

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026713.D
 Acq On : 24 Jul 2023 14:39
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4376

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 24 15:17:46 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 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	2521	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	6537	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.467	164	4155	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	8002m	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	5260	0.400	ng/ul	# 0.00
23) Perylene-d12	23.790	264	6899m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	1102	0.332	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.220	152	4243m	0.477	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	7577	0.416	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.229	88	1145	0.364	ng/ul#	86
5) Naphthalene	10.675	128	7107	0.396	ng/ul	98
7) 2-Methylnaphthalene	12.297	142	4723m	0.464	ng/ul	
8) 1-Methylnaphthalene	12.511	142	4902	0.449	ng/ul	100
10) Acenaphthylene	14.189	152	8254	0.406	ng/ul	99
11) Acenaphthene	14.527	153	6082	0.392	ng/ul	99
12) Fluorene	15.522	166	6595	0.406	ng/ul	100
14) Pentachlorophenol	16.890	266	660	0.327	ng/ul	97
15) Phenanthrene	17.262	178	9163	0.360	ng/ul	99
16) Anthracene	17.354	178	8158	0.369	ng/ul	97
19) Fluoranthene	19.278	202	9894	0.401	ng/ul#	94
20) Pyrene	19.646	202	10213	0.381	ng/ul#	94
21) Benzo(a)anthracene	21.405	228	8073	0.418	ng/ul	98
22) Chrysene	21.455	228	8395	0.382	ng/ul	98
24) Benzo(b)fluoranthene	23.071	252	9083	0.338	ng/ul	96
25) Benzo(k)fluoranthene	23.118	252	9991	0.355	ng/ul	96
26) Benzo(a)pyrene	23.691	252	8812	0.368	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.244	276	12597	0.402	ng/ul#	76
28) Dibenzo(a,h)anthracene	26.261	278	9972	0.414	ng/ul#	91
29) Benzo(g,h,i)perylene	27.002	276	10690	0.386	ng/ul#	89

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

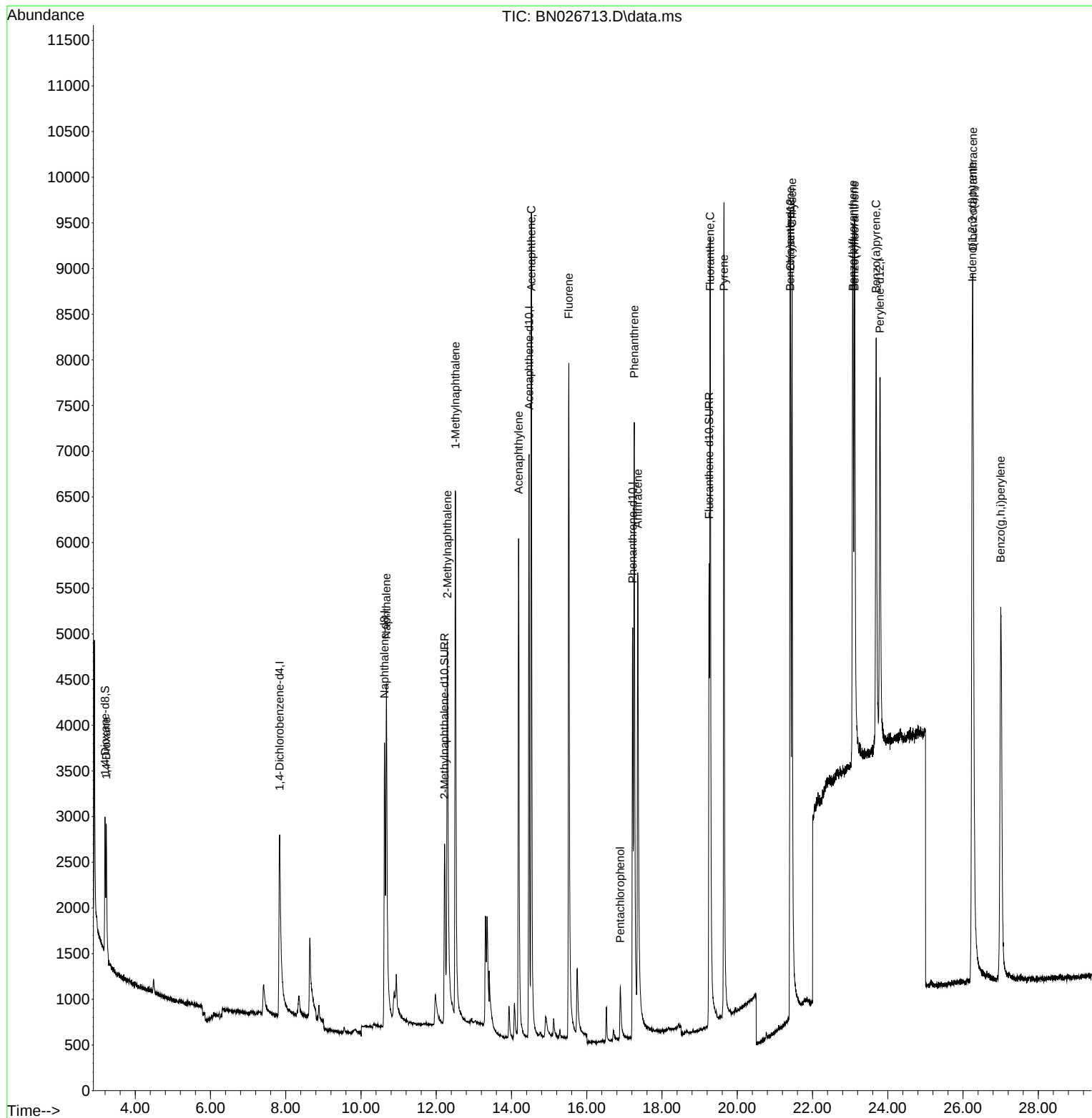
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026713.D
Acq On : 24 Jul 2023 14:39
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ALS Vial : 48 Sample Multiplier: 1

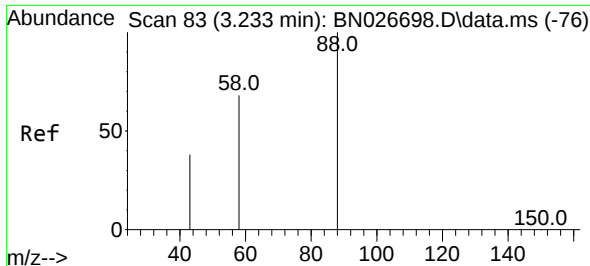
Instrument :
BNA_N
ClientSampleId :
SSTD0.4376

Quant Time: Jul 24 15:17:46 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 24 00:39:11 2023
Response via : Initial Calibration

Manual Integrations
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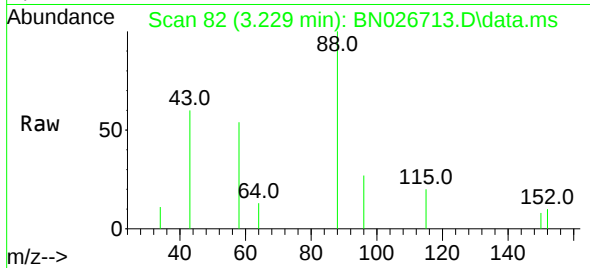
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023





#2
1,4-Dioxane
Concen: 0.364 ng/ul
RT: 3.229 min Scan# 81
Delta R.T. -0.008 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39

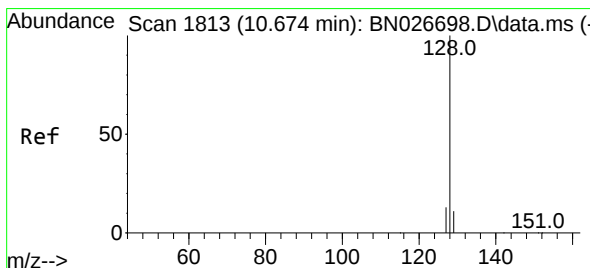
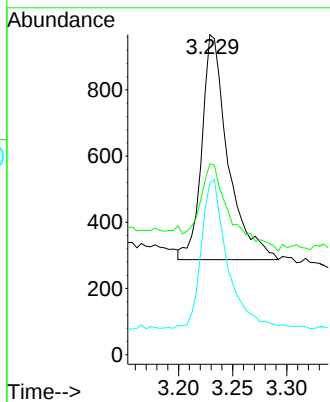
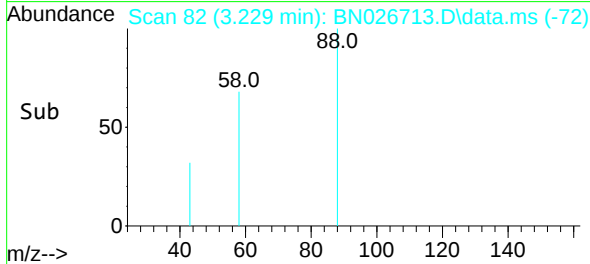
Instrument :
BNA_N
ClientSampleId :
SSTD0.4376



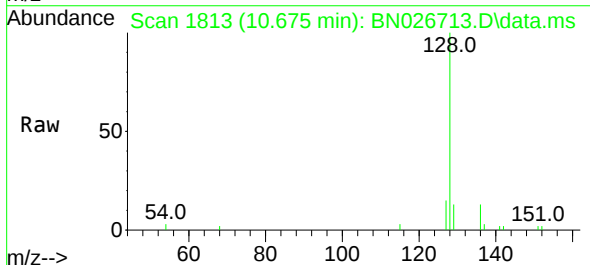
Tgt Ion: 88 Resp: 114
Ion Ratio Lower Upper
88 100
43 59.7 33.0 49.6
58 53.7 41.7 62.5

Manual Integrations
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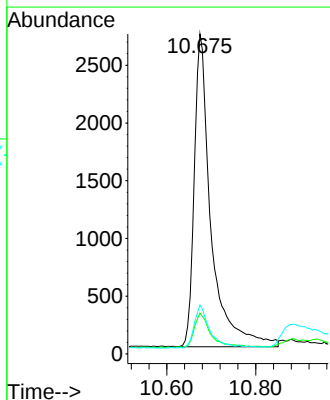
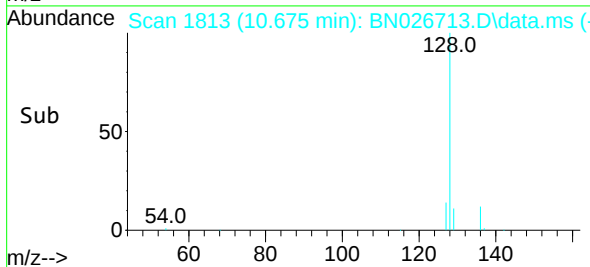
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

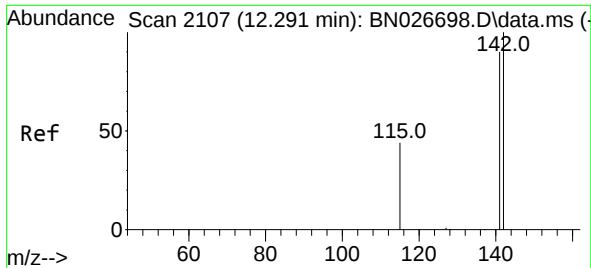


#5
Naphthalene
Concen: 0.396 ng/ul
RT: 10.675 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39



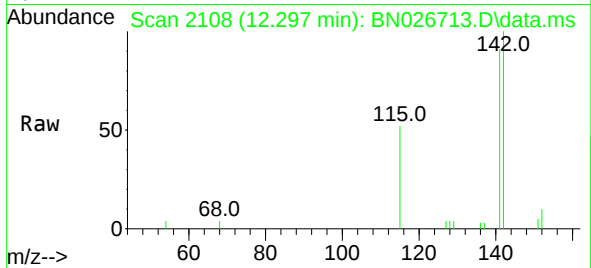
Tgt Ion:128 Resp: 7107
Ion Ratio Lower Upper
128 100
129 12.8 10.2 15.2
127 15.3 11.4 17.0





#7
2-Methylnaphthalene
Concen: 0.464 ng/ul m
RT: 12.297 min Scan# 2108
Delta R.T. 0.000 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39

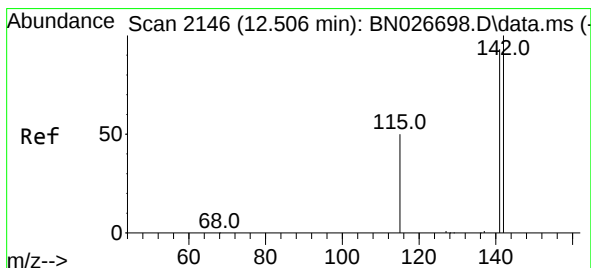
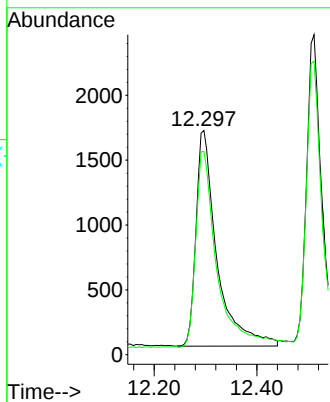
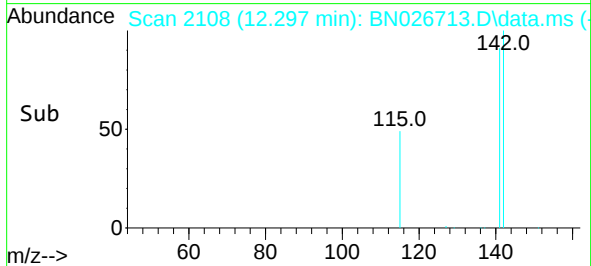
Instrument :
BNA_N
ClientSampleId :
SSTD0.4376



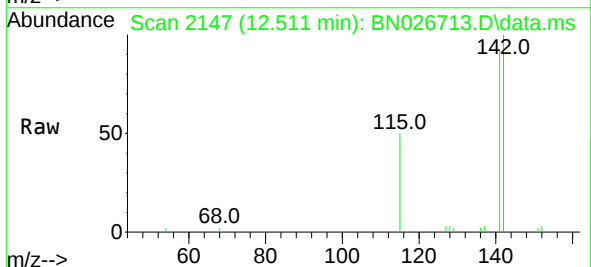
Tgt Ion:142 Resp: 472
Ion Ratio Lower Upper
142 100
141 85.8 72.3 108.5

Manual Integrations
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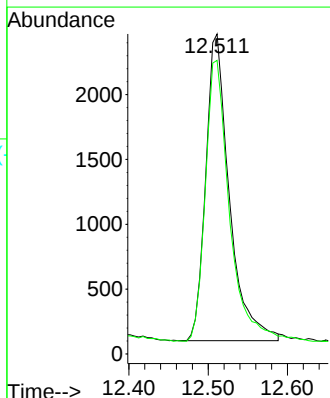
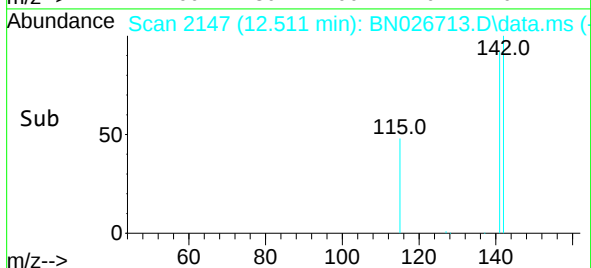
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

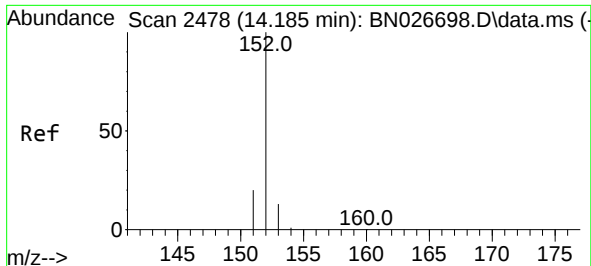


#8
1-Methylnaphthalene
Concen: 0.449 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39



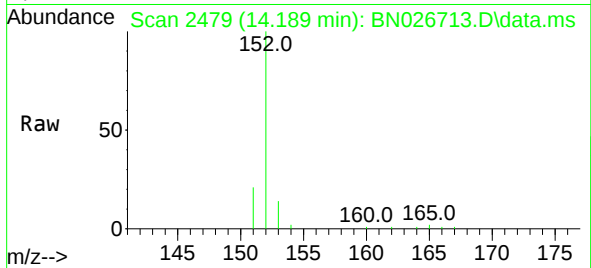
Tgt Ion:142 Resp: 4902
Ion Ratio Lower Upper
142 100
141 92.9 74.5 111.7





#10
Acenaphthylene
Concen: 0.406 ng/u1
RT: 14.189 min Scan# 2478
Delta R.T. 0.000 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39

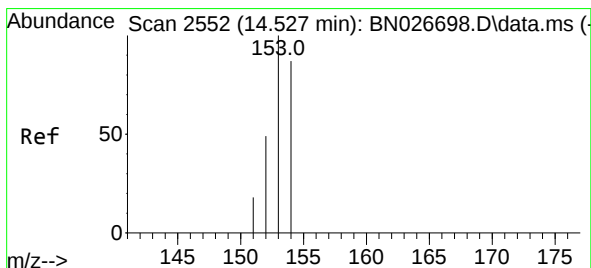
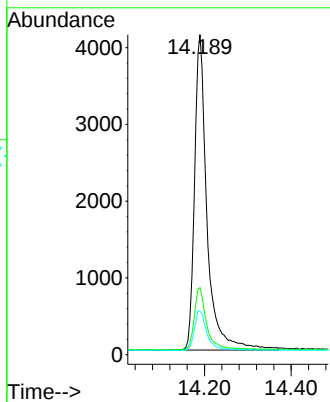
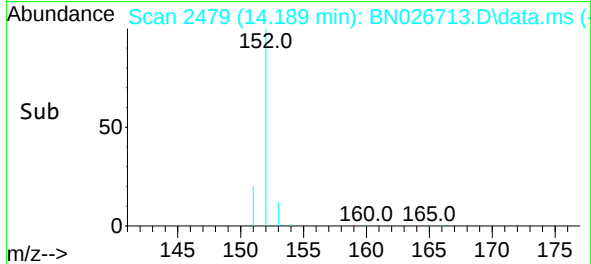
Instrument :
BNA_N
ClientSampleId :
SSTD0.4376



Tgt Ion:152 Resp: 8254
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.6
153 13.6 11.4 17.2

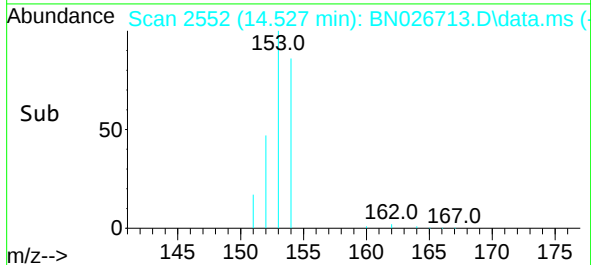
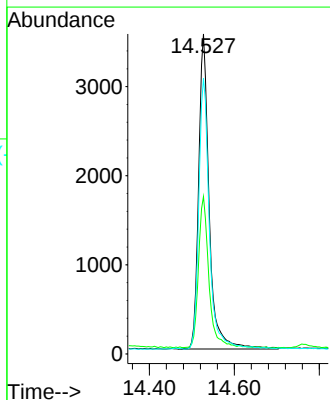
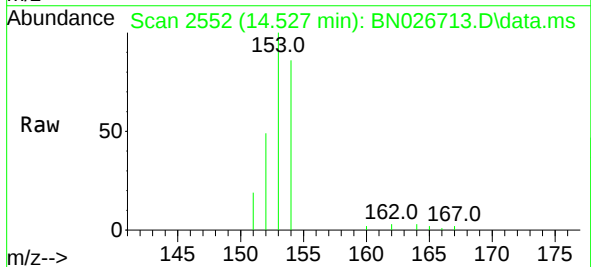
Manual Integrations
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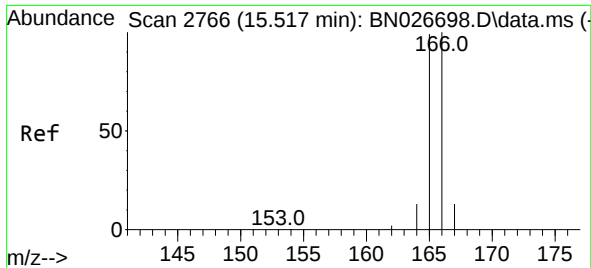
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#11
Acenaphthene
Concen: 0.392 ng/u1
RT: 14.527 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39

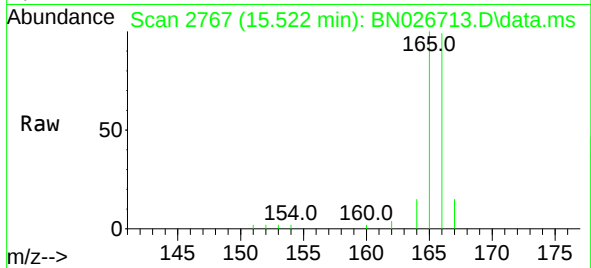
Tgt Ion:153 Resp: 6082
Ion Ratio Lower Upper
153 100
152 49.2 40.2 60.4
154 86.1 69.3 103.9





#12
Fluorene
Concen: 0.406 ng/ul
RT: 15.522 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39

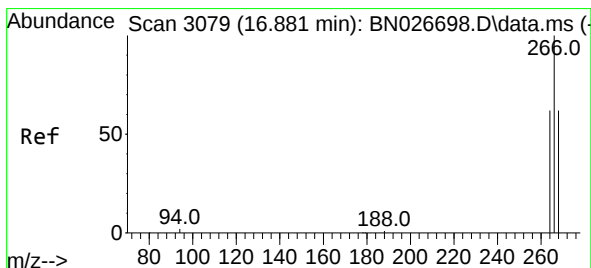
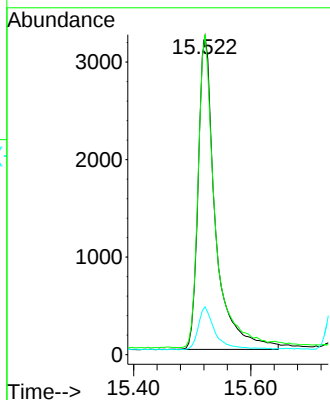
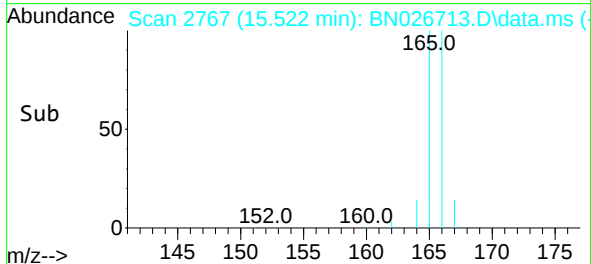
Instrument :
BNA_N
ClientSampleId :
SSTD0.4376



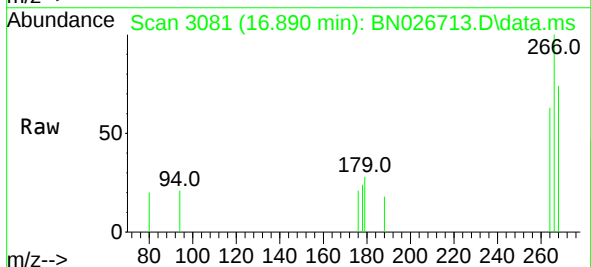
Tgt Ion:166 Resp: 659
Ion Ratio Lower Upper
166 100
165 100.5 80.6 120.8
167 15.0 12.0 18.0

Manual Integrations
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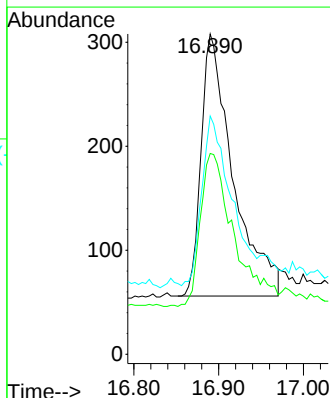
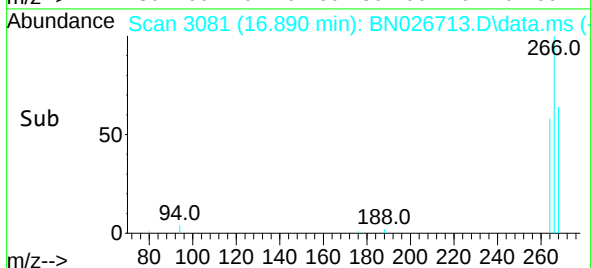
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

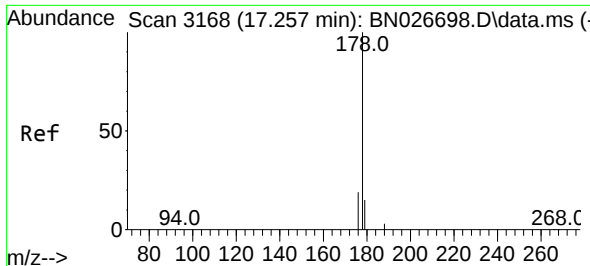


#14
Pentachlorophenol
Concen: 0.327 ng/ul
RT: 16.890 min Scan# 3081
Delta R.T. 0.009 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39



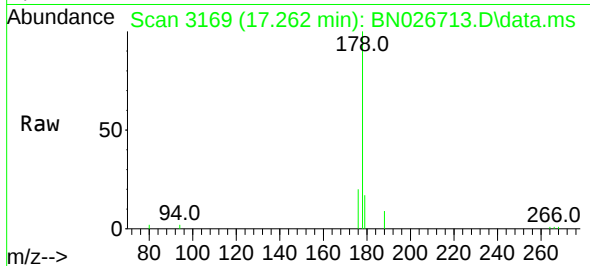
Tgt Ion:266 Resp: 660
Ion Ratio Lower Upper
266 100
264 61.8 52.0 78.0
268 65.2 53.0 79.6





#15
Phenanthrene
Concen: 0.360 ng/u1
RT: 17.262 min Scan# 3168
Delta R.T. 0.004 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39

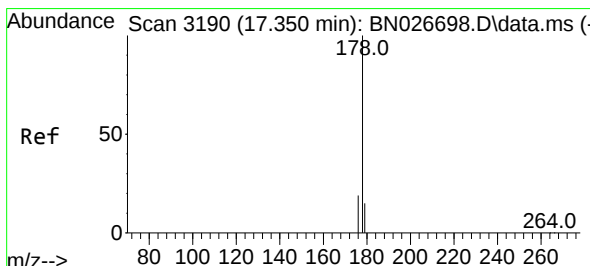
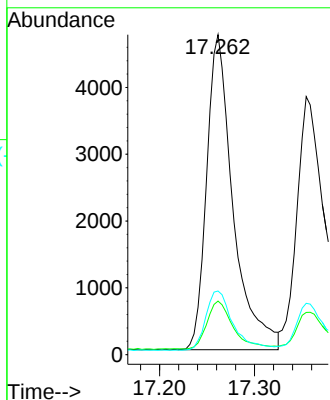
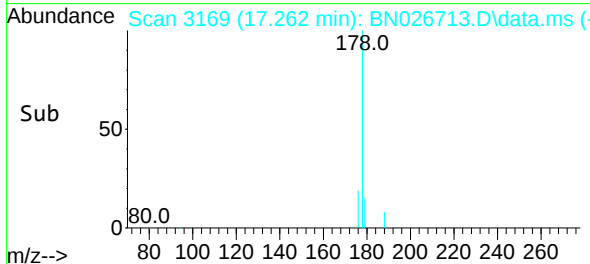
Instrument :
BNA_N
ClientSampleId :
SSTD0.4376



Tgt Ion:178 Resp: 916
Ion Ratio Lower Upper
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179 16.8 13.7 20.5
176 19.9 16.5 24.7

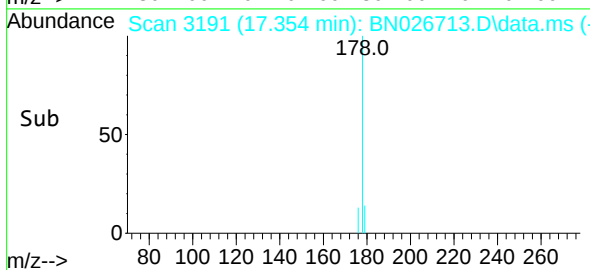
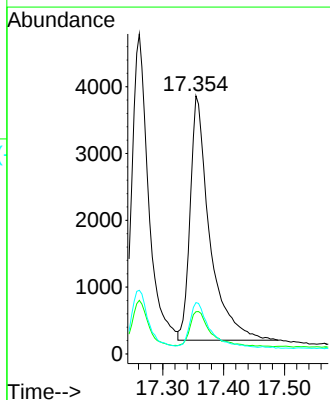
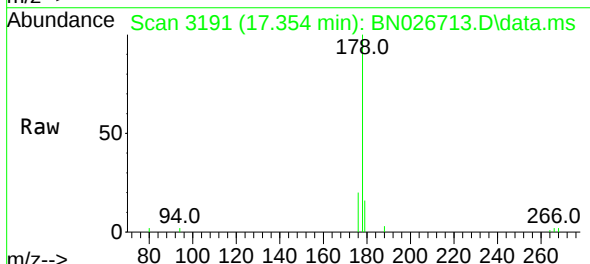
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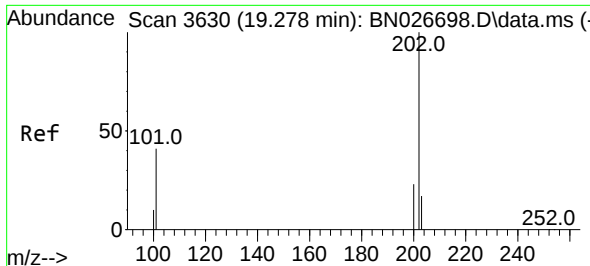
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.369 ng/u1
RT: 17.354 min Scan# 3191
Delta R.T. 0.004 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39

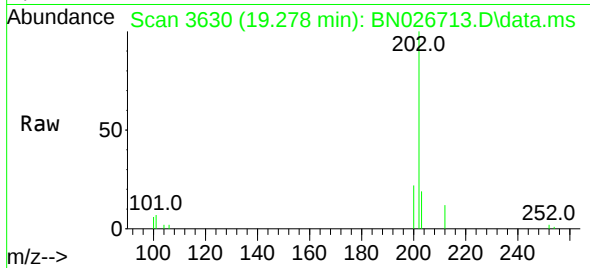
Tgt Ion:178 Resp: 8158
Ion Ratio Lower Upper
178 100
179 16.3 14.8 22.2
176 19.9 16.6 25.0





#19
Fluoranthene
Concen: 0.401 ng/u1
RT: 19.278 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39

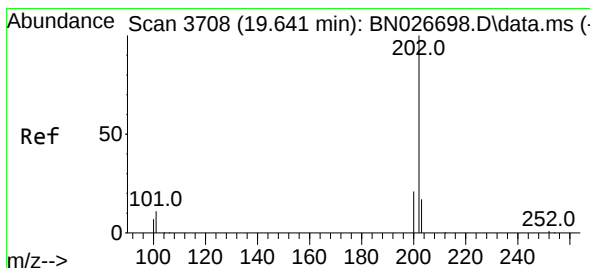
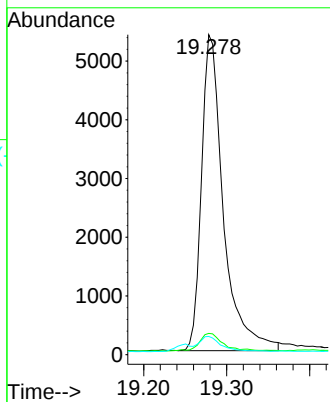
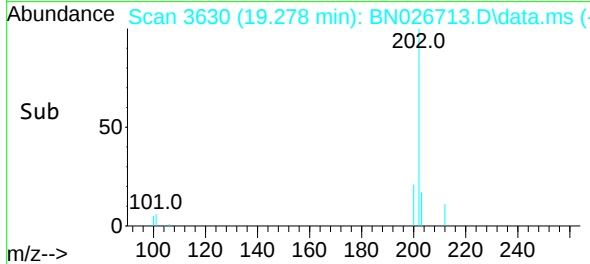
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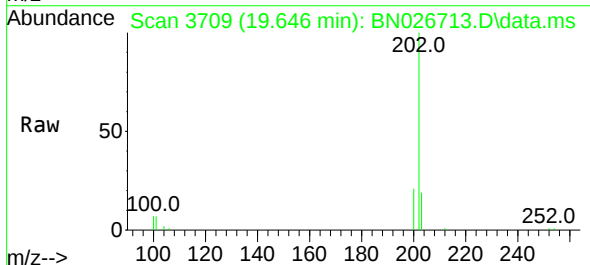
Tgt Ion:202 Resp: 9894
Ion Ratio Lower Upper
202 100
101 6.6 7.0 10.4
100 5.7 6.0 9.0

Manual Integrations
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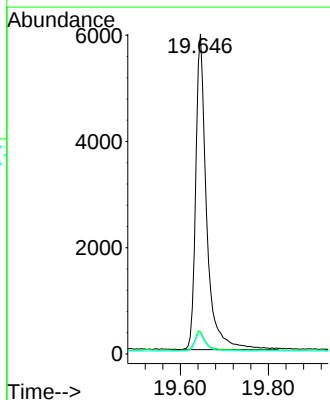
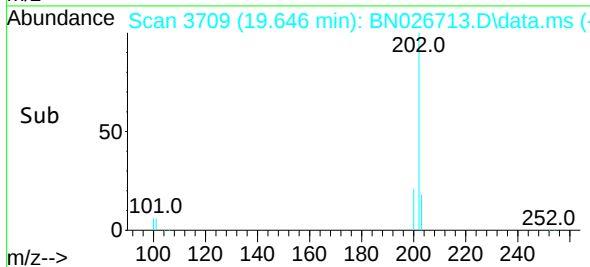
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

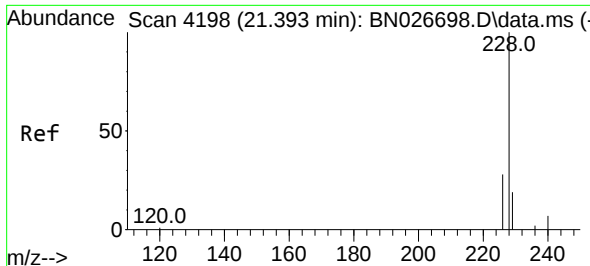


#20
Pyrene
Concen: 0.381 ng/u1
RT: 19.646 min Scan# 3709
Delta R.T. 0.000 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39



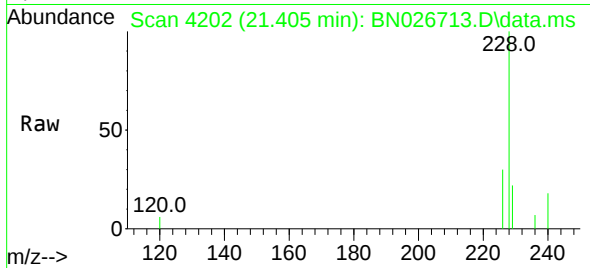
Tgt Ion:202 Resp: 10213
Ion Ratio Lower Upper
202 100
101 7.0 8.0 12.0
100 6.5 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.405 min Scan# 4198
Delta R.T. 0.003 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39

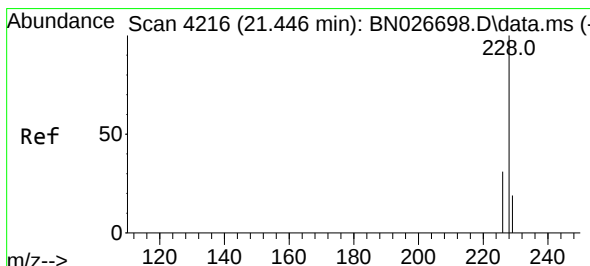
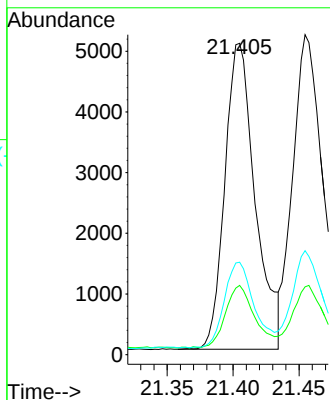
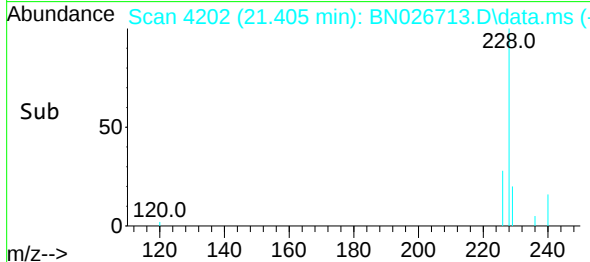
Instrument :
BNA_N
ClientSampleId :
SSTD0.4376



Tgt Ion:228 Resp: 807
Ion Ratio Lower Upper
228 100
229 22.3 16.7 25.1
226 29.7 23.5 35.3

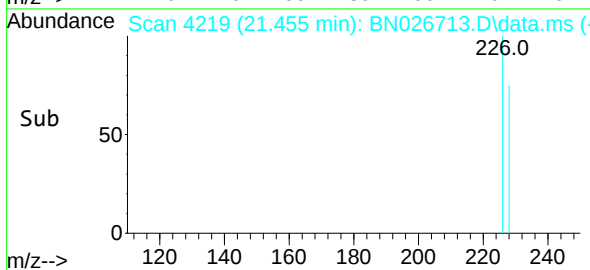
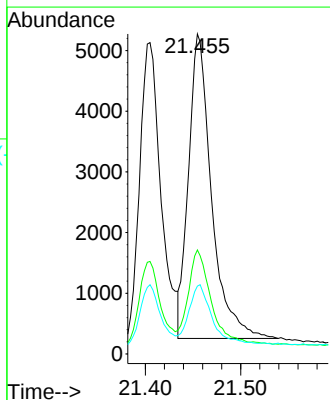
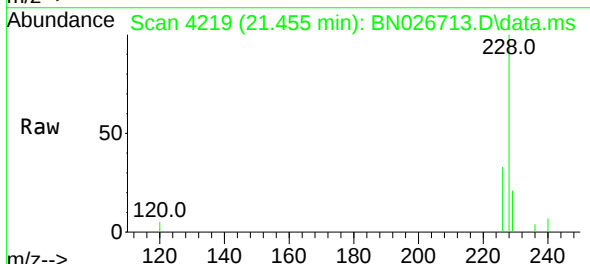
Manual Integrations
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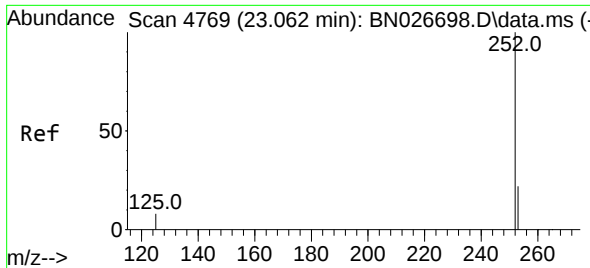
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.455 min Scan# 4219
Delta R.T. 0.000 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39

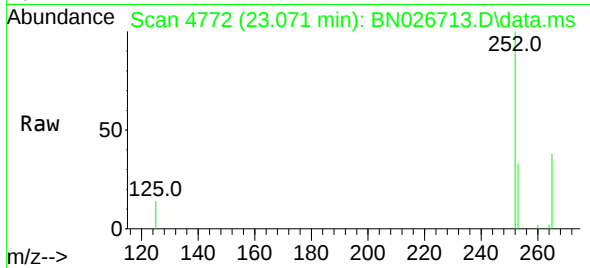
Tgt Ion:228 Resp: 8395
Ion Ratio Lower Upper
228 100
226 32.5 25.2 37.8
229 21.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.338 ng/ul
RT: 23.071 min Scan# 4772
Delta R.T. 0.003 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39

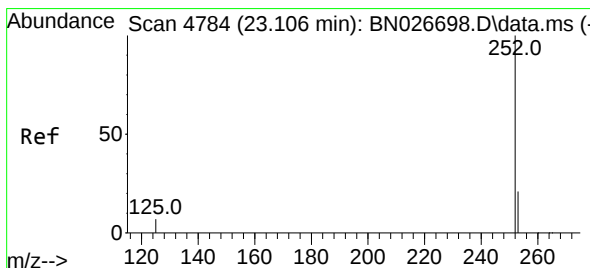
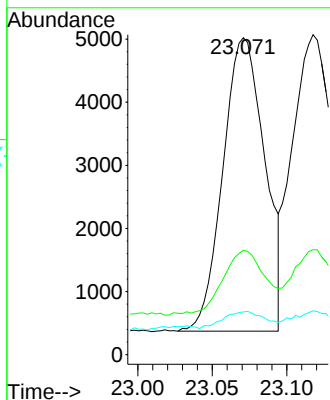
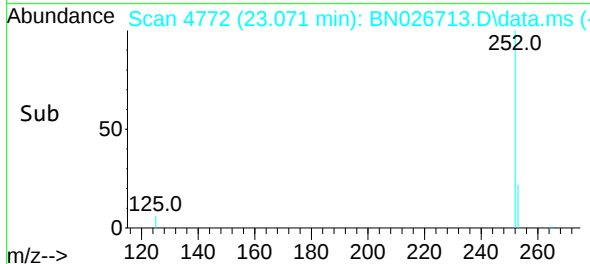
Instrument :
BNA_N
ClientSampleId :
SSTD0.4376



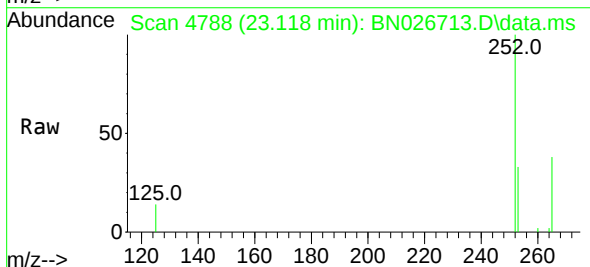
Tgt Ion:252 Resp: 908
Ion Ratio Lower Upper
252 100
253 32.9 0.0 68.6
125 13.5 0.0 34.0

Manual Integrations
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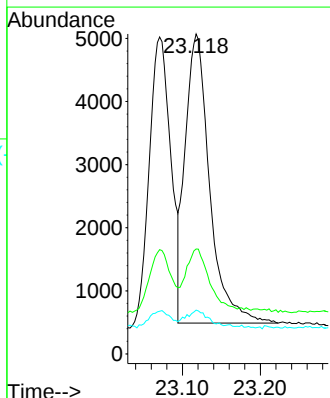
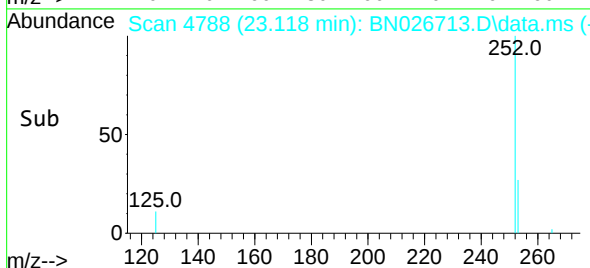
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

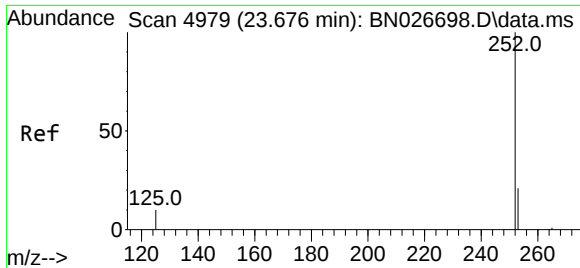


#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 23.118 min Scan# 4788
Delta R.T. 0.003 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39



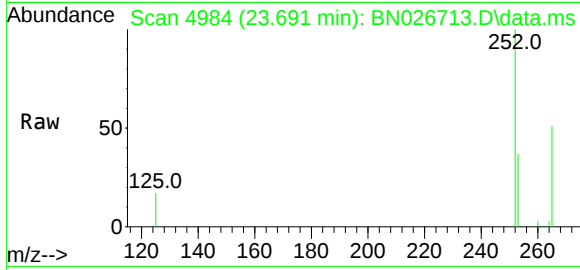
Tgt Ion:252 Resp: 9991
Ion Ratio Lower Upper
252 100
253 32.8 27.2 40.8
125 13.7 13.4 20.2





#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.691 min Scan# 4984
Delta R.T. 0.006 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39

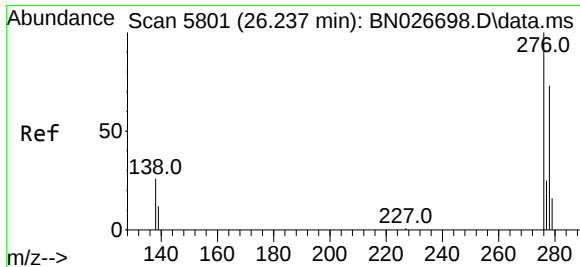
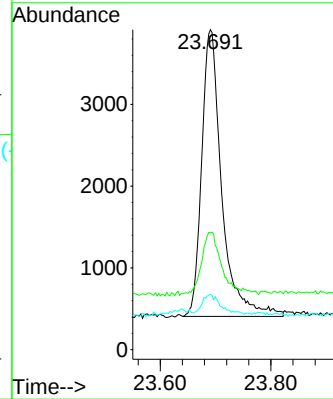
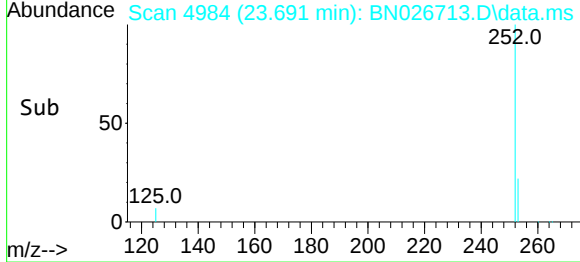
Instrument :
BNA_N
ClientSampleId :
SSTD0.4376



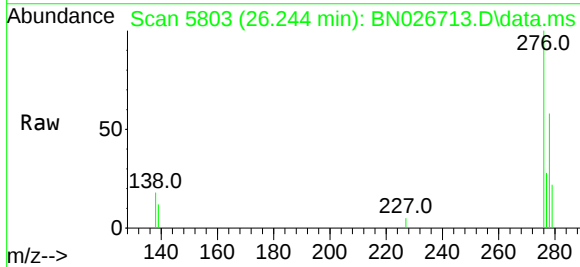
Tgt Ion:252 Resp: 8812
Ion Ratio Lower Upper
252 100
253 36.5 32.6 49.0
125 17.3 19.3 28.9

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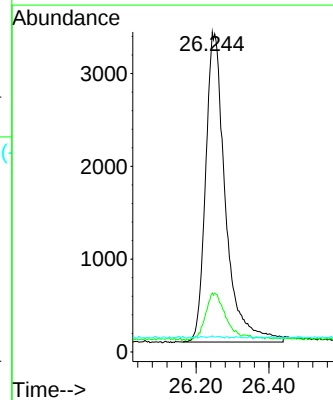
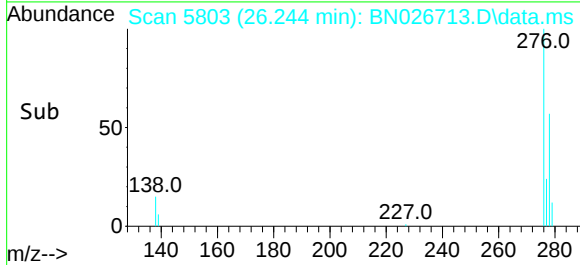
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

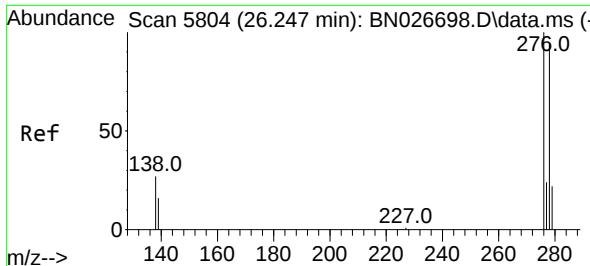


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 26.244 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39



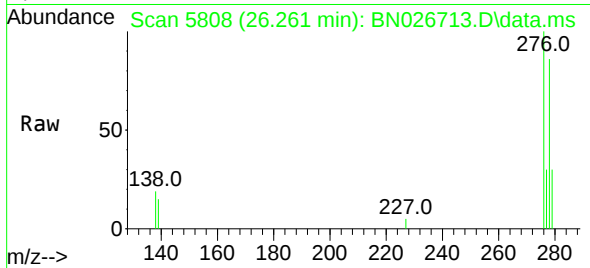
Tgt Ion:276 Resp: 12597
Ion Ratio Lower Upper
276 100
138 15.1 22.2 33.4#
227 0.4 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.414 ng/ul
RT: 26.261 min Scan# 5808
Delta R.T. 0.003 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39

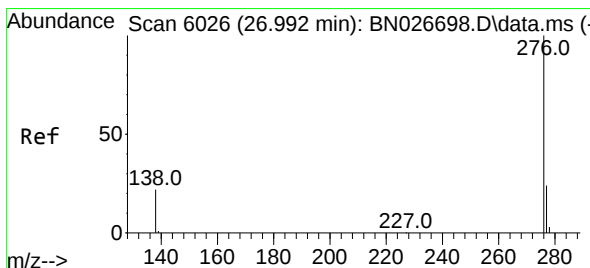
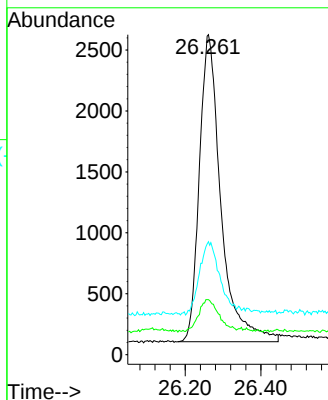
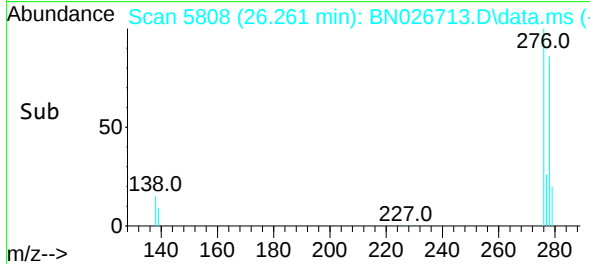
Instrument :
BNA_N
ClientSampleId :
SSTD0.4376



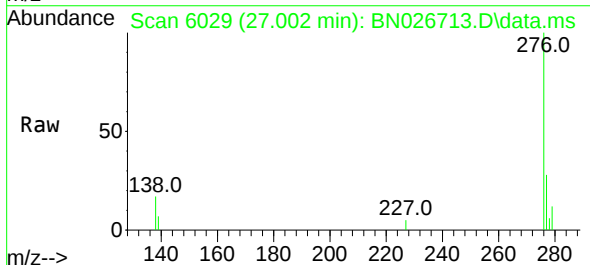
Tgt Ion:278 Resp: 9972
Ion Ratio Lower Upper
278 100
139 17.2 18.9 28.3
279 35.3 31.3 46.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#29
Benzo(g,h,i)perylene
Concen: 0.386 ng/ul
RT: 27.002 min Scan# 6029
Delta R.T. 0.000 min
Lab File: BN026713.D
Acq: 24 Jul 2023 14:39



Tgt Ion:276 Resp: 10690
Ion Ratio Lower Upper
276 100
138 17.3 22.6 34.0
277 27.8 21.8 32.8

