

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024405.D
 Acq On : 20 Mar 2023 11:08
 Operator : CG/JU
 Sample : PB151451BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS451

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/21/2023
 Supervised By : Jagrut Upadhyay 03/21/2023

Quant Time: Mar 21 02:14:23 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 02:12:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	8679	0.400	ng/u1	0.00
4) Naphthalene-d8	10.850	136	26909	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.670	164	12798	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.413	188	25290	0.400	ng/u1	0.00
17) Chrysene-d12	21.600	240	15954	0.400	ng/u1	# 0.00
23) Perylene-d12	24.103	264	11114m	0.400	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	5789	0.606	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.434	152	9457	0.296	ng/u1	0.00
18) Fluoranthene-d10	19.436	212	15014	0.354	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	14957	1.440	ng/u1	90
5) Naphthalene	10.900	128	21257	0.316	ng/u1	100
7) 2-Methylnaphthalene	12.506	142	12249	0.301	ng/u1	98
8) 1-Methylnaphthalene	12.726	142	12780	0.298	ng/u1	99
10) Acenaphthylene	14.393	152	16487	0.309	ng/u1	99
11) Acenaphthene	14.731	153	12887	0.313	ng/u1	98
12) Fluorene	15.716	166	13907	0.303	ng/u1	97
14) Pentachlorophenol	17.059	266	3138	0.447	ng/u1#	73
15) Phenanthrene	17.456	178	22412	0.309	ng/u1	100
16) Anthracene	17.548	178	18487	0.291	ng/u1	99
19) Fluoranthene	19.469	202	22664	0.357	ng/u1	96
20) Pyrene	19.831	202	22320	0.346	ng/u1	95
21) Benzo(a)anthracene	21.586	228	15505	0.298	ng/u1	100
22) Chrysene	21.641	228	17674	0.321	ng/u1	100
24) Benzo(b)fluoranthene	23.334	252	14796	0.349	ng/u1	89
25) Benzo(k)fluoranthene	23.392	252	14913	0.339	ng/u1#	89
26) Benzo(a)pyrene	23.989	252	11601	0.318	ng/u1#	84
27) Indeno(1,2,3-cd)pyrene	26.723	276	12230	0.297	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.750	278	8923	0.285	ng/u1	93
29) Benzo(g,h,i)perylene	27.532	276	11440	0.321	ng/u1	95

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

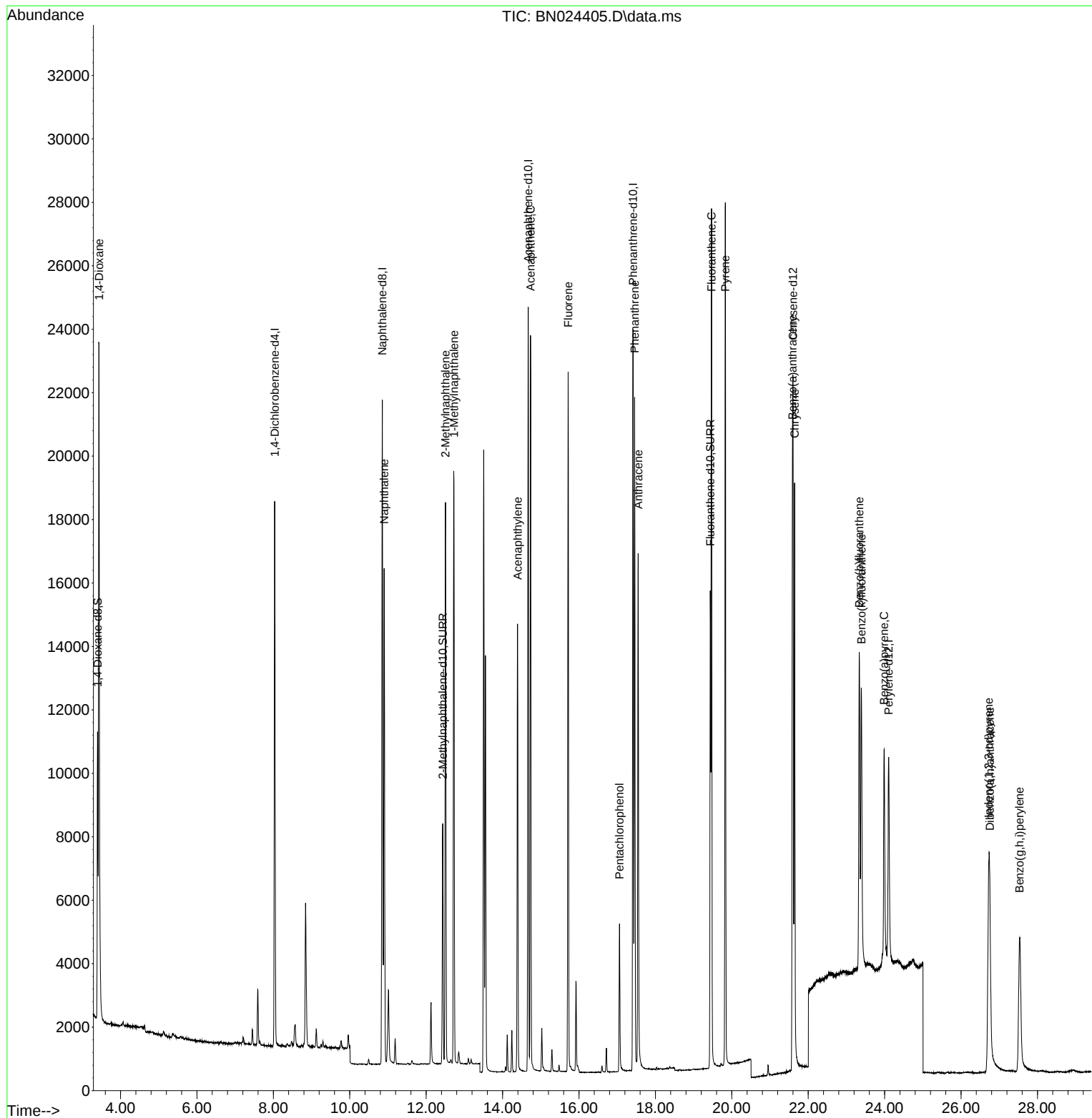
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
Data File : BN024405.D
Acq On : 20 Mar 2023 11:08
Operator : CG/JU
Sample : PB151451BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

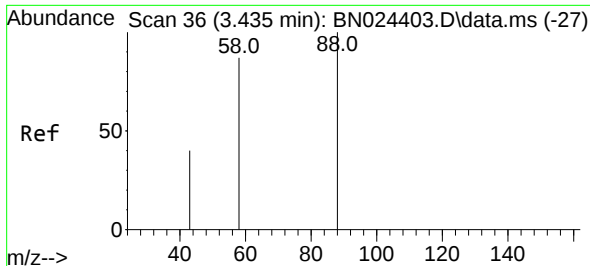
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SLCS451

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Supervised By :Jagrut Upadhyay 03/21/2023

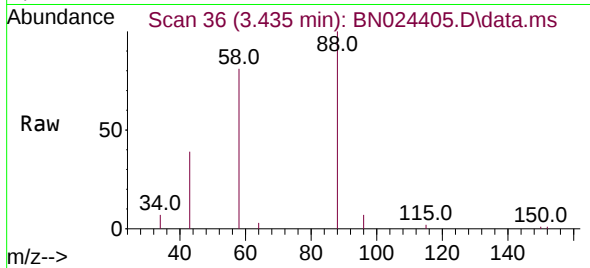
Quant Time: Mar 21 02:14:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 02:12:19 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.440 ng/ul
RT: 3.435 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

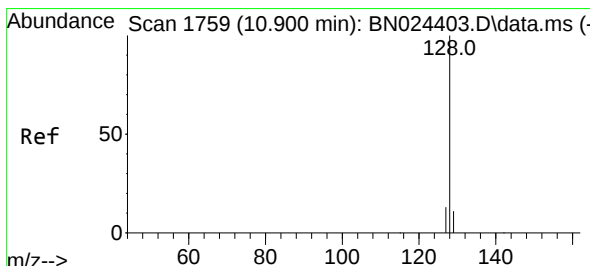
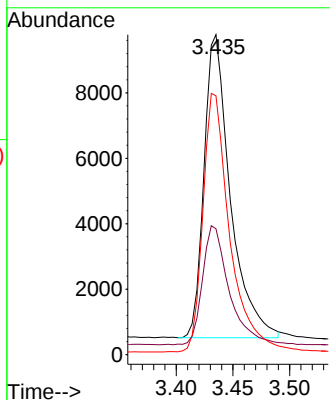
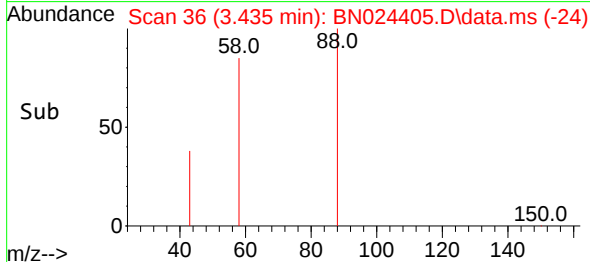
Instrument :
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ClientSampleId :
SLCS451



Tgt Ion: 88 Resp: 1495
Ion Ratio Lower Upper
88 100
43 39.3 32.1 48.1
58 80.9 55.1 82.7

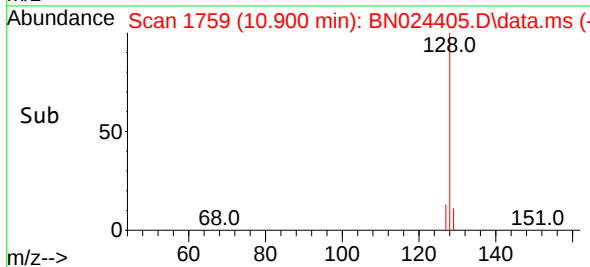
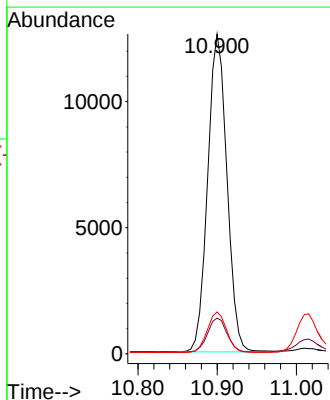
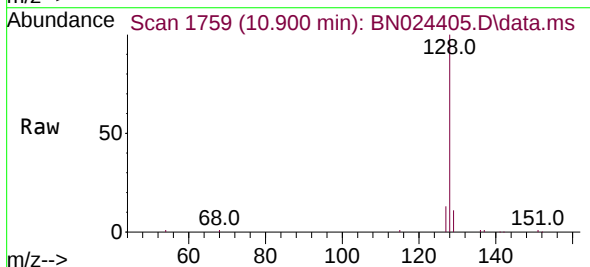
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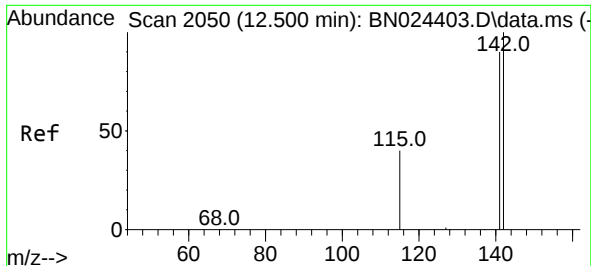
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#5
Naphthalene
Concen: 0.316 ng/ul
RT: 10.900 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

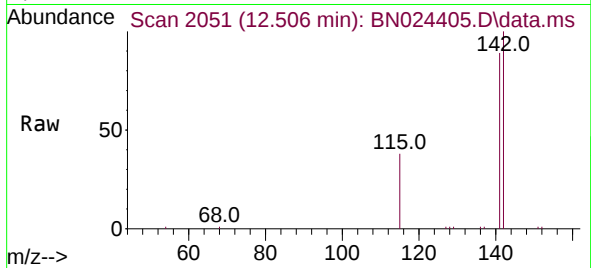
Tgt Ion:128 Resp: 21257
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.1 10.5 15.7





#7
2-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.506 min Scan# 2051
Delta R.T. 0.006 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

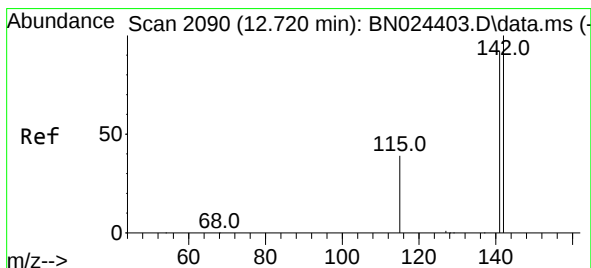
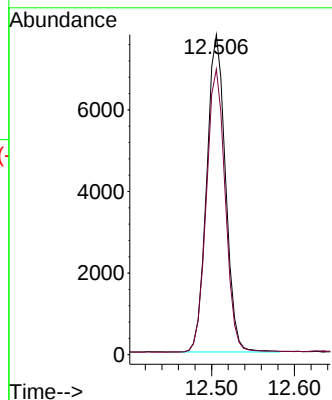
Instrument :
BNA_N
ClientSampleId :
SLCS451



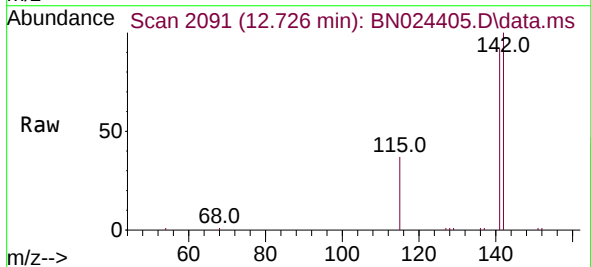
Tgt Ion:142 Resp: 12249
Ion Ratio Lower Upper
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141 89.6 70.3 105.5

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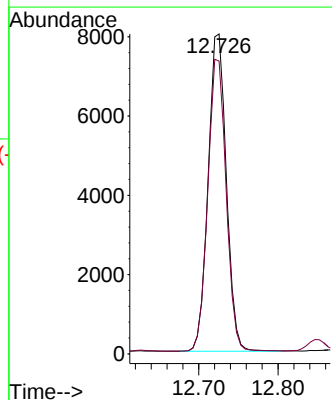
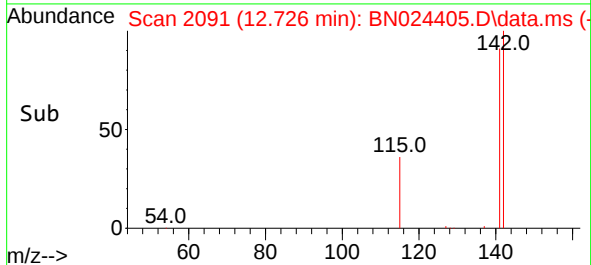
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

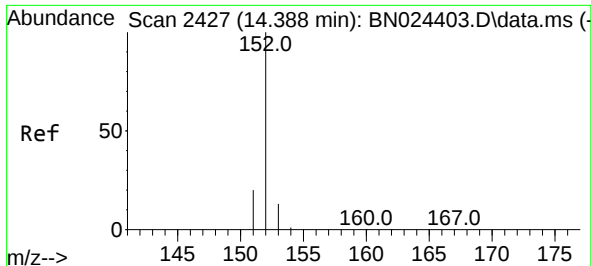


#8
1-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.726 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08



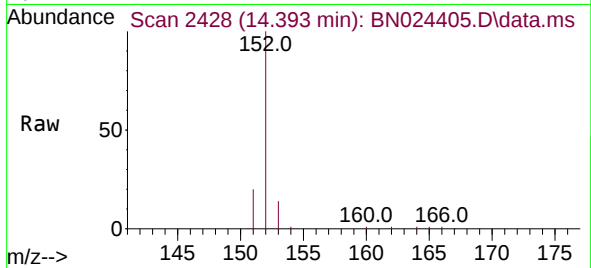
Tgt Ion:142 Resp: 12780
Ion Ratio Lower Upper
142 100
141 92.6 73.0 109.6





#10
Acenaphthylene
Concen: 0.309 ng/ul
RT: 14.393 min Scan# 2427
Delta R.T. 0.005 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

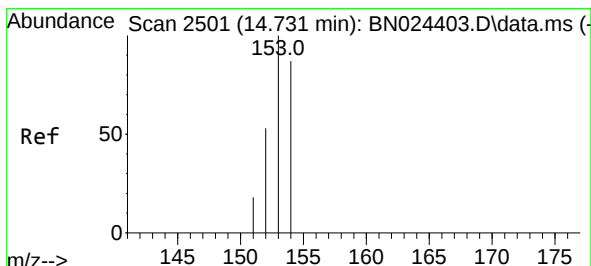
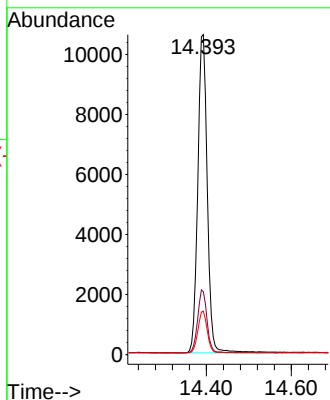
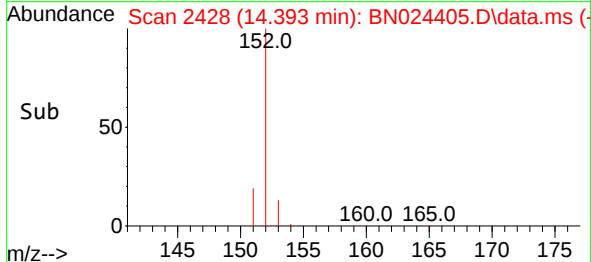
Instrument :
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Tgt Ion:152 Resp: 16487
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.6 10.6 16.0

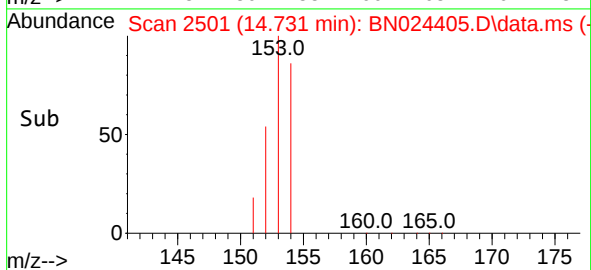
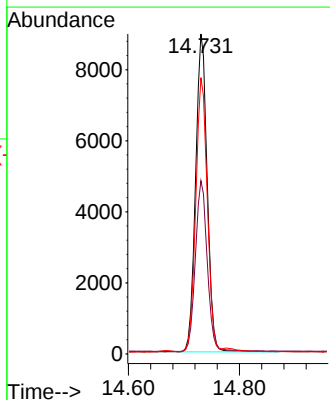
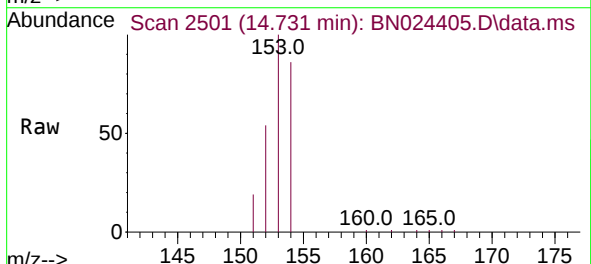
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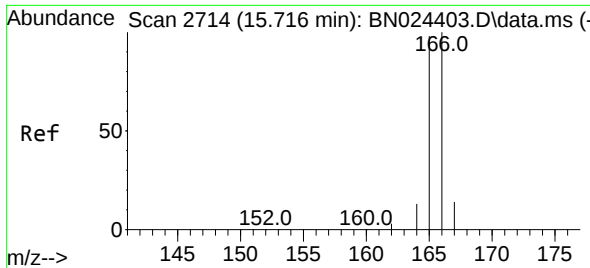
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.731 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

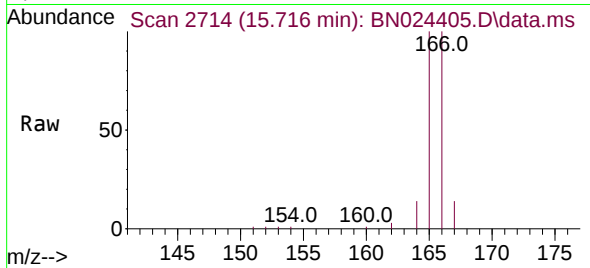
Tgt Ion:153 Resp: 12887
Ion Ratio Lower Upper
153 100
152 54.1 42.6 64.0
154 86.3 70.6 105.8





#12
Fluorene
Concen: 0.303 ng/ul
RT: 15.716 min Scan# 2714
Delta R.T. 0.000 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

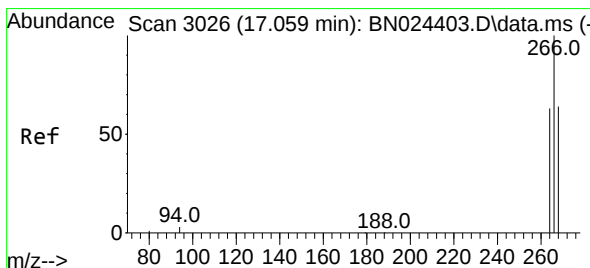
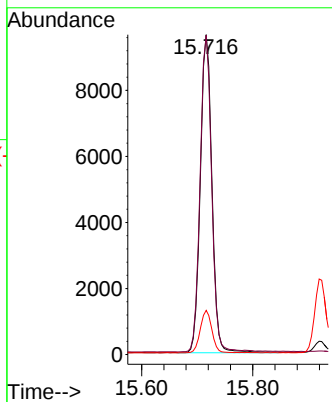
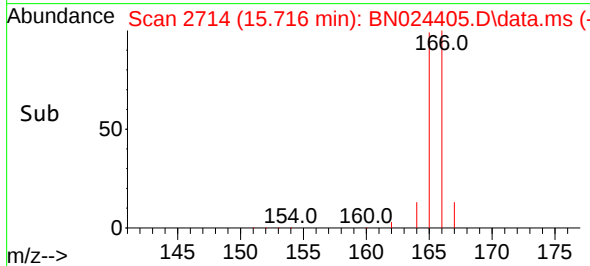
Instrument :
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Tgt Ion:166 Resp: 1390
Ion Ratio Lower Upper
166 100
165 99.8 77.4 116.0
167 13.8 10.9 16.3

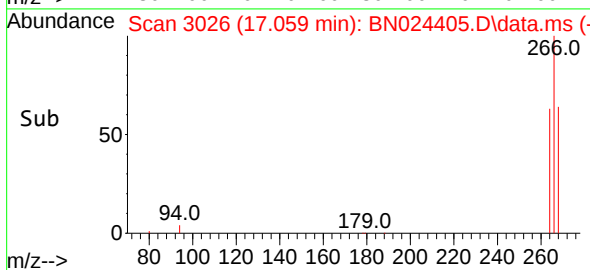
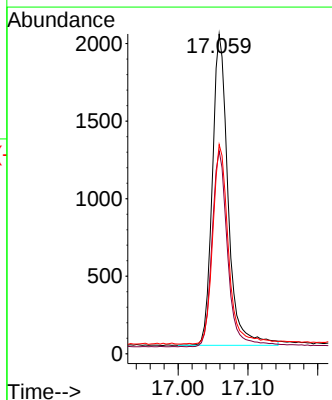
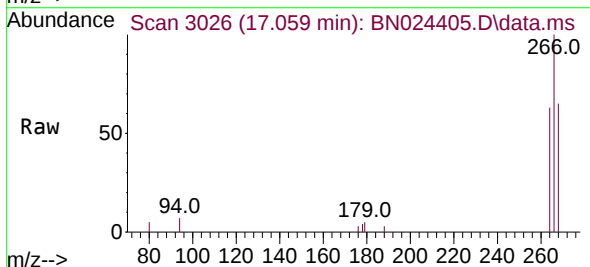
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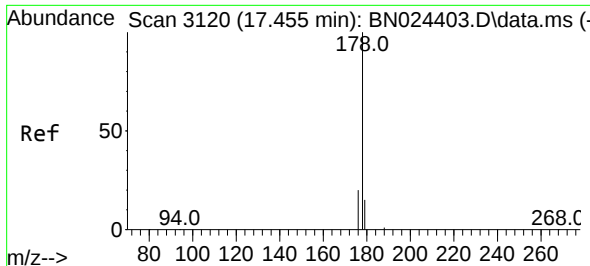
Reviewed By :Christian Giraldo 03/21/2023
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#14
Pentachlorophenol
Concen: 0.447 ng/ul
RT: 17.059 min Scan# 3026
Delta R.T. 0.000 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

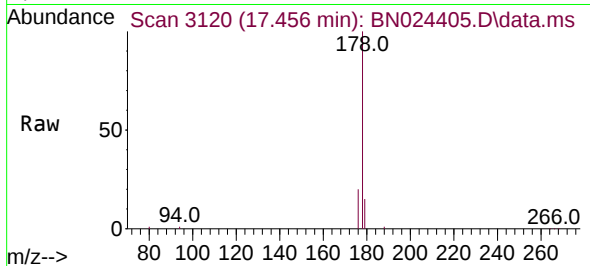
Tgt Ion:266 Resp: 3138
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0#
268 64.1 0.1 0.1#





#15
Phenanthrene
Concen: 0.309 ng/u1
RT: 17.456 min Scan# 311
Delta R.T. 0.000 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

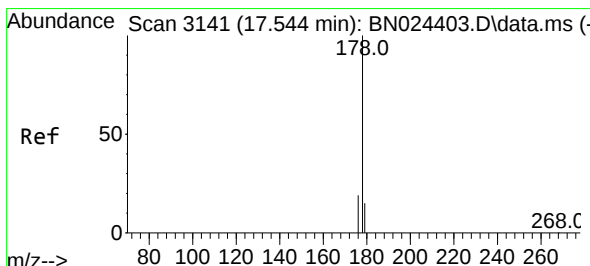
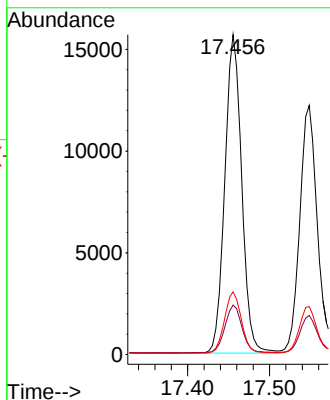
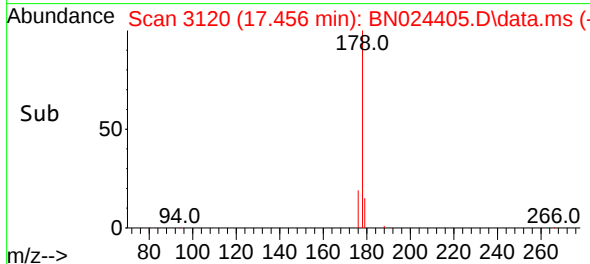
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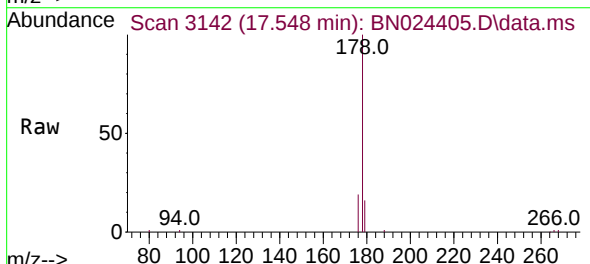
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Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.6 15.7 23.5

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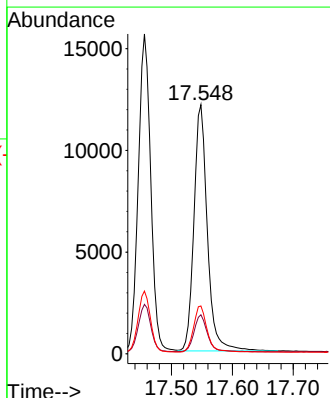
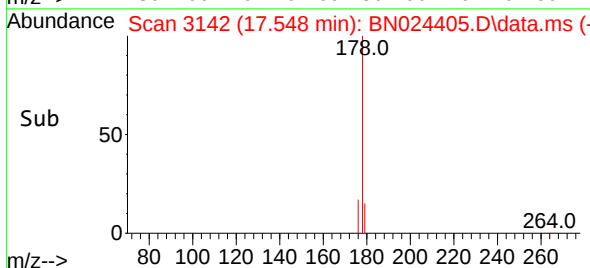
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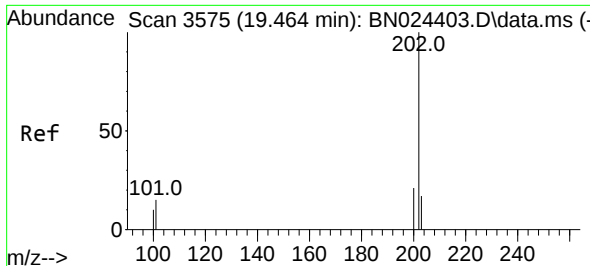


#16
Anthracene
Concen: 0.291 ng/u1
RT: 17.548 min Scan# 3142
Delta R.T. 0.004 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08



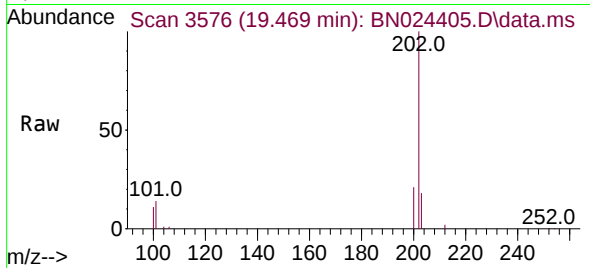
Tgt Ion:178 Resp: 18487
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.2 15.3 22.9





#19
Fluoranthene
Concen: 0.357 ng/ul
RT: 19.469 min Scan# 3576
Delta R.T. 0.005 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

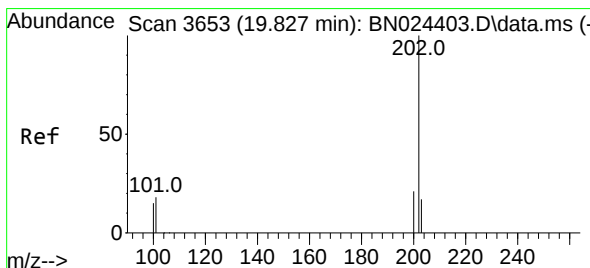
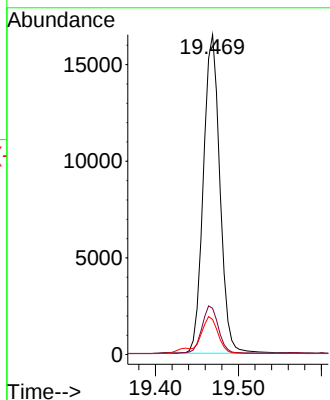
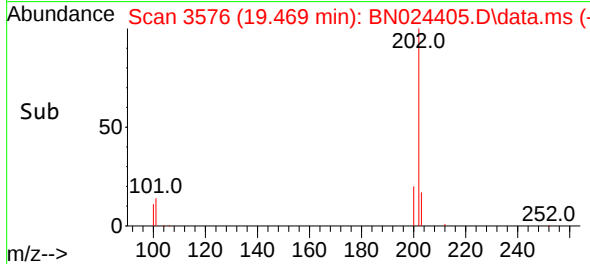
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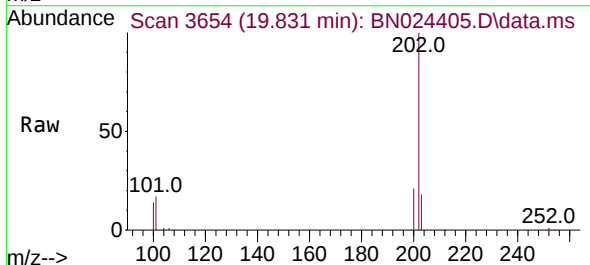
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Ion Ratio Lower Upper
202 100
101 14.5 10.4 15.6
100 11.0 7.7 11.5

Manual Integrations
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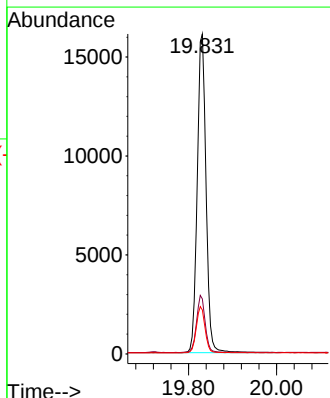
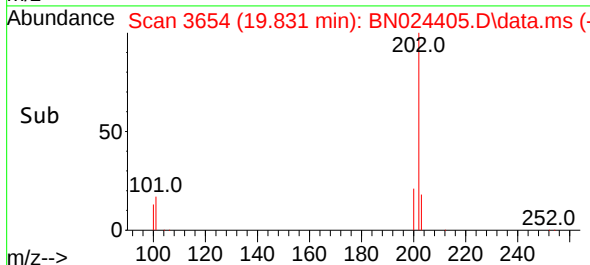
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

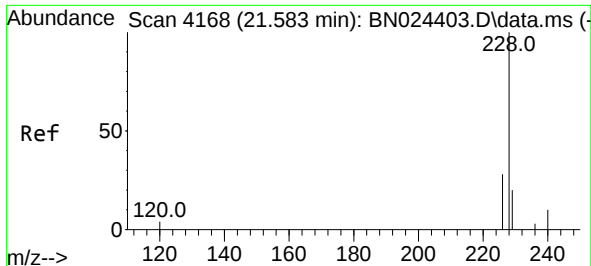


#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.831 min Scan# 3654
Delta R.T. 0.005 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08



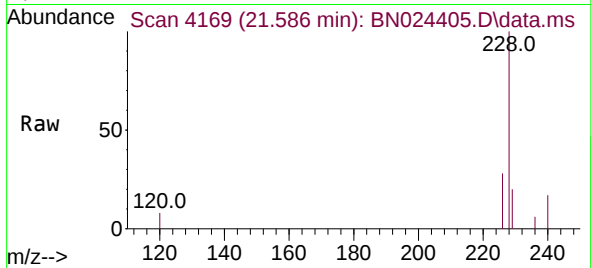
Tgt Ion:202 Resp: 22320
Ion Ratio Lower Upper
202 100
101 17.2 12.1 18.1
100 13.7 9.4 14.0





#21
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.586 min Scan# 4168
Delta R.T. 0.003 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

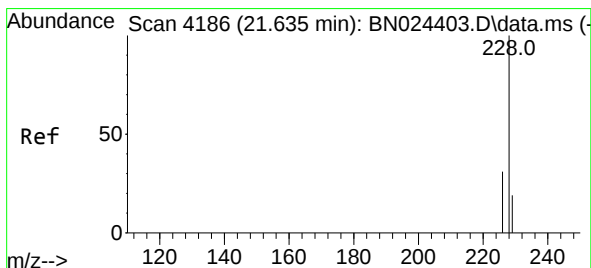
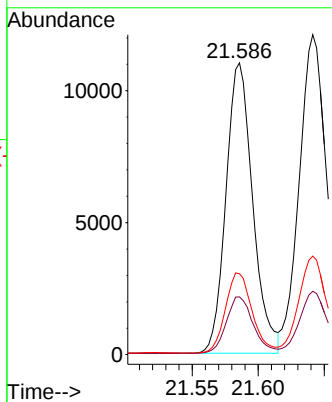
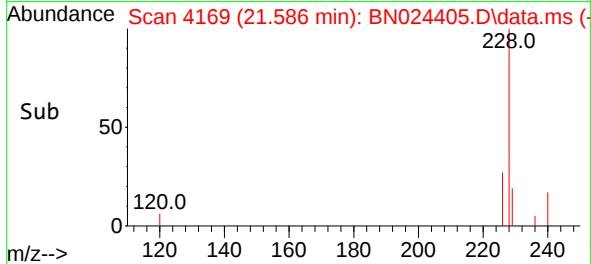
Instrument :
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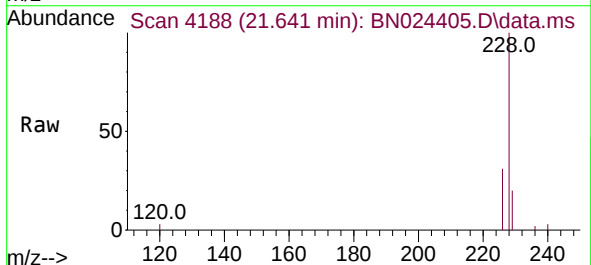
Tgt Ion:228 Resp: 15505
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.6
226 27.7 22.2 33.4

Manual Integrations
APPROVED

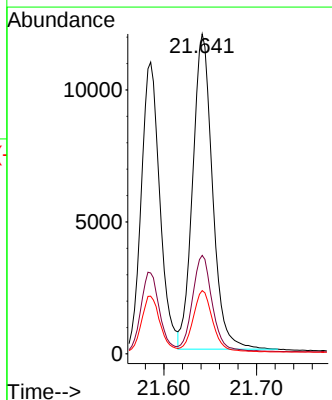
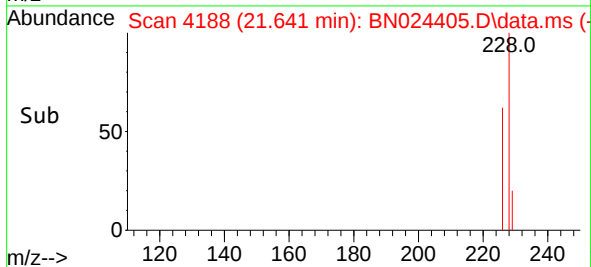
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

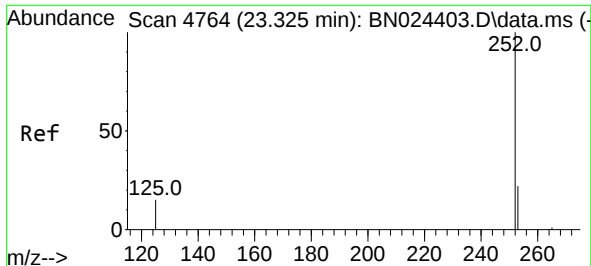


#22
Chrysene
Concen: 0.321 ng/ul
RT: 21.641 min Scan# 4188
Delta R.T. 0.006 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08



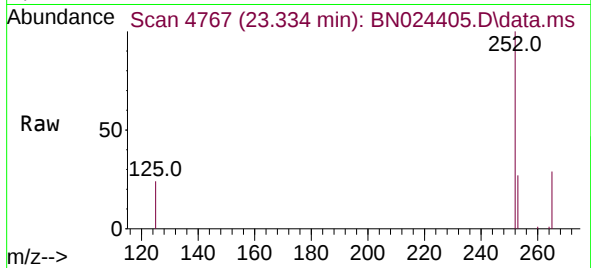
Tgt Ion:228 Resp: 17674
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 19.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.349 ng/ul
RT: 23.334 min Scan# 4767
Delta R.T. 0.009 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

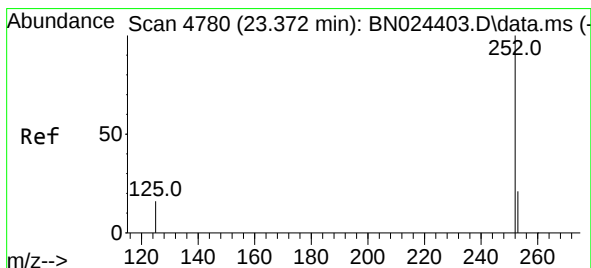
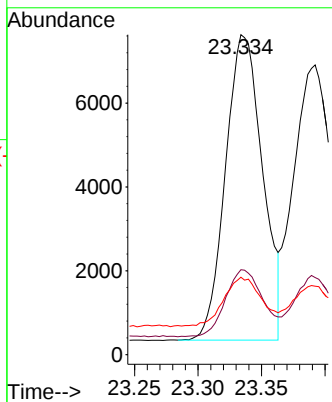
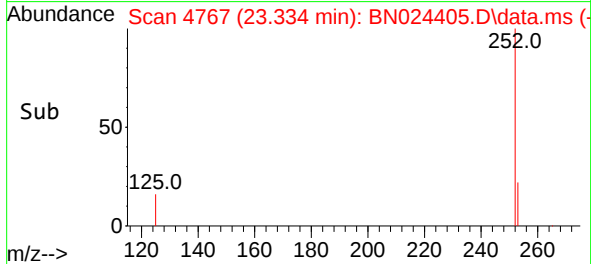
Instrument :
BNA_N
ClientSampleId :
SLCS451



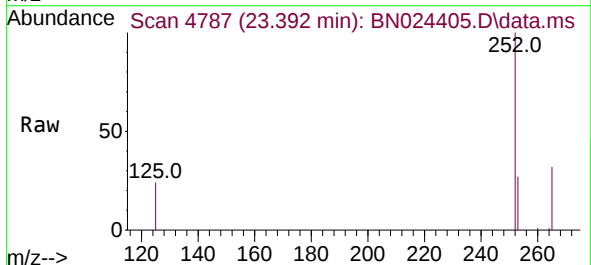
Tgt Ion:252 Resp: 14796
Ion Ratio Lower Upper
252 100
253 26.5 0.0 46.2
125 24.2 0.0 34.0

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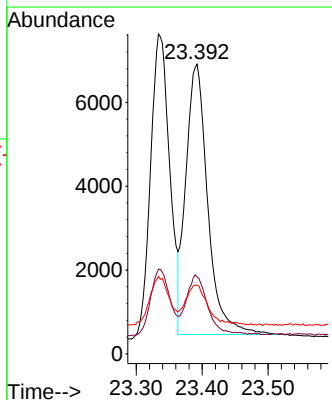
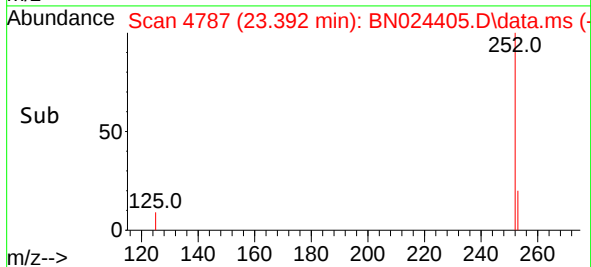
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

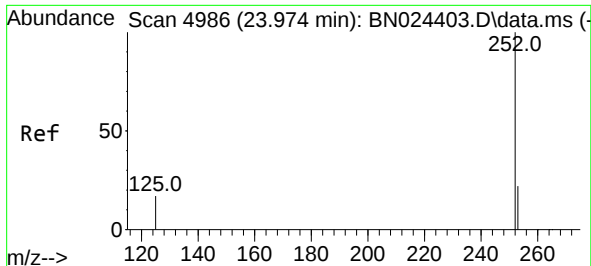


#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 23.392 min Scan# 4787
Delta R.T. 0.021 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08



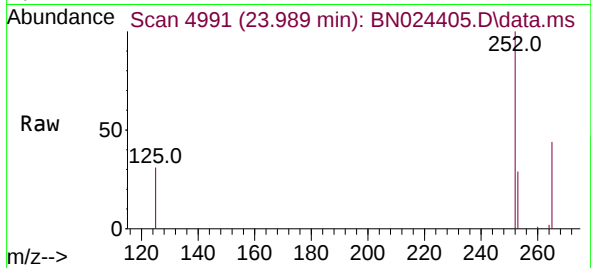
Tgt Ion:252 Resp: 14913
Ion Ratio Lower Upper
252 100
253 26.6 18.5 27.7
125 23.6 13.2 19.8#





#26
Benzo(a)pyrene
Concen: 0.318 ng/ul
RT: 23.989 min Scan# 4986
Delta R.T. 0.015 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

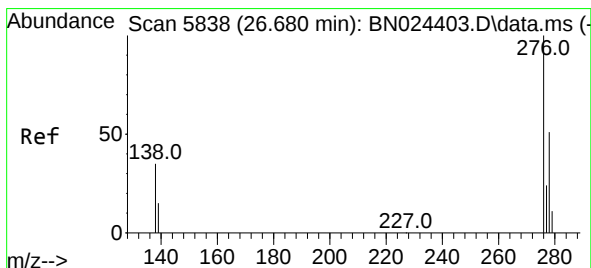
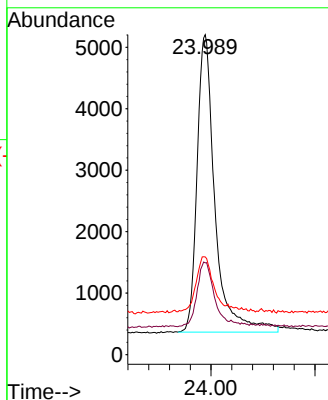
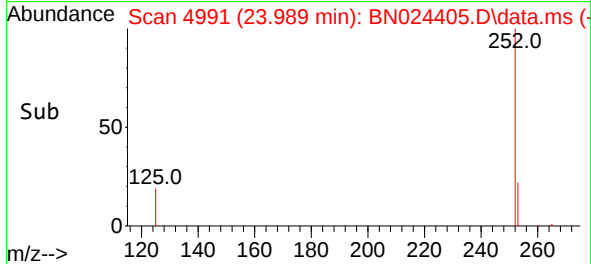
Instrument :
BNA_N
ClientSampleId :
SLCS451



Tgt Ion:252 Resp: 11601
Ion Ratio Lower Upper
252 100
253 28.7 19.2 28.8
125 30.5 15.8 23.6

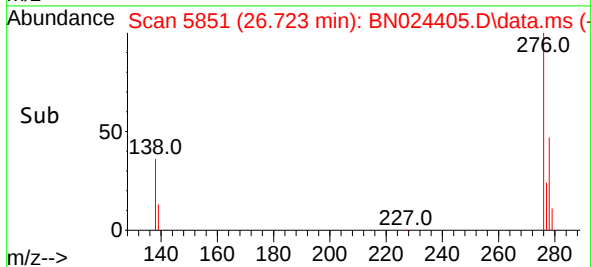
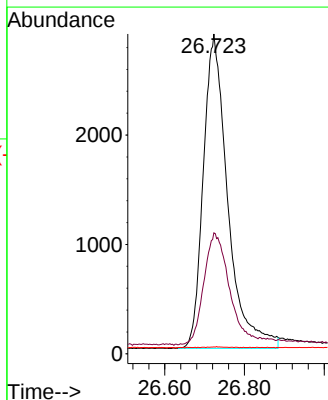
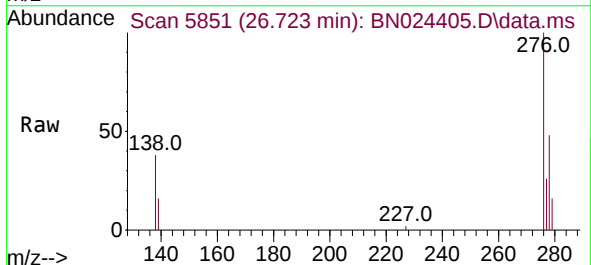
Manual Integrations
APPROVED

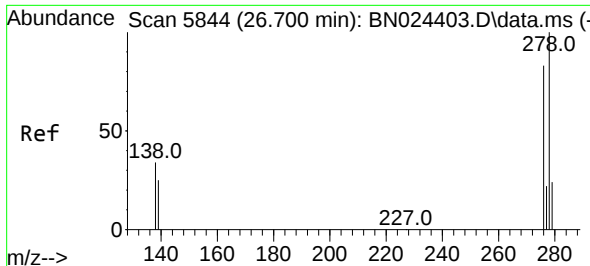
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.297 ng/ul
RT: 26.723 min Scan# 5851
Delta R.T. 0.044 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

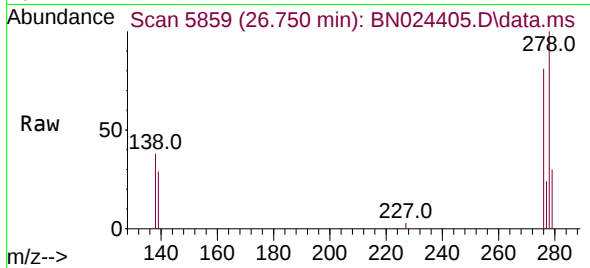
Tgt Ion:276 Resp: 12230
Ion Ratio Lower Upper
276 100
138 38.5 0.0 0.0#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.285 ng/ul
RT: 26.750 min Scan# 5844
Delta R.T. 0.050 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08

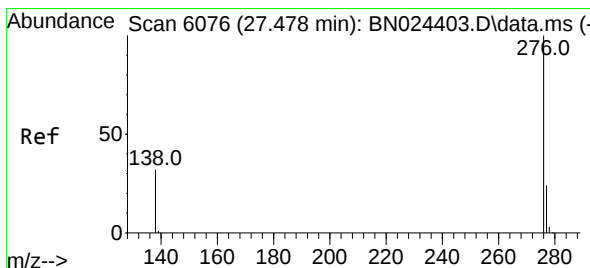
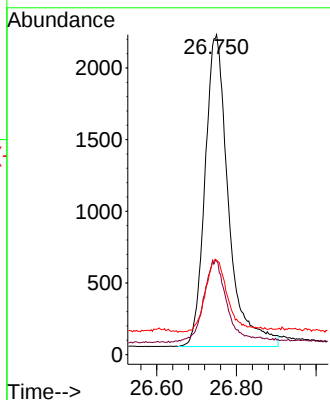
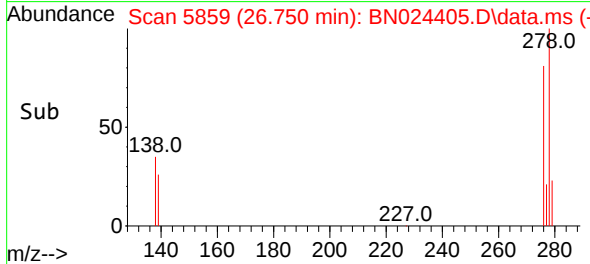
Instrument :
BNA_N
ClientSampleId :
SLCS451



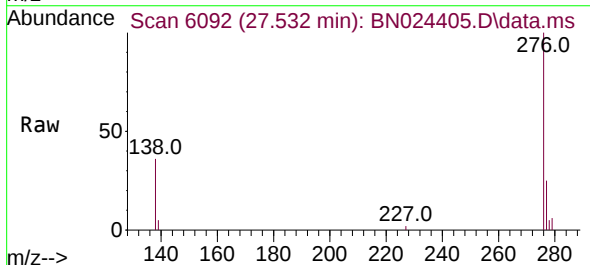
Tgt Ion:278 Resp: 8923
Ion Ratio Lower Upper
278 100
139 29.2 21.0 31.6
279 29.5 20.4 30.6

Manual Integrations
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Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#29
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul
RT: 27.532 min Scan# 6092
Delta R.T. 0.054 min
Lab File: BN024405.D
Acq: 20 Mar 2023 11:08



Tgt Ion:276 Resp: 11440
Ion Ratio Lower Upper
276 100
138 36.1 25.2 37.8
277 24.8 19.4 29.2

