

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024433.D
 Acq On : 21 Mar 2023 04:48
 Operator : CG/JU
 Sample : PB151455BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS455

Manual Integrations
 APPROVED

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

Quant Time: Mar 21 05:18:14 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 02:42:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	12949	0.400	ng/u1	0.00
4) Naphthalene-d8	10.850	136	39551	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.666	164	21541	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.413	188	43592	0.400	ng/u1	0.00
17) Chrysene-d12	21.600	240	30206	0.400	ng/u1	0.00
23) Perylene-d12	24.085	264	23000m	0.400	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	8118	0.570	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.429	152	15742	0.335	ng/u1	0.00
18) Fluoranthene-d10	19.436	212	28860	0.359	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	21096	1.361	ng/u1	91
5) Naphthalene	10.900	128	32116	0.325	ng/u1	100
7) 2-Methylnaphthalene	12.500	142	19906	0.332	ng/u1	100
8) 1-Methylnaphthalene	12.720	142	20846	0.331	ng/u1	100
10) Acenaphthylene	14.388	152	28281	0.315	ng/u1	100
11) Acenaphthene	14.731	153	21564	0.311	ng/u1	98
12) Fluorene	15.711	166	23812	0.308	ng/u1	98
14) Pentachlorophenol	17.058	266	5499	0.454	ng/u1#	73
15) Phenanthrene	17.455	178	38531	0.309	ng/u1	99
16) Anthracene	17.544	178	33547	0.306	ng/u1	100
19) Fluoranthene	19.464	202	41180	0.343	ng/u1	99
20) Pyrene	19.826	202	41536	0.341	ng/u1	99
21) Benzo(a)anthracene	21.583	228	31000	0.314	ng/u1	100
22) Chrysene	21.638	228	33081	0.318	ng/u1	100
24) Benzo(b)fluoranthene	23.322	252	29370	0.334	ng/u1	96
25) Benzo(k)fluoranthene	23.371	252	28998	0.318	ng/u1	95
26) Benzo(a)pyrene	23.974	252	23609	0.312	ng/u1	91
27) Indeno(1,2,3-cd)pyrene	26.676	276	26200	0.308	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.699	278	19893	0.307	ng/u1	97
29) Benzo(g,h,i)perylene	27.481	276	23404	0.317	ng/u1	98

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

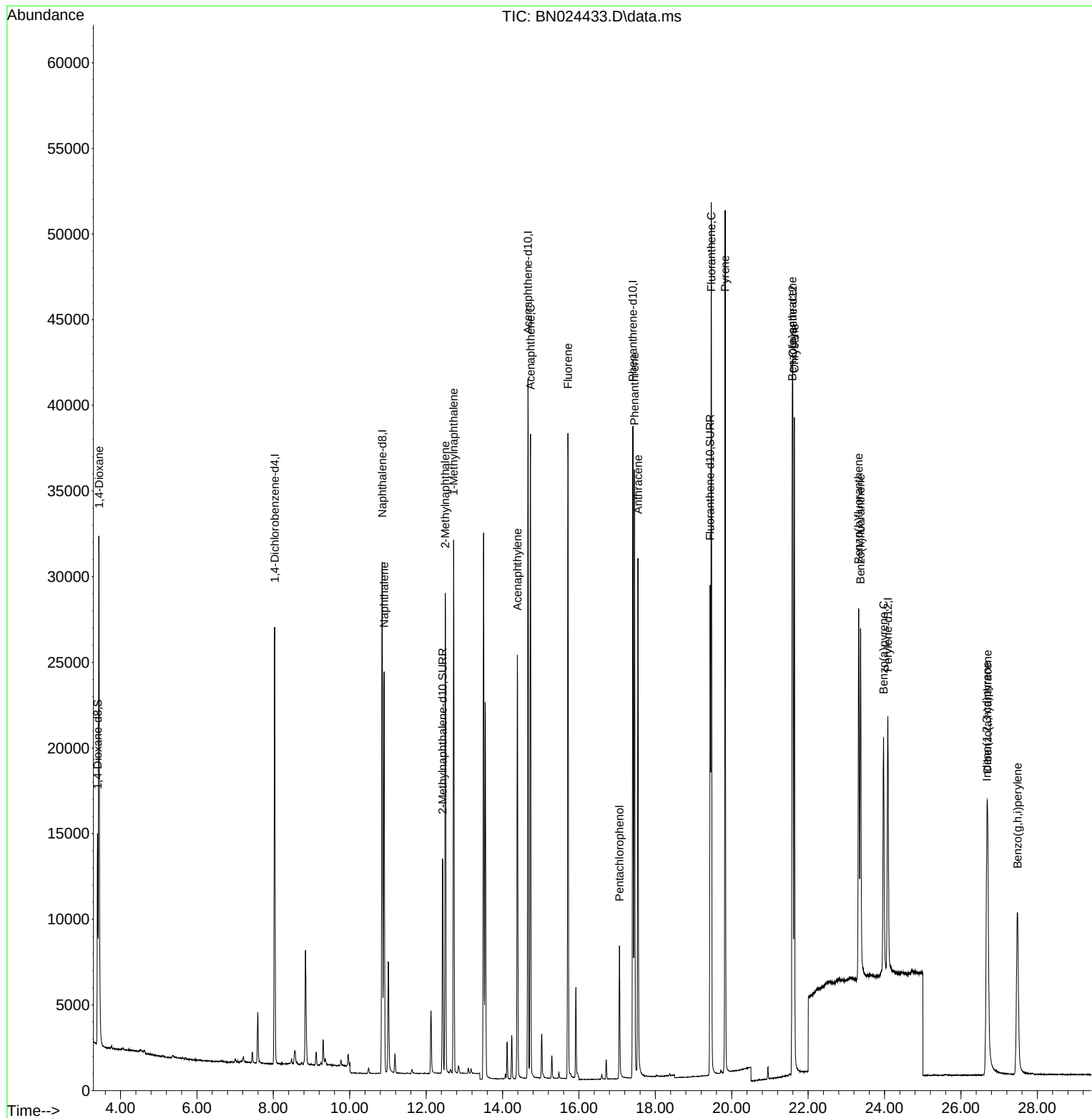
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
Data File : BN024433.D
Acq On : 21 Mar 2023 04:48
Operator : CG/JU
Sample : PB151455BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

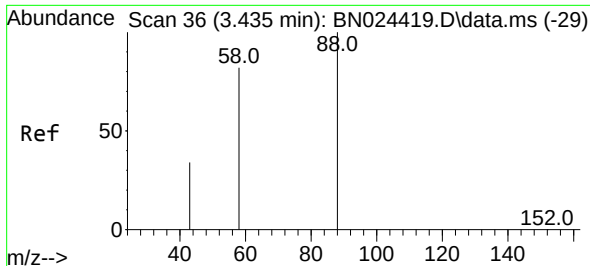
Instrument :
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Quant Time: Mar 21 05:18:14 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 02:42:36 2023
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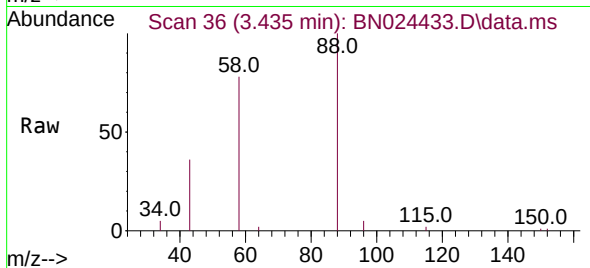
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023





#2
 1,4-Dioxane
 Concen: 1.361 ng/ul
 RT: 3.435 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN024433.D
 Acq: 21 Mar 2023 04:48

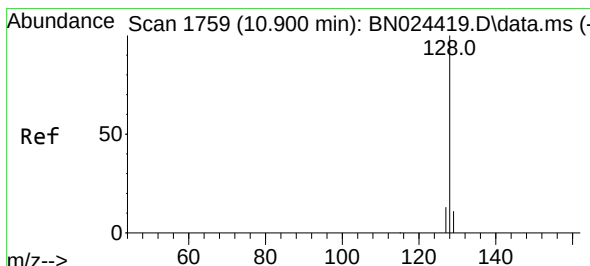
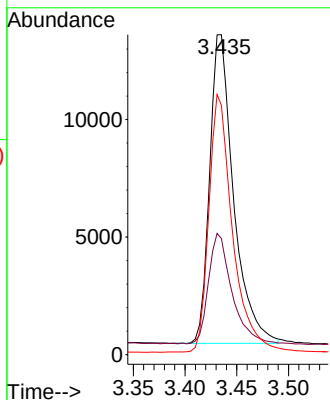
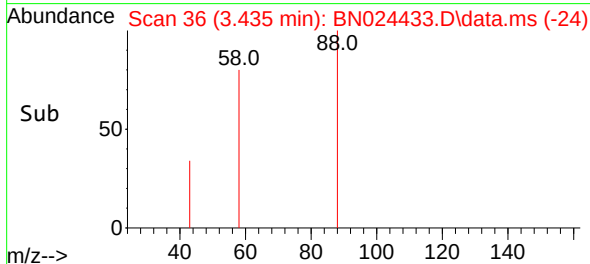
Instrument :
 BNA_N
 ClientSampleId :
 SLCS455



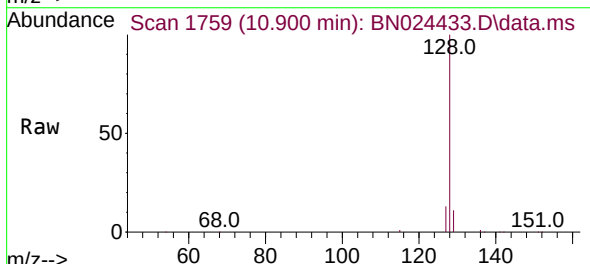
Tgt Ion: 88 Resp: 21096
 Ion Ratio Lower Upper
 88 100
 43 36.3 32.1 48.1
 58 77.9 55.1 82.7

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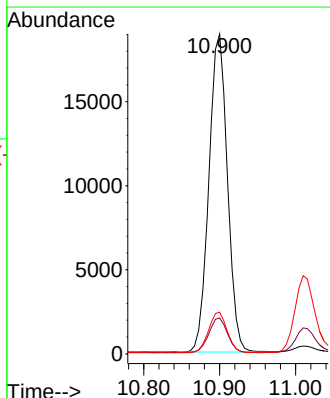
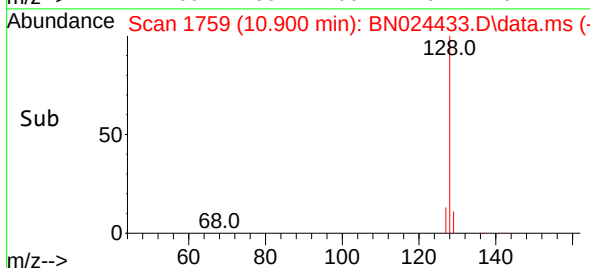
Reviewed By :Christian Giraldo 03/21/2023
 Supervised By :Jagrut Upadhyay 03/21/2023

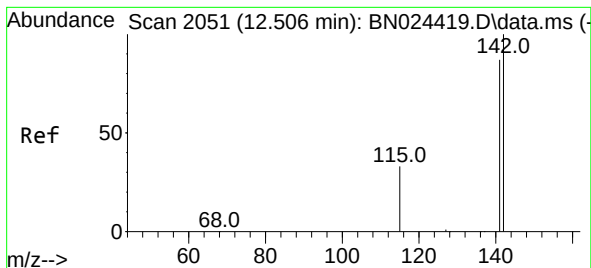


#5
 Naphthalene
 Concen: 0.325 ng/ul
 RT: 10.900 min Scan# 1759
 Delta R.T. 0.000 min
 Lab File: BN024433.D
 Acq: 21 Mar 2023 04:48



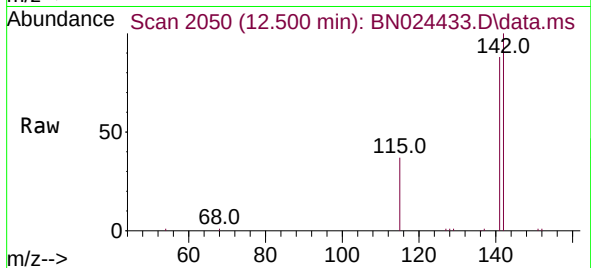
Tgt Ion:128 Resp: 32116
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.6
 127 13.0 10.5 15.7





#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN024433.D
Acq: 21 Mar 2023 04:48

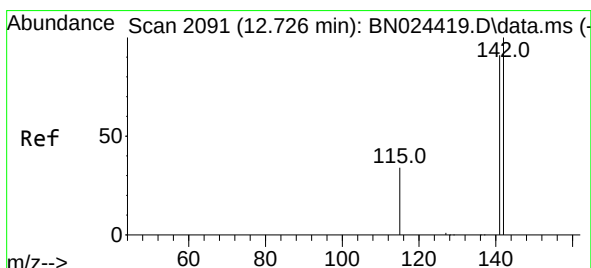
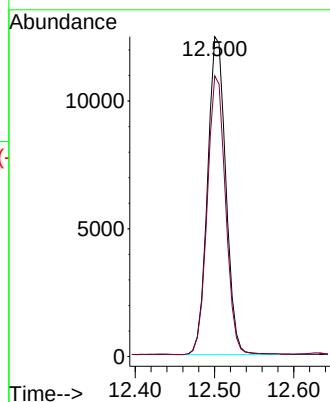
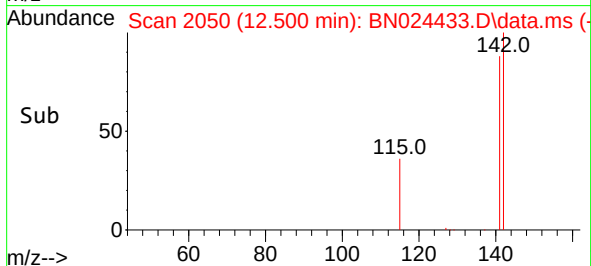
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 19906
Ion Ratio Lower Upper
142 100
141 87.6 70.3 105.5

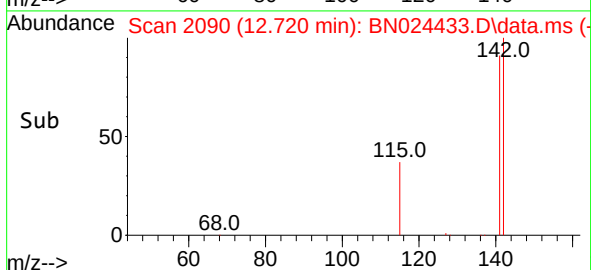
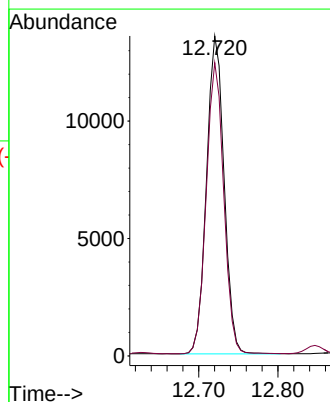
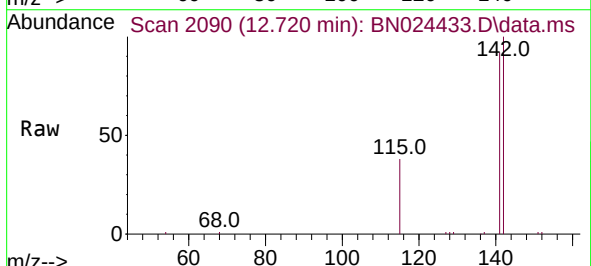
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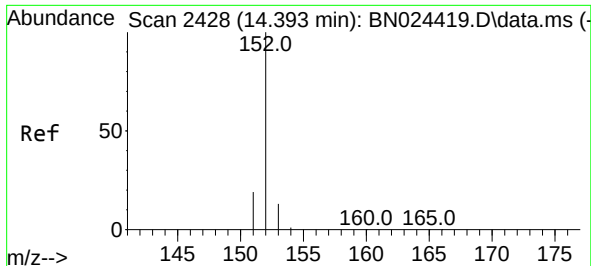
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#8
1-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BN024433.D
Acq: 21 Mar 2023 04:48

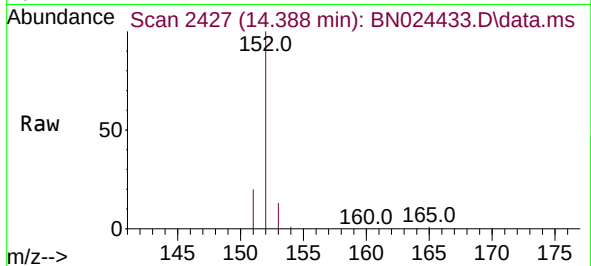
Tgt Ion:142 Resp: 20846
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.6





#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.388 min Scan# 2428
Delta R.T. -0.005 min
Lab File: BN024433.D
Acq: 21 Mar 2023 04:48

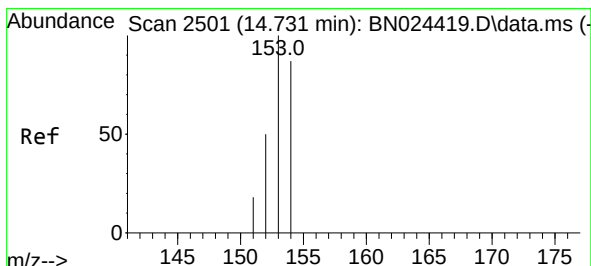
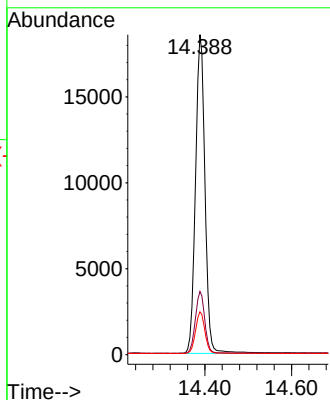
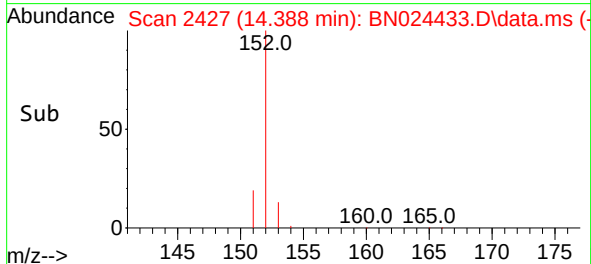
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 2828
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.4 10.6 16.0

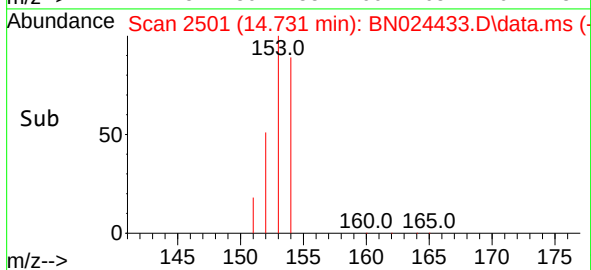
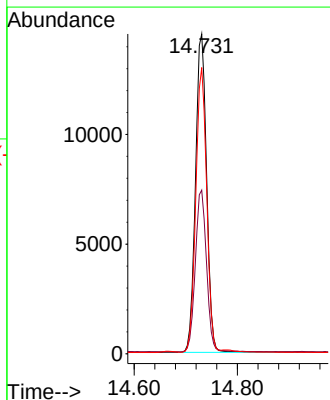
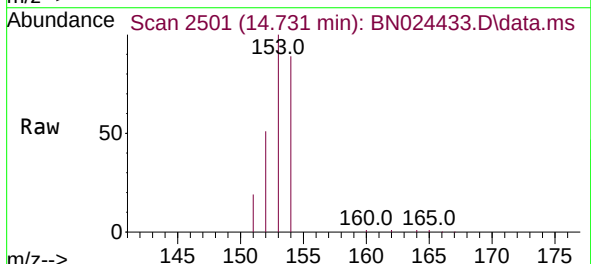
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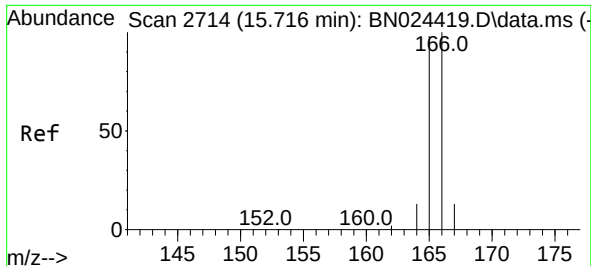
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#11
Acenaphthene
Concen: 0.311 ng/ul
RT: 14.731 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN024433.D
Acq: 21 Mar 2023 04:48

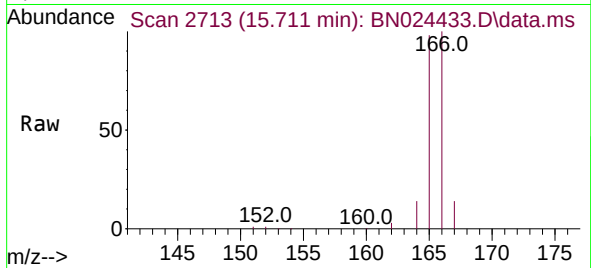
Tgt Ion:153 Resp: 21564
Ion Ratio Lower Upper
153 100
152 51.2 42.6 64.0
154 89.5 70.6 105.8





#12
Fluorene
Concen: 0.308 ng/ul
RT: 15.711 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN024433.D
Acq: 21 Mar 2023 04:48

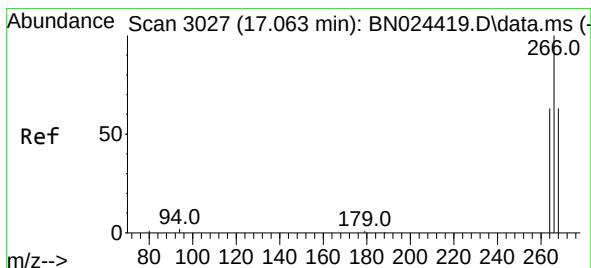
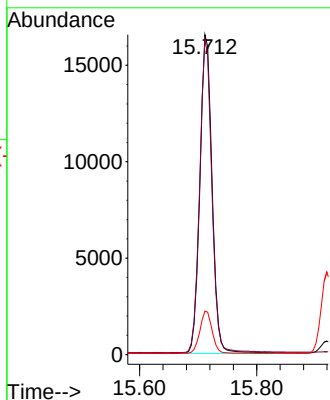
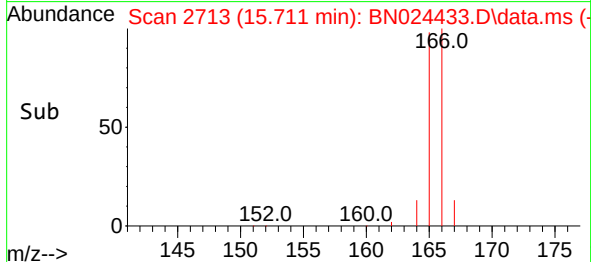
Instrument :
BNA_N
ClientSampleId :
SLCS455



Tgt Ion:166 Resp: 23812
Ion Ratio Lower Upper
166 100
165 98.5 77.4 116.0
167 13.6 10.9 16.3

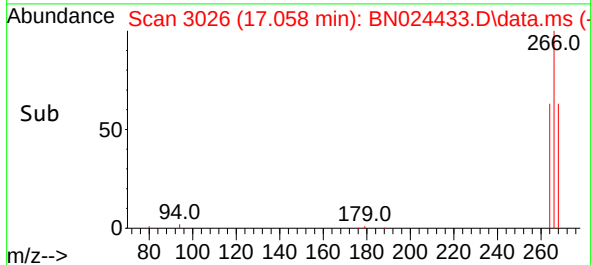
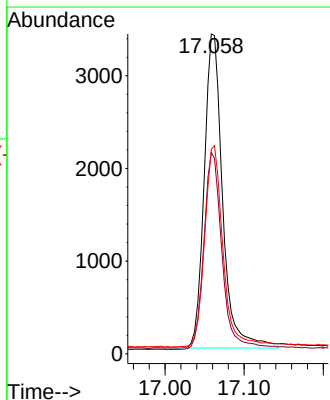
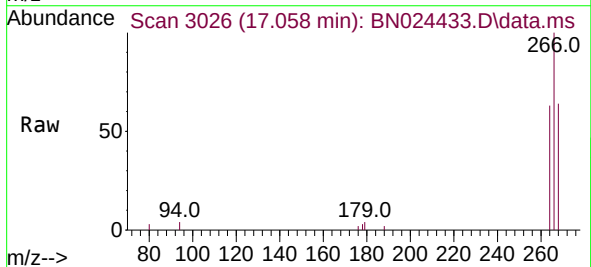
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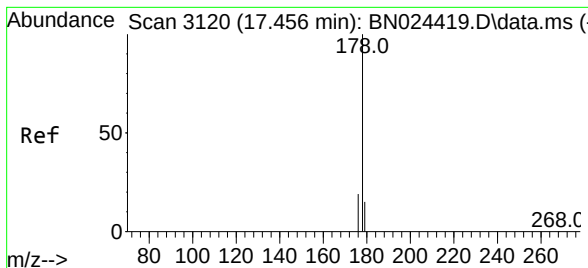
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#14
Pentachlorophenol
Concen: 0.454 ng/ul
RT: 17.058 min Scan# 3026
Delta R.T. -0.004 min
Lab File: BN024433.D
Acq: 21 Mar 2023 04:48

Tgt Ion:266 Resp: 5499
Ion Ratio Lower Upper
266 100
264 62.5 0.0 0.0#
268 64.3 0.1 0.1#





#15

Phenanthrene

Concen: 0.309 ng/u1

RT: 17.455 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BN024433.D

Acq: 21 Mar 2023 04:48

Instrument :

BNA_N

ClientSampleId :

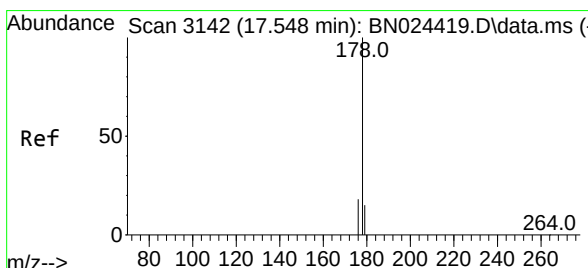
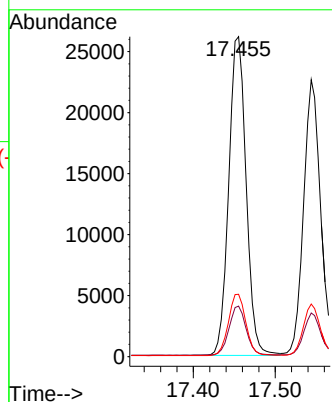
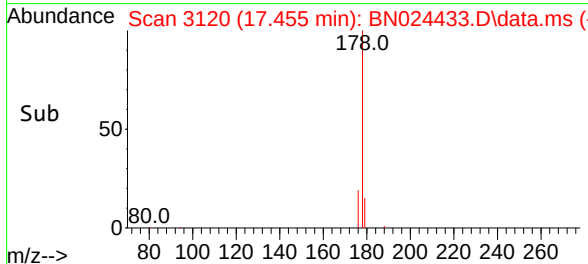
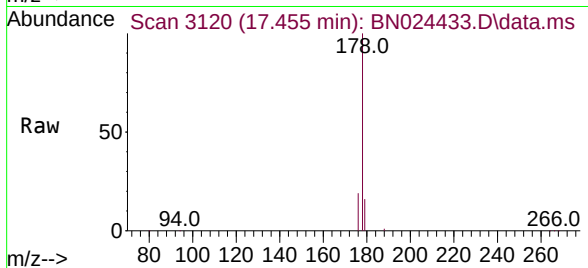
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Tgt Ion:178	Resp:	3853
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.2 18.2
176	19.5	15.7 23.5

Manual Integrations

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



#16

Anthracene

Concen: 0.306 ng/u1

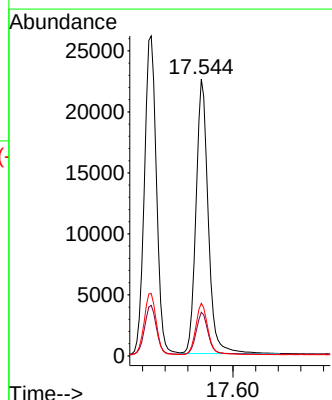
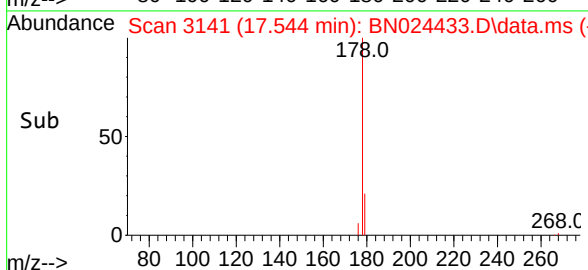
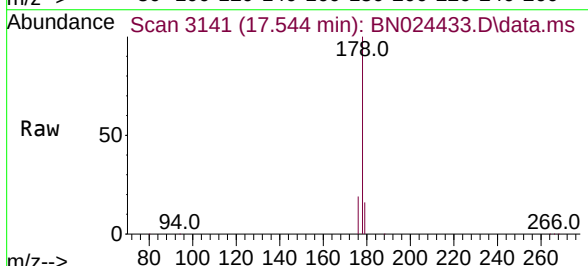
RT: 17.544 min Scan# 3141

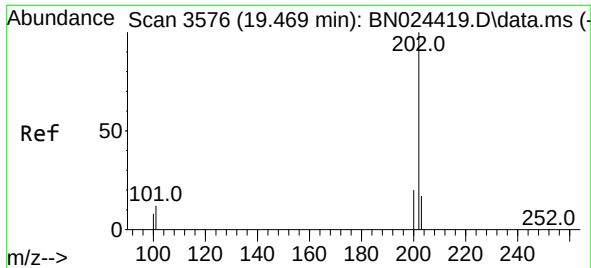
Delta R.T. -0.004 min

Lab File: BN024433.D

Acq: 21 Mar 2023 04:48

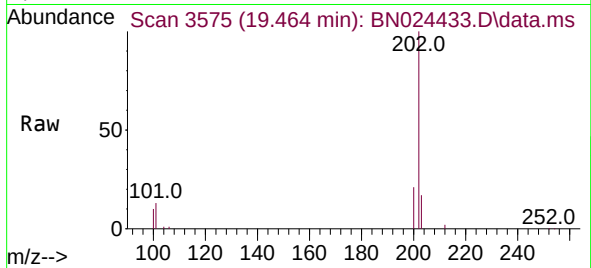
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Ion Ratio	Lower	Upper
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179	15.7	12.3 18.5
176	19.0	15.3 22.9





#19
Fluoranthene
Concen: 0.343 ng/ul
RT: 19.464 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN024433.D
Acq: 21 Mar 2023 04:48

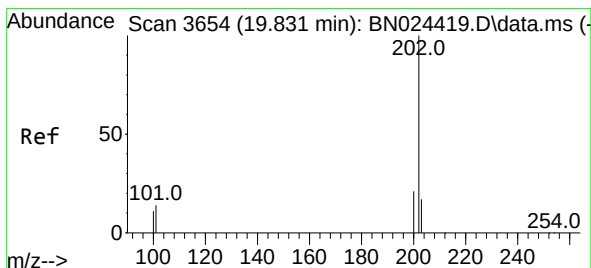
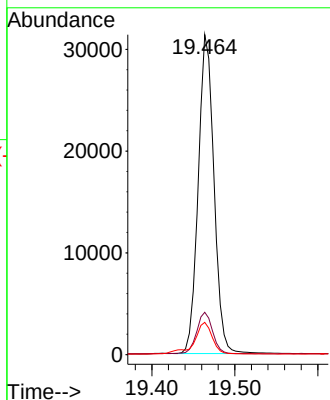
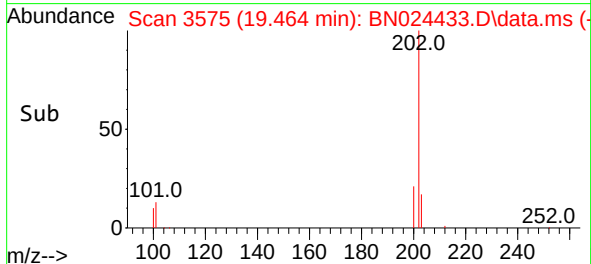
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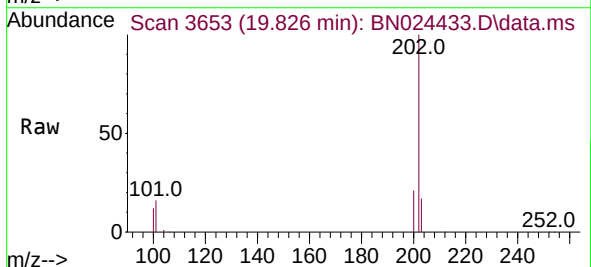
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Ion Ratio Lower Upper
202 100
101 13.2 10.4 15.6
100 10.1 7.7 11.5

Manual Integrations
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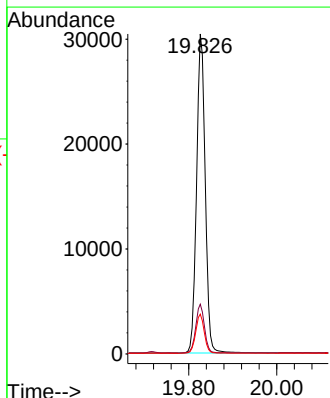
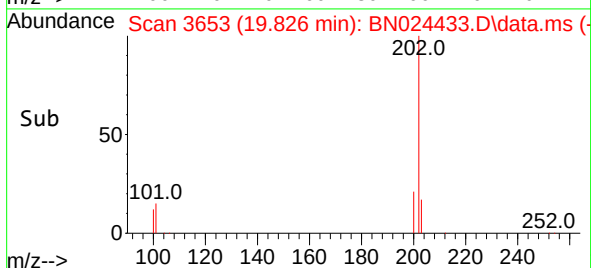
Reviewed By :Christian Giraldo 03/21/2023
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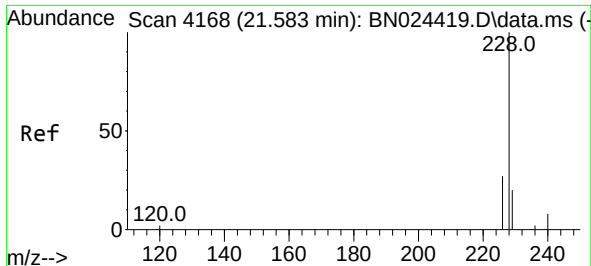


#20
Pyrene
Concen: 0.341 ng/ul
RT: 19.826 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN024433.D
Acq: 21 Mar 2023 04:48



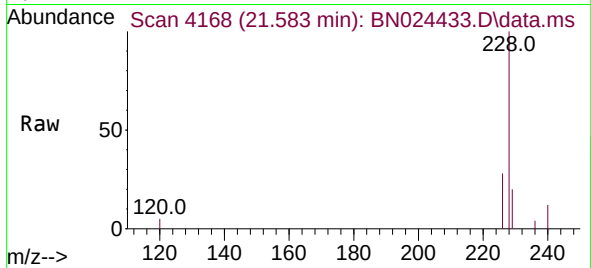
Tgt Ion:202 Resp: 41536
Ion Ratio Lower Upper
202 100
101 15.5 12.1 18.1
100 12.4 9.4 14.0





#21
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.583 min Scan# 4168
Delta R.T. -0.000 min
Lab File: BN024433.D
Acq: 21 Mar 2023 04:48

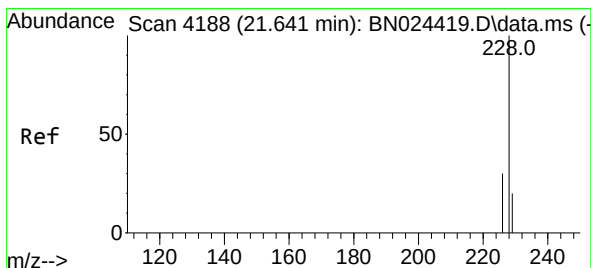
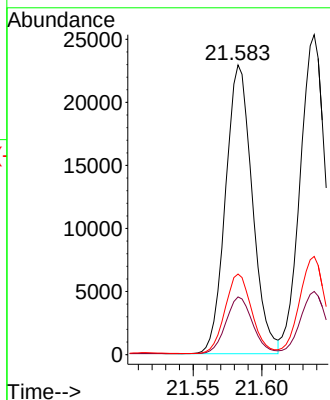
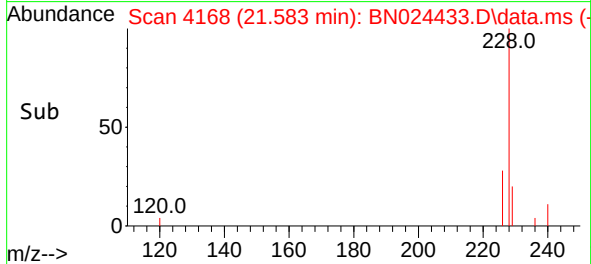
Instrument :
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ClientSampleId :
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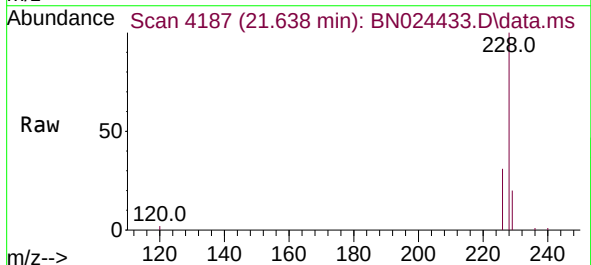
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Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 27.8 22.2 33.4

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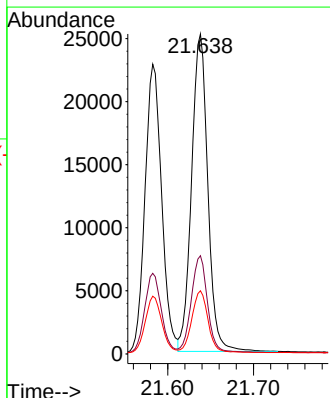
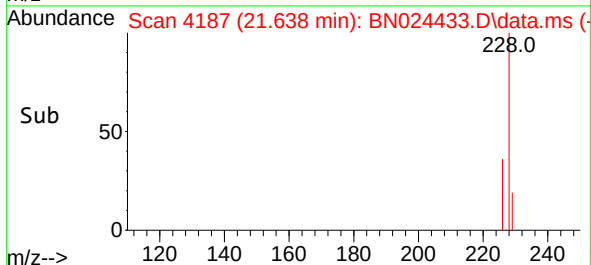
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023

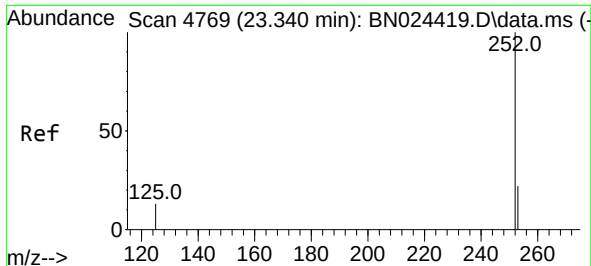


#22
Chrysene
Concen: 0.318 ng/ul
RT: 21.638 min Scan# 4187
Delta R.T. -0.003 min
Lab File: BN024433.D
Acq: 21 Mar 2023 04:48



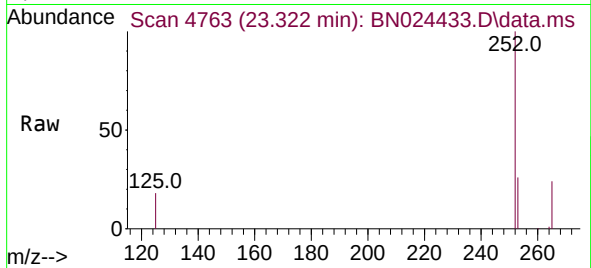
Tgt Ion:228 Resp: 33081
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 19.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.334 ng/ul
RT: 23.322 min Scan# 4763
Delta R.T. -0.018 min
Lab File: BN024433.D
Acq: 21 Mar 2023 04:48

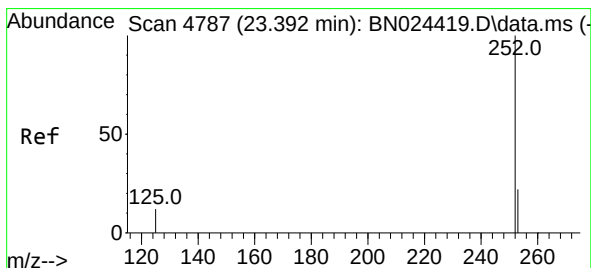
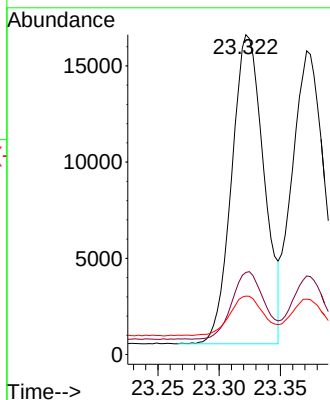
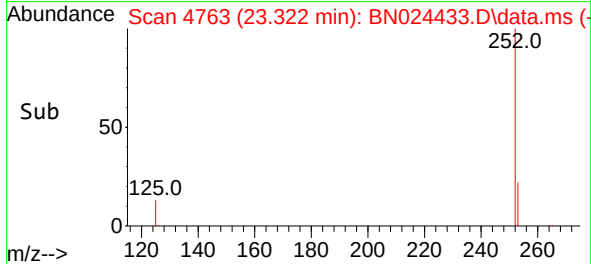
Instrument :
BNA_N
ClientSampleId :
SLCS455



Tgt Ion:252 Resp: 29376
Ion Ratio Lower Upper
252 100
253 25.7 0.0 46.2
125 18.3 0.0 34.0

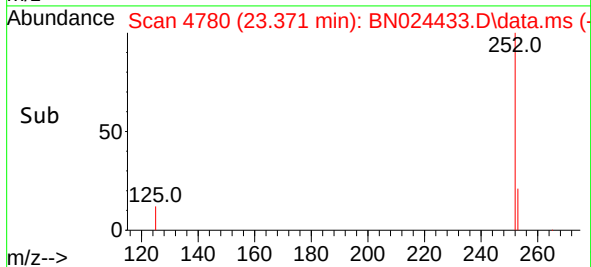
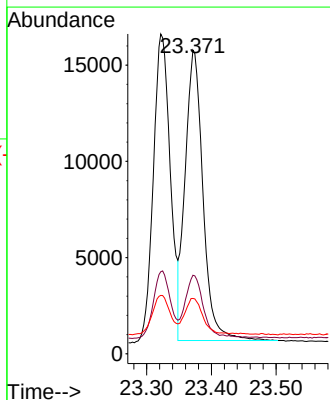
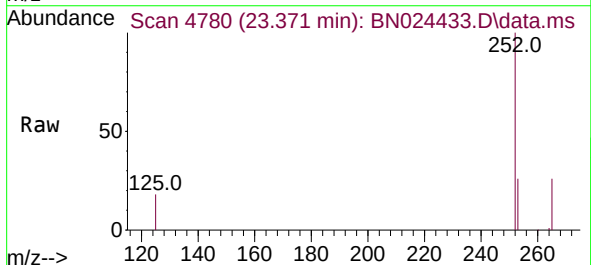
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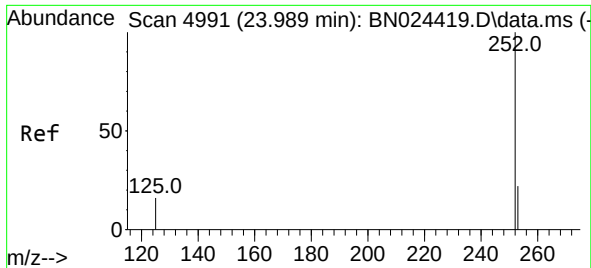
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#25
Benzo(k)fluoranthene
Concen: 0.318 ng/ul
RT: 23.371 min Scan# 4780
Delta R.T. -0.021 min
Lab File: BN024433.D
Acq: 21 Mar 2023 04:48

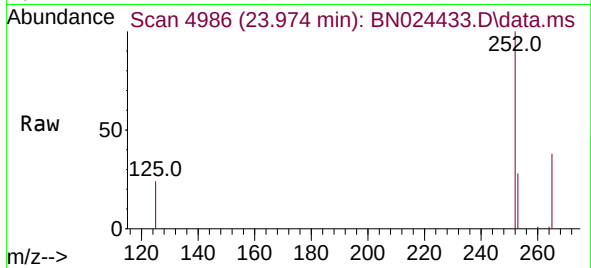
Tgt Ion:252 Resp: 28998
Ion Ratio Lower Upper
252 100
253 25.9 18.5 27.7
125 18.3 13.2 19.8





#26
Benzo(a)pyrene
Concen: 0.312 ng/ul
RT: 23.974 min Scan# 4991
Delta R.T. -0.015 min
Lab File: BN024433.D
Acq: 21 Mar 2023 04:48

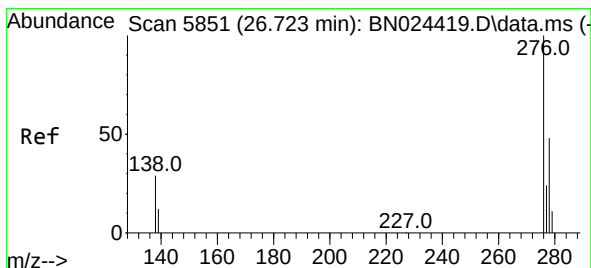
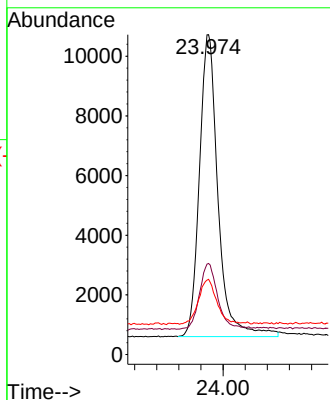
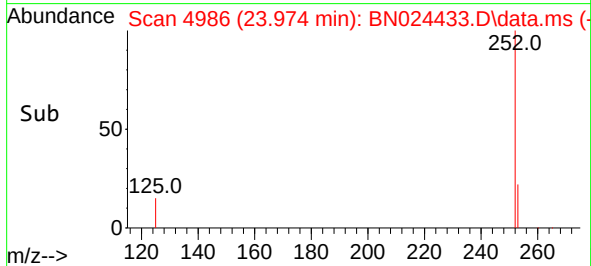
Instrument :
BNA_N
ClientSampleId :
SLCS455



Tgt Ion:252 Resp: 23609
Ion Ratio Lower Upper
252 100
253 28.5 19.2 28.8
125 23.5 15.8 23.6

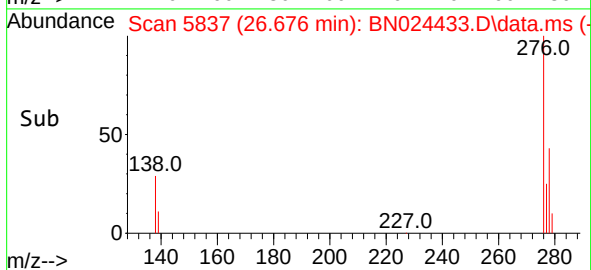
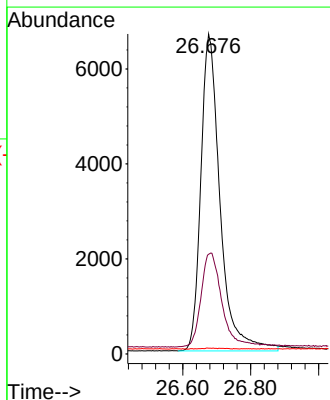
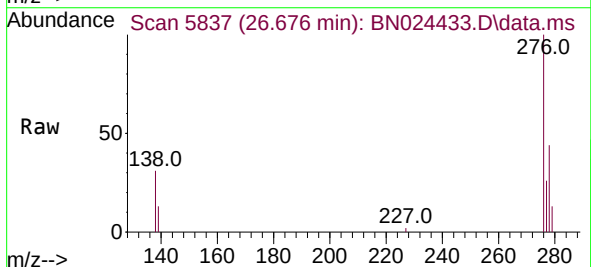
Manual Integrations
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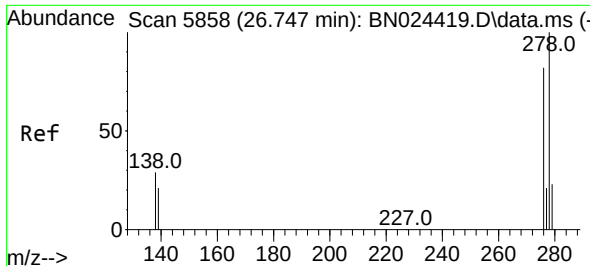
Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.308 ng/ul
RT: 26.676 min Scan# 5837
Delta R.T. -0.047 min
Lab File: BN024433.D
Acq: 21 Mar 2023 04:48

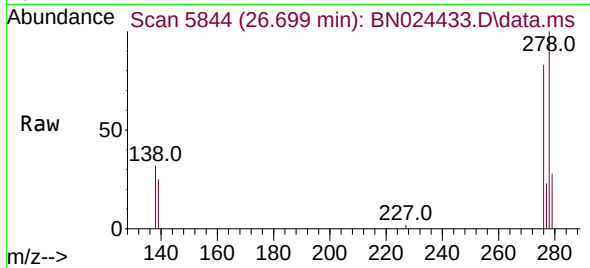
Tgt Ion:276 Resp: 26200
Ion Ratio Lower Upper
276 100
138 32.8 0.0 0.0#
227 0.2 0.0 0.0#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.307 ng/ul
 RT: 26.699 min Scan# 5858
 Delta R.T. -0.047 min
 Lab File: BN024433.D
 Acq: 21 Mar 2023 04:48

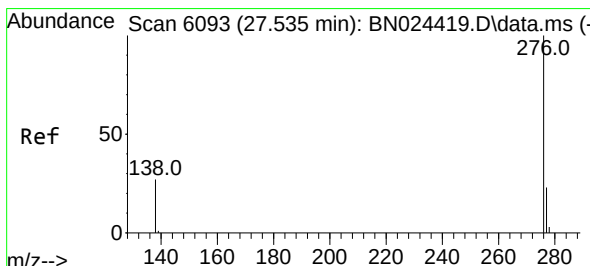
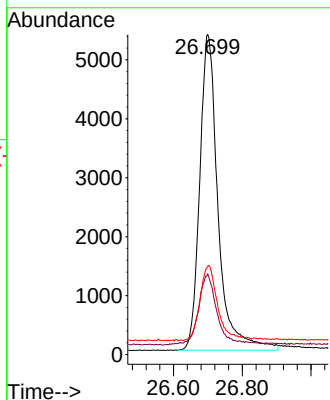
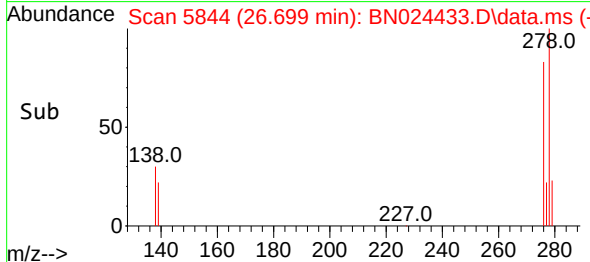
Instrument :
 BNA_N
 ClientSampleId :
 SLCS455



Tgt Ion:278 Resp: 19893
 Ion Ratio Lower Upper
 278 100
 139 25.2 21.0 31.6
 279 27.6 20.4 30.6

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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: 0.317 ng/ul
 RT: 27.481 min Scan# 6077
 Delta R.T. -0.054 min
 Lab File: BN024433.D
 Acq: 21 Mar 2023 04:48

Tgt Ion:276 Resp: 23404
 Ion Ratio Lower Upper
 276 100
 138 29.2 25.2 37.8
 277 24.4 19.4 29.2

