	ng/ul	
25) Benzo(k)fluoranthene	23.224	252	43418m	1.067	ng/ul	
26) Benzo(a)pyrene	23.809	252	32154	0.930	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.430	276	30393	0.671	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.437	278	12859	0.370	ng/ul#	94
29) Benzo(g,h,i)perylene	27.205	276	1810	0.045	ng/ul#	67

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

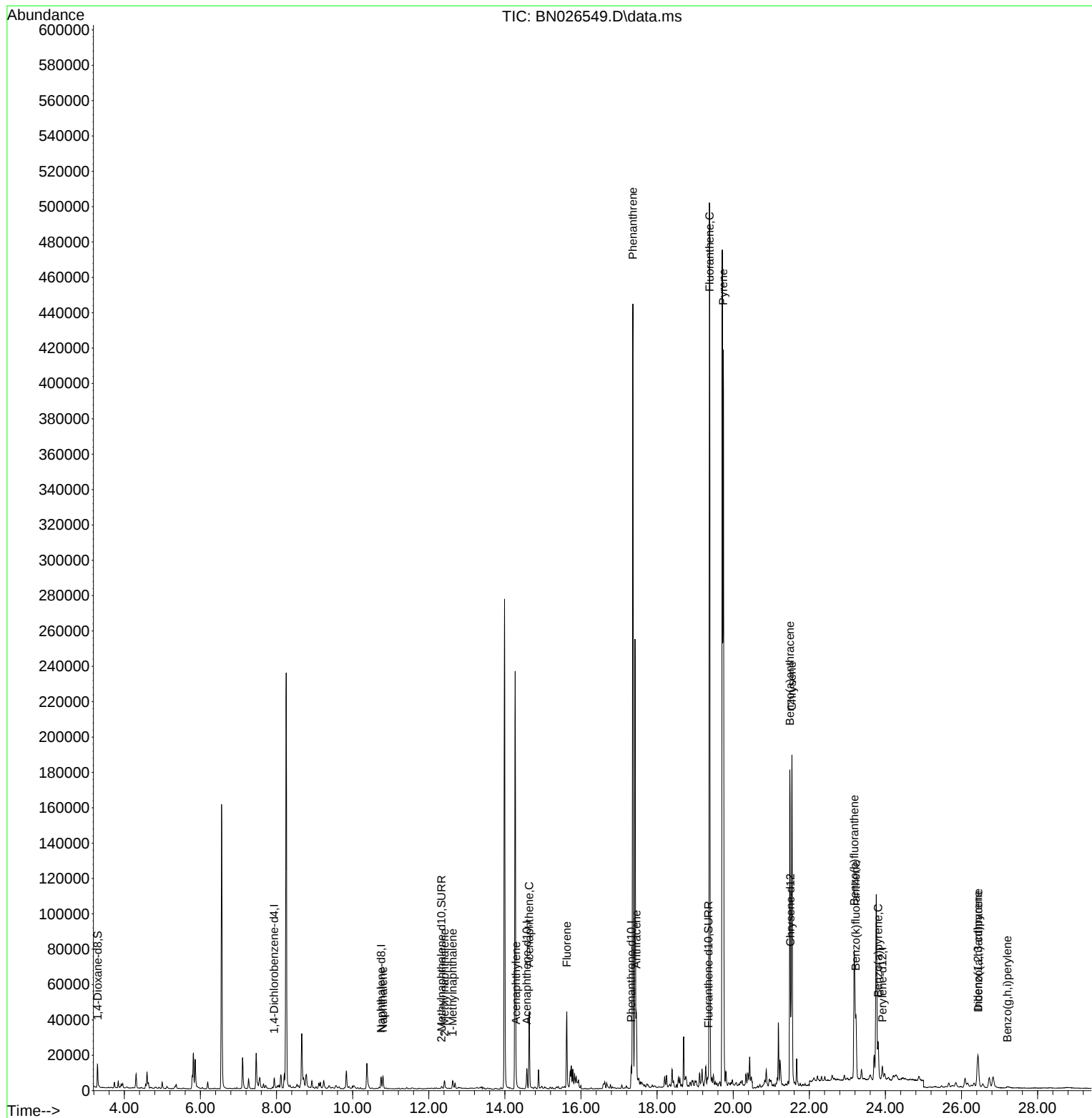
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
Data File : BN026549.D
Acq On : 17 Jul 2023 22:44
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ALS Vial : 24 Sample Multiplier: 1

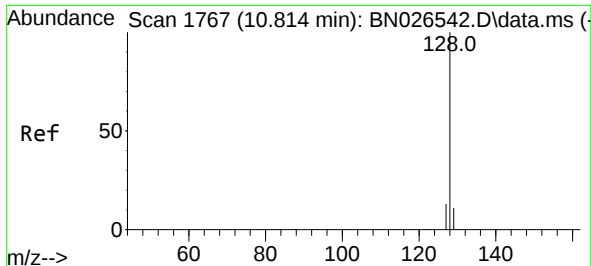
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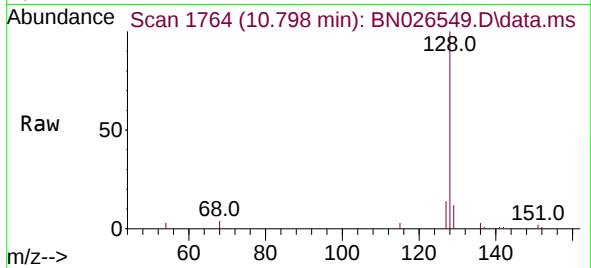
Quant Time: Jul 18 04:23:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

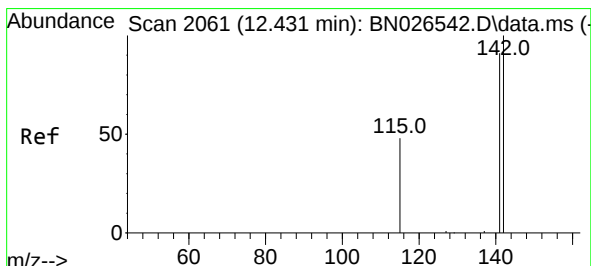
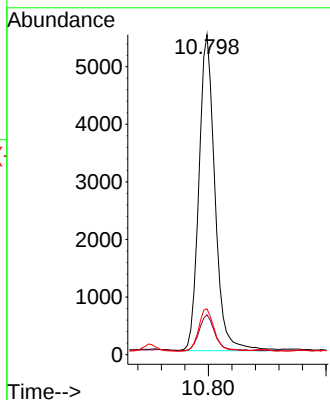
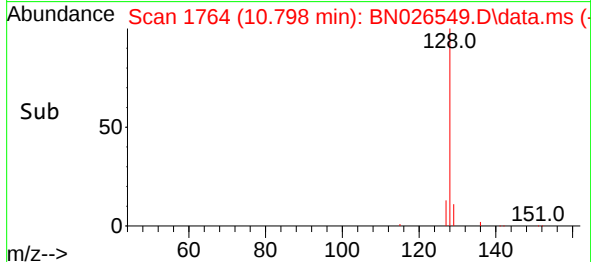
Instrument :
BNA_N
ClientSampleId :
A46M1



Tgt Ion:128 Resp: 10374
Ion Ratio Lower Upper
128 100
129 12.4 10.2 15.2
127 14.3 11.4 17.0

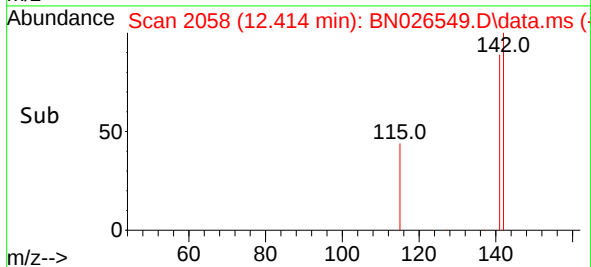
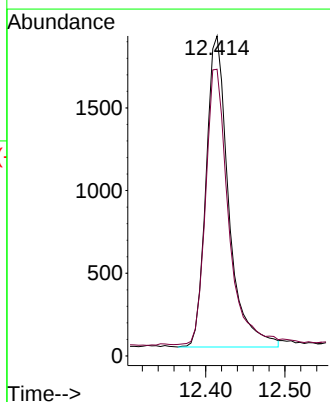
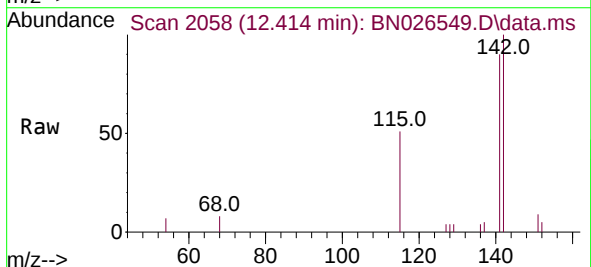
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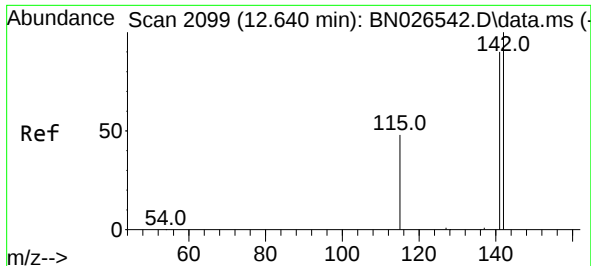
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#7
2-Methylnaphthalene
Concen: 0.245 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

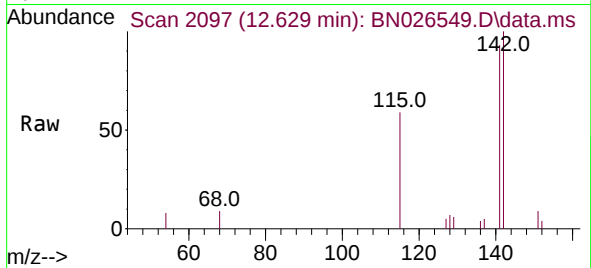
Tgt Ion:142 Resp: 3728
Ion Ratio Lower Upper
142 100
141 89.1 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.196 ng/ul
RT: 12.629 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

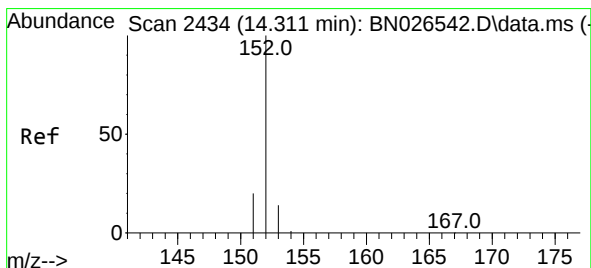
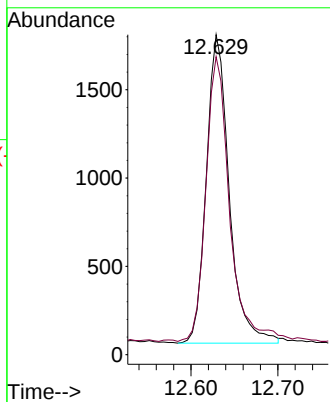
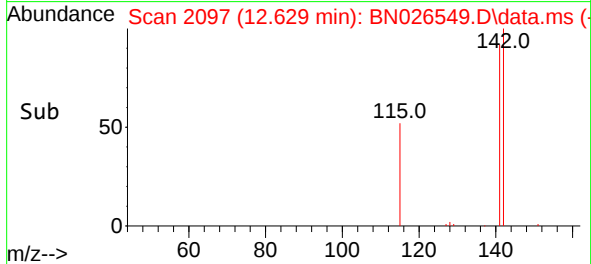
Instrument :
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Tgt Ion:142 Resp: 320
Ion Ratio Lower Upper
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141 94.6 74.5 111.7

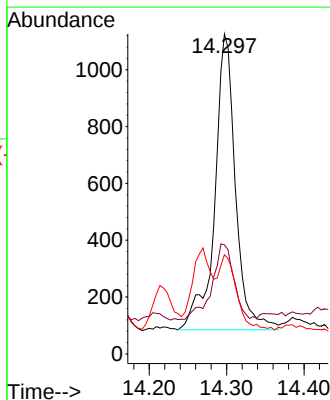
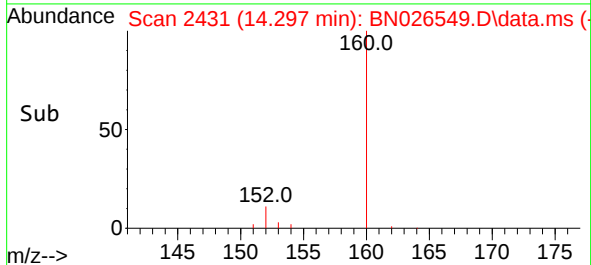
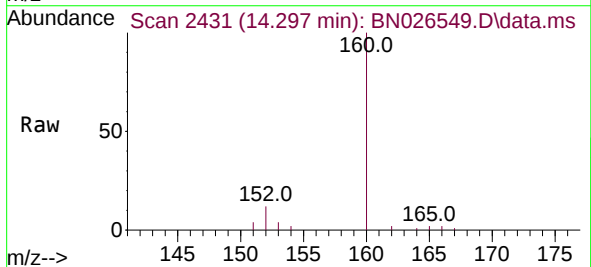
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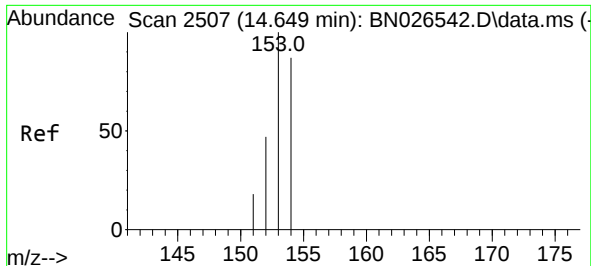
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.297 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

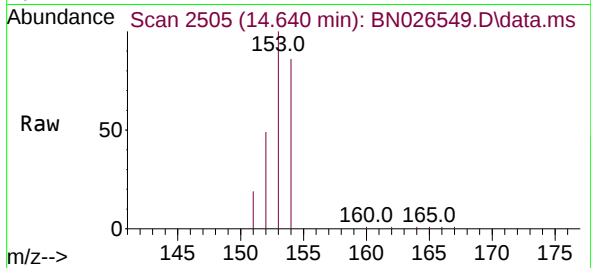
Tgt Ion:152 Resp: 1946
Ion Ratio Lower Upper
152 100
151 34.1 17.0 25.6#
153 31.0 11.4 17.2#





#11
Acenaphthene
Concen: 1.093 ng/ul
RT: 14.640 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

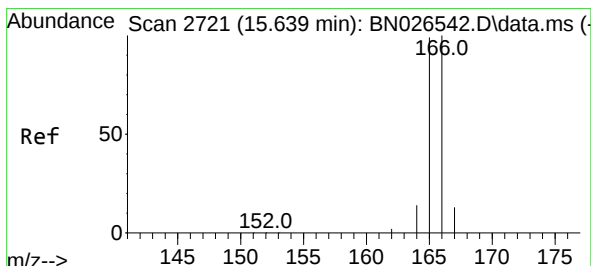
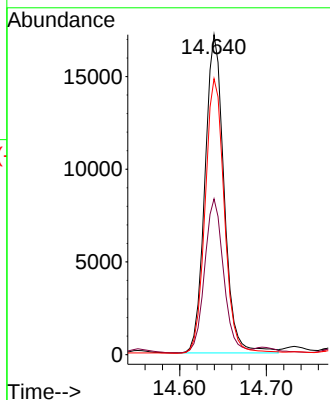
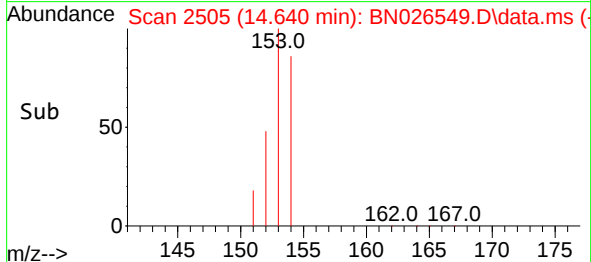
Instrument :
BNA_N
ClientSampleId :
A46M1



Tgt Ion:153 Resp: 26399
Ion Ratio Lower Upper
153 100
152 48.7 40.2 60.4
154 86.2 69.3 103.9

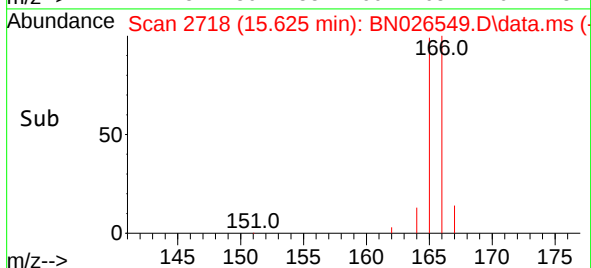
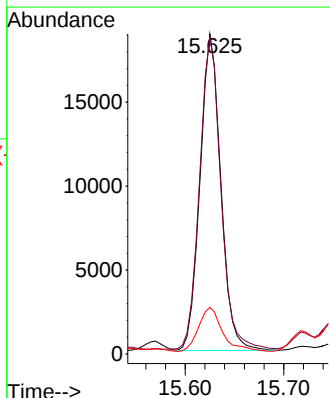
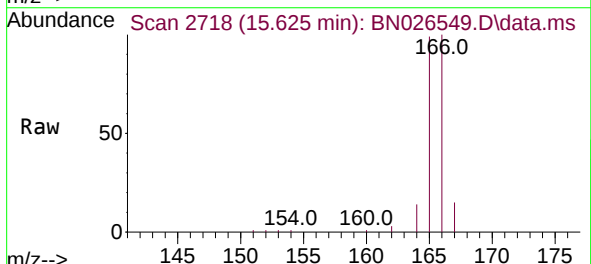
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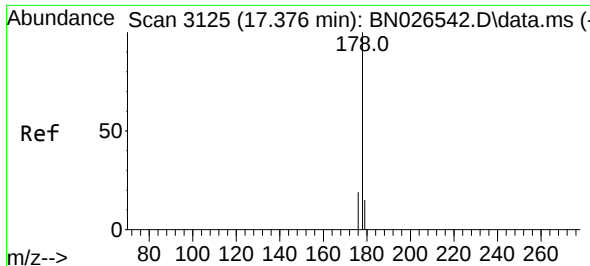
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#12
Fluorene
Concen: 1.093 ng/ul
RT: 15.625 min Scan# 2718
Delta R.T. -0.005 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

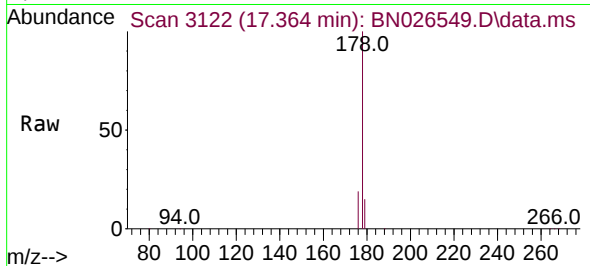
Tgt Ion:166 Resp: 27702
Ion Ratio Lower Upper
166 100
165 99.2 80.6 120.8
167 14.5 12.0 18.0





#15
Phenanthrene
Concen: 9.533 ng/u1
RT: 17.364 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

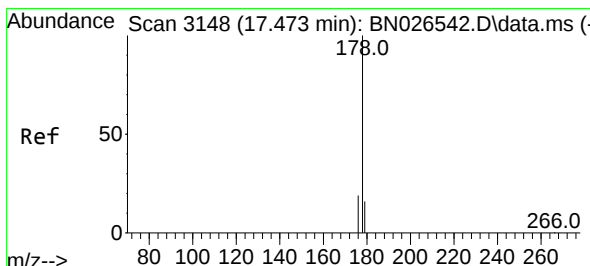
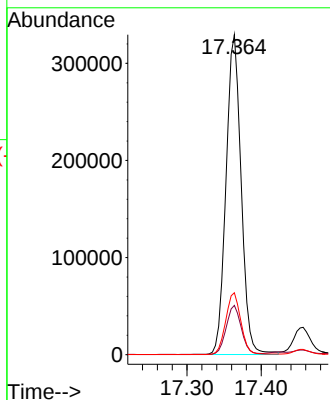
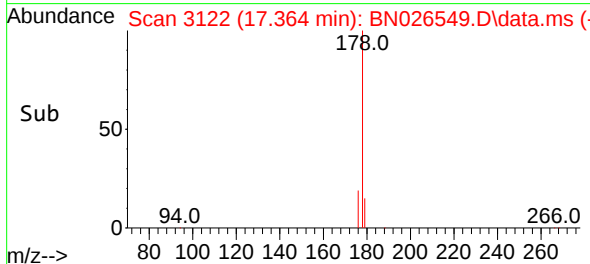
Instrument :
BNA_N
ClientSampleId :
A46M1



Tgt Ion:178 Resp: 466409
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.3 16.5 24.7

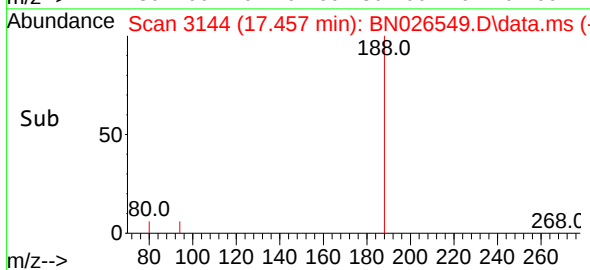
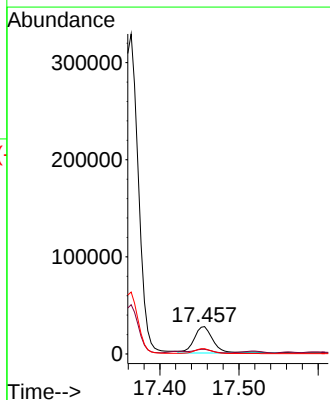
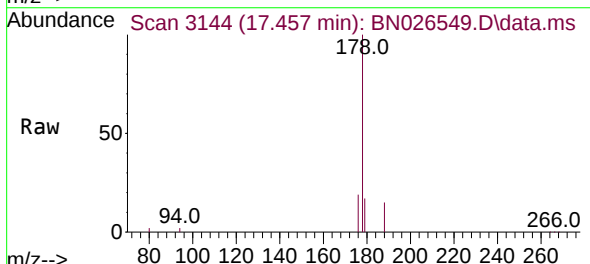
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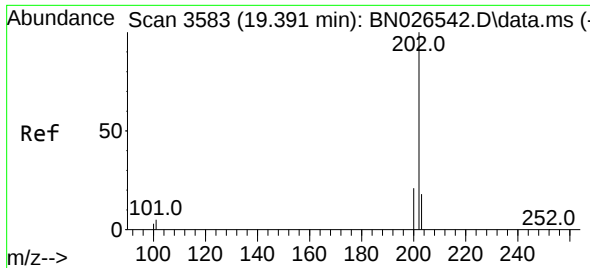
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#16
Anthracene
Concen: 1.080 ng/u1
RT: 17.457 min Scan# 3144
Delta R.T. -0.008 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

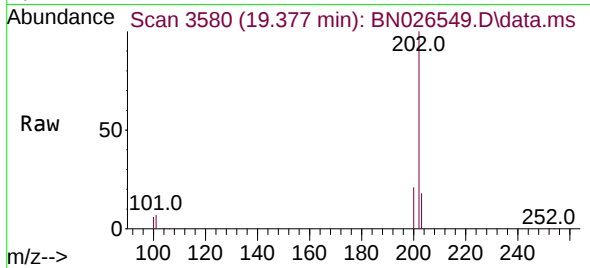
Tgt Ion:178 Resp: 45866
Ion Ratio Lower Upper
178 100
179 16.8 14.8 22.2
176 19.2 16.6 25.0





#19
Fluoranthene
Concen: 8.079 ng/ul
RT: 19.377 min Scan# 3580
Delta R.T. -0.009 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

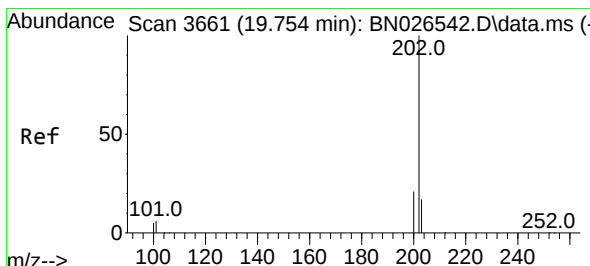
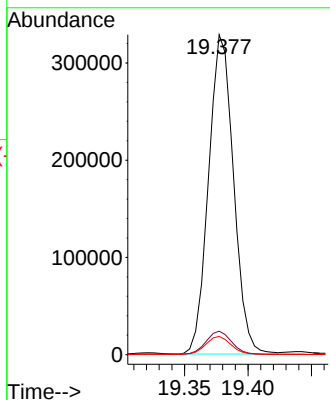
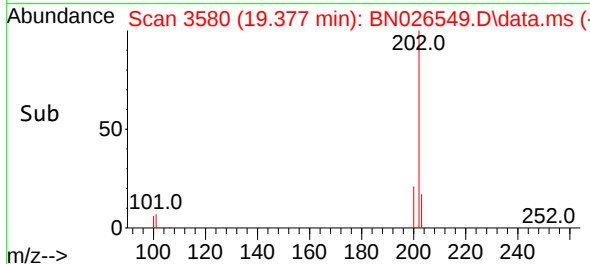
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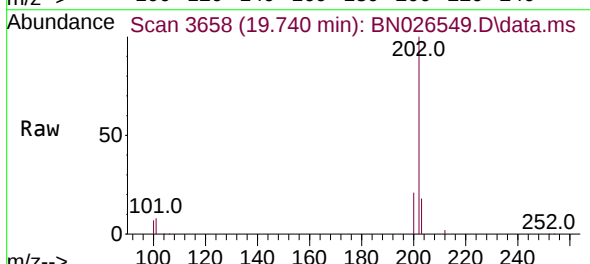
Tgt Ion:202 Resp: 449823
Ion Ratio Lower Upper
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101 7.4 7.0 10.4
100 5.7 6.0 9.0

Manual Integrations
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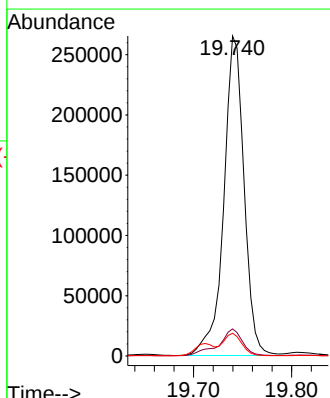
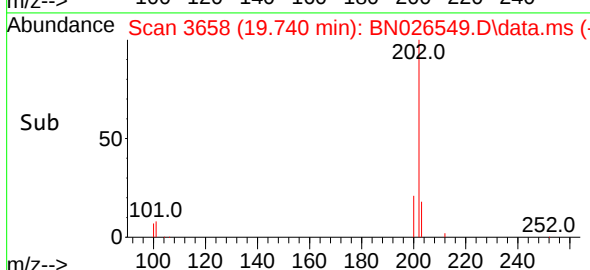
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

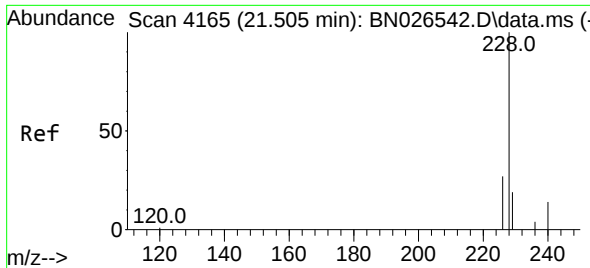


#20
Pyrene
Concen: 6.306 ng/ul
RT: 19.740 min Scan# 3658
Delta R.T. -0.009 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44



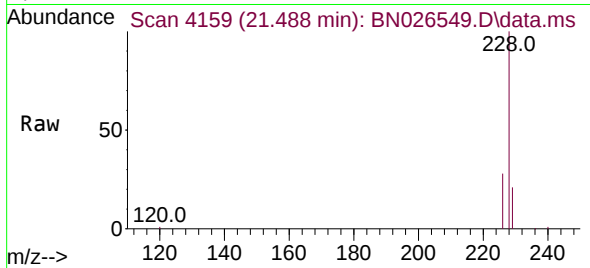
Tgt Ion:202 Resp: 381355
Ion Ratio Lower Upper
202 100
101 8.5 8.0 12.0
100 7.1 6.2 9.2





#21
Benzo(a)anthracene
Concen: 3.599 ng/ul
RT: 21.488 min Scan# 4165
Delta R.T. -0.015 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

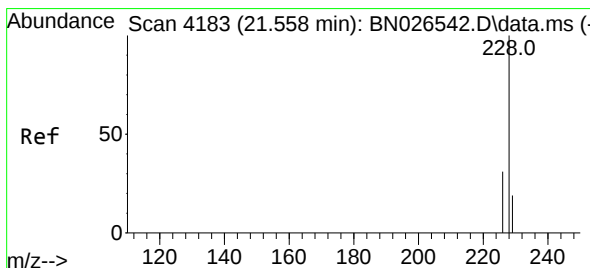
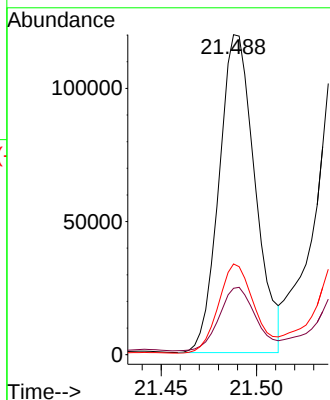
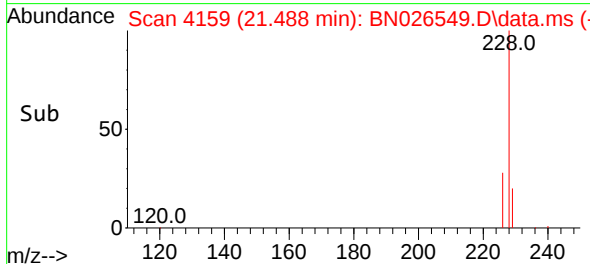
Instrument :
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Tgt Ion:228 Resp: 157127
Ion Ratio Lower Upper
228 100
229 20.8 16.7 25.1
226 28.3 23.5 35.3

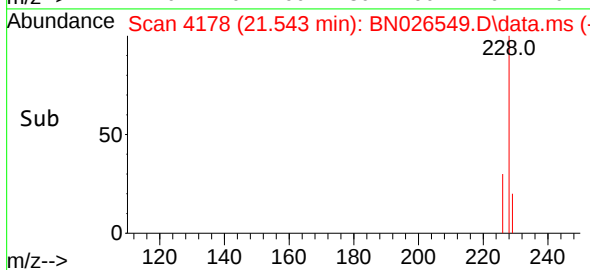
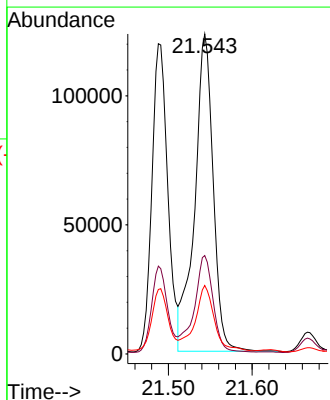
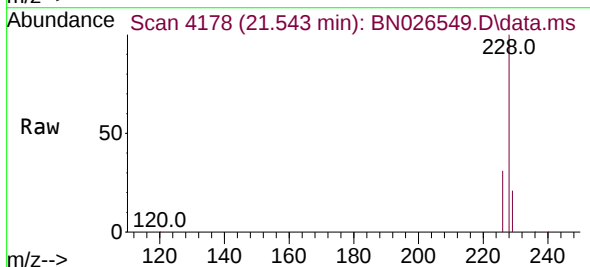
Manual Integrations
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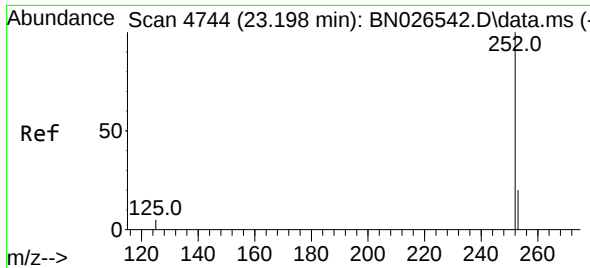
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Chrysene
Concen: 3.799 ng/ul
RT: 21.543 min Scan# 4178
Delta R.T. -0.015 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

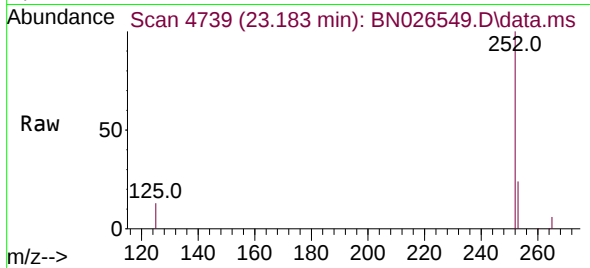
Tgt Ion:228 Resp: 188755
Ion Ratio Lower Upper
228 100
226 30.8 25.2 37.8
229 21.4 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 3.385 ng/ul m
RT: 23.183 min Scan# 4739
Delta R.T. -0.012 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

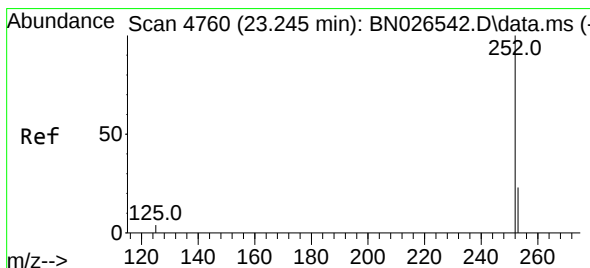
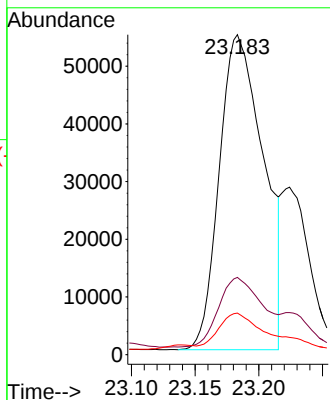
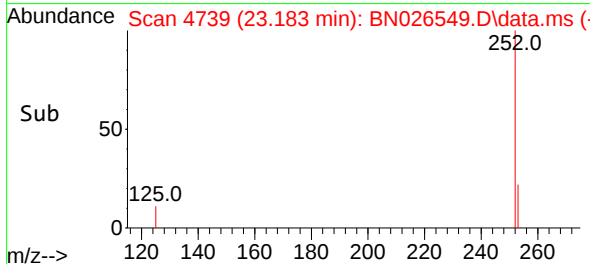
Instrument :
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Tgt Ion:252 Resp: 131456
Ion Ratio Lower Upper
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253 24.1 0.0 68.6
125 13.0 0.0 34.0

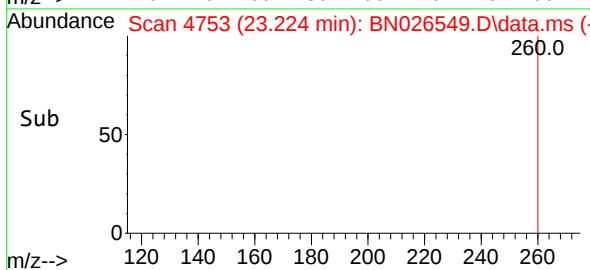
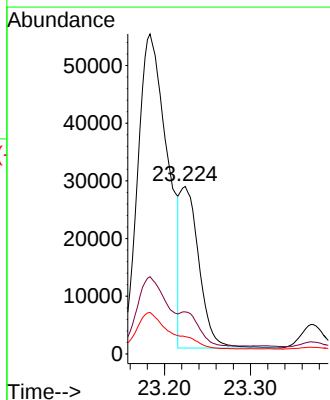
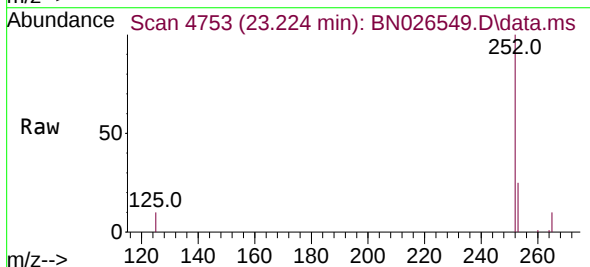
Manual Integrations
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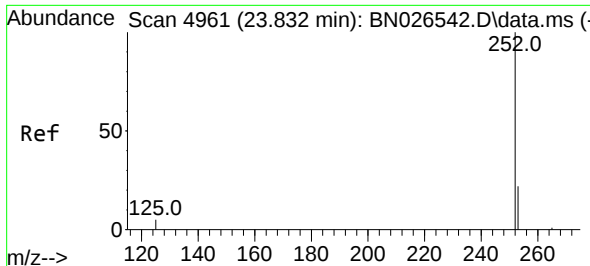
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#25
Benzo(k)fluoranthene
Concen: 1.067 ng/ul m
RT: 23.224 min Scan# 4753
Delta R.T. -0.021 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

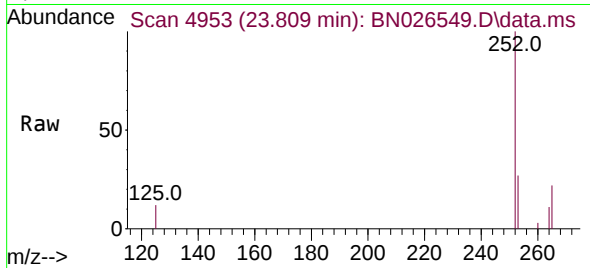
Tgt Ion:252 Resp: 43418
Ion Ratio Lower Upper
252 100
253 25.1 27.2 40.8#
125 10.3 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.930 ng/ul
RT: 23.809 min Scan# 4961
Delta R.T. -0.018 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

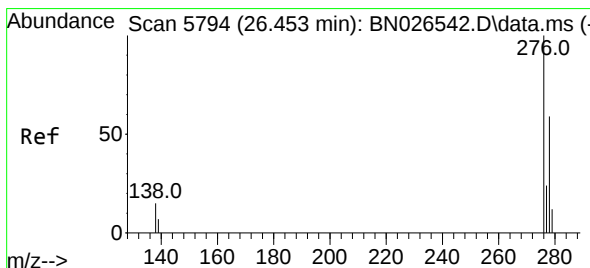
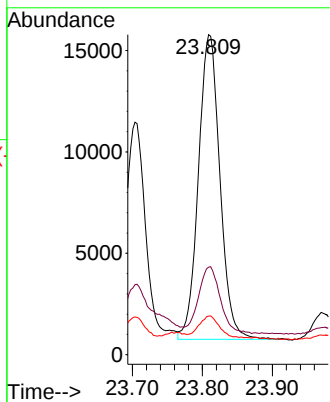
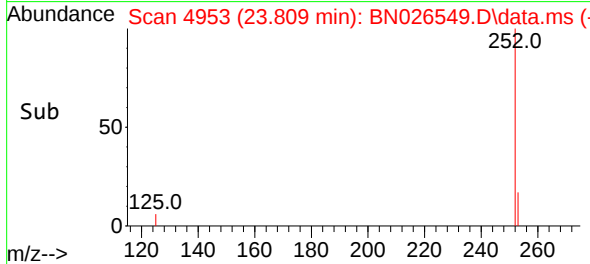
Instrument :
BNA_N
ClientSampleId :
A46M1



Tgt Ion:252 Resp: 32154
Ion Ratio Lower Upper
252 100
253 27.3 32.6 49.0#
125 12.1 19.3 28.9#

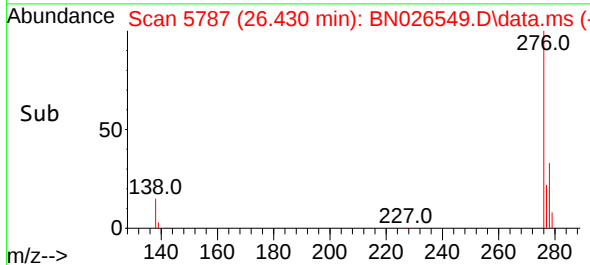
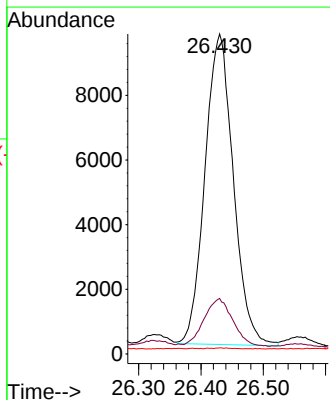
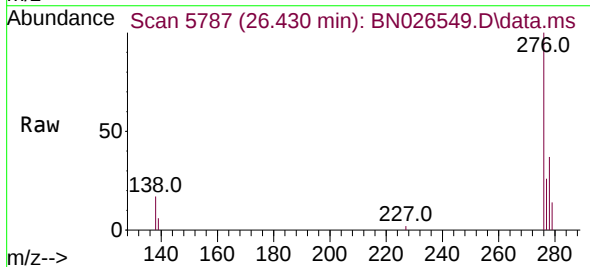
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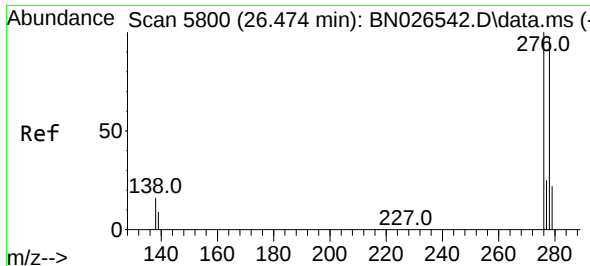
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.671 ng/ul
RT: 26.430 min Scan# 5787
Delta R.T. -0.023 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

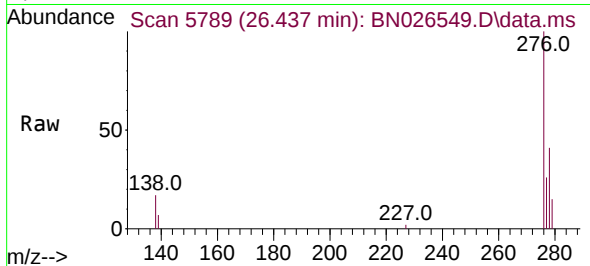
Tgt Ion:276 Resp: 30393
Ion Ratio Lower Upper
276 100
138 15.7 22.2 33.4#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 26.437 min Scan# 51
Delta R.T. -0.030 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

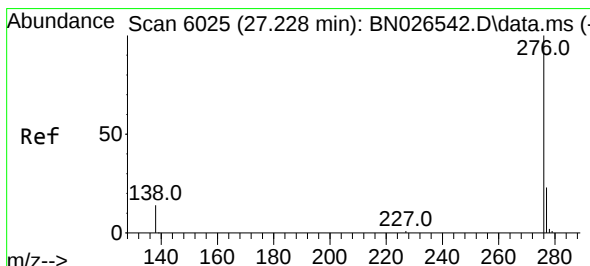
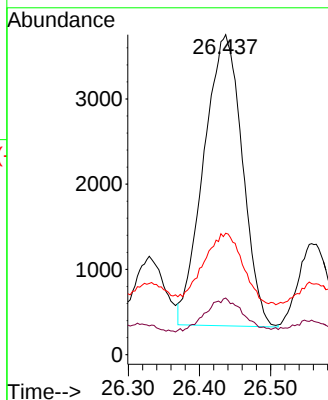
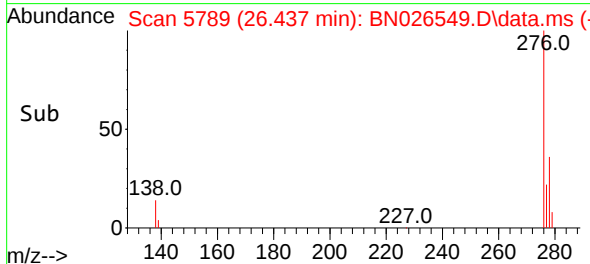
Instrument :
BNA_N
ClientSampleId :
A46M1



Tgt Ion:278 Resp: 1285
Ion Ratio Lower Upper
278 100
139 17.7 18.9 28.3#
279 37.9 31.3 46.9

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Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#29
Benzo(g,h,i)perylene
Concen: 0.045 ng/ul
RT: 27.205 min Scan# 6018
Delta R.T. -0.020 min
Lab File: BN026549.D
Acq: 17 Jul 2023 22:44

Tgt Ion:276 Resp: 1810
Ion Ratio Lower Upper
276 100
138 38.6 22.6 34.0#
277 51.4 21.8 32.8#

