

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024199.D
 Acq On : 09 Mar 2023 14:44
 Operator : CG/JU
 Sample : PB151238BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS238

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2023
 Supervised By : Jagrut Upadhyay 03/10/2023

Quant Time: Mar 10 02:24:04 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 : Thu Mar 09 08:02:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	7692	0.400	ng/u1	0.00
4) Naphthalene-d8	10.872	136	22649	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.689	164	12174	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.430	188	25208	0.400	ng/u1	0.00
17) Chrysene-d12	21.621	240	17922	0.400	ng/u1	0.00
23) Perylene-d12	24.141	264	14117m	0.400	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	4146	0.490	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.456	152	7409	0.275	ng/u1	0.00
18) Fluoranthene-d10	19.455	212	13558	0.284	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	10426	1.132	ng/u1	91
5) Naphthalene	10.922	128	301477	5.333	ng/u1	99
7) 2-Methylnaphthalene	12.528	142	24574	0.716	ng/u1	100
8) 1-Methylnaphthalene	12.742	142	19832	0.550	ng/u1	100
10) Acenaphthylene	14.411	152	14523	0.286	ng/u1	99
11) Acenaphthene	14.749	153	23675	0.605	ng/u1	99
12) Fluorene	15.734	166	17334	0.397	ng/u1	99
14) Pentachlorophenol	17.076	266	4702	0.672	ng/u1#	73
15) Phenanthrene	17.472	178	26644	0.369	ng/u1	99
16) Anthracene	17.565	178	16493	0.260	ng/u1	100
19) Fluoranthene	19.487	202	19489	0.273	ng/u1	99
20) Pyrene	19.845	202	20203	0.279	ng/u1	97
21) Benzo(a)anthracene	21.603	228	15110	0.258	ng/u1	99
22) Chrysene	21.659	228	16599	0.269	ng/u1	99
24) Benzo(b)fluoranthene	23.366	252	14767	0.274	ng/u1	96
25) Benzo(k)fluoranthene	23.416	252	15046	0.269	ng/u1	95
26) Benzo(a)pyrene	24.018	252	12092	0.261	ng/u1	93
27) Indeno(1,2,3-cd)pyrene	26.774	276	12113	0.232	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.797	278	8779	0.221	ng/u1	98
29) Benzo(g,h,i)perylene	27.586	276	11061	0.244	ng/u1	99

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

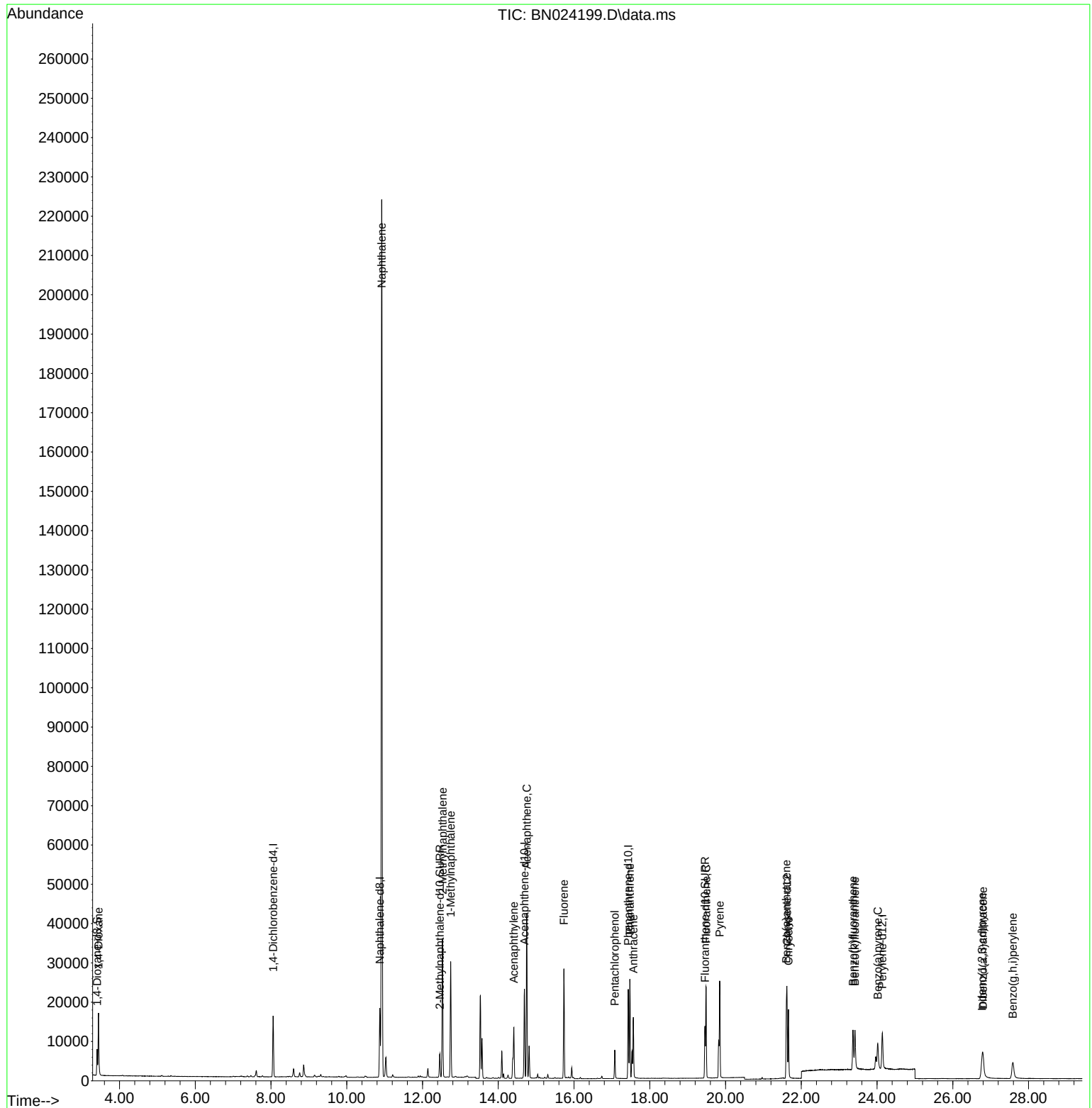
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
Data File : BN024199.D
Acq On : 09 Mar 2023 14:44
Operator : CG/JU
Sample : PB151238BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

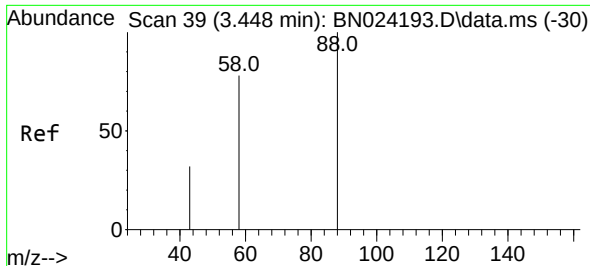
Instrument :
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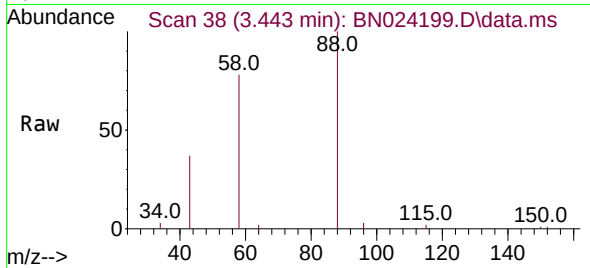
Quant Time: Mar 10 02:24:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 08:02:24 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.132 ng/ul
RT: 3.443 min Scan# 38
Delta R.T. -0.004 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

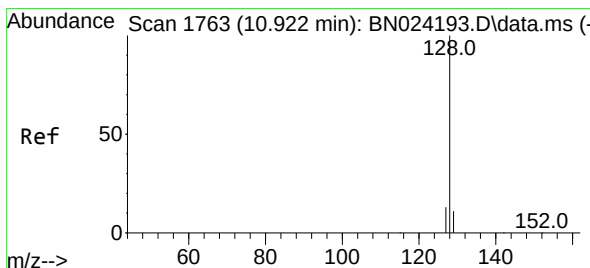
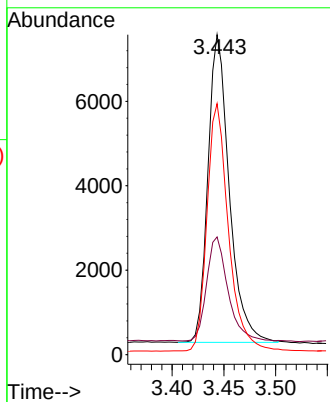
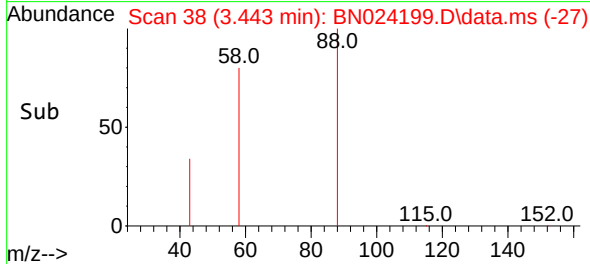
Instrument :
BNA_N
ClientSampleId :
SLCS238



Tgt Ion: 88 Resp: 10426
Ion Ratio Lower Upper
88 100
43 36.8 32.1 48.1
58 78.4 55.1 82.7

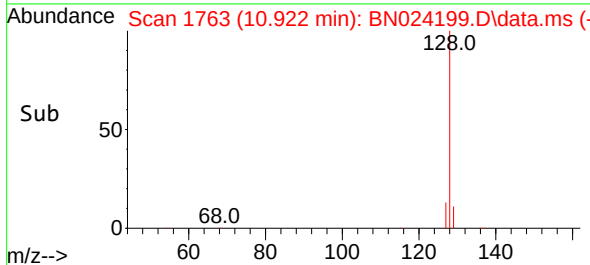
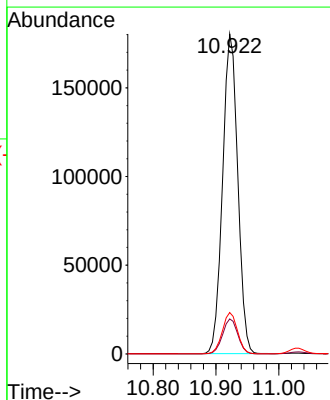
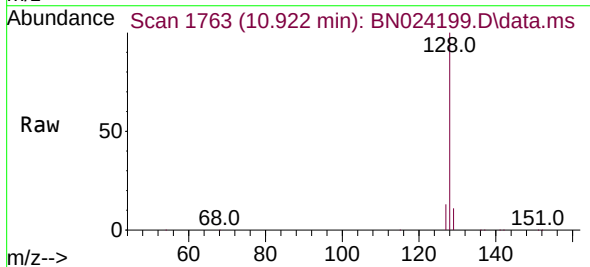
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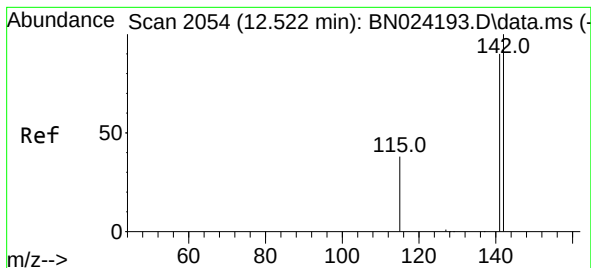
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#5
Naphthalene
Concen: 5.333 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

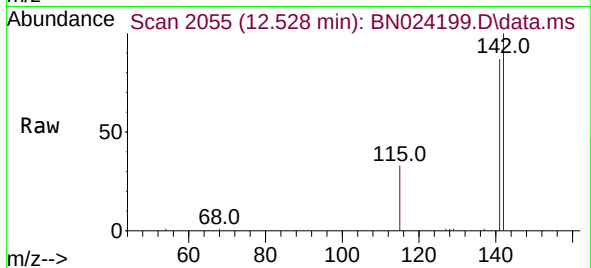
Tgt Ion:128 Resp: 301477
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.9 10.5 15.7





#7
2-Methylnaphthalene
Concen: 0.716 ng/ul
RT: 12.528 min Scan# 2054
Delta R.T. 0.006 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

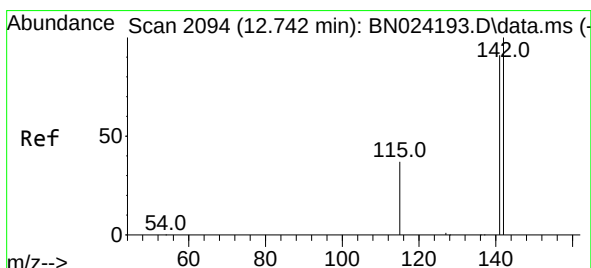
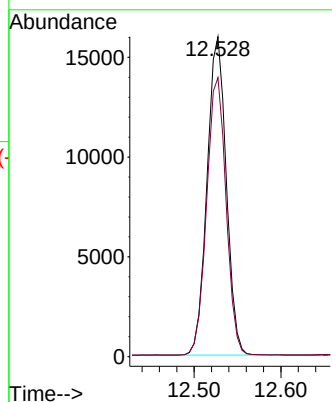
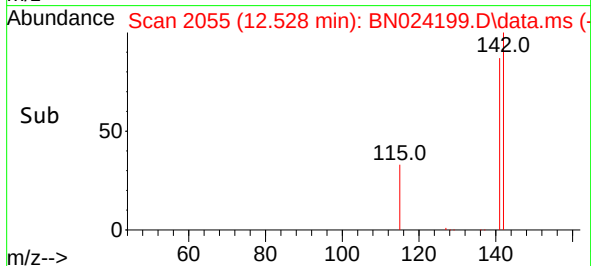
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ClientSampleId :
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Tgt Ion:142 Resp: 24574
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5

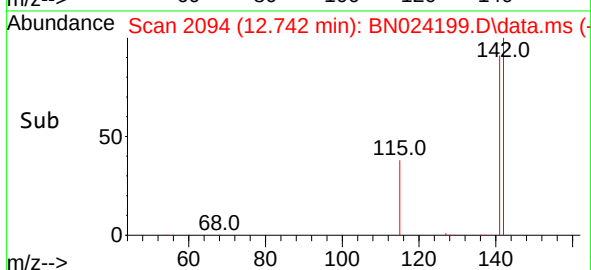
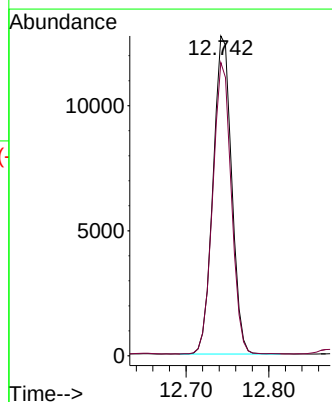
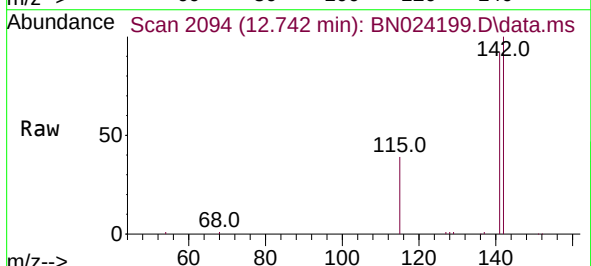
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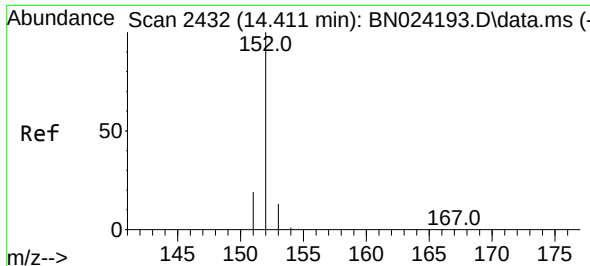
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#8
1-Methylnaphthalene
Concen: 0.550 ng/ul
RT: 12.742 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

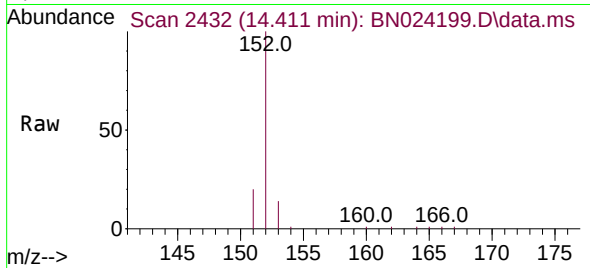
Tgt Ion:142 Resp: 19832
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.6





#10
Acenaphthylene
Concen: 0.286 ng/ul
RT: 14.411 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

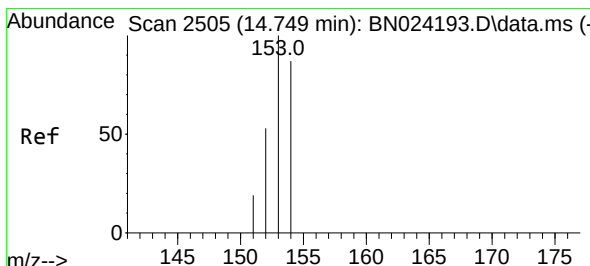
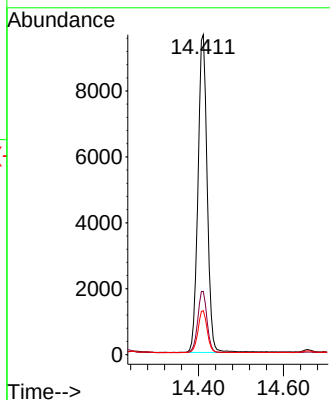
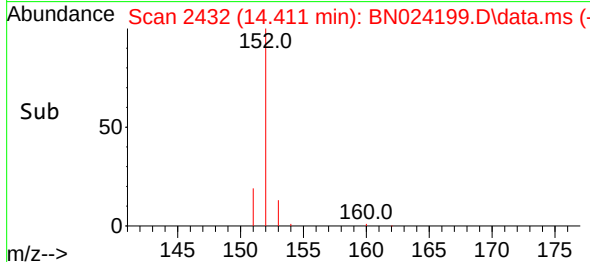
Instrument :
BNA_N
ClientSampleId :
SLCS238



Tgt Ion:152 Resp: 14523
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.7 10.6 16.0

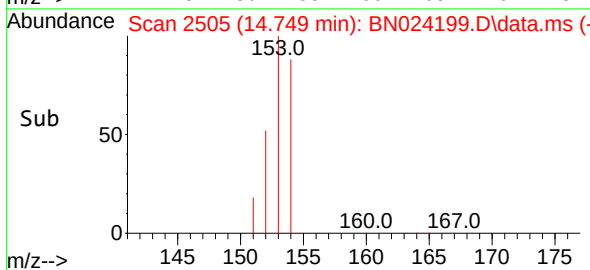
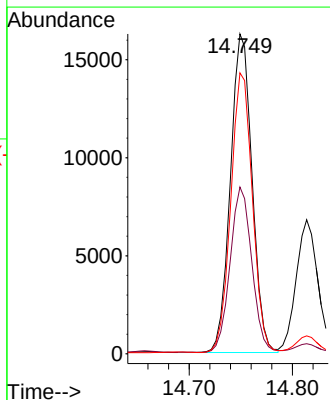
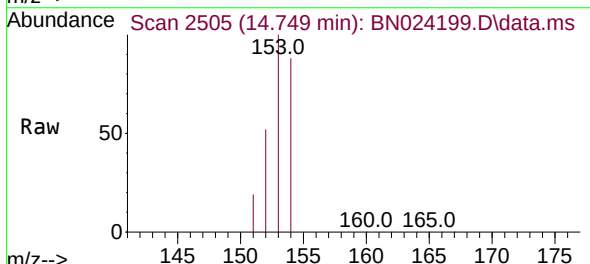
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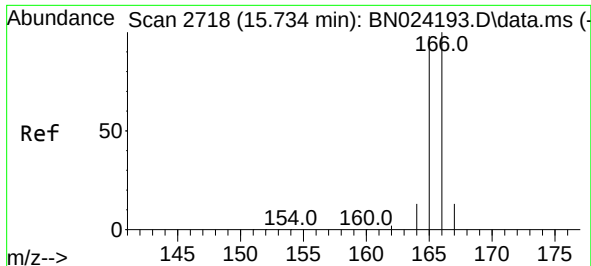
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#11
Acenaphthene
Concen: 0.605 ng/ul
RT: 14.749 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

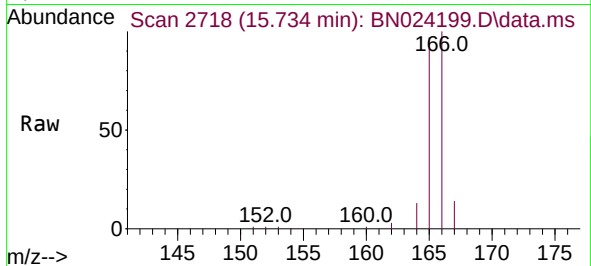
Tgt Ion:153 Resp: 23675
Ion Ratio Lower Upper
153 100
152 52.1 42.6 64.0
154 87.8 70.6 105.8





#12
Fluorene
Concen: 0.397 ng/ul
RT: 15.734 min Scan# 2718
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

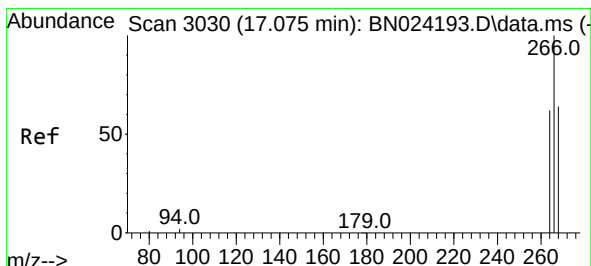
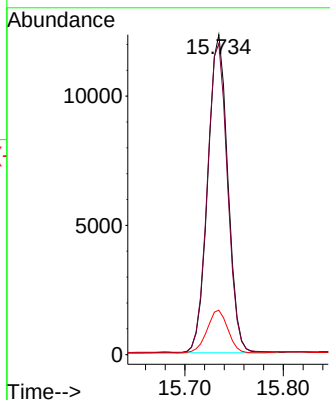
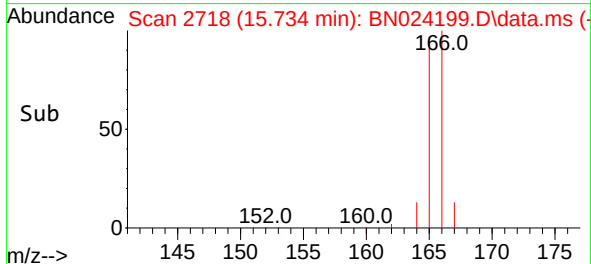
Instrument :
BNA_N
ClientSampleId :
SLCS238



Tgt Ion:166 Resp: 17334
Ion Ratio Lower Upper
166 100
165 97.2 77.4 116.0
167 13.9 10.9 16.3

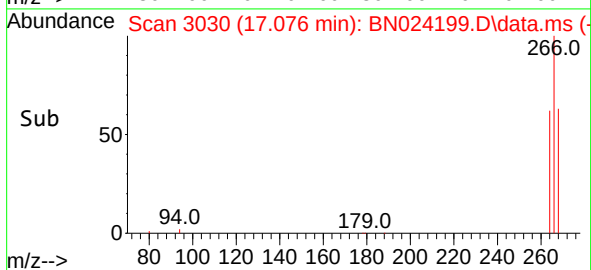
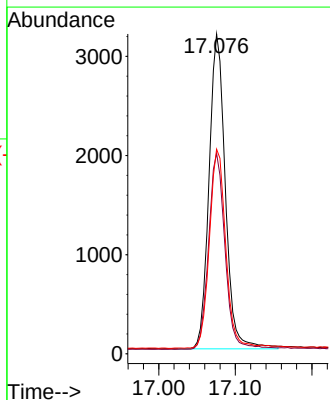
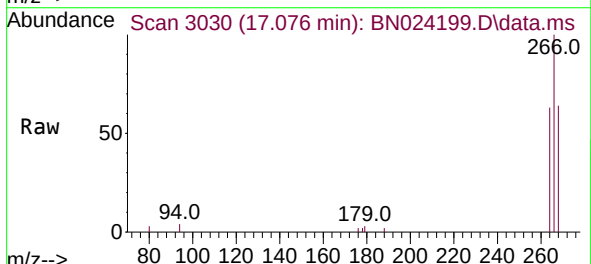
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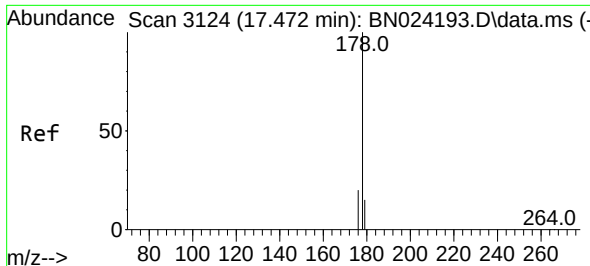
Reviewed By :Christian Giraldo 03/10/2023
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#14
Pentachlorophenol
Concen: 0.672 ng/ul
RT: 17.076 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

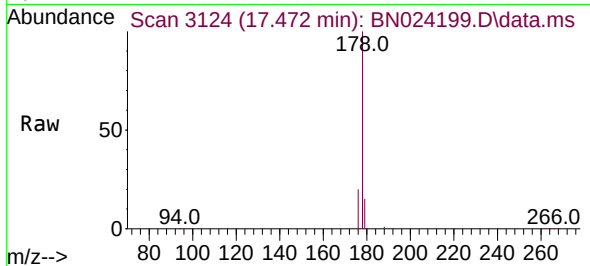
Tgt Ion:266 Resp: 4702
Ion Ratio Lower Upper
266 100
264 62.5 0.0 0.0#
268 63.8 0.1 0.1#





#15
Phenanthrene
Concen: 0.369 ng/ul
RT: 17.472 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

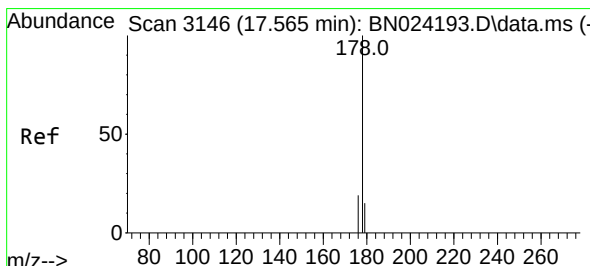
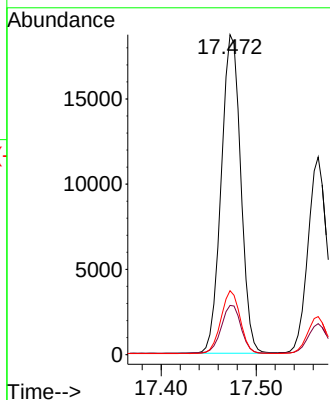
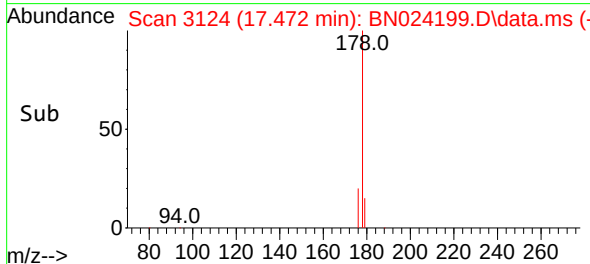
Instrument :
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SLCS238



Tgt Ion:178 Resp: 26644
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 20.0 15.7 23.5

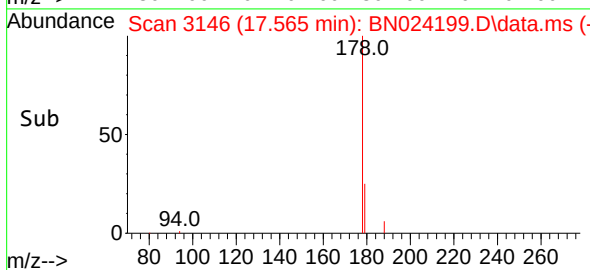
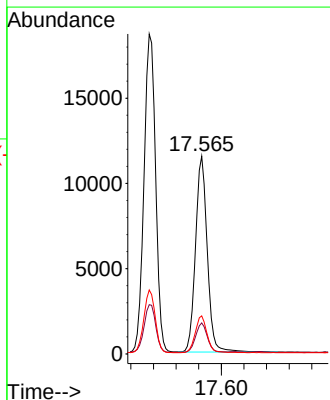
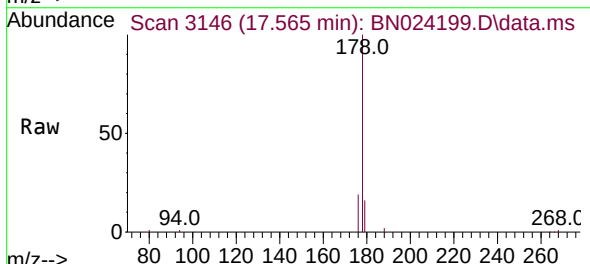
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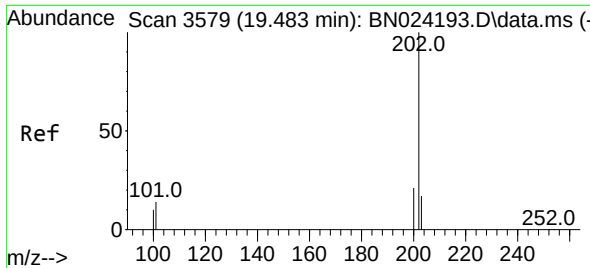
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#16
Anthracene
Concen: 0.260 ng/ul
RT: 17.565 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

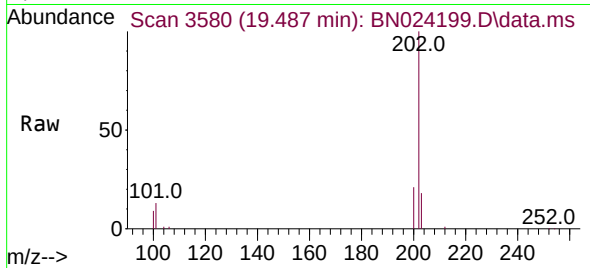
Tgt Ion:178 Resp: 16493
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.2 15.3 22.9





#19
Fluoranthene
Concen: 0.273 ng/u1
RT: 19.487 min Scan# 3580
Delta R.T. 0.005 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

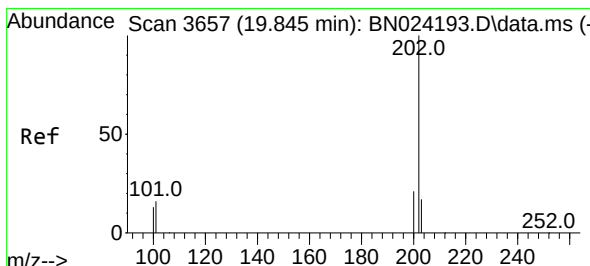
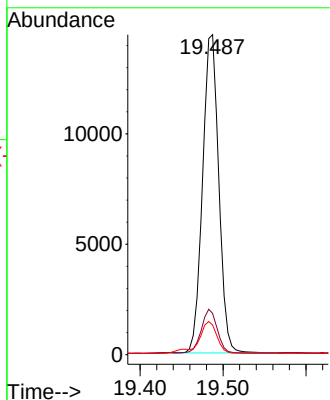
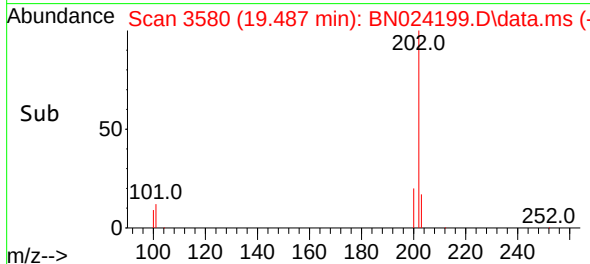
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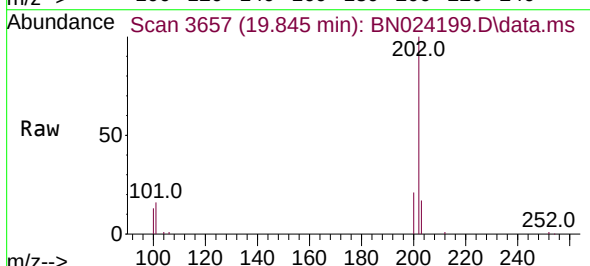
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Ion Ratio Lower Upper
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101 12.9 10.4 15.6
100 9.3 7.7 11.5

Manual Integrations
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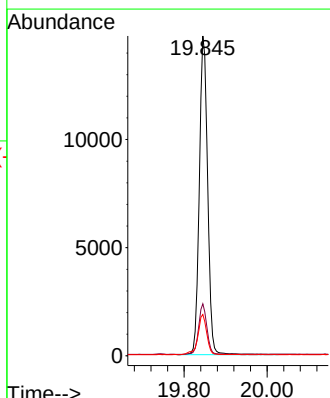
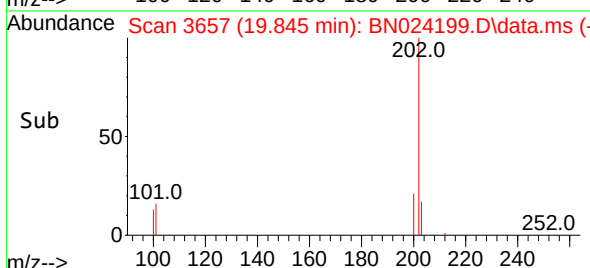
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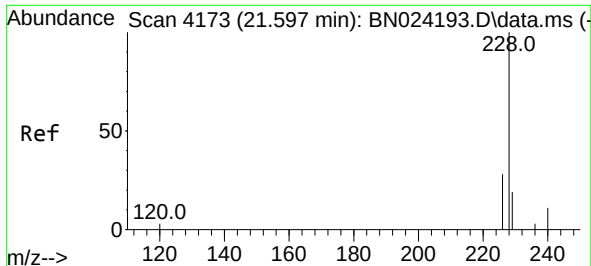


#20
Pyrene
Concen: 0.279 ng/u1
RT: 19.845 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44



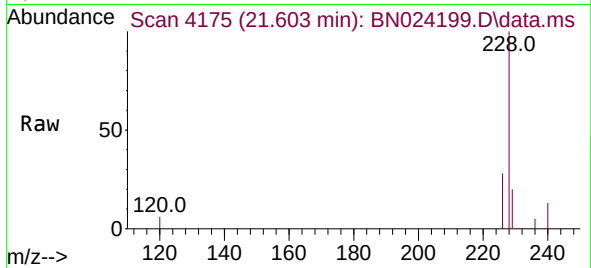
Tgt Ion:202 Resp: 20203
Ion Ratio Lower Upper
202 100
101 16.3 12.1 18.1
100 12.9 9.4 14.0





#21
Benzo(a)anthracene
Concen: 0.258 ng/u1
RT: 21.603 min Scan# 4175
Delta R.T. 0.006 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

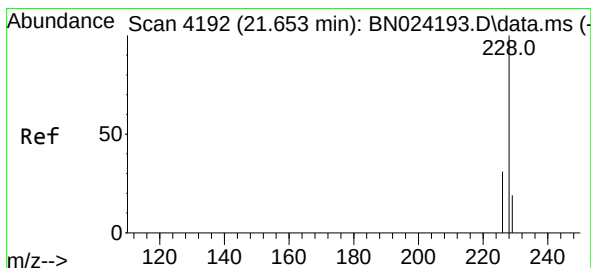
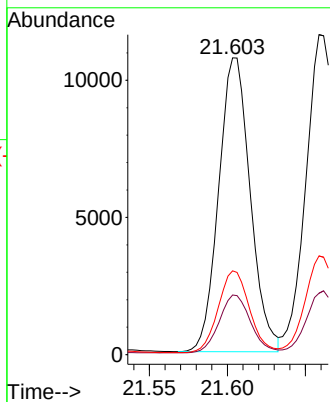
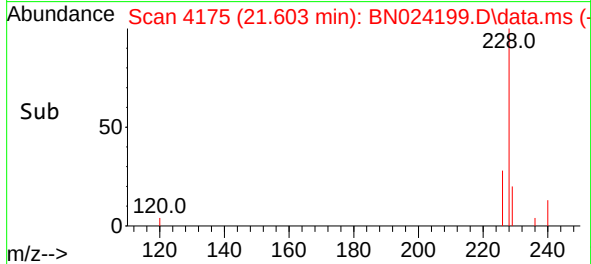
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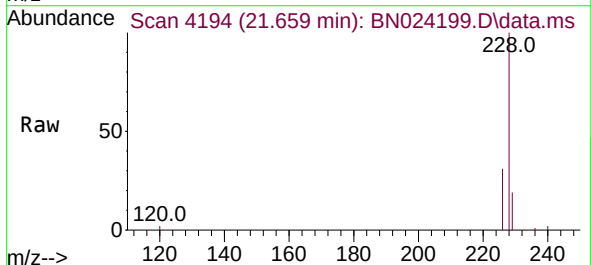
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Ion Ratio Lower Upper
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229 20.1 15.8 23.6
226 28.2 22.2 33.4

Manual Integrations
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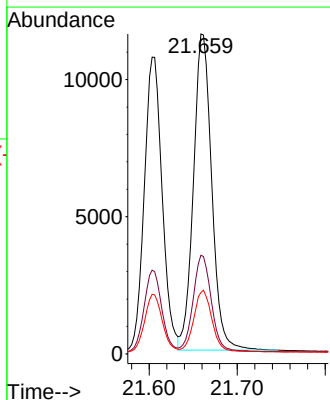
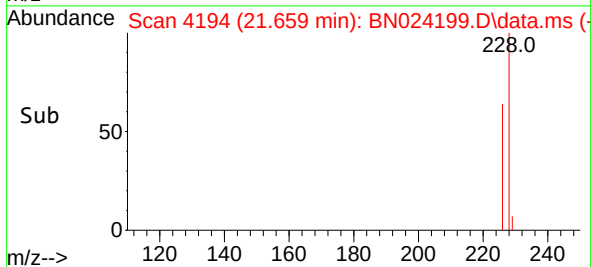
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023

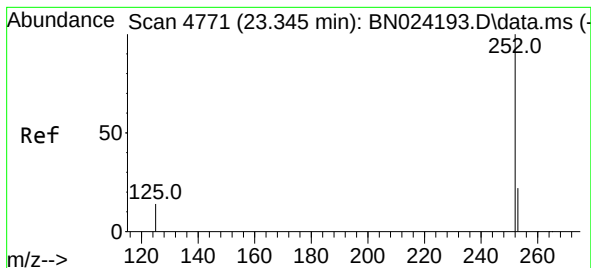


#22
Chrysene
Concen: 0.269 ng/u1
RT: 21.659 min Scan# 4194
Delta R.T. 0.006 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44



Tgt Ion:228 Resp: 16599
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 19.2 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.274 ng/ul

RT: 23.366 min Scan# 4771

Delta R.T. 0.020 min

Lab File: BN024199.D

Acq: 09 Mar 2023 14:44

Instrument :

BNA_N

ClientSampleId :

SLCS238

Tgt Ion:252 Resp: 14762

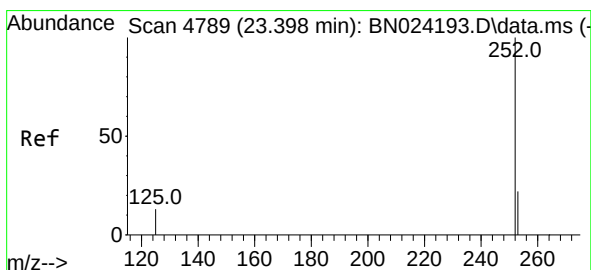
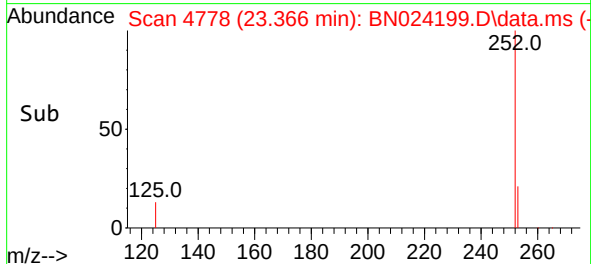
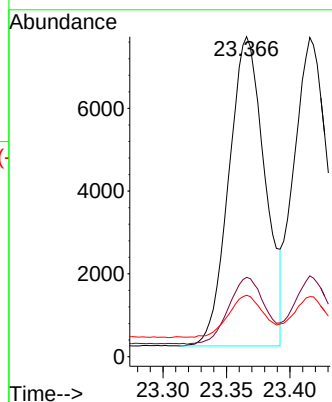
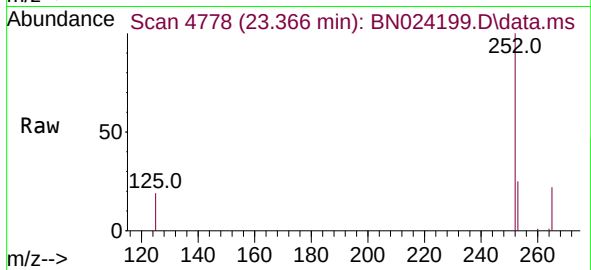
Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	46.2
125	19.2	0.0	34.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/10/2023

Supervised By :Jagrut Upadhyay 03/10/2023



#25

Benzo(k)fluoranthene

Concen: 0.269 ng/ul

RT: 23.416 min Scan# 4795

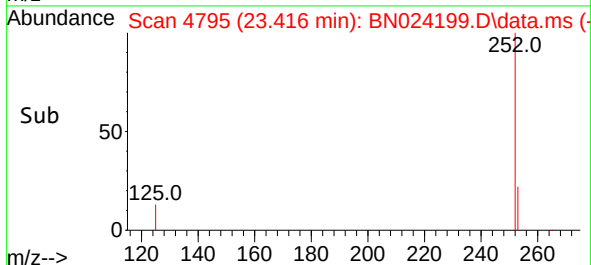
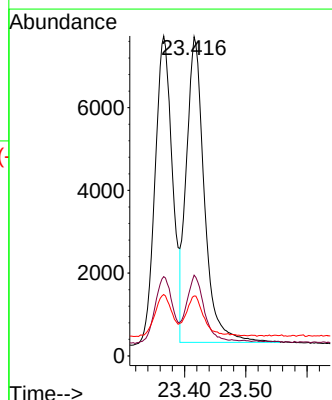
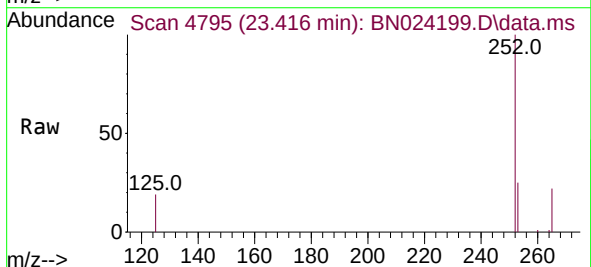
Delta R.T. 0.018 min

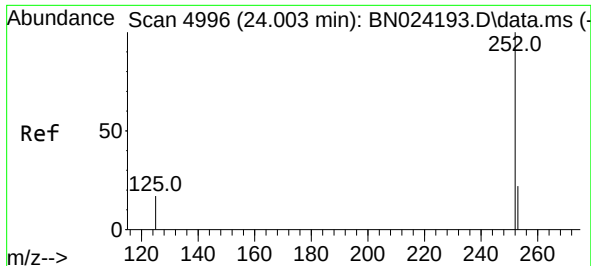
Lab File: BN024199.D

Acq: 09 Mar 2023 14:44

Tgt Ion:252 Resp: 15046

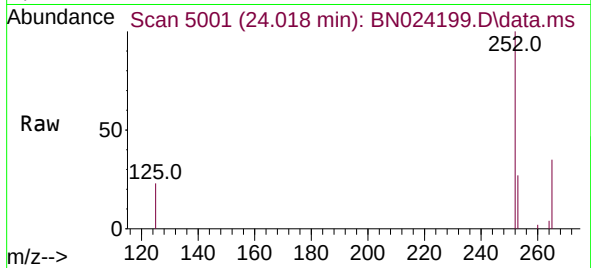
Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.5	27.7
125	18.8	13.2	19.8





#26
Benzo(a)pyrene
Concen: 0.261 ng/ul
RT: 24.018 min Scan# 5001
Delta R.T. 0.015 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

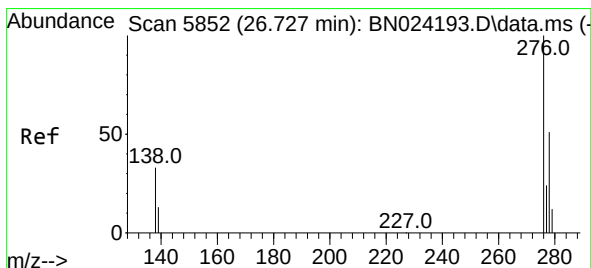
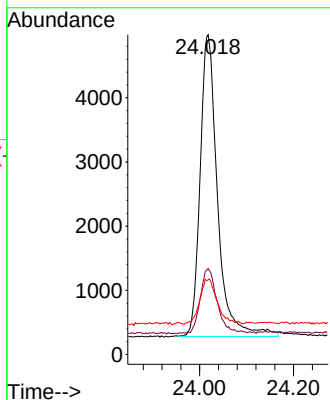
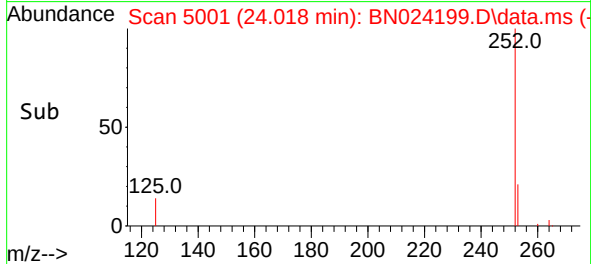
Instrument :
BNA_N
ClientSampleId :
SLCS238



Tgt Ion:252 Resp: 12092
Ion Ratio Lower Upper
252 100
253 26.9 19.2 28.8
125 23.3 15.8 23.6

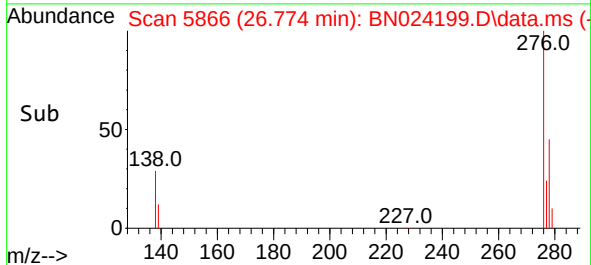
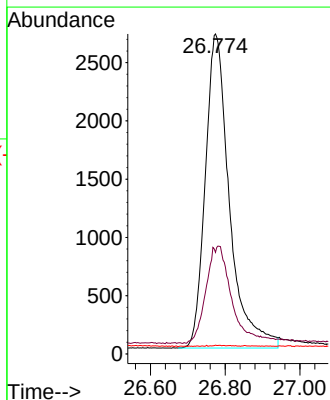
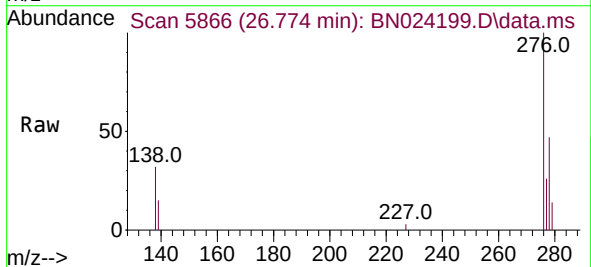
Manual Integrations
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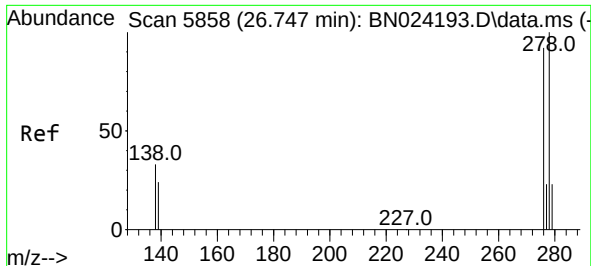
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.232 ng/ul
RT: 26.774 min Scan# 5866
Delta R.T. 0.047 min
Lab File: BN024199.D
Acq: 09 Mar 2023 14:44

Tgt Ion:276 Resp: 12113
Ion Ratio Lower Upper
276 100
138 33.1 0.0 0.0#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.221 ng/ul

RT: 26.797 min Scan# 5858

Delta R.T. 0.050 min

Lab File: BN024199.D

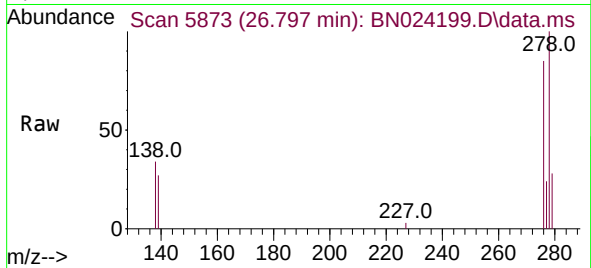
Acq: 09 Mar 2023 14:44

Instrument :

BNA_N

ClientSampleId :

SLCS238



Tgt Ion:278 Resp: 8779

Ion Ratio Lower Upper

278 100

139 26.6 21.0 31.6

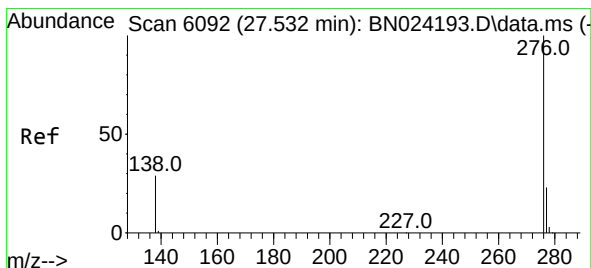
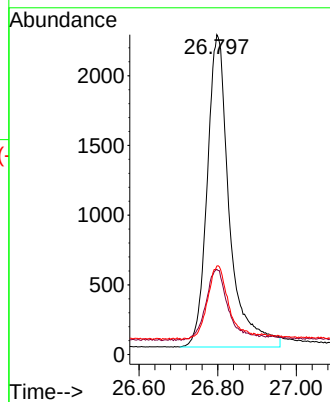
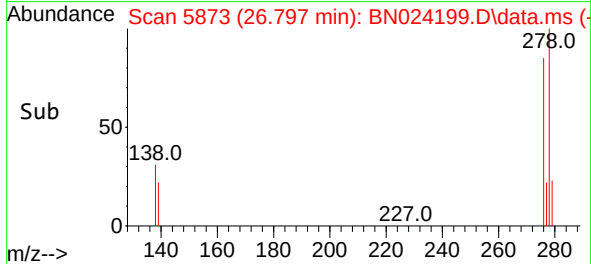
279 27.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/10/2023

Supervised By :Jagrut Upadhyay 03/10/2023



#29

Benzo(g,h,i)perylene

Concen: 0.244 ng/ul

RT: 27.586 min Scan# 6108

Delta R.T. 0.054 min

Lab File: BN024199.D

Acq: 09 Mar 2023 14:44

Tgt Ion:276 Resp: 11061

Ion Ratio Lower Upper

276 100

138 31.5 25.2 37.8

277 25.8 19.4 29.2

