

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024480.D
 Acq On : 22 Mar 2023 13:19
 Operator : CG/JU
 Sample : PB151298BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS298

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/22/2023
 Supervised By : Jagrut Upadhyay 03/22/2023

Quant Time: Mar 22 14:06:56 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 17:57:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.029	152	8249	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	23688	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	11594	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	23850	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	16044	0.400	ng/ul	0.00
23) Perylene-d12	24.094	264	13208m	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	6587	0.726	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	12130	0.431	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	21847	0.512	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	17651m	1.788	ng/ul	
5) Naphthalene	10.894	128	26194	0.443	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	15689	0.437	ng/ul	100
8) 1-Methylnaphthalene	12.714	142	16390	0.435	ng/ul	100
10) Acenaphthylene	14.384	152	21471	0.444	ng/ul	100
11) Acenaphthene	14.726	153	16504	0.443	ng/ul	99
12) Fluorene	15.711	166	18121	0.435	ng/ul	99
14) Pentachlorophenol	17.059	266	4167	0.629	ng/ul#	73
15) Phenanthrene	17.451	178	29137	0.427	ng/ul	99
16) Anthracene	17.544	178	24964	0.416	ng/ul	99
19) Fluoranthene	19.464	202	31538	0.494	ng/ul	99
20) Pyrene	19.826	202	31875	0.492	ng/ul	100
21) Benzo(a)anthracene	21.577	228	24203	0.462	ng/ul	100
22) Chrysene	21.632	228	26062	0.471	ng/ul	100
24) Benzo(b)fluoranthene	23.325	252	23935	0.475	ng/ul	92
25) Benzo(k)fluoranthene	23.377	252	23248	0.444	ng/ul#	92
26) Benzo(a)pyrene	23.980	252	19069	0.439	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.707	276	21640	0.443	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.724	278	16386	0.441	ng/ul	95
29) Benzo(g,h,i)perylene	27.518	276	19856	0.468	ng/ul	98

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

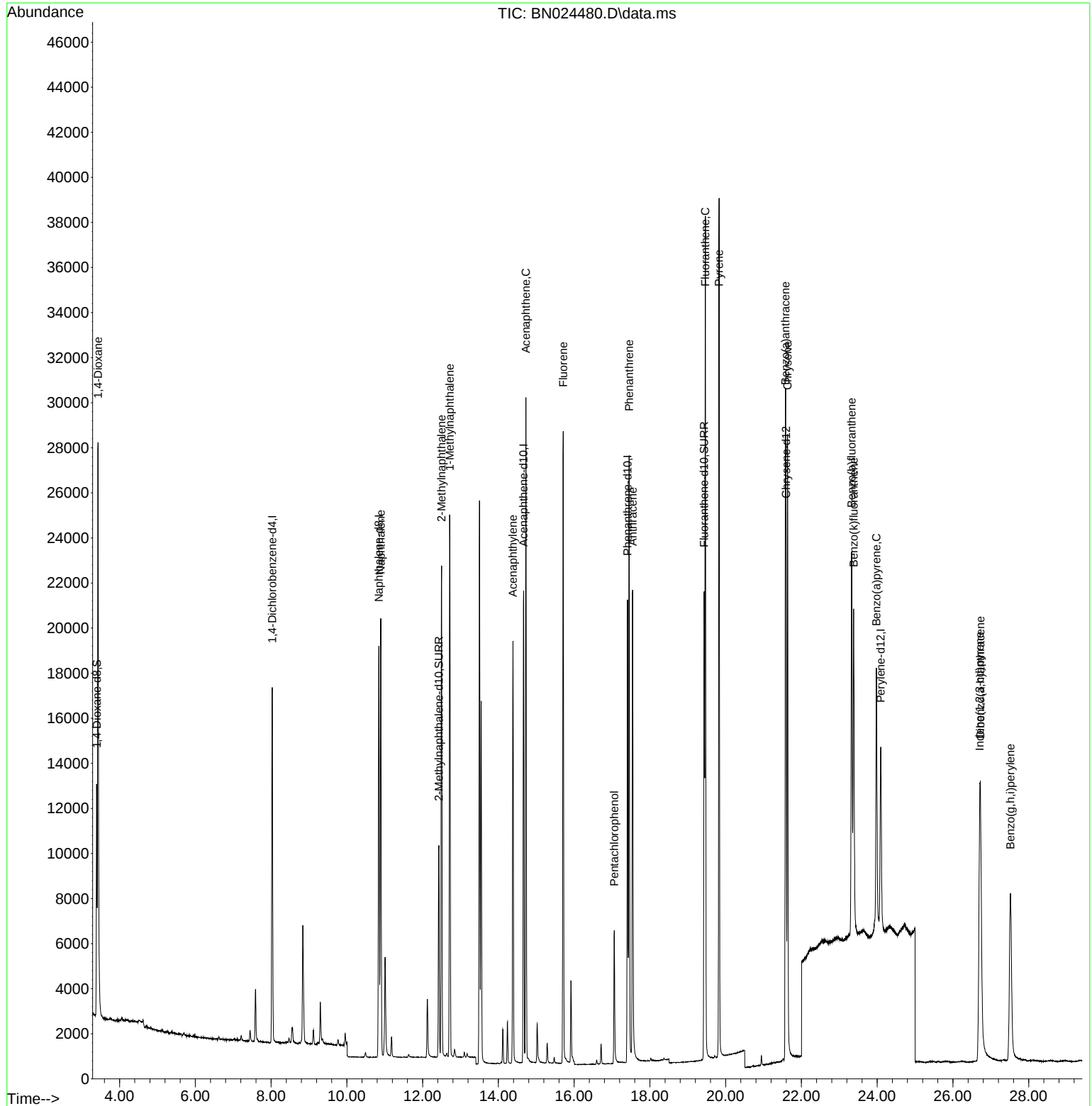
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024480.D
Acq On : 22 Mar 2023 13:19
Operator : CG/JU
Sample : PB151298BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

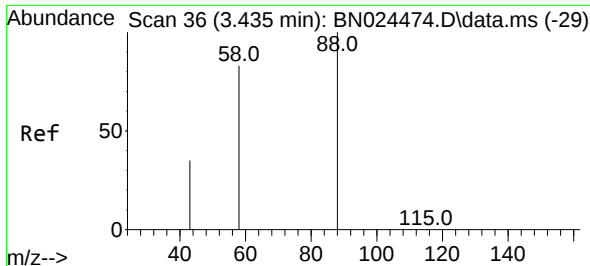
Instrument :
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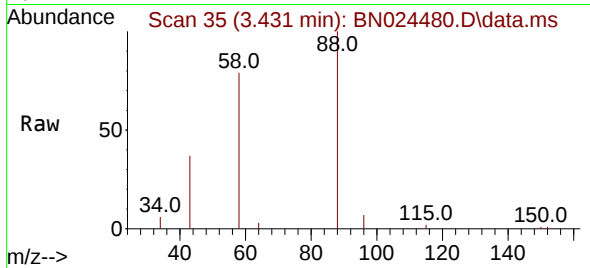
Quant Time: Mar 22 14:06:56 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 17:57:40 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.788 ng/ul m
RT: 3.431 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

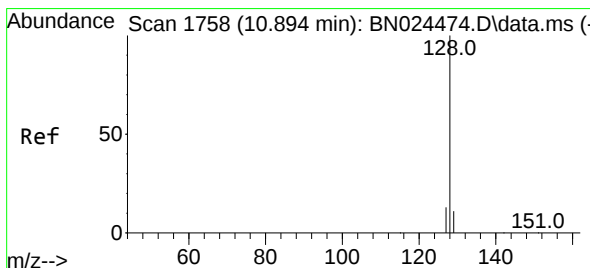
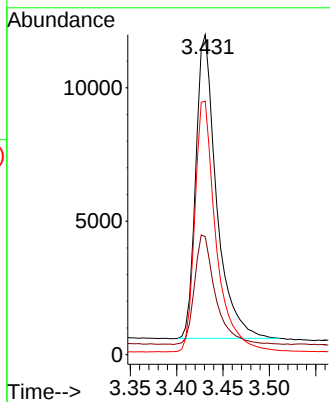
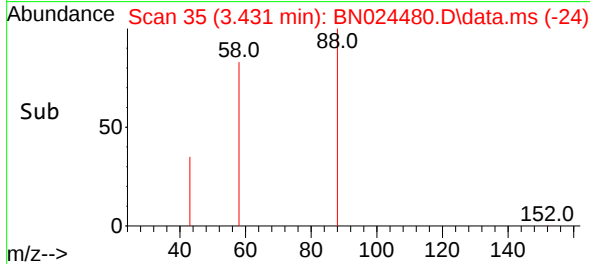
Instrument :
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Tgt Ion: 88 Resp: 1765
Ion Ratio Lower Upper
88 100
43 36.9 32.1 48.1
58 79.3 55.1 82.7

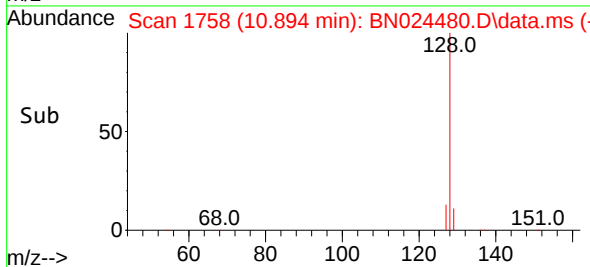
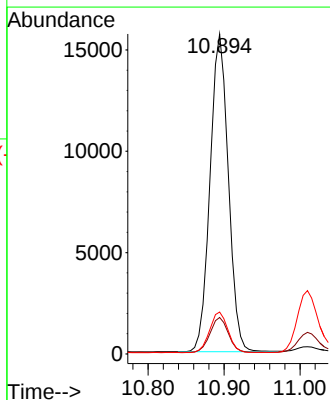
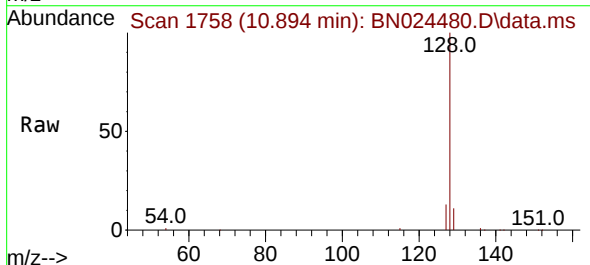
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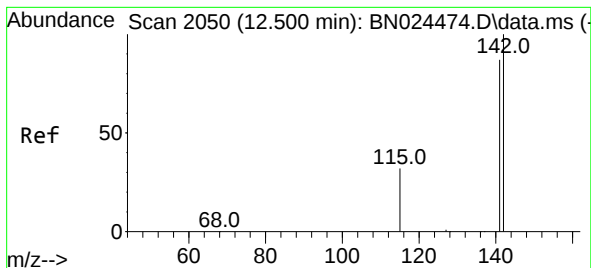
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#5
Naphthalene
Concen: 0.443 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. -0.005 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

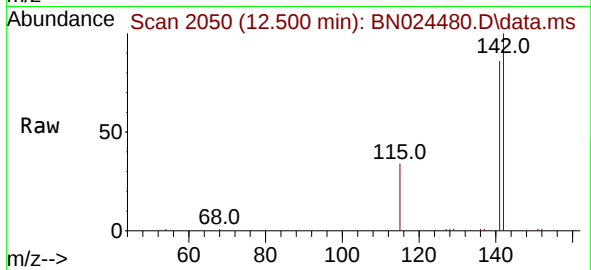
Tgt Ion:128 Resp: 26194
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.1 10.5 15.7





#7
2-Methylnaphthalene
Concen: 0.437 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

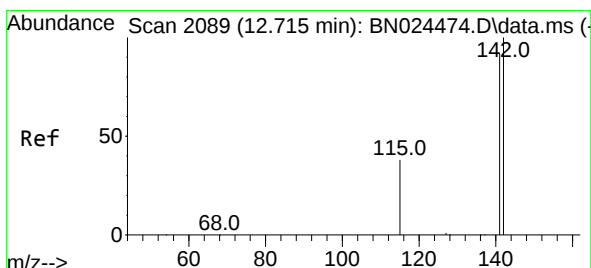
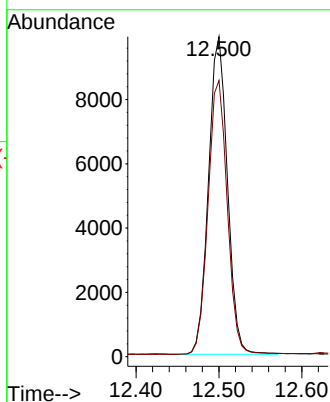
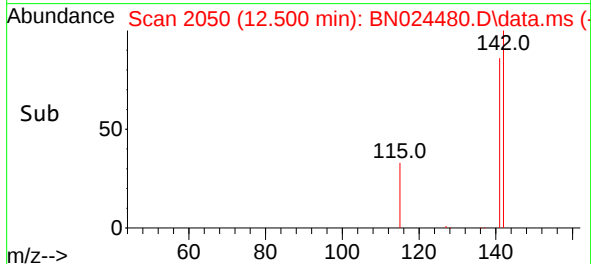
Instrument :
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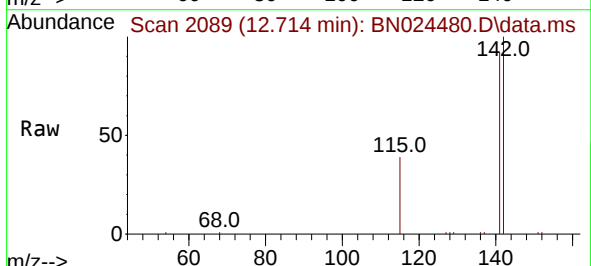
Tgt Ion:142 Resp: 15689
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5

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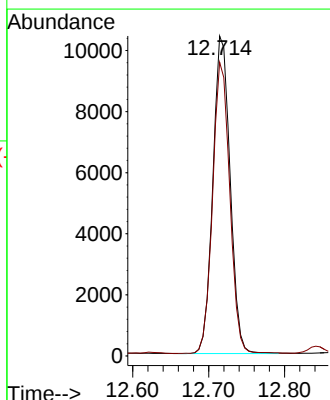
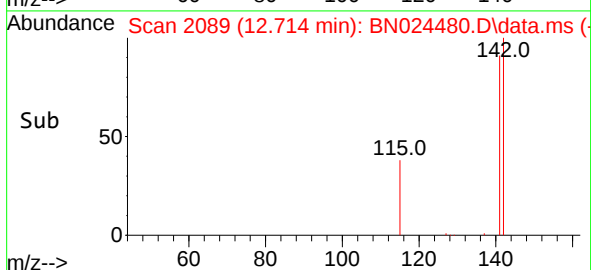
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

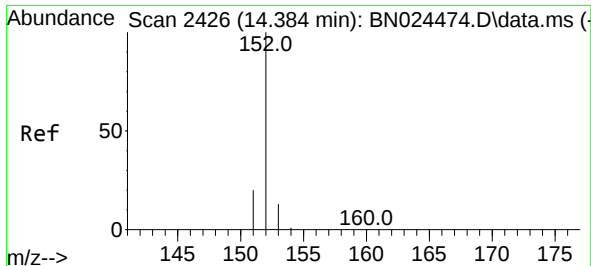


#8
1-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.714 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19



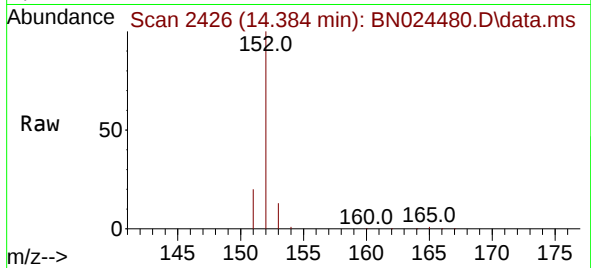
Tgt Ion:142 Resp: 16390
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.6





#10
Acenaphthylene
Concen: 0.444 ng/ul
RT: 14.384 min Scan# 2426
Delta R.T. -0.005 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

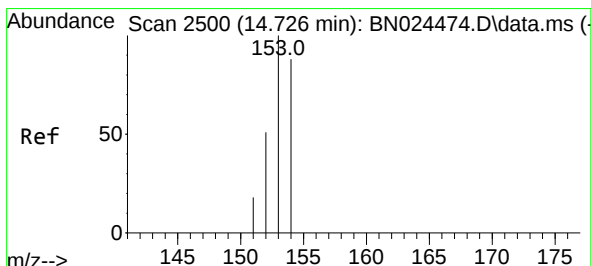
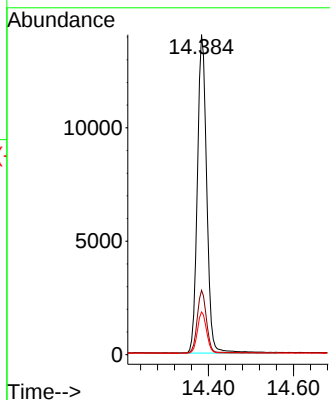
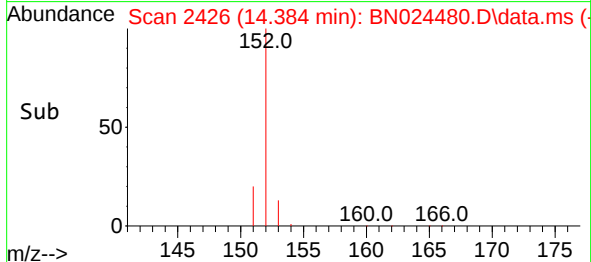
Instrument :
BNA_N
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Tgt Ion:152 Resp: 2147
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.6 16.0

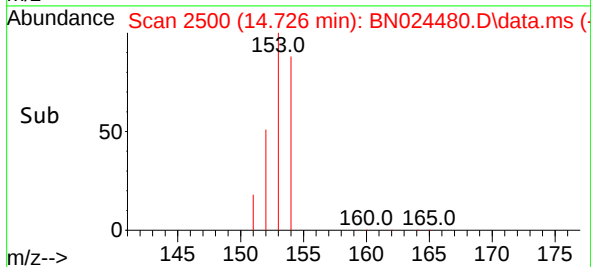
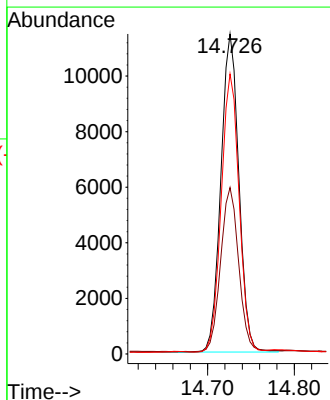
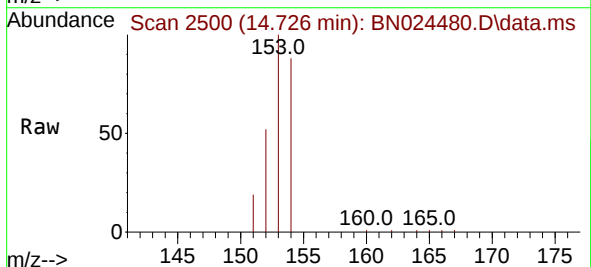
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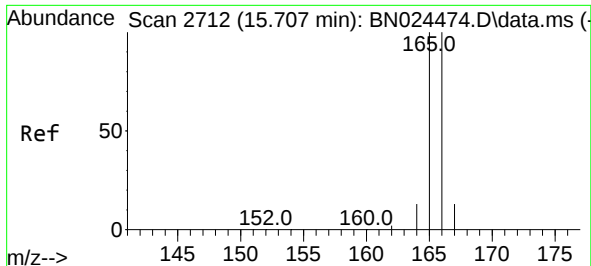
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#11
Acenaphthene
Concen: 0.443 ng/ul
RT: 14.726 min Scan# 2500
Delta R.T. -0.005 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

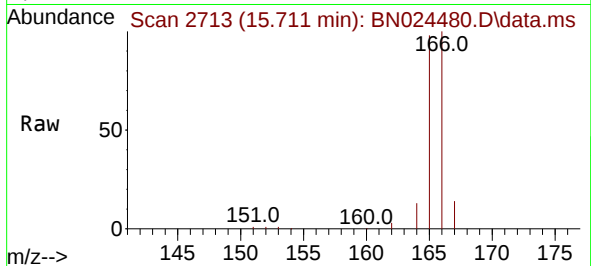
Tgt Ion:153 Resp: 16504
Ion Ratio Lower Upper
153 100
152 52.0 42.6 64.0
154 87.5 70.6 105.8





#12
Fluorene
Concen: 0.435 ng/ul
RT: 15.711 min Scan# 2713
Delta R.T. -0.000 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

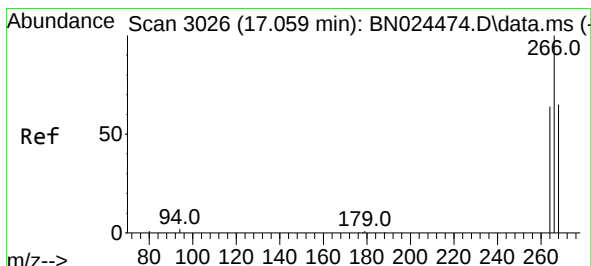
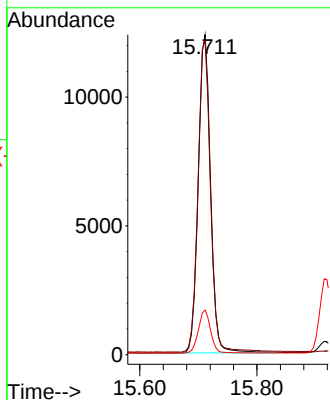
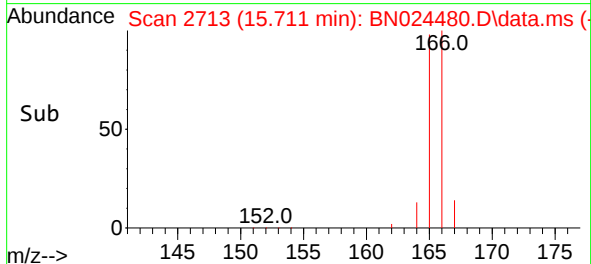
Instrument :
BNA_N
ClientSampleId :
SLCS298



Tgt Ion:166 Resp: 1812
Ion Ratio Lower Upper
166 100
165 98.2 77.4 116.0
167 13.9 10.9 16.3

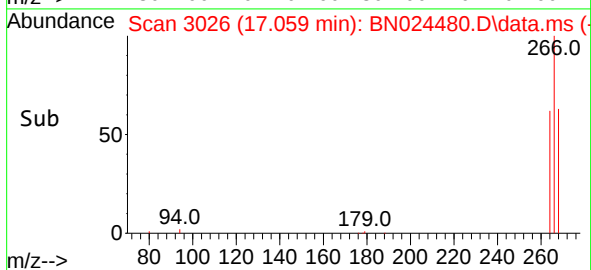
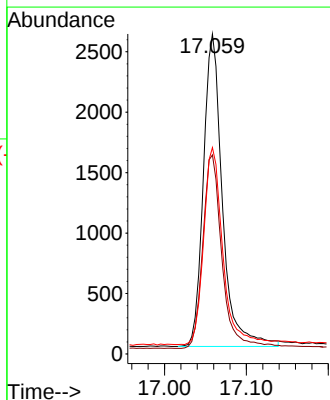
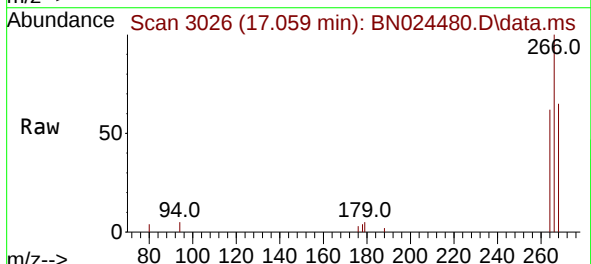
Manual Integrations
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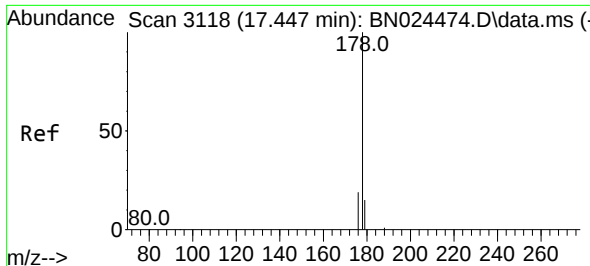
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#14
Pentachlorophenol
Concen: 0.629 ng/ul
RT: 17.059 min Scan# 3026
Delta R.T. -0.000 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

Tgt Ion:266 Resp: 4167
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0#
268 63.8 0.1 0.1#





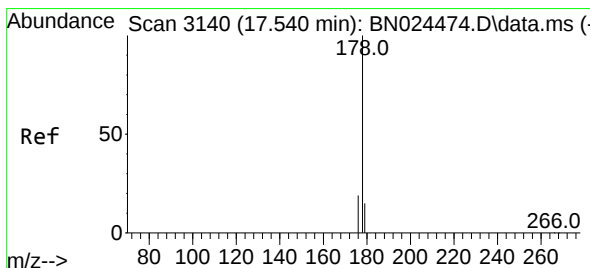
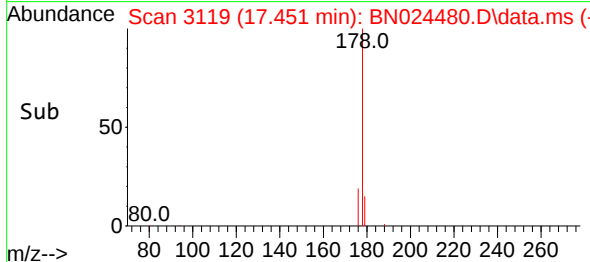
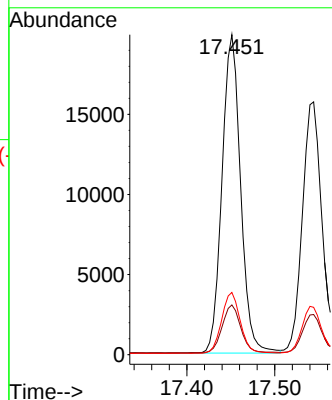
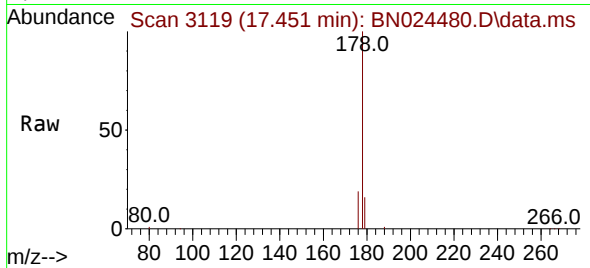
#15
Phenanthrene
Concen: 0.427 ng/ul
RT: 17.451 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

Instrument :
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ClientSampleId :
SLCS298

Tgt Ion:178 Resp: 2913
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.5 15.7 23.5

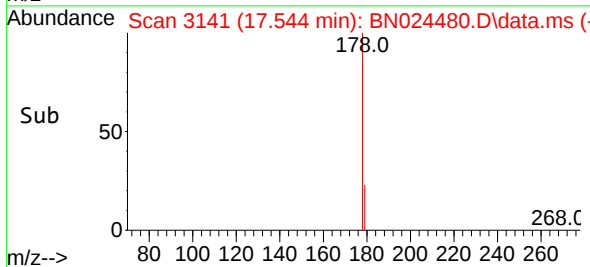
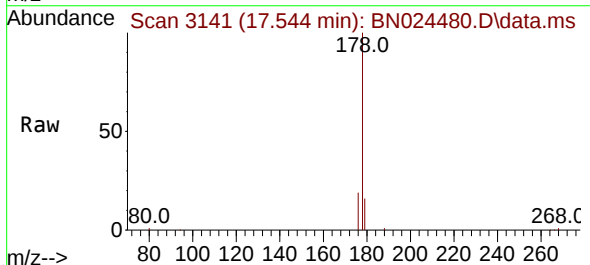
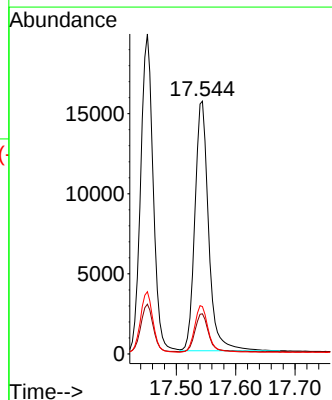
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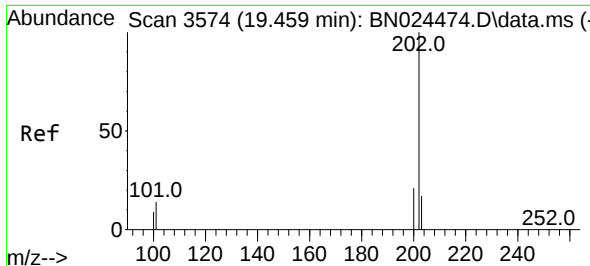
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#16
Anthracene
Concen: 0.416 ng/ul
RT: 17.544 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

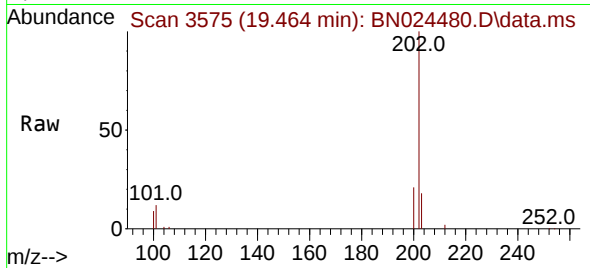
Tgt Ion:178 Resp: 24964
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 18.7 15.3 22.9





#19
Fluoranthene
Concen: 0.494 ng/u1
RT: 19.464 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

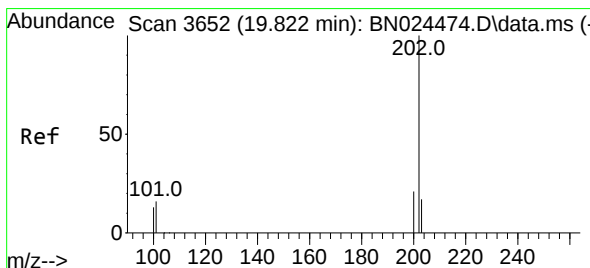
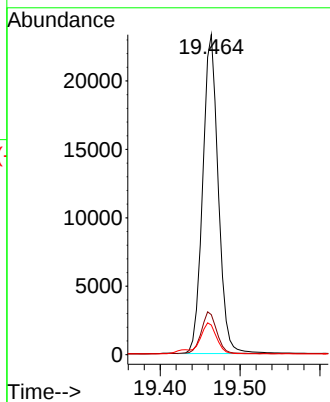
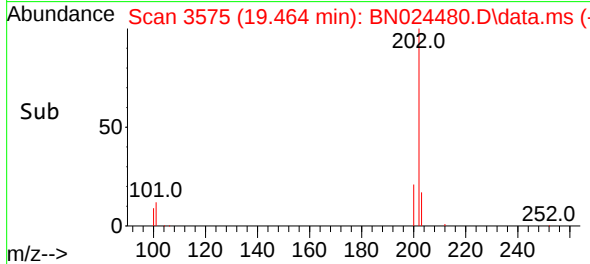
Instrument :
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Tgt Ion:202 Resp: 31538
Ion Ratio Lower Upper
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101 12.5 10.4 15.6
100 9.2 7.7 11.5

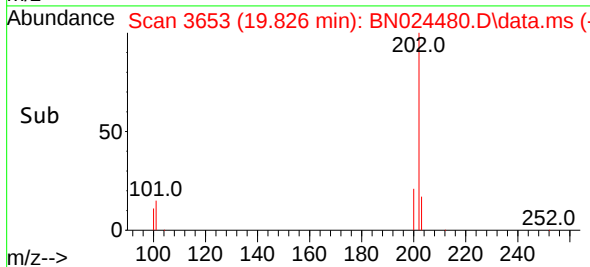
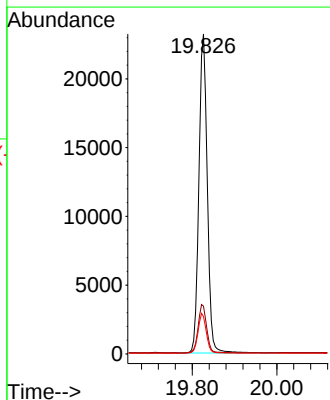
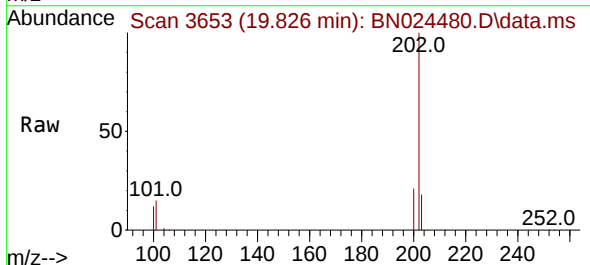
Manual Integrations
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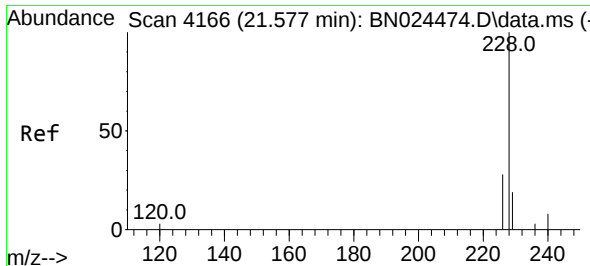
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#20
Pyrene
Concen: 0.492 ng/u1
RT: 19.826 min Scan# 3653
Delta R.T. -0.000 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

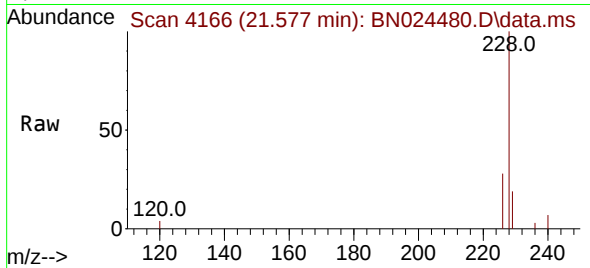
Tgt Ion:202 Resp: 31875
Ion Ratio Lower Upper
202 100
101 15.0 12.1 18.1
100 11.7 9.4 14.0





#21
Benzo(a)anthracene
Concen: 0.462 ng/u1
RT: 21.577 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

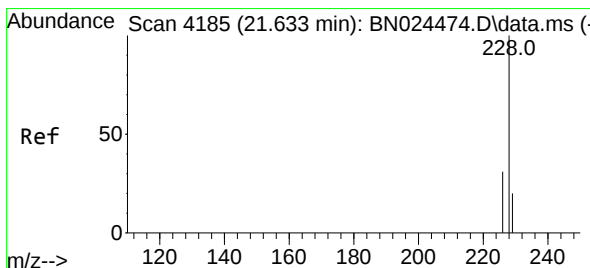
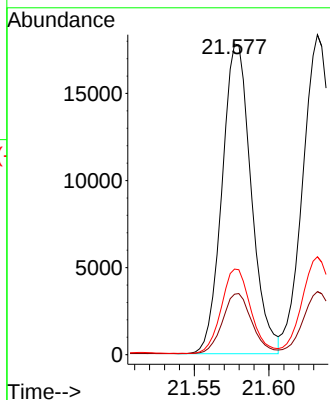
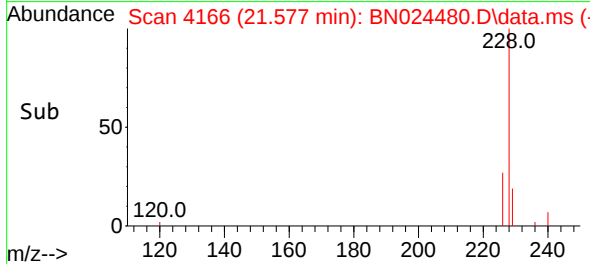
Instrument :
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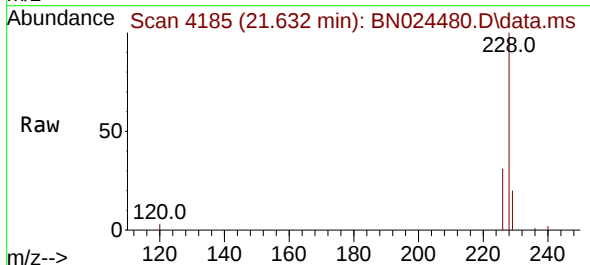
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Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.6
226 27.6 22.2 33.4

Manual Integrations
APPROVED

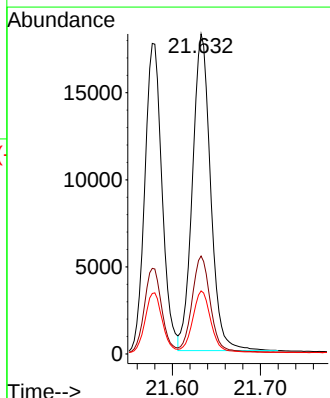
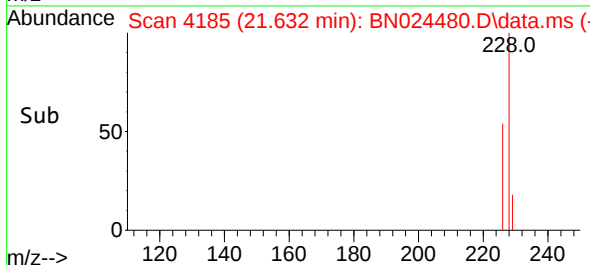
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

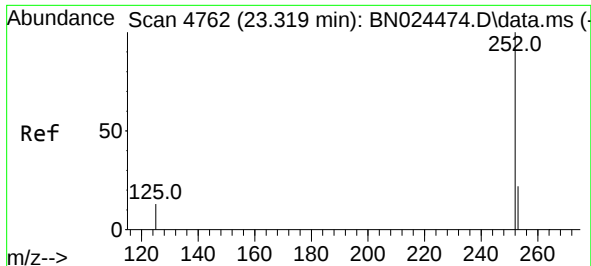


#22
Chrysene
Concen: 0.471 ng/u1
RT: 21.632 min Scan# 4185
Delta R.T. -0.000 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19



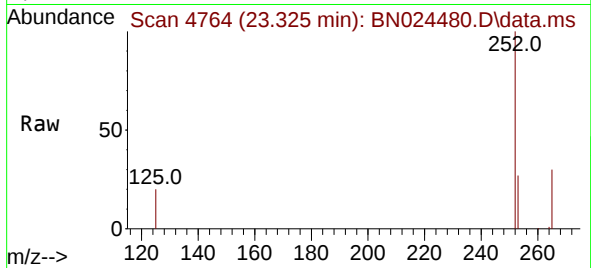
Tgt Ion:228 Resp: 26062
Ion Ratio Lower Upper
228 100
226 30.6 24.8 37.2
229 19.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.475 ng/ul
RT: 23.325 min Scan# 4764
Delta R.T. 0.009 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

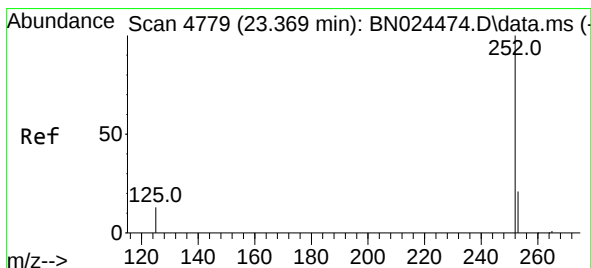
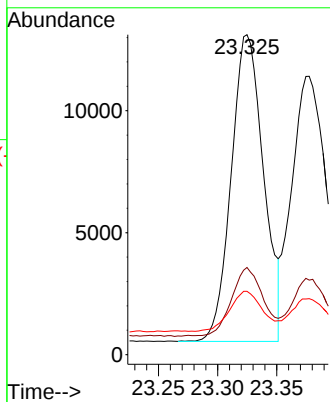
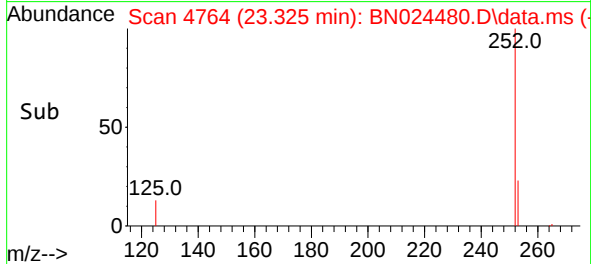
Instrument :
BNA_N
ClientSampleId :
SLCS298



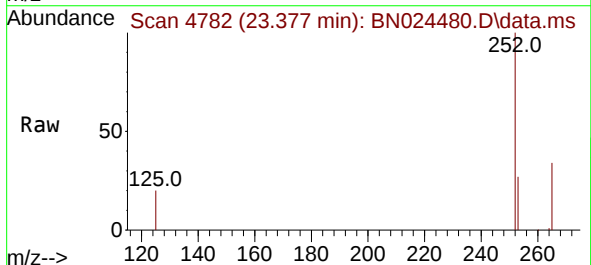
Tgt Ion:252 Resp: 23935
Ion Ratio Lower Upper
252 100
253 27.2 0.0 46.2
125 19.8 0.0 34.0

Manual Integrations
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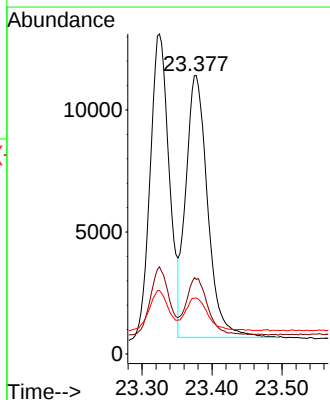
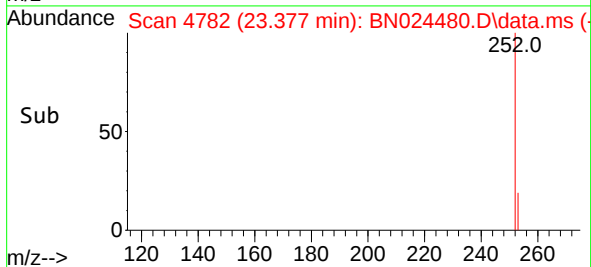
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

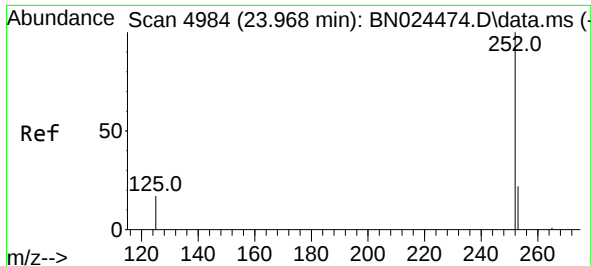


#25
Benzo(k)fluoranthene
Concen: 0.444 ng/ul
RT: 23.377 min Scan# 4782
Delta R.T. 0.012 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19



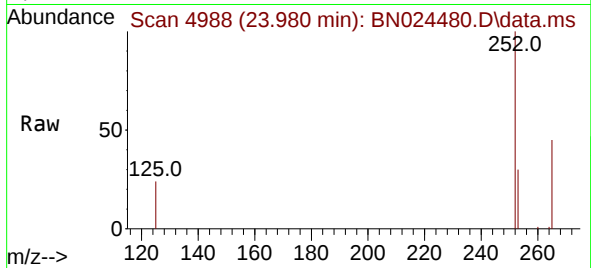
Tgt Ion:252 Resp: 23248
Ion Ratio Lower Upper
252 100
253 26.8 18.5 27.7
125 20.1 13.2 19.8#





#26
Benzo(a)pyrene
Concen: 0.439 ng/ul
RT: 23.980 min Scan# 4988
Delta R.T. 0.012 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

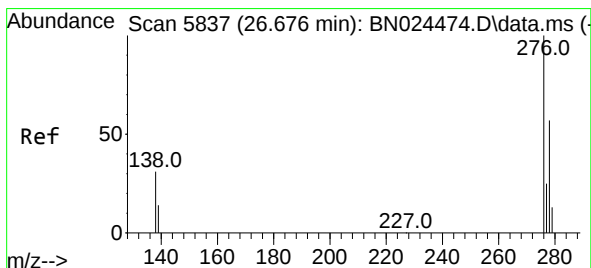
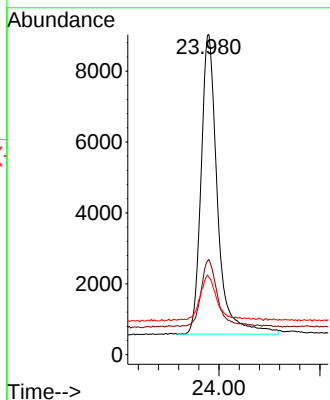
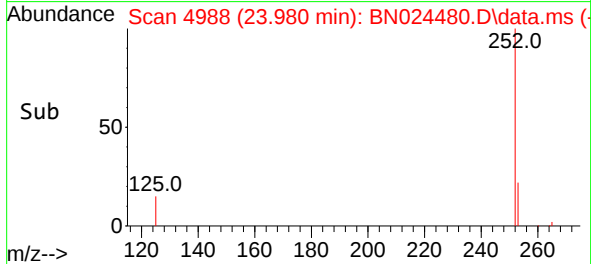
Instrument :
BNA_N
ClientSampleId :
SLCS298



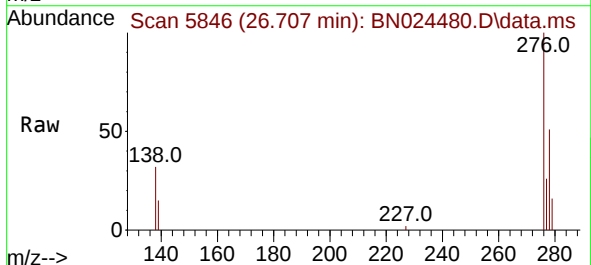
Tgt Ion:252 Resp: 19069
Ion Ratio Lower Upper
252 100
253 29.7 19.2 28.8
125 24.1 15.8 23.6

Manual Integrations
APPROVED

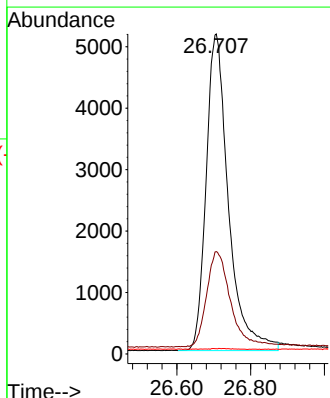
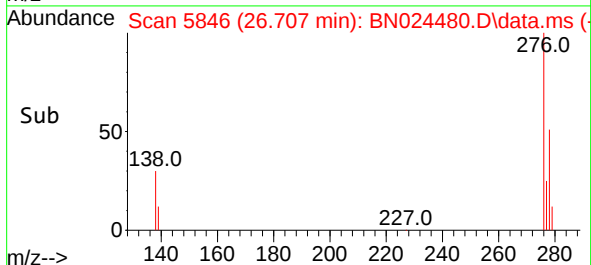
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

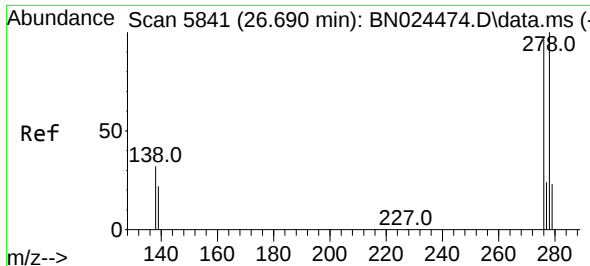


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.443 ng/ul
RT: 26.707 min Scan# 5846
Delta R.T. 0.034 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19



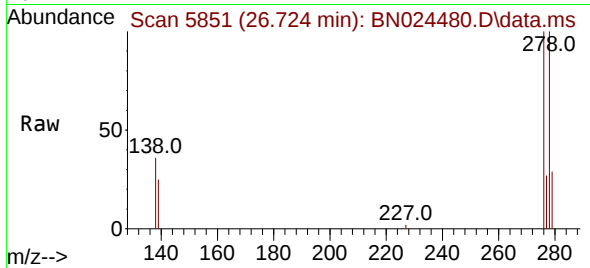
Tgt Ion:276 Resp: 21640
Ion Ratio Lower Upper
276 100
138 31.9 0.0 0.0#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 26.724 min Scan# 5851
Delta R.T. 0.031 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19

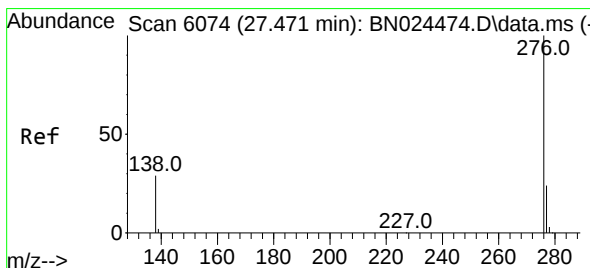
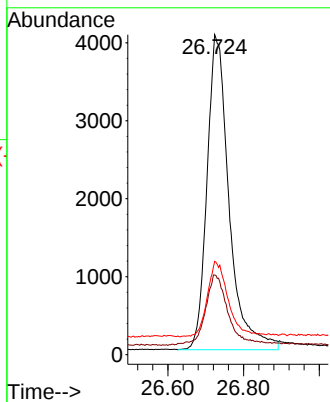
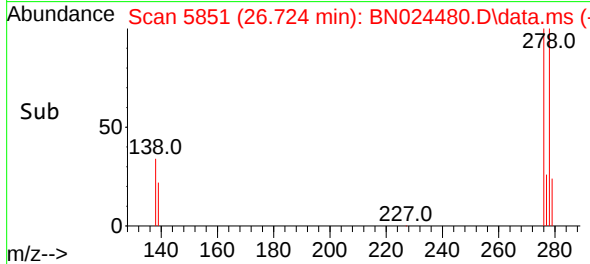
Instrument :
BNA_N
ClientSampleId :
SLCS298



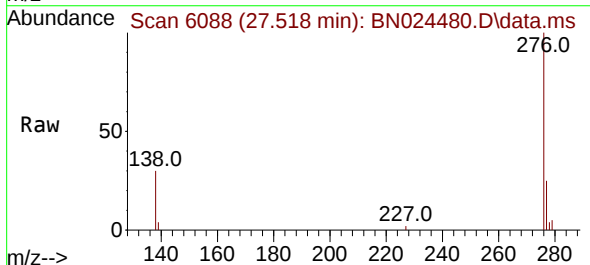
Tgt Ion: 278 Resp: 16380
Ion Ratio Lower Upper
278 100
139 24.9 21.0 31.6
279 29.2 20.4 30.6

Manual Integrations
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Reviewed By : Christian Giraldo 03/22/2023
Supervised By : Jagrut Upadhyay 03/22/2023



#29
Benzo(g,h,i)perylene
Concen: 0.468 ng/ul
RT: 27.518 min Scan# 6088
Delta R.T. 0.047 min
Lab File: BN024480.D
Acq: 22 Mar 2023 13:19



Tgt Ion: 276 Resp: 19856
Ion Ratio Lower Upper
276 100
138 30.0 25.2 37.8
277 25.0 19.4 29.2

