

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024670.D
 Acq On : 31 Mar 2023 08:59
 Operator : CG/JU
 Sample : PB151688BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS688

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/31/2023
 Supervised By : Jagrut Upadhyay 03/31/2023

Quant Time: Mar 31 09:28:50 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 02:10:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	8902	0.400	ng/u1	0.00
4) Naphthalene-d8	10.812	136	25933	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.638	164	14026	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.384	188	30402	0.400	ng/u1	0.00
17) Chrysene-d12	21.574	240	23302	0.400	ng/u1	0.00
23) Perylene-d12	24.059	264	19575m	0.400	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	6754	0.739	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.396	152	14175	0.443	ng/u1	0.00
18) Fluoranthene-d10	19.408	212	29072	0.510	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	18925	1.969	ng/u1	92
5) Naphthalene	10.861	128	27769	0.436	ng/u1	100
7) 2-Methylnaphthalene	12.467	142	17479	0.441	ng/u1	100
8) 1-Methylnaphthalene	12.687	142	18640	0.449	ng/u1	100
10) Acenaphthylene	14.356	152	22527	0.454	ng/u1	100
11) Acenaphthene	14.698	153	19551	0.454	ng/u1	99
12) Fluorene	15.684	166	22269	0.453	ng/u1	99
14) Pentachlorophenol	17.033	266	4856	0.739	ng/u1	99
15) Phenanthrene	17.426	178	37500	0.450	ng/u1	99
16) Anthracene	17.515	178	31599	0.454	ng/u1	100
19) Fluoranthene	19.441	202	42393	0.516	ng/u1	99
20) Pyrene	19.803	202	43234	0.517	ng/u1	100
21) Benzo(a)anthracene	21.557	228	37699	0.538	ng/u1	99
22) Chrysene	21.612	228	39919	0.518	ng/u1	99
24) Benzo(b)fluoranthene	23.293	252	38026	0.468	ng/u1	100
25) Benzo(k)fluoranthene	23.348	252	36431	0.466	ng/u1	99
26) Benzo(a)pyrene	23.945	252	30153	0.471	ng/u1	99
27) Indeno(1,2,3-cd)pyrene	26.650	276	34423	0.452	ng/u1#	99
28) Dibenzo(a,h)anthracene	26.673	278	27396	0.449	ng/u1	98
29) Benzo(g,h,i)perylene	27.458	276	29524	0.450	ng/u1	99

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

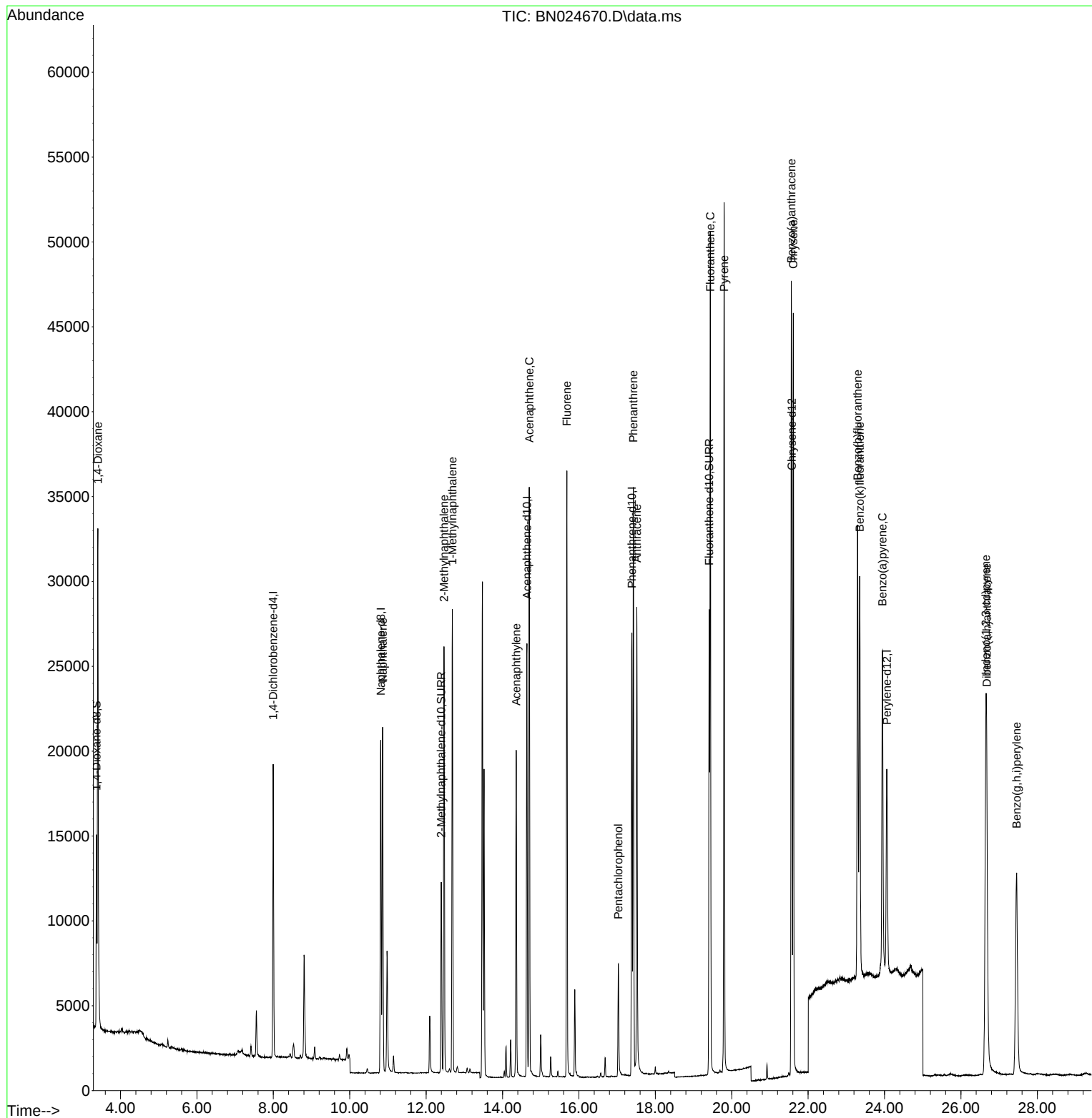
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
Data File : BN024670.D
Acq On : 31 Mar 2023 08:59
Operator : CG/JU
Sample : PB151688BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

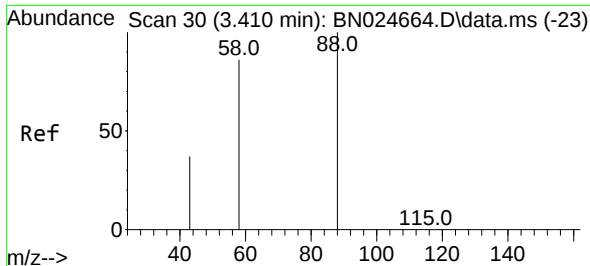
Instrument :
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ClientSampleId :
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Supervised By :Jagrut Upadhyay 03/31/2023

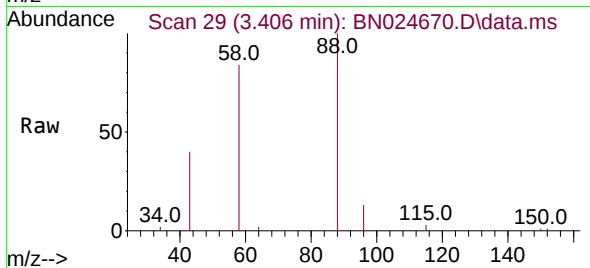
Quant Time: Mar 31 09:28:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 02:10:21 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.969 ng/ul
RT: 3.406 min Scan# 29
Delta R.T. -0.004 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

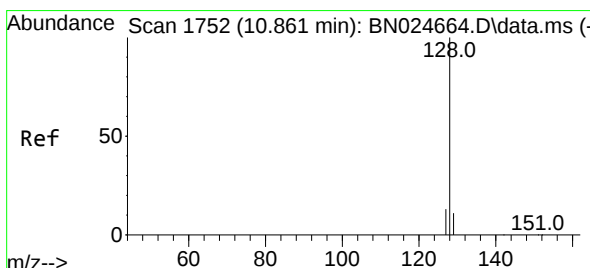
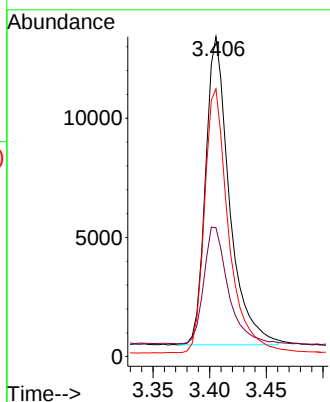
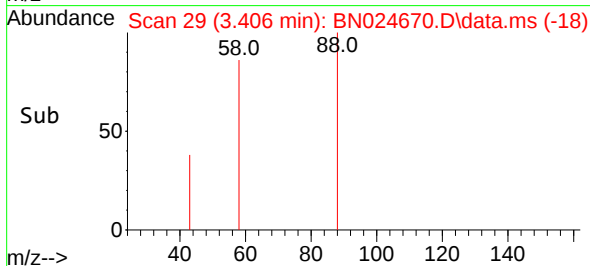
Instrument :
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Tgt Ion: 88 Resp: 18925
Ion Ratio Lower Upper
88 100
43 40.3 37.2 55.8
58 83.7 61.5 92.3

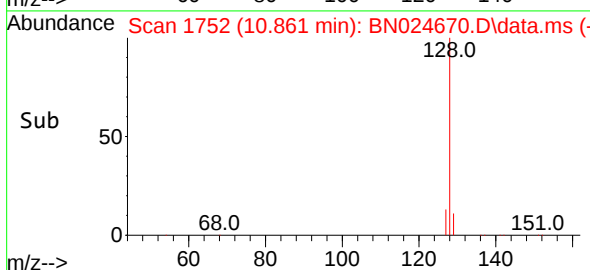
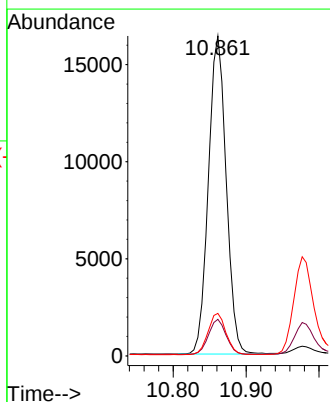
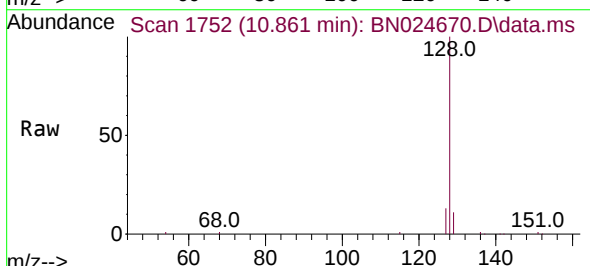
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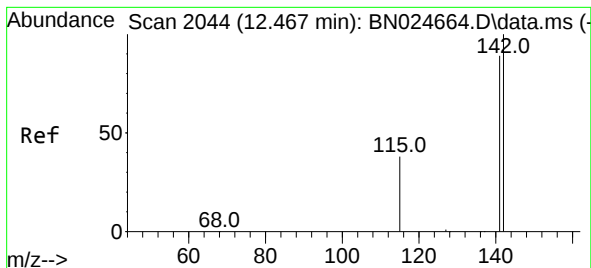
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#5
Naphthalene
Concen: 0.436 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. -0.005 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

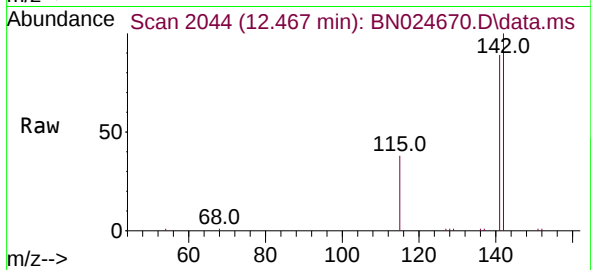
Tgt Ion:128 Resp: 27769
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.3 10.5 15.7





#7
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

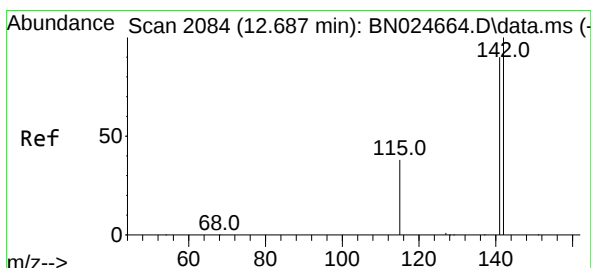
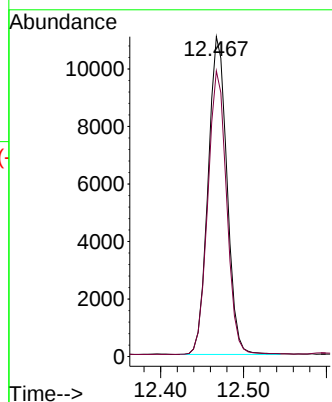
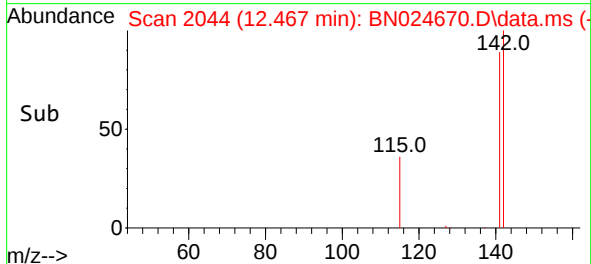
Instrument :
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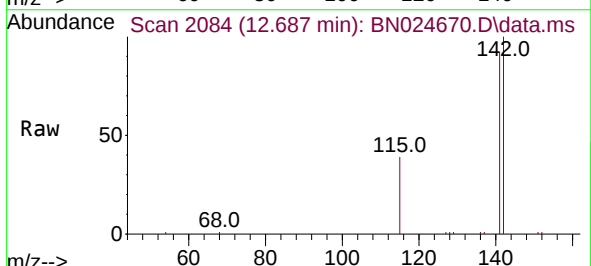
Tgt Ion:142 Resp: 17479
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3

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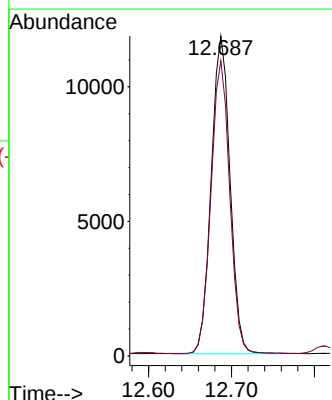
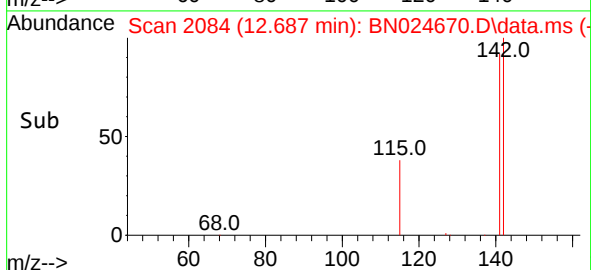
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

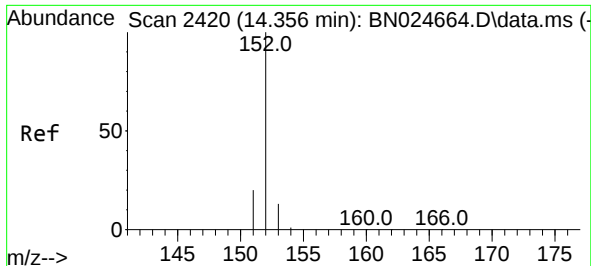


#8
1-Methylnaphthalene
Concen: 0.449 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59



Tgt Ion:142 Resp: 18640
Ion Ratio Lower Upper
142 100
141 91.6 73.5 110.3





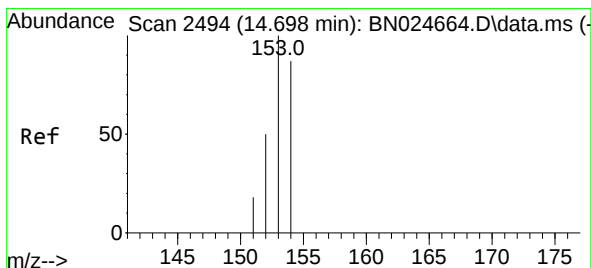
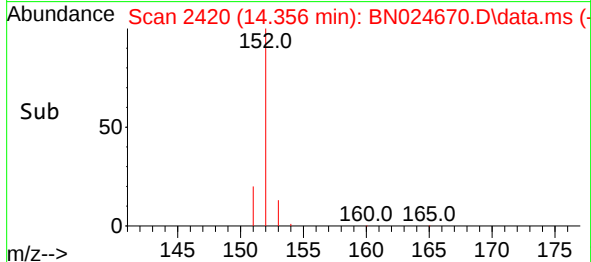
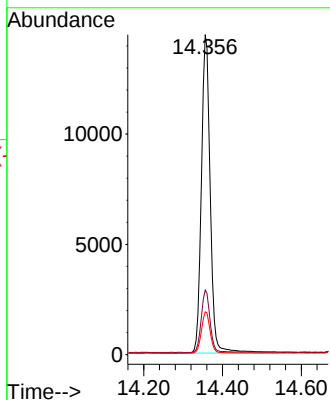
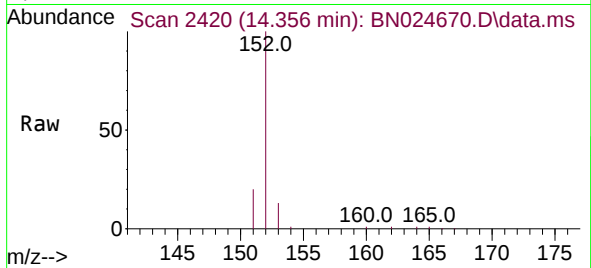
#10
Acenaphthylene
Concen: 0.454 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	13.4	10.6	16.0

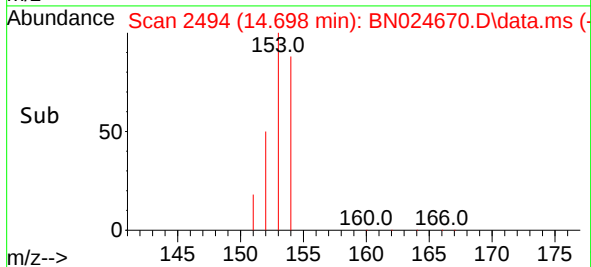
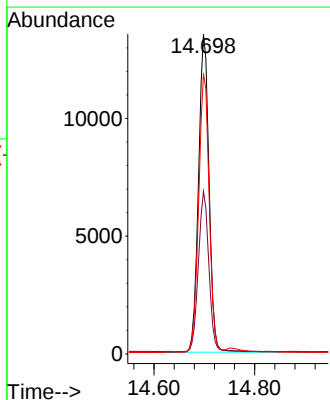
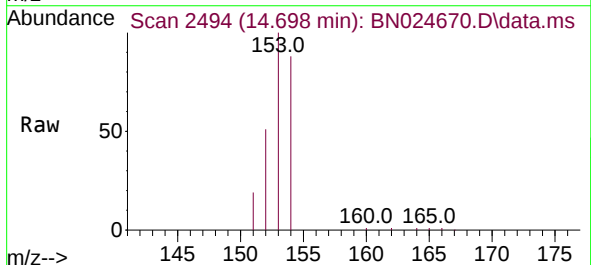
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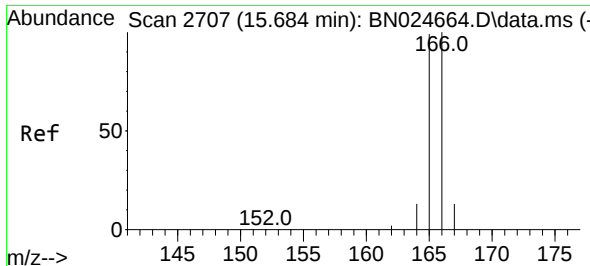
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#11
Acenaphthene
Concen: 0.454 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

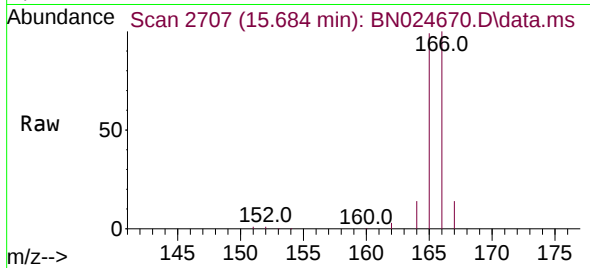
Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.8	40.3	60.5
154	87.6	71.0	106.4





#12
Fluorene
Concen: 0.453 ng/ul
RT: 15.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

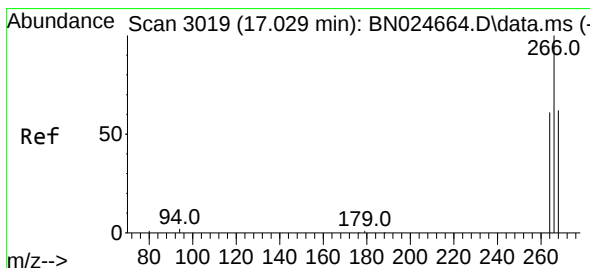
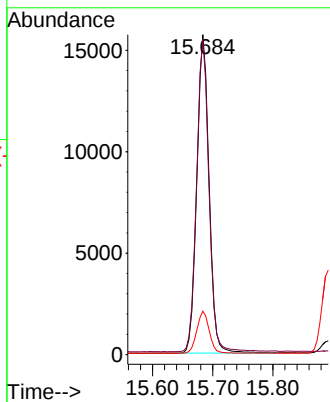
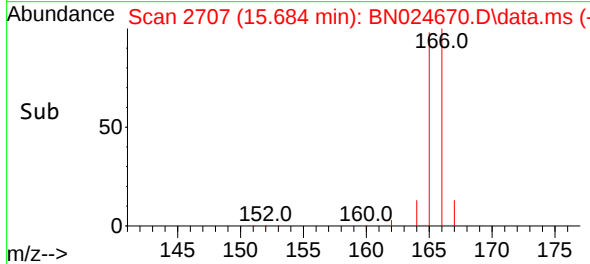
Instrument :
BNA_N
ClientSampleId :
SLCS688



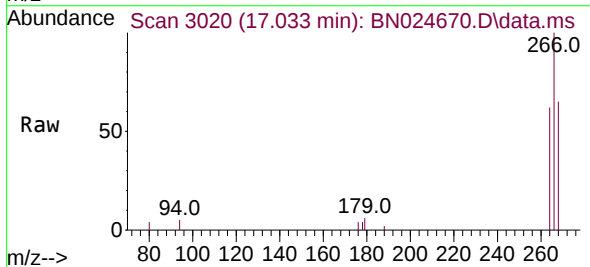
Tgt Ion:166 Resp: 22269
Ion Ratio Lower Upper
166 100
165 98.6 80.0 120.0
167 13.5 10.8 16.2

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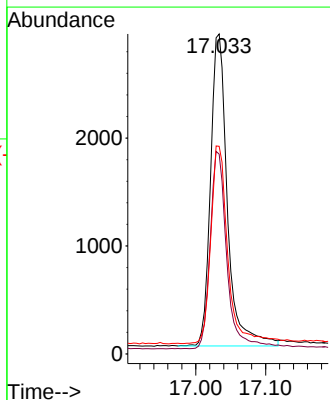
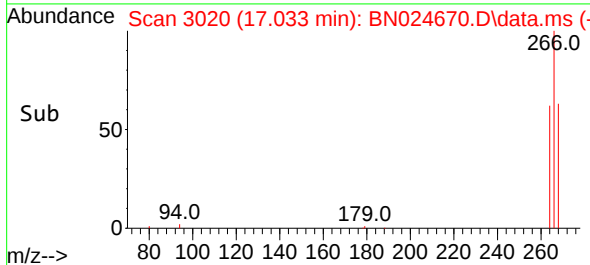
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

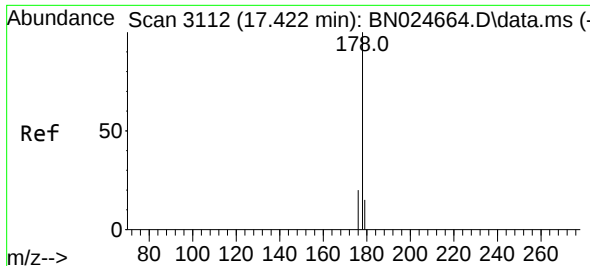


#14
Pentachlorophenol
Concen: 0.739 ng/ul
RT: 17.033 min Scan# 3020
Delta R.T. 0.000 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59



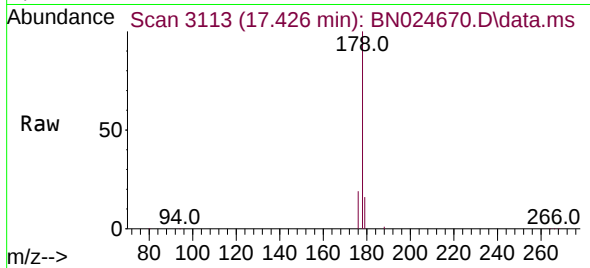
Tgt Ion:266 Resp: 4856
Ion Ratio Lower Upper
266 100
264 62.5 49.6 74.4
268 64.1 52.6 78.8





#15
Phenanthrene
Concen: 0.450 ng/u1
RT: 17.426 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

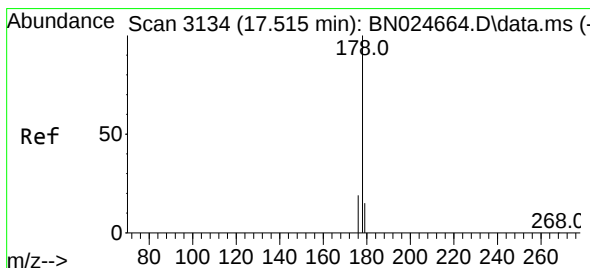
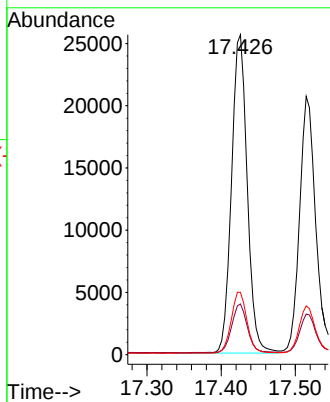
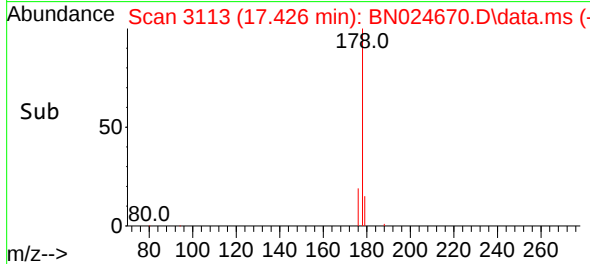
Instrument :
BNA_N
ClientSampleId :
SLCS688



Tgt Ion:178 Resp: 37500
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 19.5 15.5 23.3

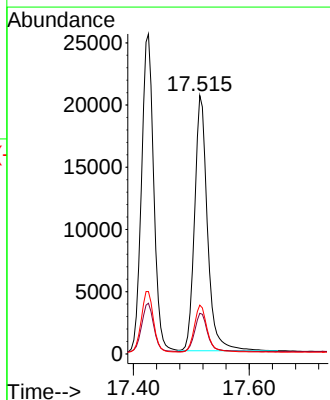
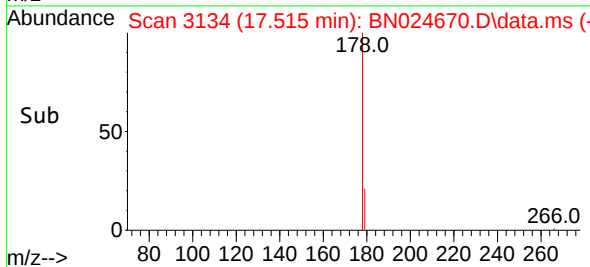
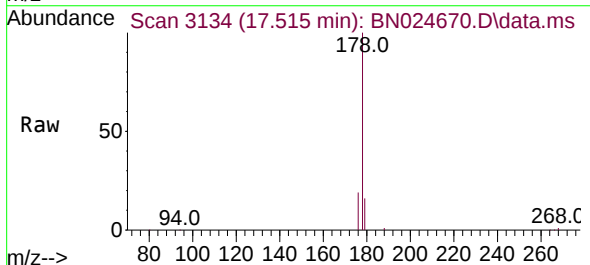
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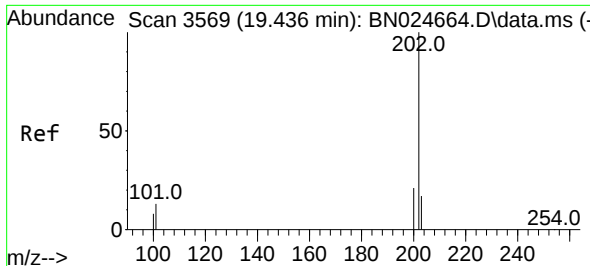
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#16
Anthracene
Concen: 0.454 ng/u1
RT: 17.515 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

Tgt Ion:178 Resp: 31599
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 18.9 15.2 22.8





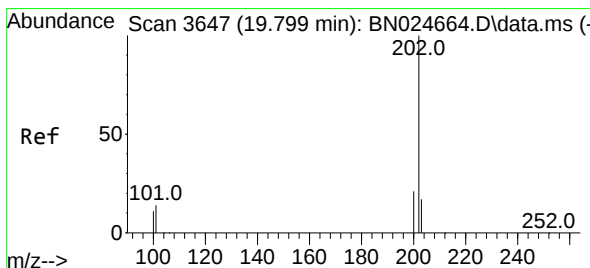
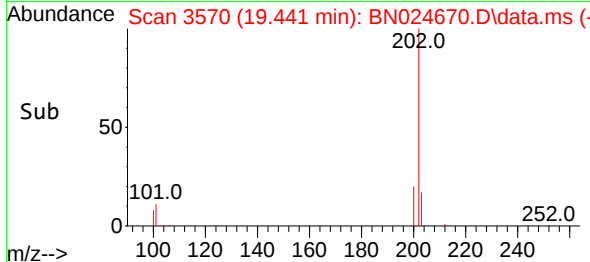
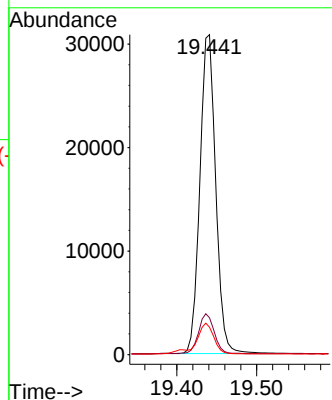
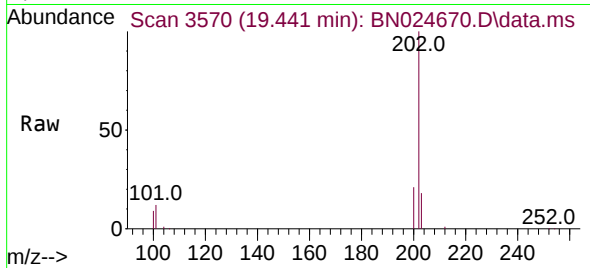
#19
Fluoranthene
Concen: 0.516 ng/ul
RT: 19.441 min Scan# 3570
Delta R.T. 0.000 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

Instrument :
BNA_N
ClientSampleId :
SLCS688

Tgt Ion:202 Resp: 42393
Ion Ratio Lower Upper
202 100
101 11.5 9.6 14.4
100 8.6 7.0 10.6

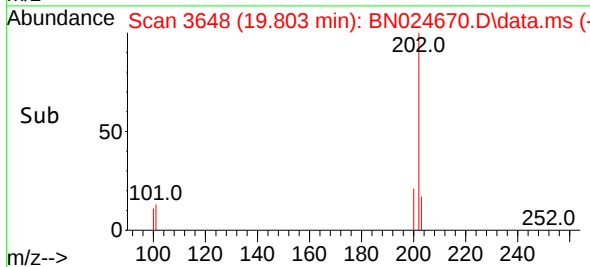
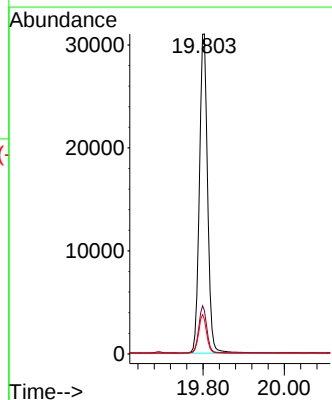
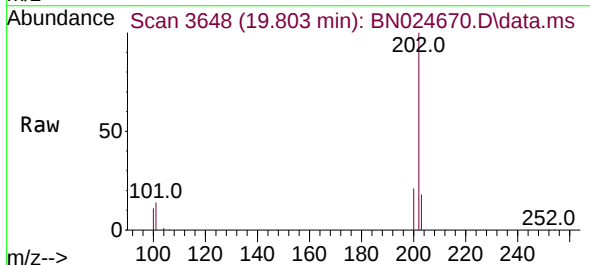
Manual Integrations
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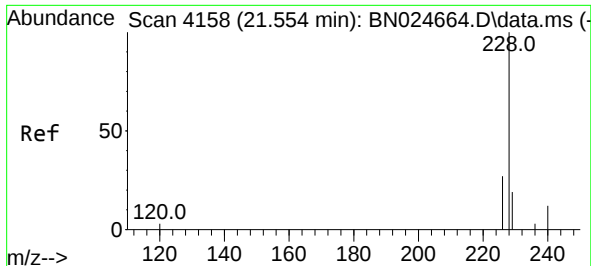
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#20
Pyrene
Concen: 0.517 ng/ul
RT: 19.803 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

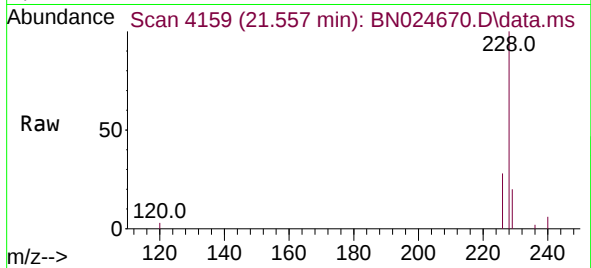
Tgt Ion:202 Resp: 43234
Ion Ratio Lower Upper
202 100
101 13.6 10.9 16.3
100 10.8 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.538 ng/ul
RT: 21.557 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

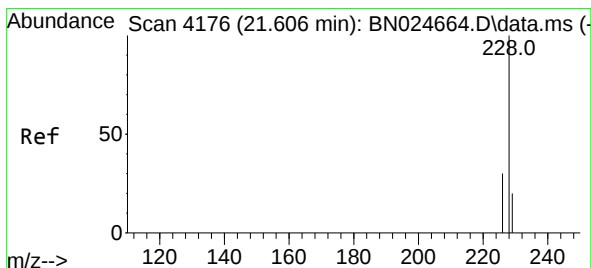
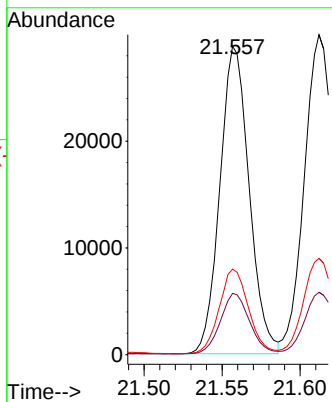
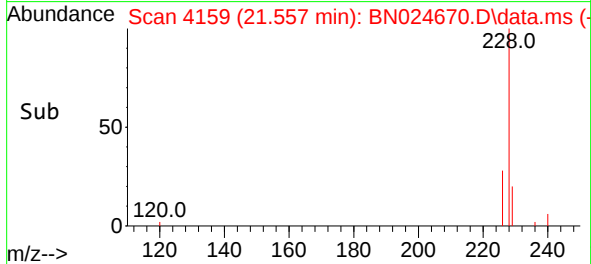
Instrument :
BNA_N
ClientSampleId :
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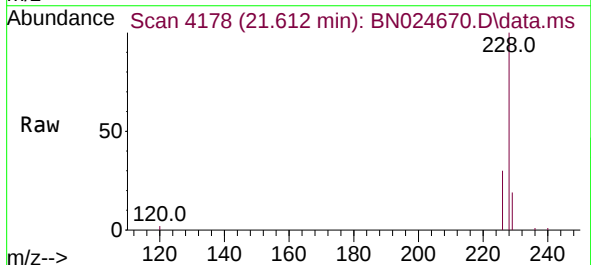
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Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.7 22.5 33.7

Manual Integrations
APPROVED

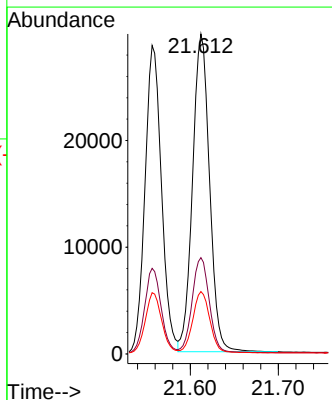
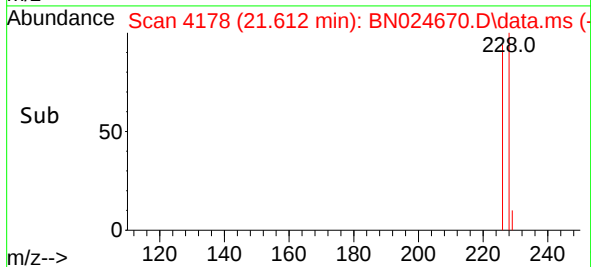
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

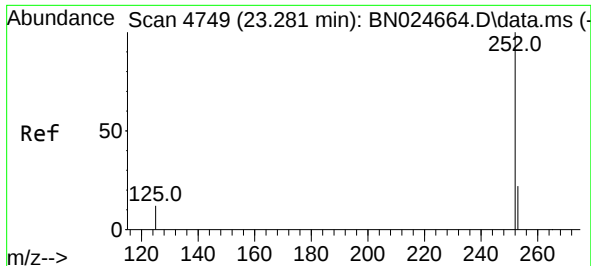


#22
Chrysene
Concen: 0.518 ng/ul
RT: 21.612 min Scan# 4178
Delta R.T. 0.006 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59



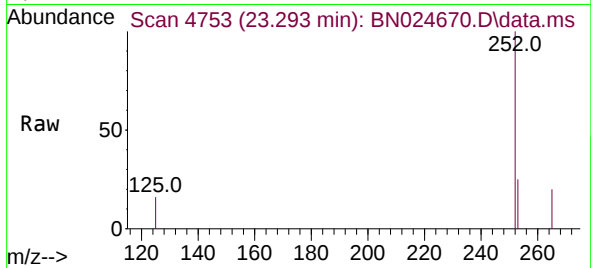
Tgt Ion:228 Resp: 39919
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 19.5 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.468 ng/ul
RT: 23.293 min Scan# 4753
Delta R.T. 0.012 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

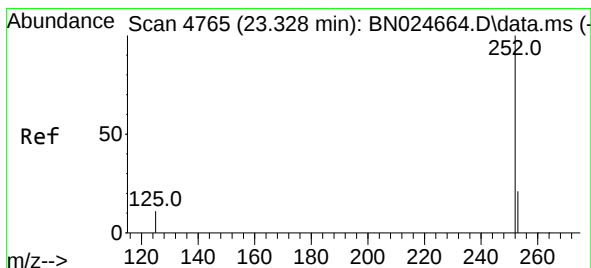
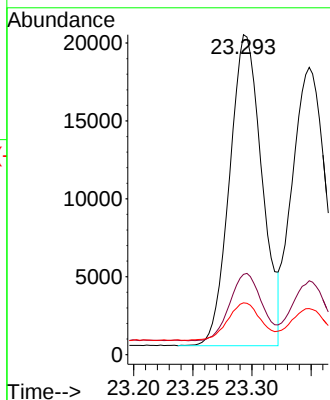
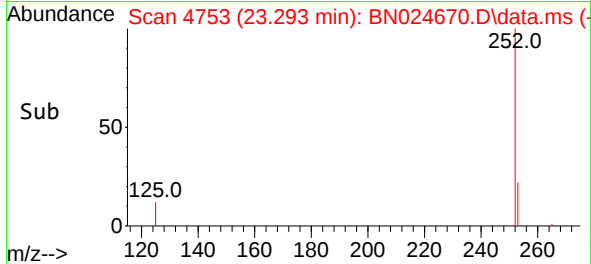
Instrument :
BNA_N
ClientSampleId :
SLCS688



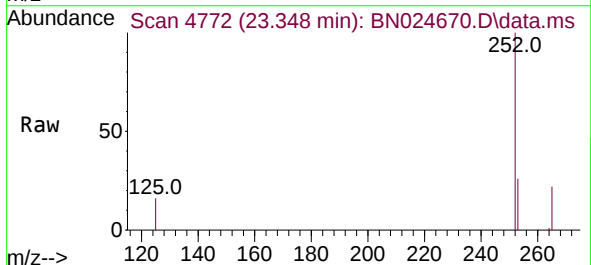
Tgt Ion:252 Resp: 38026
Ion Ratio Lower Upper
252 100
253 25.1 0.0 49.6
125 16.2 0.0 32.4

Manual Integrations
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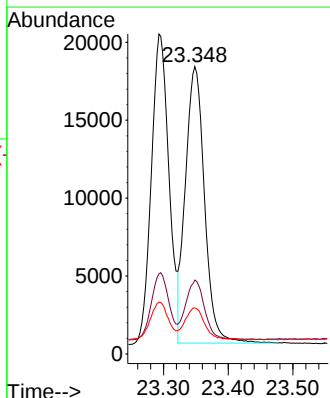
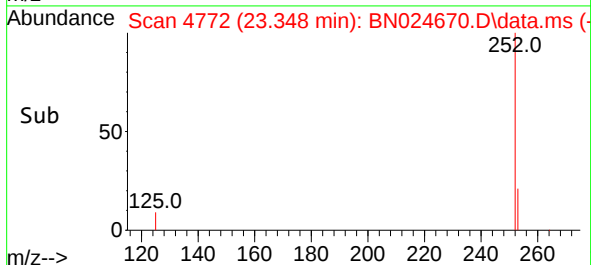
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

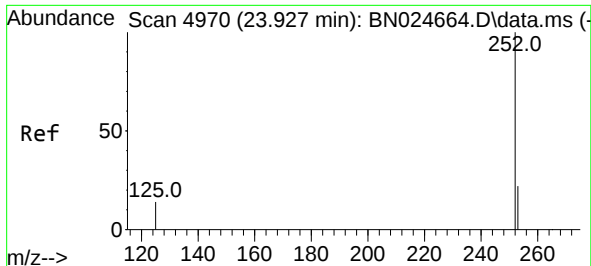


#25
Benzo(k)fluoranthene
Concen: 0.466 ng/ul
RT: 23.348 min Scan# 4772
Delta R.T. 0.020 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59



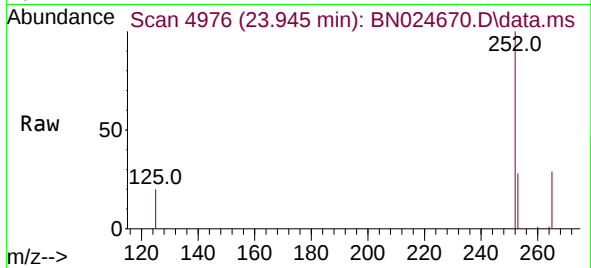
Tgt Ion:252 Resp: 36431
Ion Ratio Lower Upper
252 100
253 25.7 20.2 30.2
125 16.0 13.1 19.7





#26
Benzo(a)pyrene
Concen: 0.471 ng/ul
RT: 23.945 min Scan# 4970
Delta R.T. 0.018 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

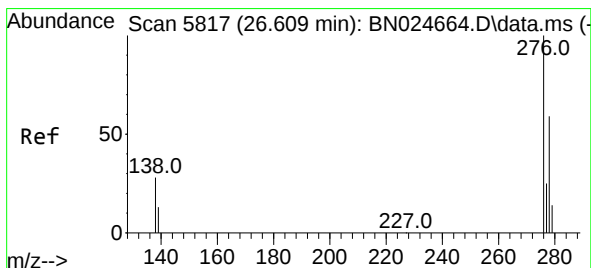
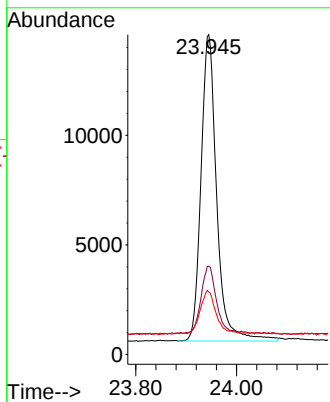
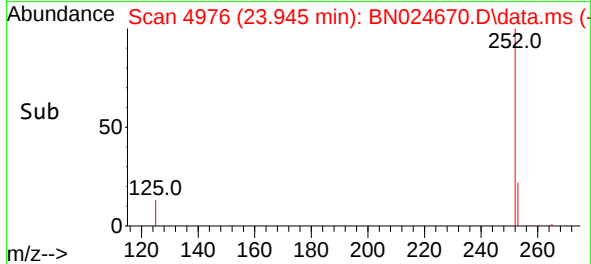
Instrument :
BNA_N
ClientSampleId :
SLCS688



Tgt Ion:252 Resp: 3015
Ion Ratio Lower Upper
252 100
253 27.6 21.8 32.8
125 19.5 15.4 23.0

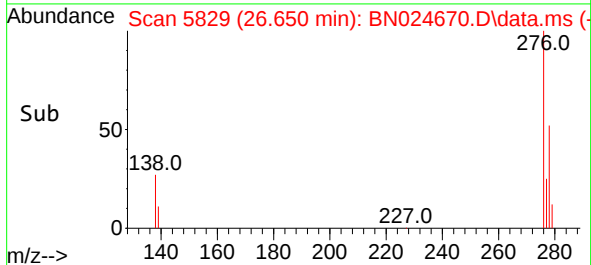
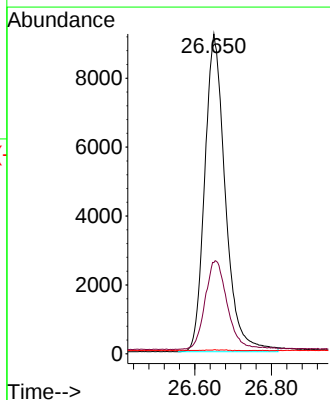
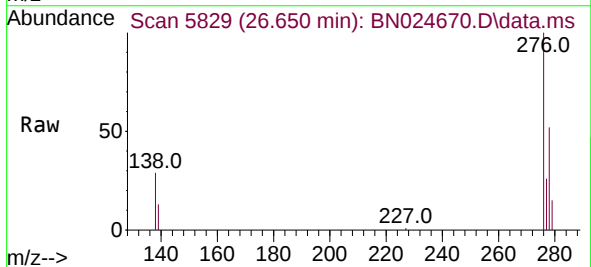
Manual Integrations
APPROVED

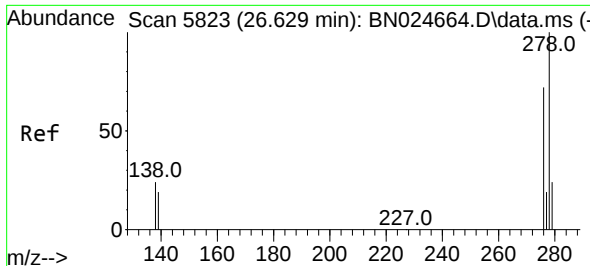
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.452 ng/ul
RT: 26.650 min Scan# 5829
Delta R.T. 0.037 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

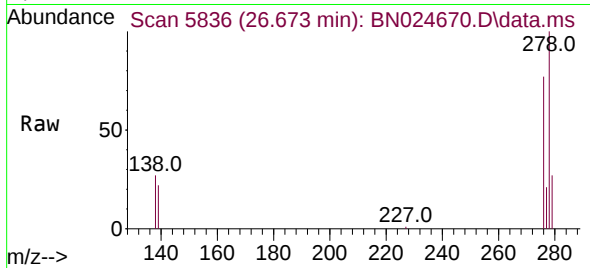
Tgt Ion:276 Resp: 34423
Ion Ratio Lower Upper
276 100
138 30.4 24.6 36.8
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 26.673 min Scan# 5823
Delta R.T. 0.044 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59

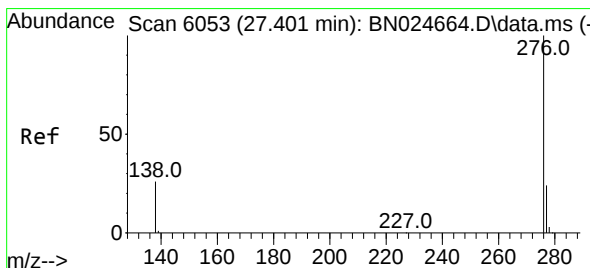
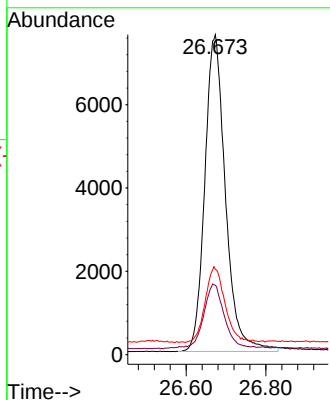
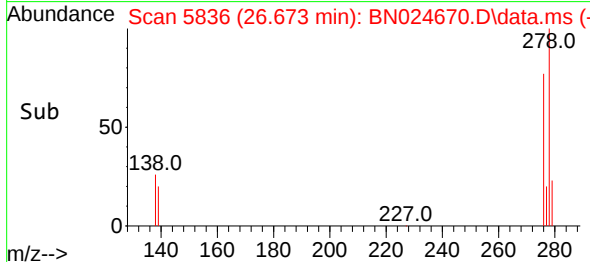
Instrument :
BNA_N
ClientSampleId :
SLCS688



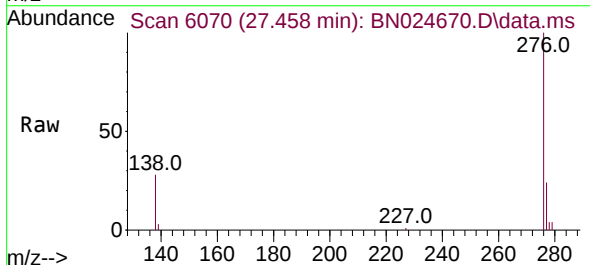
Tgt Ion:278 Resp: 27396
Ion Ratio Lower Upper
278 100
139 21.7 16.5 24.7
279 26.6 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#29
Benzo(g,h,i)perylene
Concen: 0.450 ng/ul
RT: 27.458 min Scan# 6070
Delta R.T. 0.054 min
Lab File: BN024670.D
Acq: 31 Mar 2023 08:59



Tgt Ion:276 Resp: 29524
Ion Ratio Lower Upper
276 100
138 27.6 21.4 32.2
277 24.3 19.8 29.6

