

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
 Data File : BN024778.D
 Acq On : 06 Apr 2023 13:08
 Operator : CG/JU
 Sample : PB151828BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS828

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/07/2023
 Supervised By : mohammad ahmed 04/07/2023

Quant Time: Apr 06 23:03:14 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 : Thu Apr 06 22:57:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	7386	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	21766	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	12037	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	26729	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	22431	0.400	ng/ul	0.00
23) Perylene-d12	23.987	264	20784	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	5807	0.766	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	11277	0.420	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	24654	0.449	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	16027	2.009	ng/ul	92
5) Naphthalene	10.814	128	21922	0.410	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	13784	0.414	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	14826	0.426	ng/ul	99
10) Acenaphthylene	14.316	152	18029	0.424	ng/ul	99
11) Acenaphthene	14.658	153	15835	0.429	ng/ul	99
12) Fluorene	15.643	166	18112	0.430	ng/ul	100
14) Pentachlorophenol	17.009	266	1735m	0.300	ng/ul	
15) Phenanthrene	17.385	178	31153	0.425	ng/ul	99
16) Anthracene	17.478	178	25819	0.422	ng/ul	100
19) Fluoranthene	19.401	202	35597	0.450	ng/ul	99
20) Pyrene	19.763	202	36059	0.448	ng/ul	99
21) Benzo(a)anthracene	21.514	228	32654	0.485	ng/ul	98
22) Chrysene	21.570	228	36091	0.487	ng/ul	99
24) Benzo(b)fluoranthene	23.233	252	37982	0.440	ng/ul	99
25) Benzo(k)fluoranthene	23.285	252	37084	0.446	ng/ul	98
26) Benzo(a)pyrene	23.873	252	31898	0.470	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.541	276	40969	0.506	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.564	278	32325	0.499	ng/ul	99
29) Benzo(g,h,i)perylene	27.329	276	34534	0.496	ng/ul	98

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

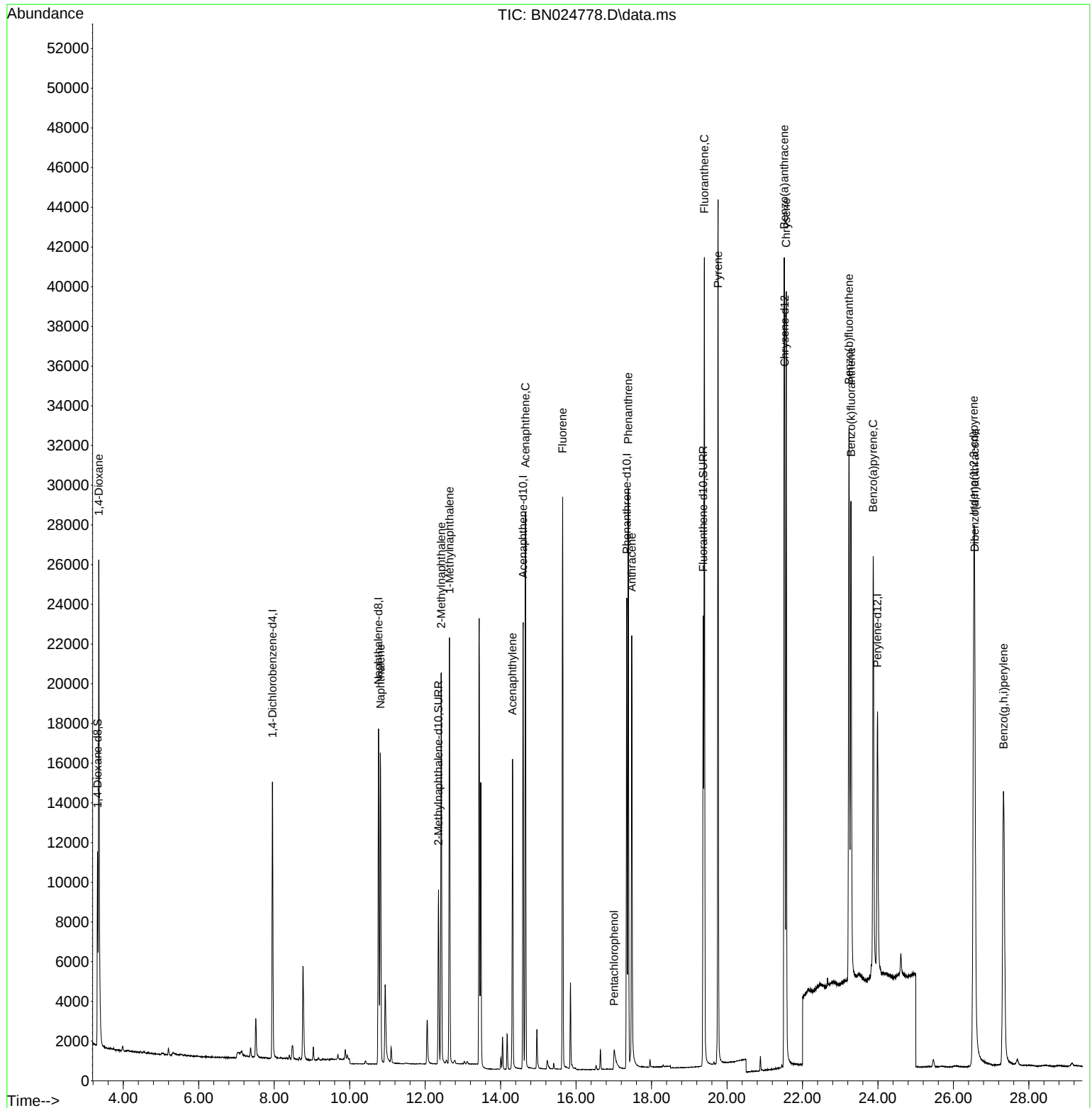
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
Data File : BN024778.D
Acq On : 06 Apr 2023 13:08
Operator : CG/JU
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ALS Vial : 6 Sample Multiplier: 1

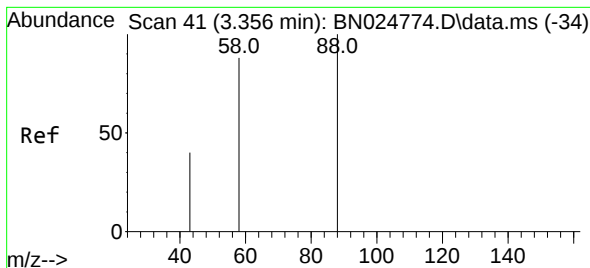
Instrument :
BNA_N
ClientSampleId :
SLCS828

Quant Time: Apr 06 23:03:14 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 : Thu Apr 06 22:57:45 2023
Response via : Initial Calibration

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APPROVED

Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023





#2

1,4-Dioxane

Concen: 2.009 ng/ul

RT: 3.352 min Scan# 40

Delta R.T. -0.004 min

Lab File: BN024778.D

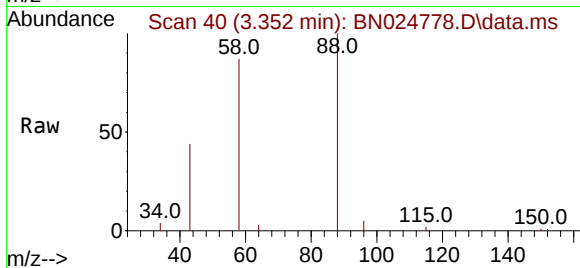
Acq: 06 Apr 2023 13:08

Instrument :

BNA_N

ClientSampleId :

SLCS828



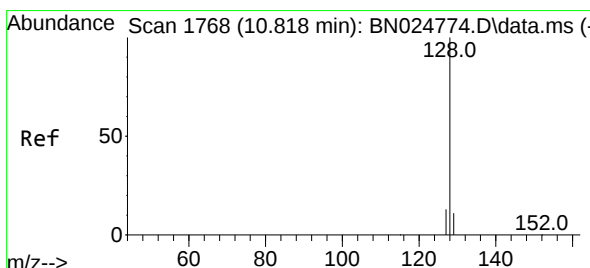
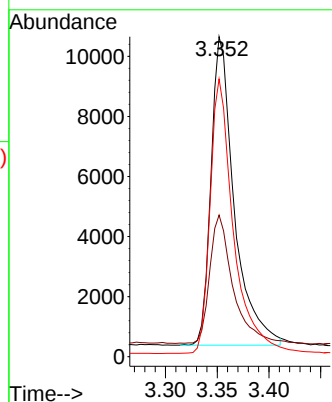
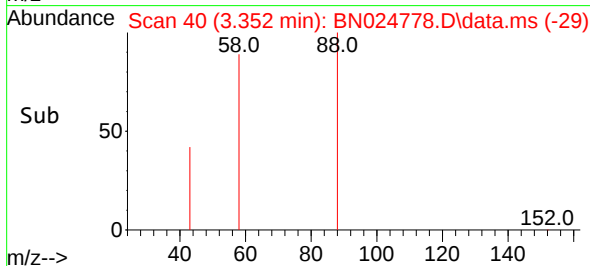
Tgt Ion: 88 Resp: 1602

Ion	Ratio	Lower	Upper
88	100		
43	44.2	37.2	55.8
58	86.8	61.5	92.3

Manual Integrations

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Supervised By :mohammad ahmed 04/07/2023



#5

Naphthalene

Concen: 0.410 ng/ul

RT: 10.814 min Scan# 1767

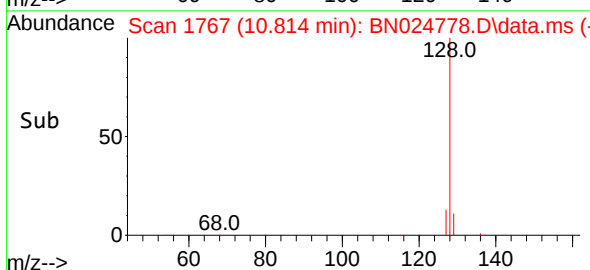
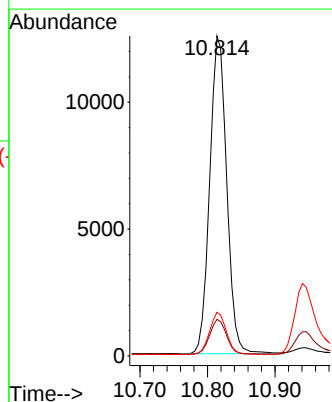
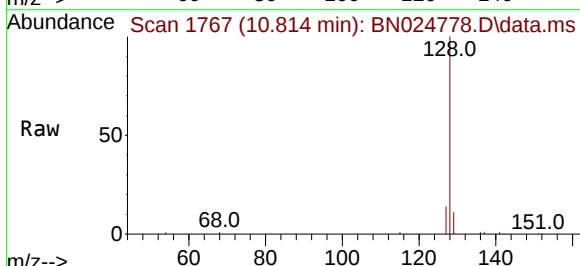
Delta R.T. -0.005 min

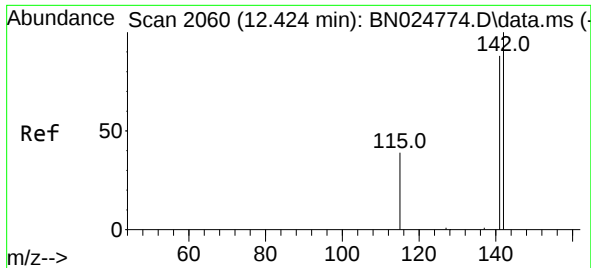
Lab File: BN024778.D

Acq: 06 Apr 2023 13:08

Tgt Ion:128 Resp: 21922

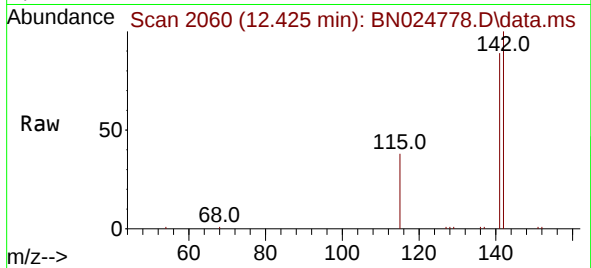
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.6	10.5	15.7





#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08

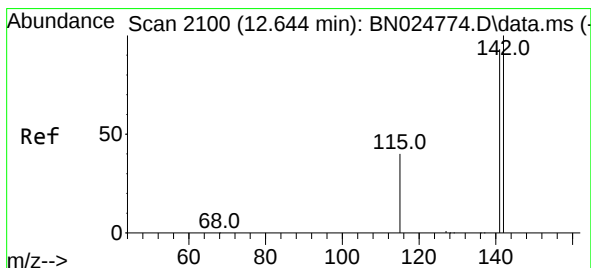
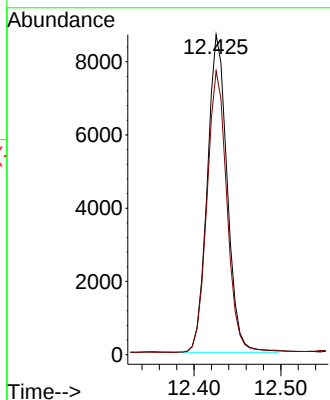
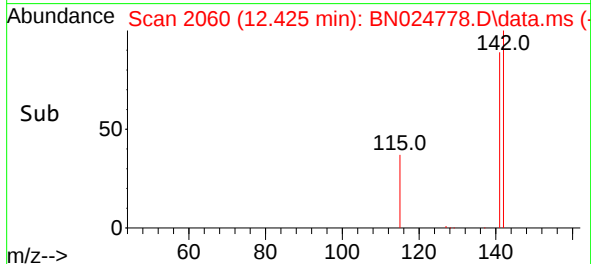
Instrument :
BNA_N
ClientSampleId :
SLCS828



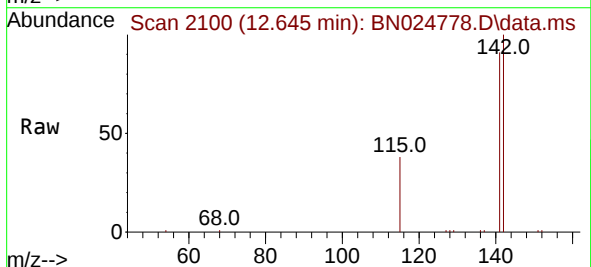
Tgt Ion:142 Resp: 13784
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3

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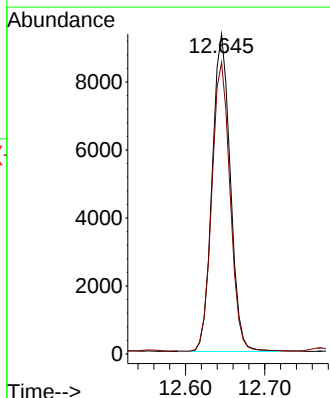
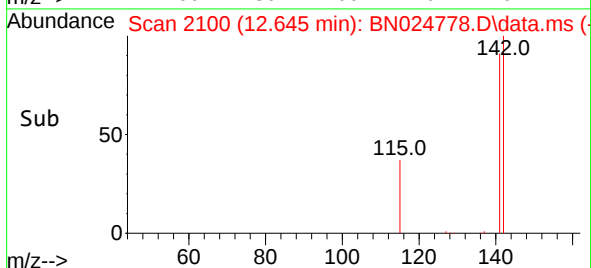
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023

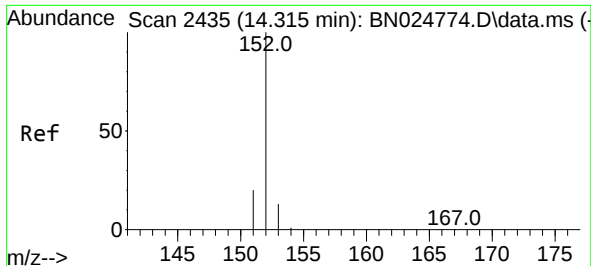


#8
1-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08



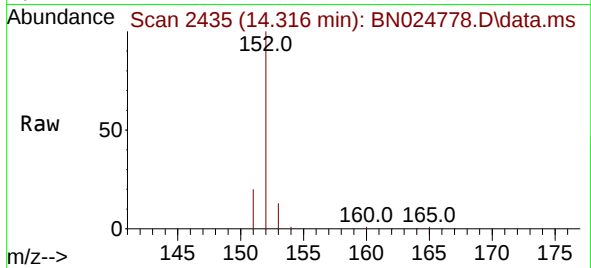
Tgt Ion:142 Resp: 14826
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3





#10
Acenaphthylene
Concen: 0.424 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08

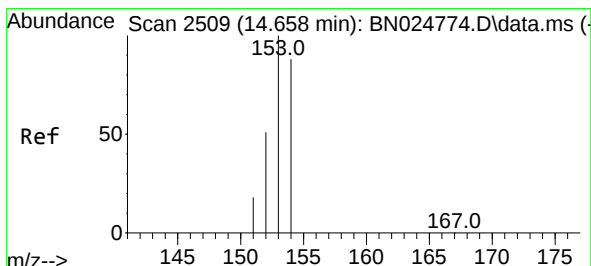
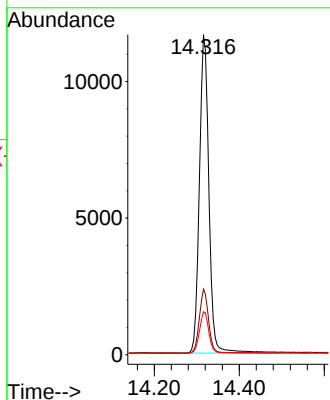
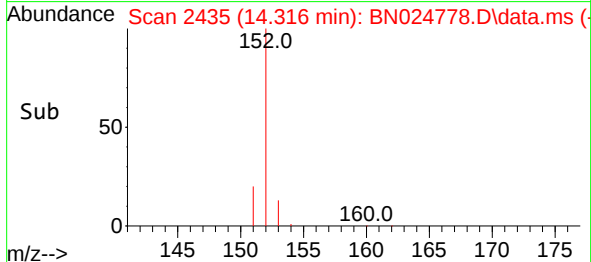
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 18029
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.4 10.6 16.0

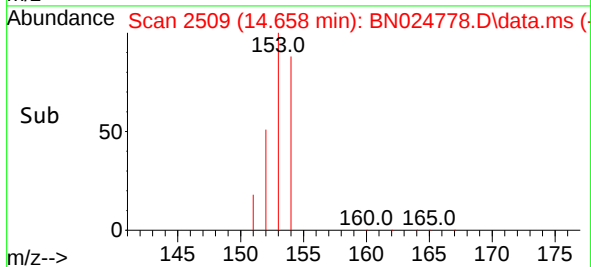
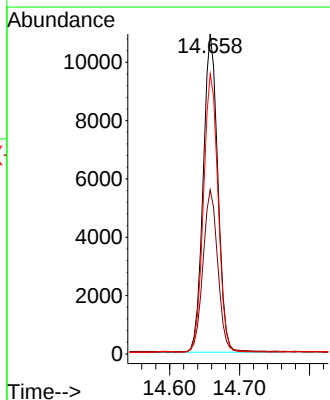
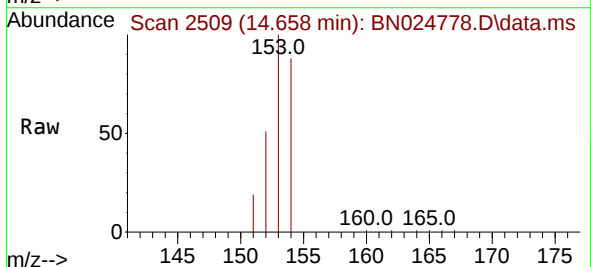
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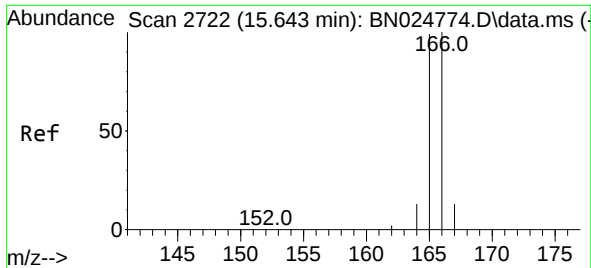
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#11
Acenaphthene
Concen: 0.429 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. 0.000 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08

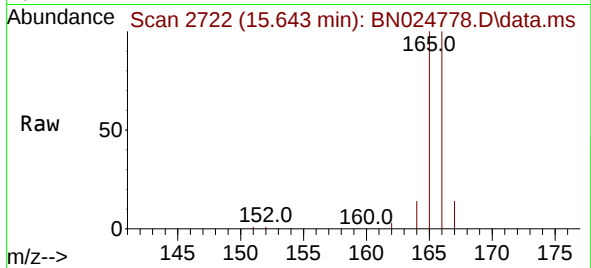
Tgt Ion:153 Resp: 15835
Ion Ratio Lower Upper
153 100
152 51.3 40.3 60.5
154 87.5 71.0 106.4





#12
Fluorene
Concen: 0.430 ng/ul
RT: 15.643 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08

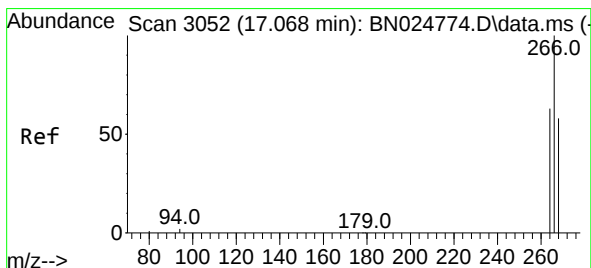
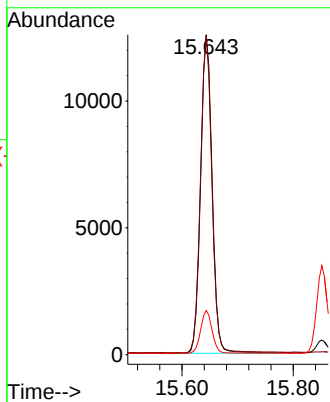
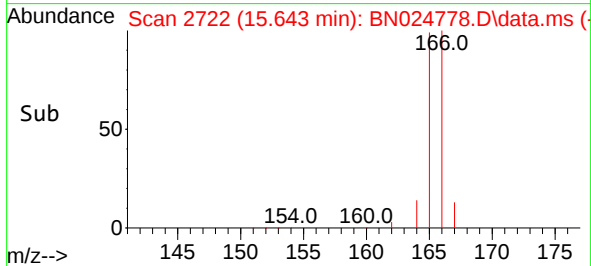
Instrument :
BNA_N
ClientSampleId :
SLCS828



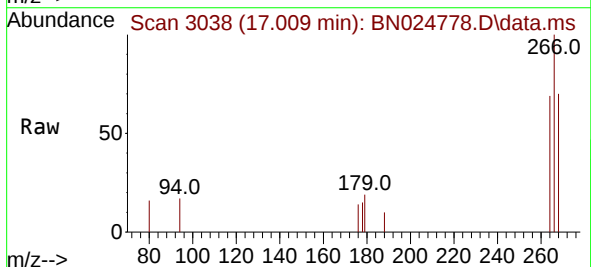
Tgt Ion:166 Resp: 1811
Ion Ratio Lower Upper
166 100
165 99.5 80.0 120.0
167 13.8 10.8 16.2

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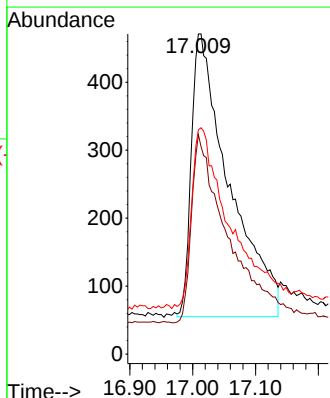
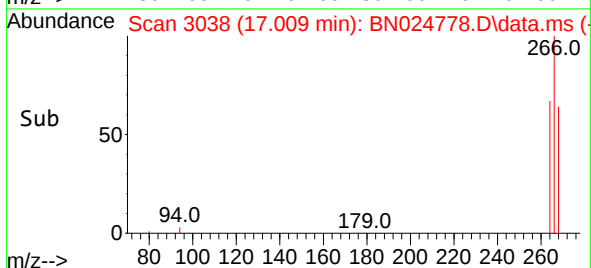
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023

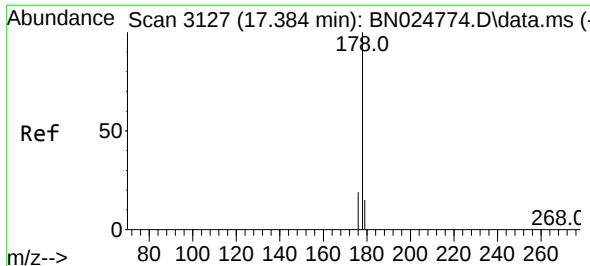


#14
Pentachlorophenol
Concen: 0.300 ng/ul m
RT: 17.009 min Scan# 3038
Delta R.T. 0.013 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08



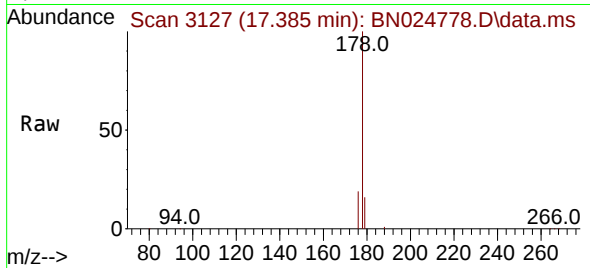
Tgt Ion:266 Resp: 1735
Ion Ratio Lower Upper
266 100
264 53.3 49.6 74.4
268 54.1 52.6 78.8





#15
Phenanthrene
Concen: 0.425 ng/u1
RT: 17.385 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08

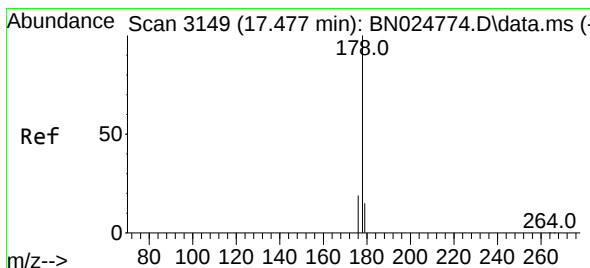
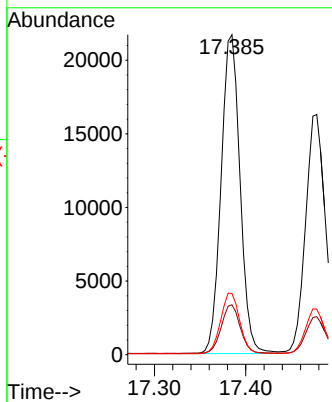
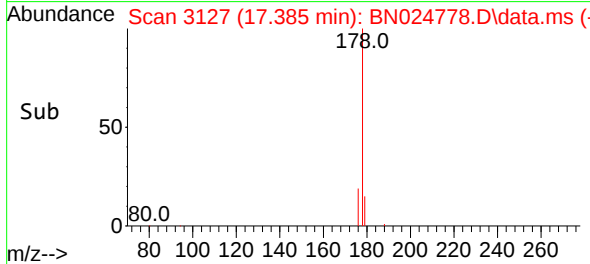
Instrument :
BNA_N
ClientSampleId :
SLCS828



Tgt Ion:178 Resp: 3115
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.1 15.5 23.3

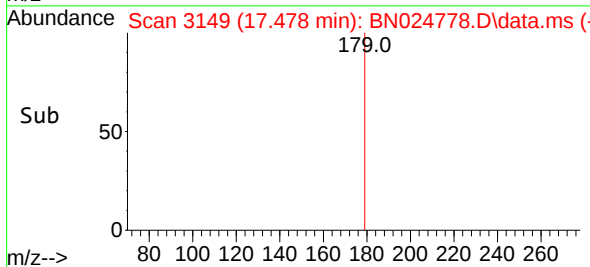
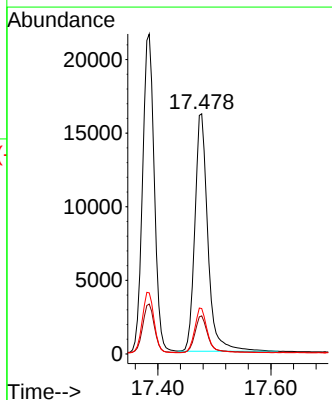
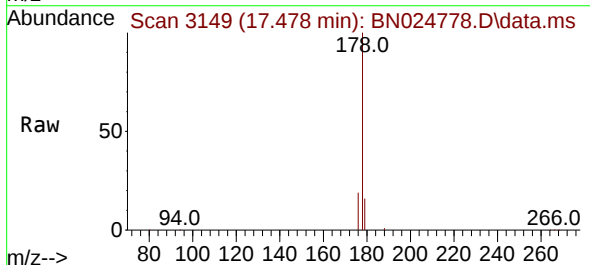
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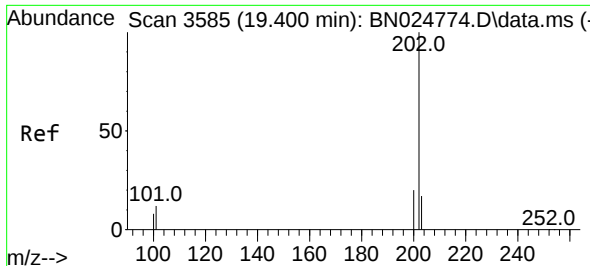
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#16
Anthracene
Concen: 0.422 ng/u1
RT: 17.478 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08

Tgt Ion:178 Resp: 25819
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 18.9 15.2 22.8





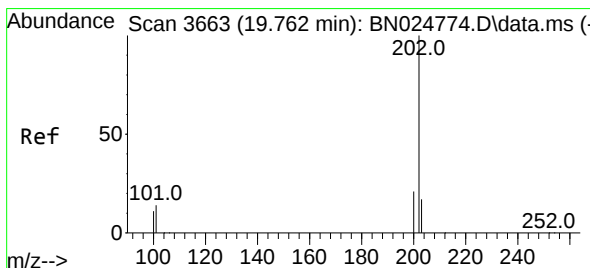
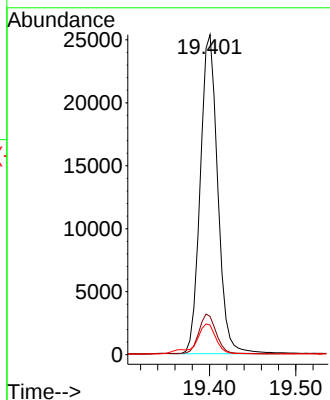
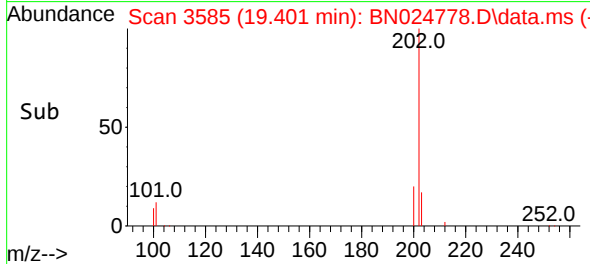
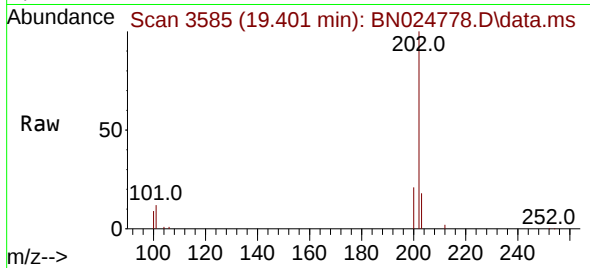
#19
Fluoranthene
Concen: 0.450 ng/u1
RT: 19.401 min Scan# 3585
Delta R.T. 0.000 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08

Instrument :
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ClientSampleId :
SLCS828

Tgt Ion:202 Resp: 3559
Ion Ratio Lower Upper
202 100
101 12.0 9.6 14.4
100 9.2 7.0 10.6

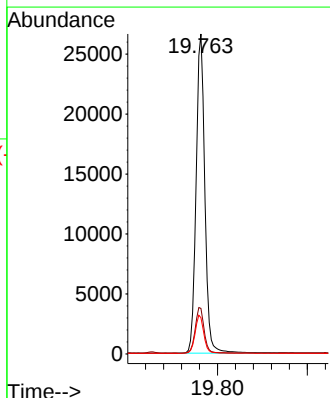
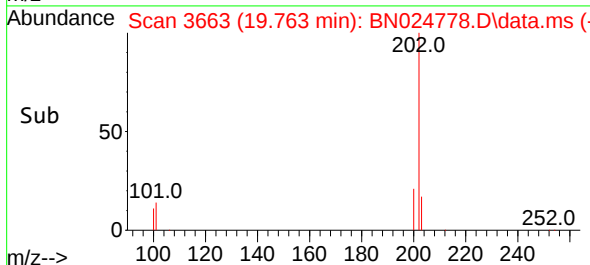
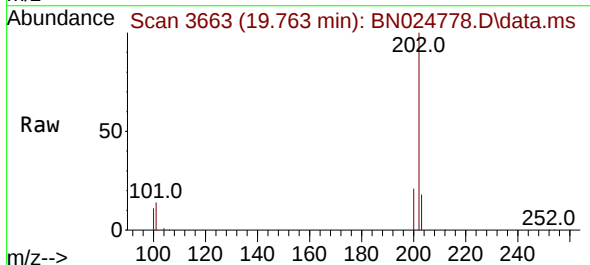
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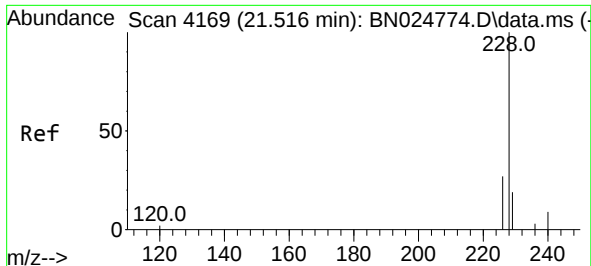
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#20
Pyrene
Concen: 0.448 ng/u1
RT: 19.763 min Scan# 3663
Delta R.T. 0.000 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08

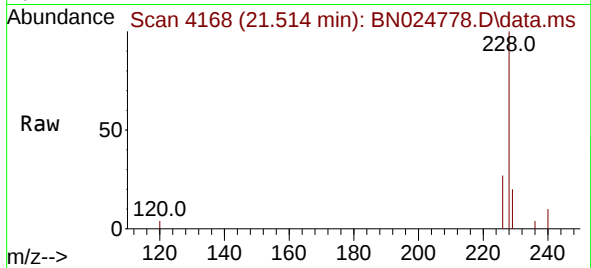
Tgt Ion:202 Resp: 36059
Ion Ratio Lower Upper
202 100
101 14.2 10.9 16.3
100 11.3 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.485 ng/u1
RT: 21.514 min Scan# 4169
Delta R.T. 0.000 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08

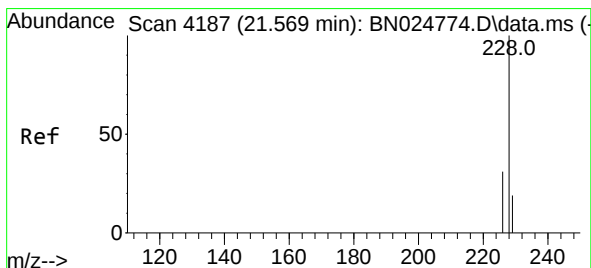
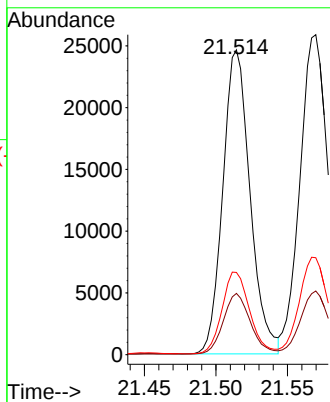
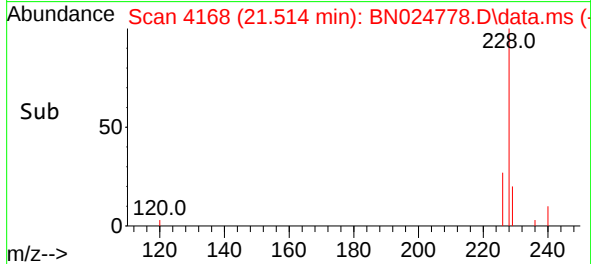
Instrument :
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SLCS828



Tgt Ion:228 Resp: 32654
Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 27.0 22.5 33.7

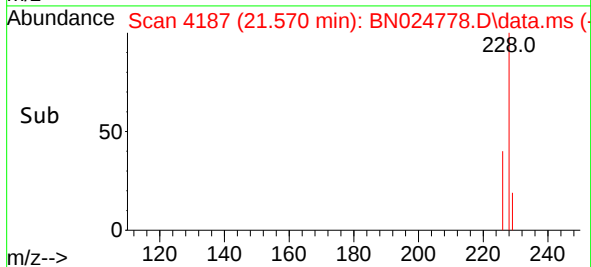
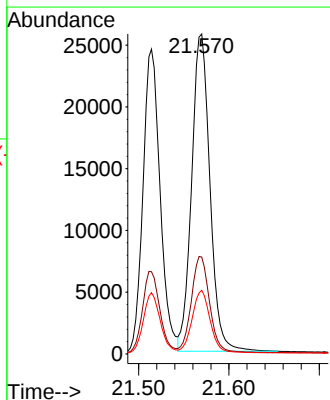
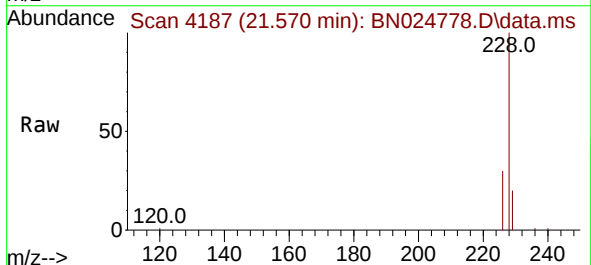
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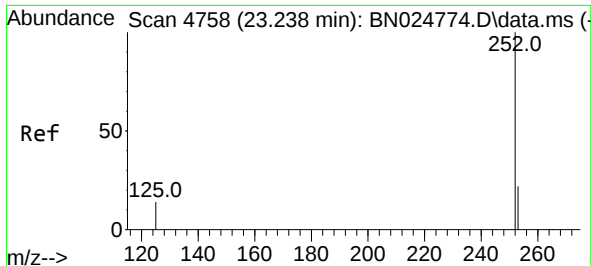
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#22
Chrysene
Concen: 0.487 ng/u1
RT: 21.570 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08

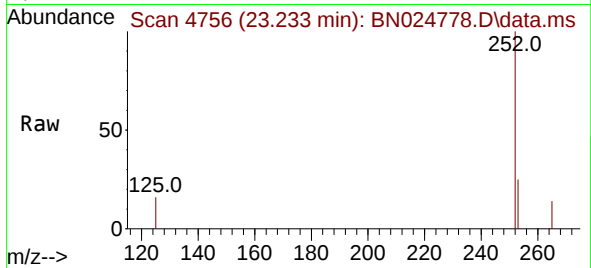
Tgt Ion:228 Resp: 36091
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.9 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.440 ng/ul
RT: 23.233 min Scan# 4756
Delta R.T. 0.000 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08

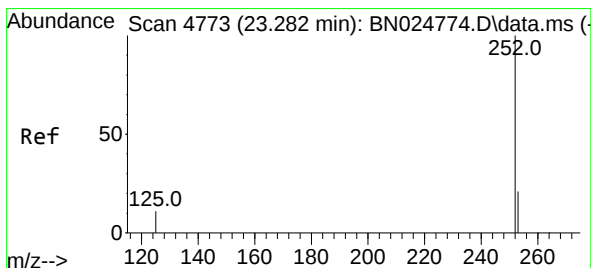
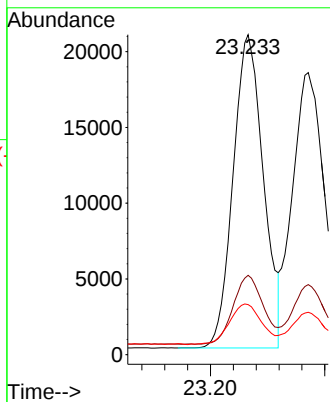
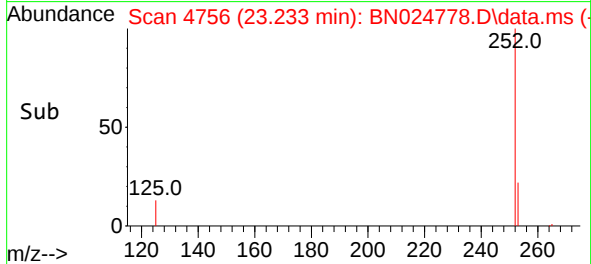
Instrument :
BNA_N
ClientSampleId :
SLCS828



Tgt Ion:252 Resp: 3798
Ion Ratio Lower Upper
252 100
253 24.8 0.0 49.6
125 15.6 0.0 32.4

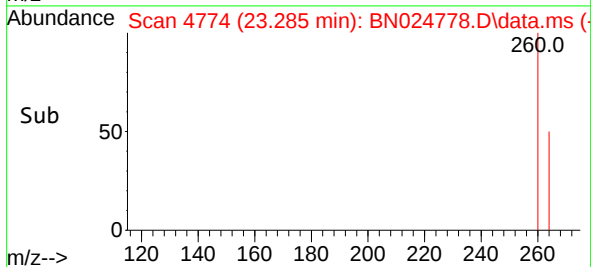
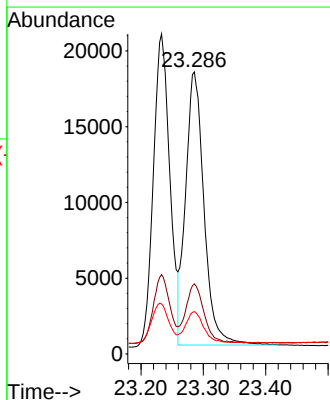
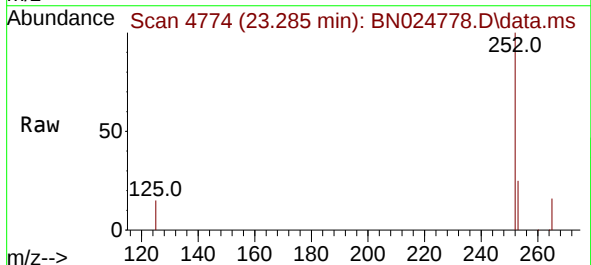
Manual Integrations
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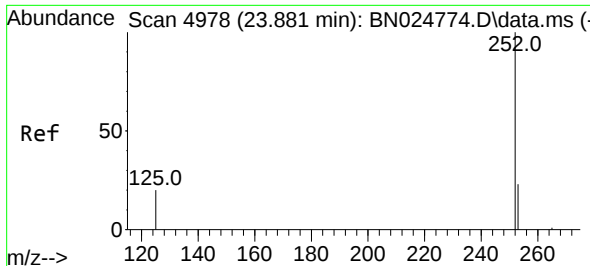
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#25
Benzo(k)fluoranthene
Concen: 0.446 ng/ul
RT: 23.285 min Scan# 4774
Delta R.T. 0.006 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08

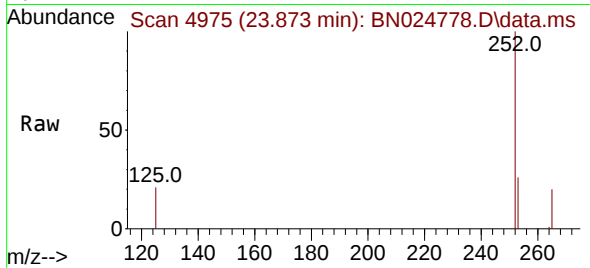
Tgt Ion:252 Resp: 37084
Ion Ratio Lower Upper
252 100
253 24.9 20.2 30.2
125 15.1 13.1 19.7





#26
Benzo(a)pyrene
Concen: 0.470 ng/ul
RT: 23.873 min Scan# 4978
Delta R.T. 0.000 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08

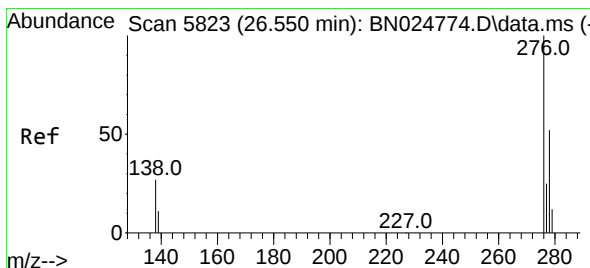
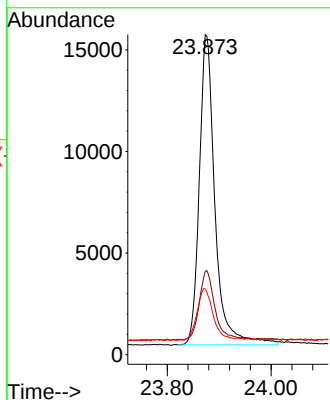
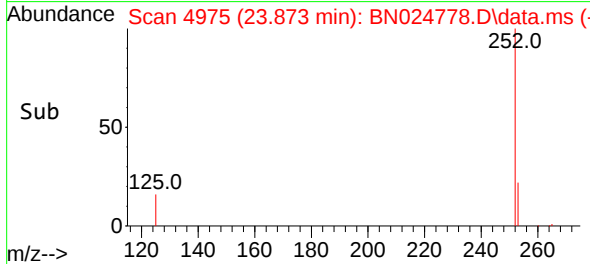
Instrument :
BNA_N
ClientSampleId :
SLCS828



Tgt Ion:252 Resp: 31898
Ion Ratio Lower Upper
252 100
253 26.0 21.8 32.8
125 20.5 15.4 23.0

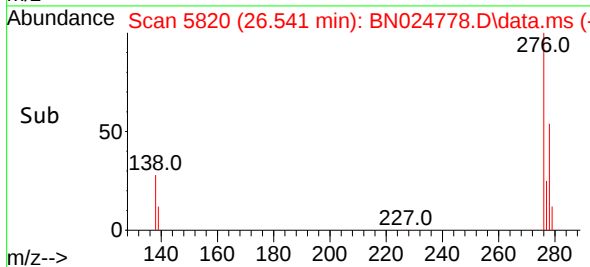
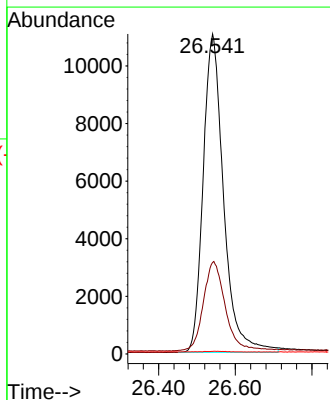
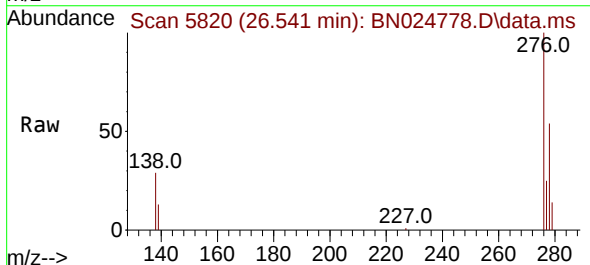
Manual Integrations
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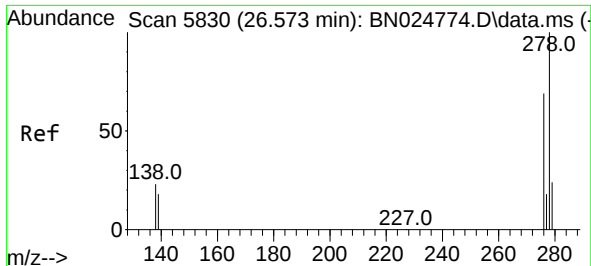
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.506 ng/ul
RT: 26.541 min Scan# 5820
Delta R.T. 0.020 min
Lab File: BN024778.D
Acq: 06 Apr 2023 13:08

Tgt Ion:276 Resp: 40969
Ion Ratio Lower Upper
276 100
138 30.5 24.6 36.8
227 0.2 0.1 0.1





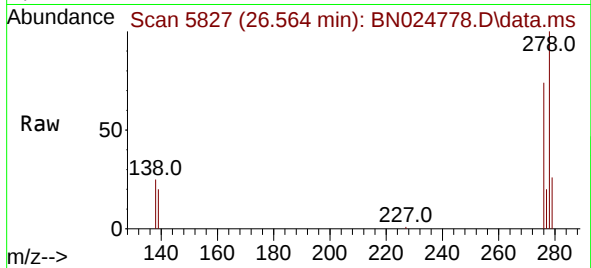
#28
 Dibenzo(a,h)anthracene
 Concen: 0.499 ng/ul
 RT: 26.564 min Scan# 5827
 Delta R.T. 0.030 min
 Lab File: BN024778.D
 Acq: 06 Apr 2023 13:08

Instrument :

BNA_N

ClientSampleId :

SLCS828

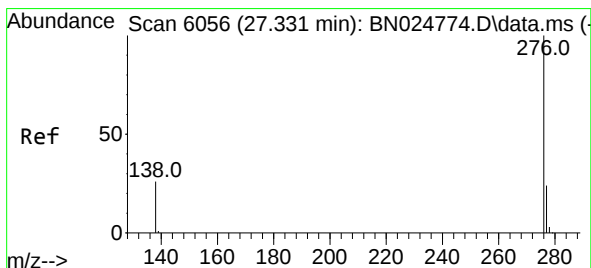
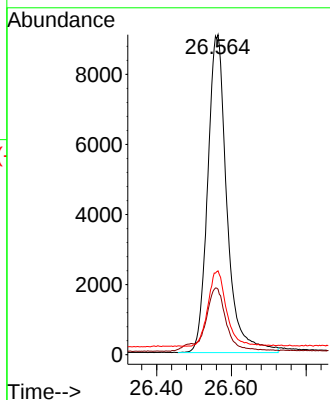


Tgt Ion:278 Resp: 3232
 Ion Ratio Lower Upper
 278 100
 139 20.4 16.5 24.7
 279 26.2 21.8 32.8

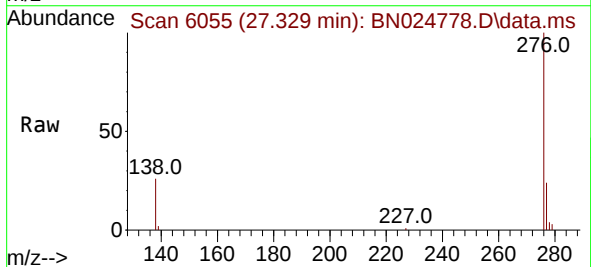
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/07/2023
 Supervised By :mohammad ahmed 04/07/2023



#29
 Benzo(g,h,i)perylene
 Concen: 0.496 ng/ul
 RT: 27.329 min Scan# 6055
 Delta R.T. 0.023 min
 Lab File: BN024778.D
 Acq: 06 Apr 2023 13:08



Tgt Ion:276 Resp: 34534
 Ion Ratio Lower Upper
 276 100
 138 26.1 21.4 32.2
 277 23.8 19.8 29.6

