

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
 Data File : BN024777.D
 Acq On : 06 Apr 2023 12:32
 Operator : CG/JU
 Sample : PB151732BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS732

Manual Integrations
 APPROVED

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

Quant Time: Apr 06 23:01:41 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	7774	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	22079	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.594	164	12744	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.339	188	28149	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	23889	0.400	ng/ul	0.00
23) Perylene-d12	23.973	264	22668	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	6071	0.761	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	11994	0.440	ng/ul	0.00
18) Fluoranthene-d10	19.369	212	26488	0.453	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	16750	1.995	ng/ul	93
5) Naphthalene	10.814	128	22232	0.410	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	14632	0.433	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	15640	0.443	ng/ul	100
10) Acenaphthylene	14.317	152	19040	0.423	ng/ul	100
11) Acenaphthene	14.659	153	16810	0.430	ng/ul	99
12) Fluorene	15.644	166	19122	0.428	ng/ul	99
14) Pentachlorophenol	17.001	266	2308m	0.379	ng/ul	
15) Phenanthrene	17.381	178	32747	0.424	ng/ul	100
16) Anthracene	17.474	178	27435	0.426	ng/ul	100
19) Fluoranthene	19.397	202	38000	0.451	ng/ul	97
20) Pyrene	19.759	202	39198	0.457	ng/ul	97
21) Benzo(a)anthracene	21.512	228	35293	0.492	ng/ul	99
22) Chrysene	21.568	228	38603	0.489	ng/ul	100
24) Benzo(b)fluoranthene	23.225	252	39932	0.424	ng/ul	100
25) Benzo(k)fluoranthene	23.275	252	38856	0.429	ng/ul	98
26) Benzo(a)pyrene	23.862	252	33415	0.451	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.511	276	41948	0.475	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.528	278	33157	0.470	ng/ul	98
29) Benzo(g,h,i)perylene	27.289	276	35603	0.469	ng/ul	99

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

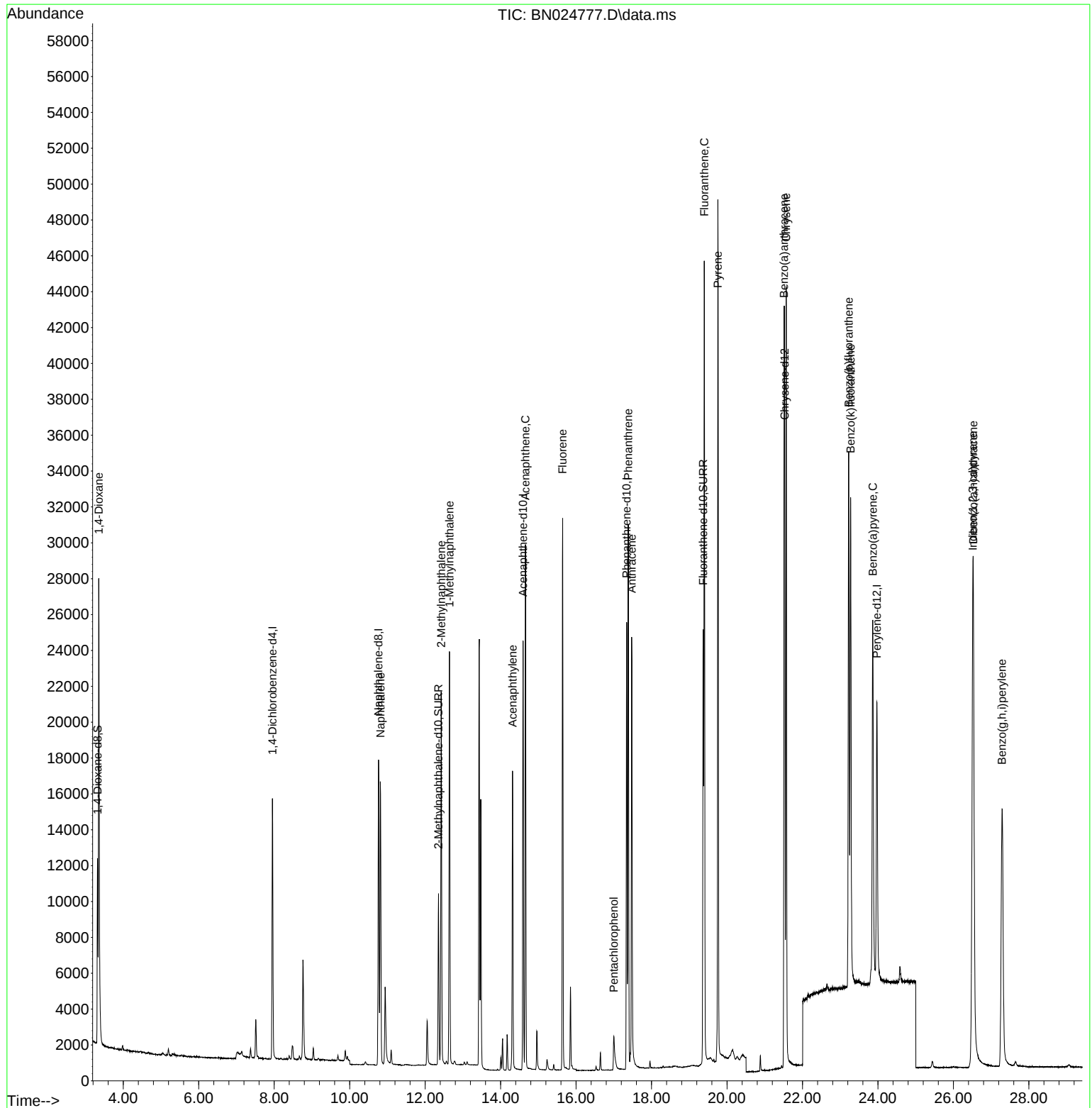
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
Data File : BN024777.D
Acq On : 06 Apr 2023 12:32
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ALS Vial : 5 Sample Multiplier: 1

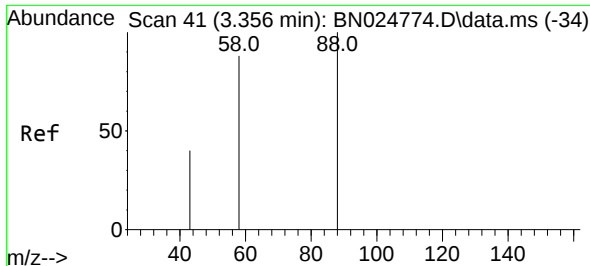
Instrument :
BNA_N
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Quant Time: Apr 06 23:01:41 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 22:57:45 2023
Response via : Initial Calibration

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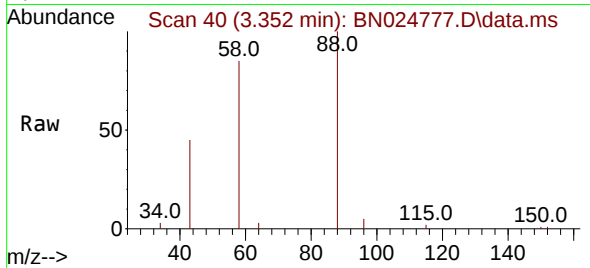
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023





#2
1,4-Dioxane
Concen: 1.995 ng/ul
RT: 3.352 min Scan# 40
Delta R.T. -0.004 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

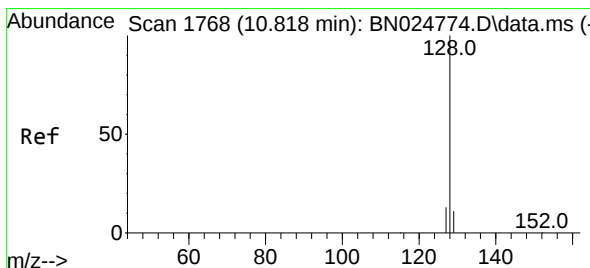
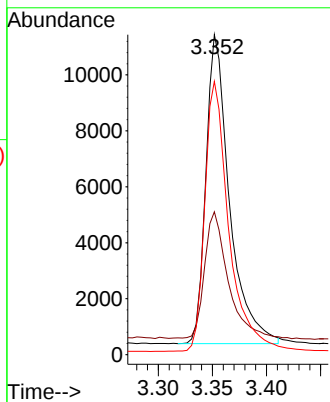
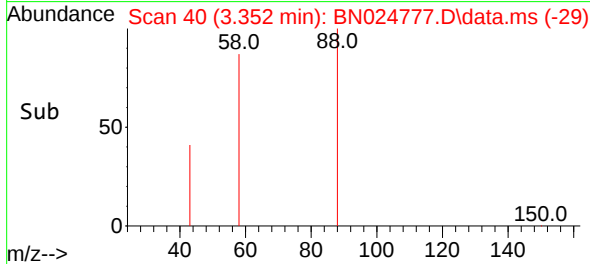
Instrument :
BNA_N
ClientSampleId :
SLCS732



Tgt Ion: 88 Resp: 16750
Ion Ratio Lower Upper
88 100
43 44.6 37.2 55.8
58 85.4 61.5 92.3

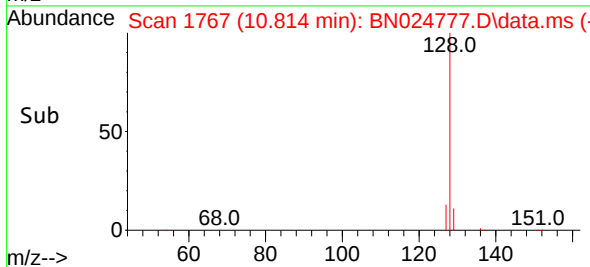
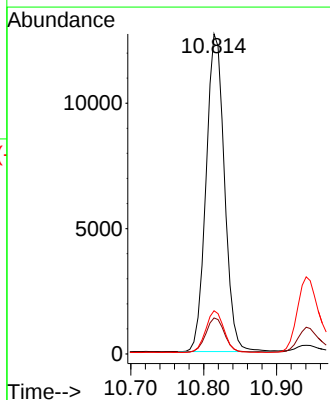
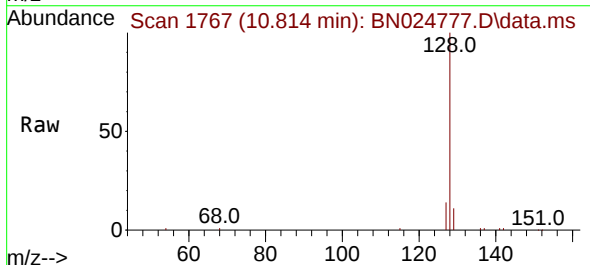
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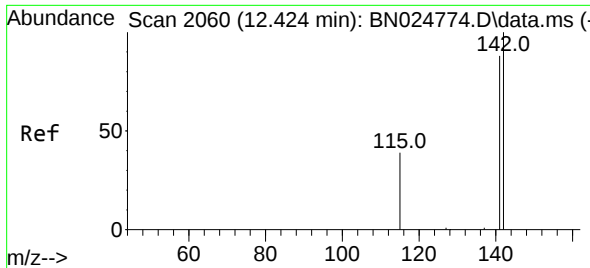
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#5
Naphthalene
Concen: 0.410 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

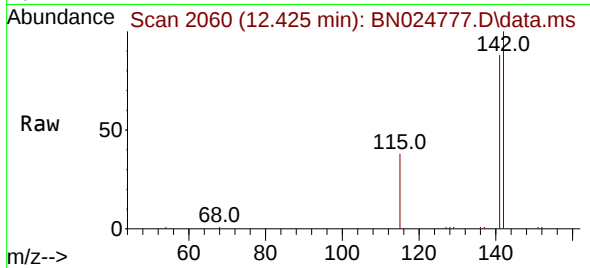
Tgt Ion:128 Resp: 22232
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.5 15.7





#7
2-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

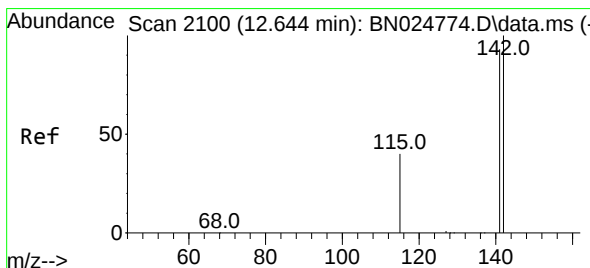
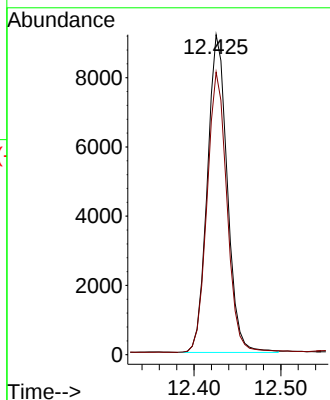
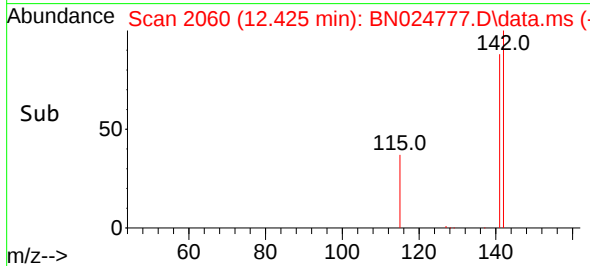
Instrument :
BNA_N
ClientSampleId :
SLCS732



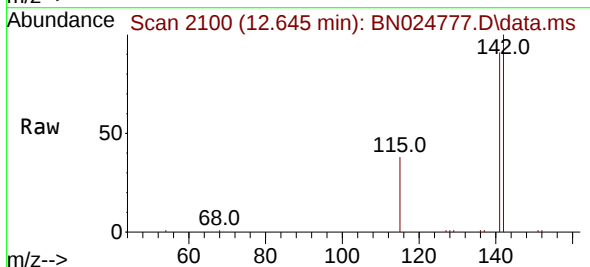
Tgt Ion:142 Resp: 14632
Ion Ratio Lower Upper
142 100
141 87.9 70.9 106.3

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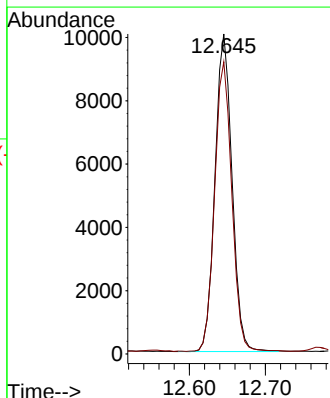
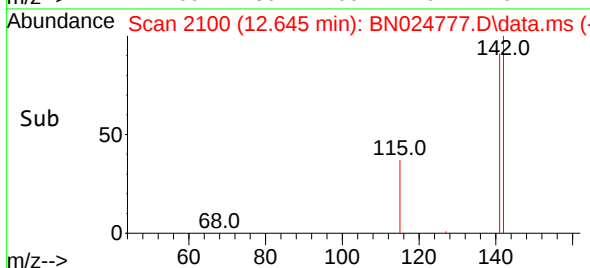
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023

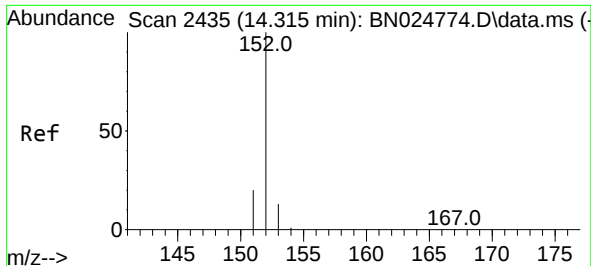


#8
1-Methylnaphthalene
Concen: 0.443 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32



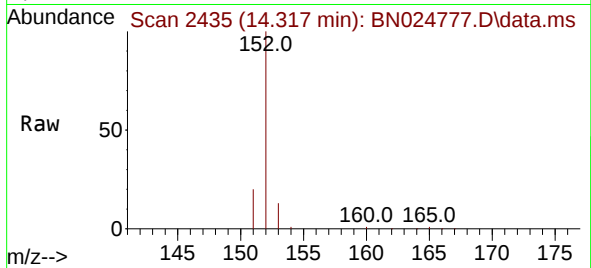
Tgt Ion:142 Resp: 15640
Ion Ratio Lower Upper
142 100
141 91.7 73.5 110.3





#10
Acenaphthylene
Concen: 0.423 ng/ul
RT: 14.317 min Scan# 2435
Delta R.T. 0.001 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

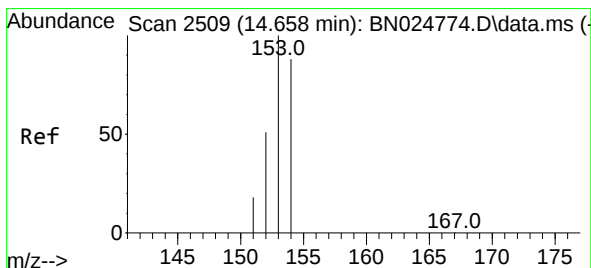
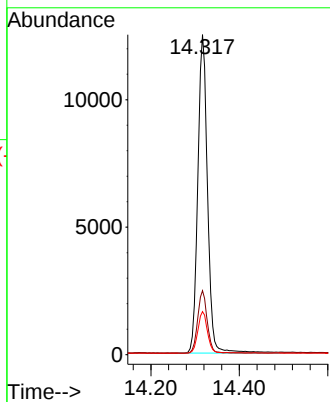
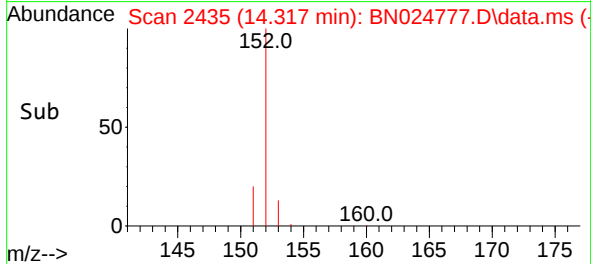
Instrument :
BNA_N
ClientSampleId :
SLCS732



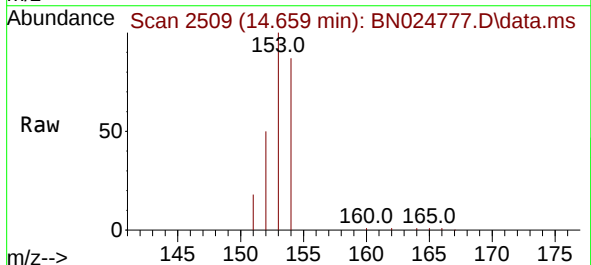
Tgt Ion:152 Resp: 19040
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.5 10.6 16.0

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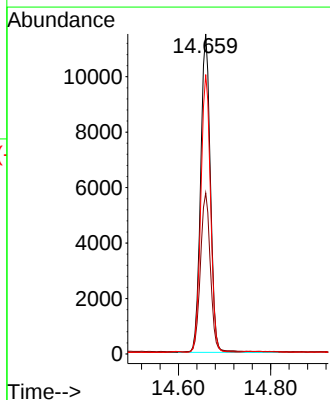
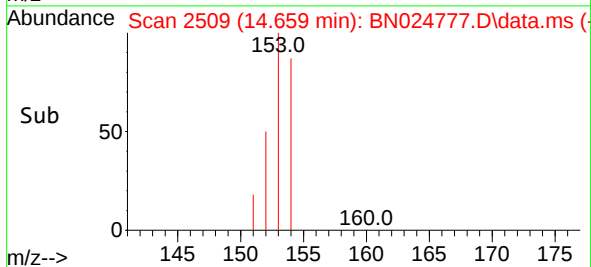
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023

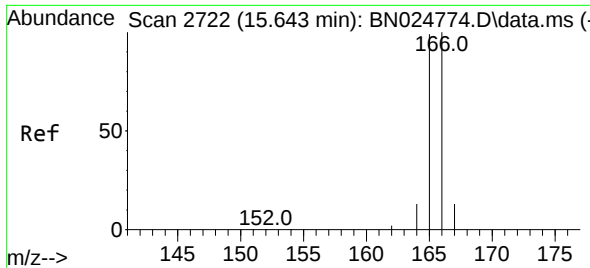


#11
Acenaphthene
Concen: 0.430 ng/ul
RT: 14.659 min Scan# 2509
Delta R.T. 0.001 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32



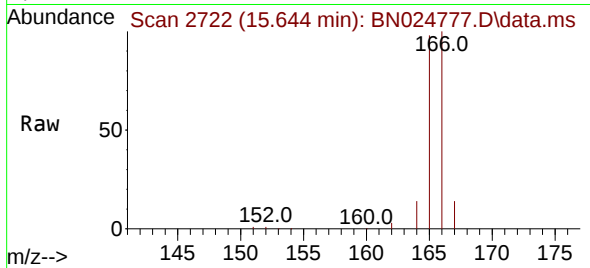
Tgt Ion:153 Resp: 16810
Ion Ratio Lower Upper
153 100
152 50.3 40.3 60.5
154 87.3 71.0 106.4





#12
Fluorene
Concen: 0.428 ng/ul
RT: 15.644 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

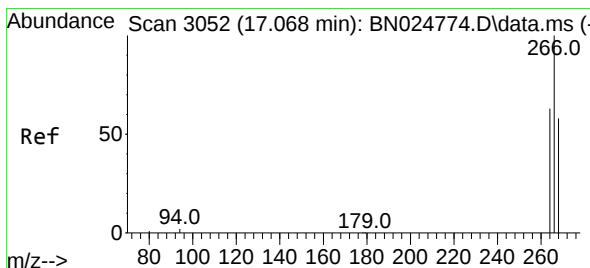
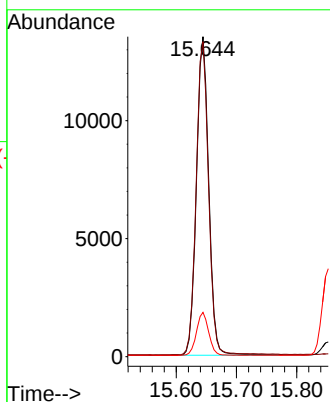
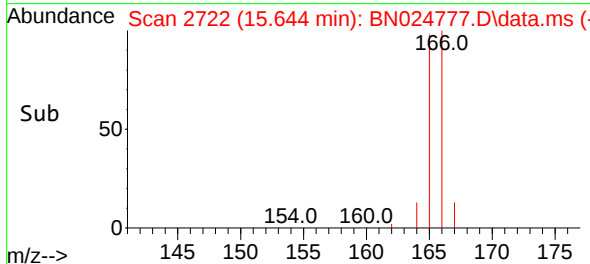
Instrument :
BNA_N
ClientSampleId :
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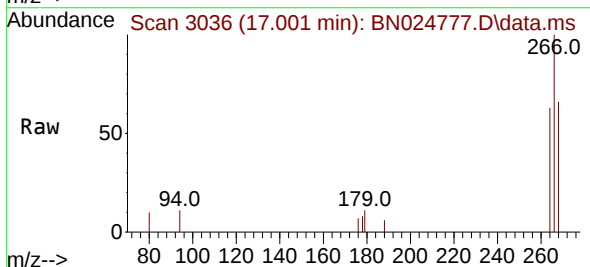
Tgt Ion:166 Resp: 1912
Ion Ratio Lower Upper
166 100
165 98.4 80.0 120.0
167 13.8 10.8 16.2

Manual Integrations
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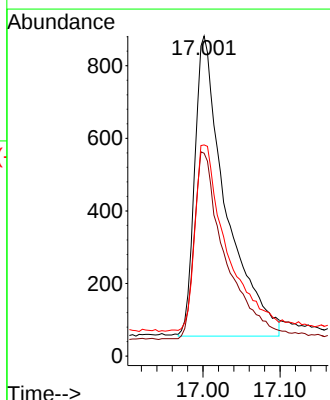
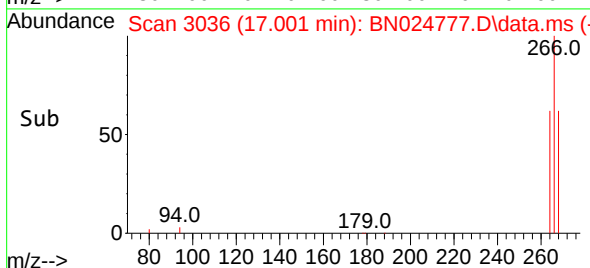
Reviewed By :Christian Giraldo 04/07/2023
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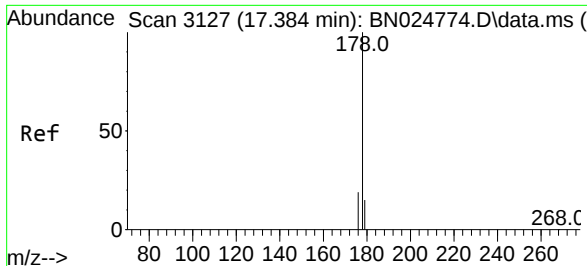


#14
Pentachlorophenol
Concen: 0.379 ng/ul m
RT: 17.001 min Scan# 3036
Delta R.T. 0.005 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32



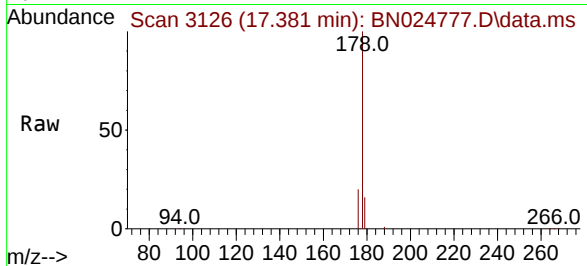
Tgt Ion:266 Resp: 2308
Ion Ratio Lower Upper
266 100
264 60.3 49.6 74.4
268 61.6 52.6 78.8





#15
Phenanthrene
Concen: 0.424 ng/ul
RT: 17.381 min Scan# 3127
Delta R.T. -0.003 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

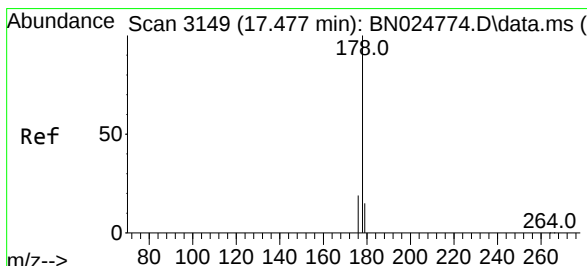
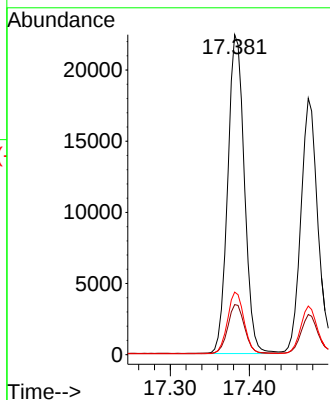
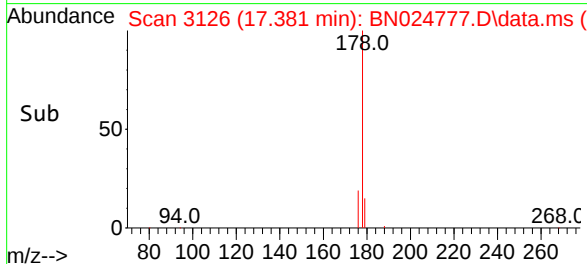
Instrument :
BNA_N
ClientSampleId :
SLCS732



Tgt Ion:178 Resp: 3274
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.6 15.5 23.3

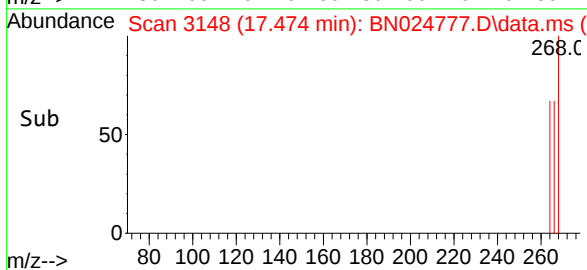
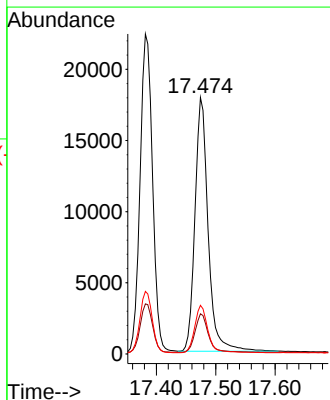
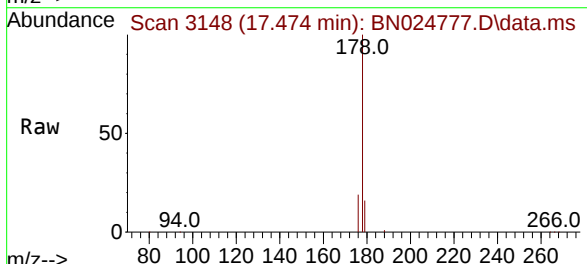
Manual Integrations
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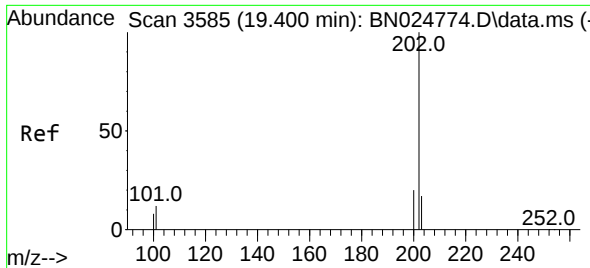
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#16
Anthracene
Concen: 0.426 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.003 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

Tgt Ion:178 Resp: 27435
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.0 15.2 22.8





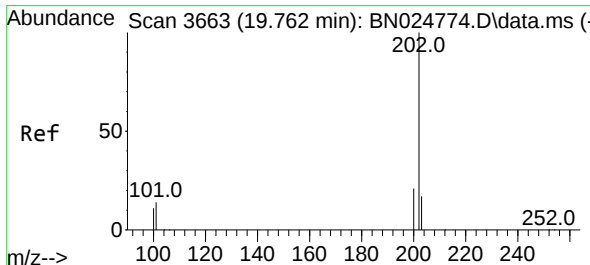
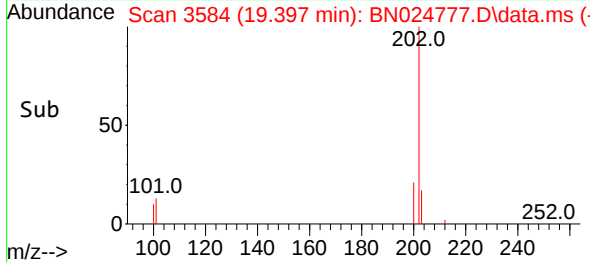
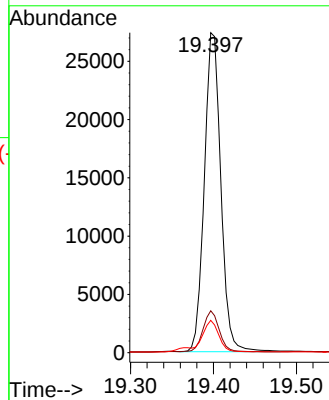
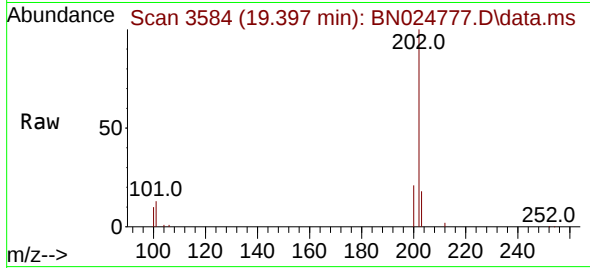
#19
Fluoranthene
Concen: 0.451 ng/u1
RT: 19.397 min Scan# 3585
Delta R.T. -0.004 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

Instrument :
BNA_N
ClientSampleId :
SLCS732

Tgt Ion:202 Resp: 38000
Ion Ratio Lower Upper
202 100
101 13.1 9.6 14.4
100 10.1 7.0 10.6

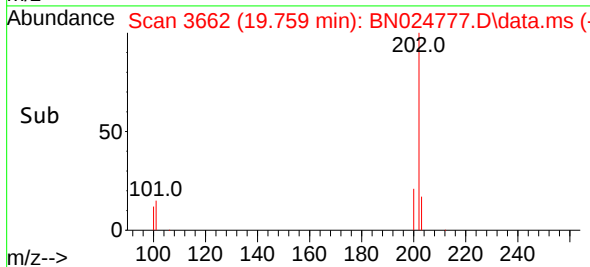
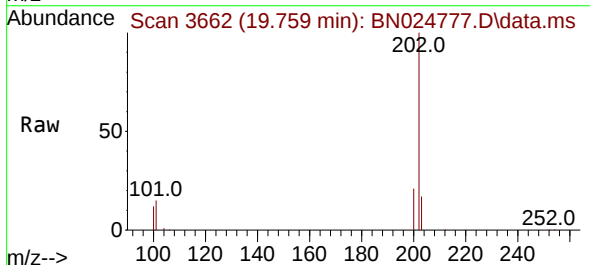
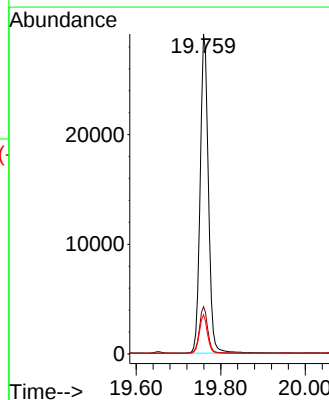
Manual Integrations
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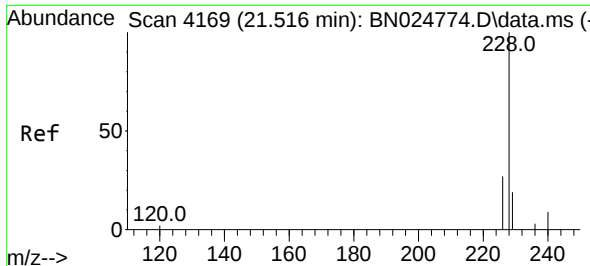
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#20
Pyrene
Concen: 0.457 ng/u1
RT: 19.759 min Scan# 3662
Delta R.T. -0.004 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

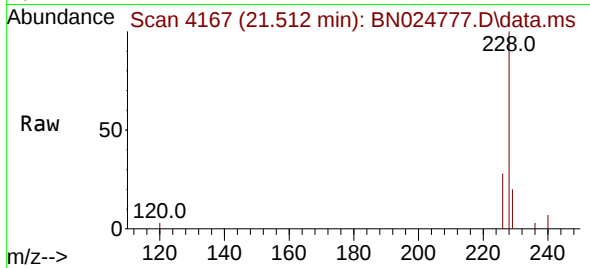
Tgt Ion:202 Resp: 39198
Ion Ratio Lower Upper
202 100
101 14.8 10.9 16.3
100 12.3 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.492 ng/u1
RT: 21.512 min Scan# 4167
Delta R.T. -0.002 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

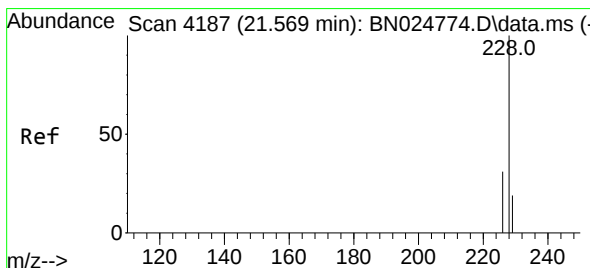
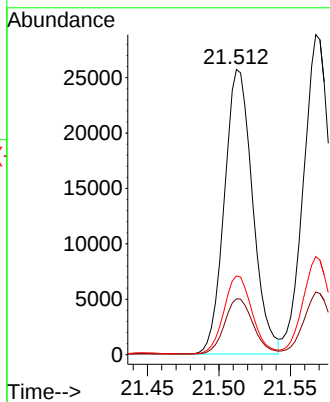
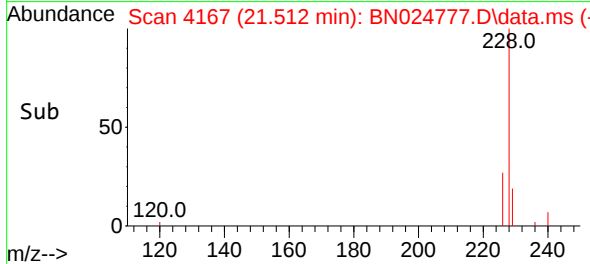
Instrument :
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Tgt Ion:228 Resp: 3529
Ion Ratio Lower Upper
228 100
229 19.6 15.6 23.4
226 27.6 22.5 33.7

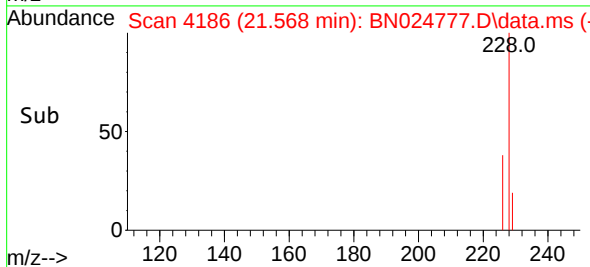
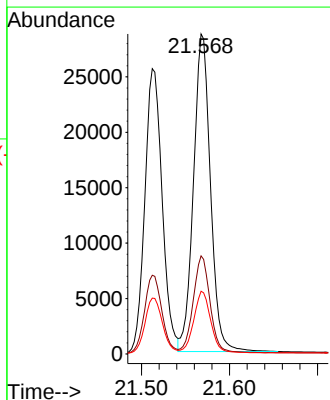
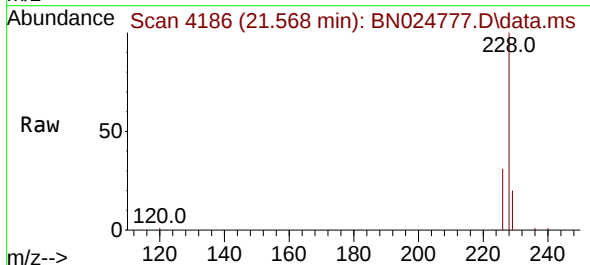
Manual Integrations
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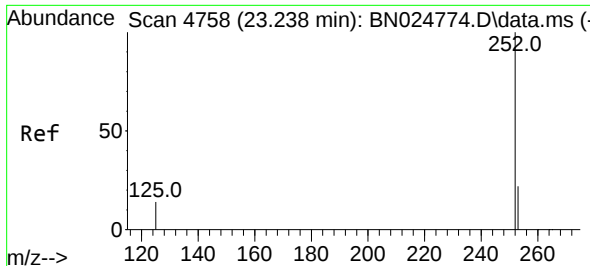
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#22
Chrysene
Concen: 0.489 ng/u1
RT: 21.568 min Scan# 4186
Delta R.T. -0.002 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

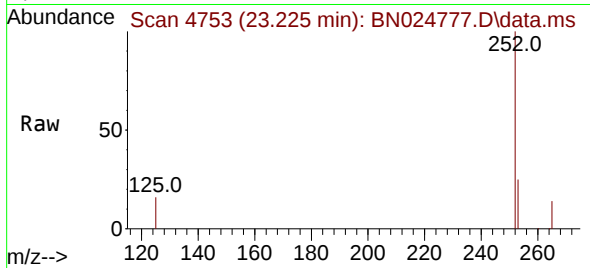
Tgt Ion:228 Resp: 38603
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.6 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.424 ng/ul
RT: 23.225 min Scan# 4753
Delta R.T. -0.008 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

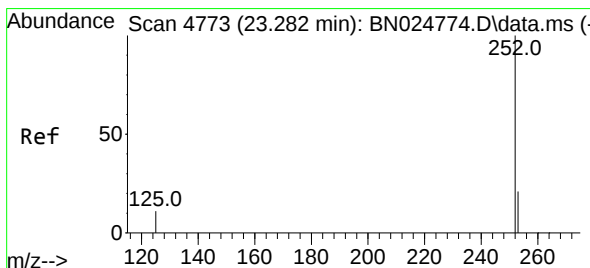
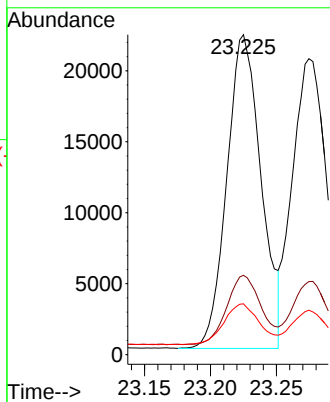
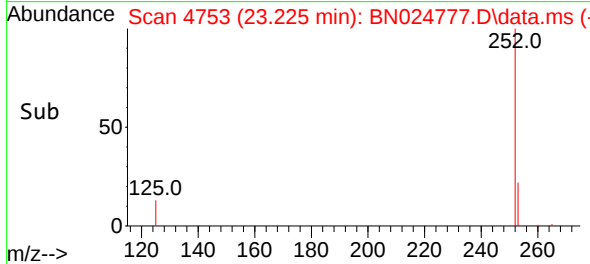
Instrument :
BNA_N
ClientSampleId :
SLCS732



Tgt Ion:252 Resp: 39932
Ion Ratio Lower Upper
252 100
253 24.8 0.0 49.6
125 15.9 0.0 32.4

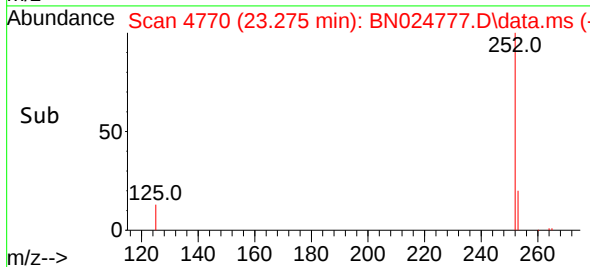
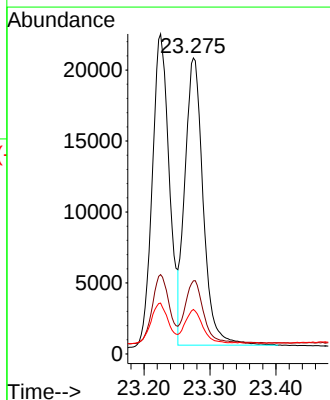
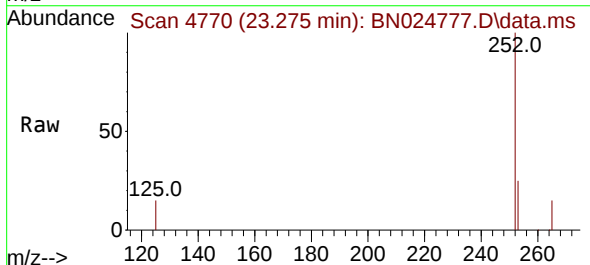
Manual Integrations
APPROVED

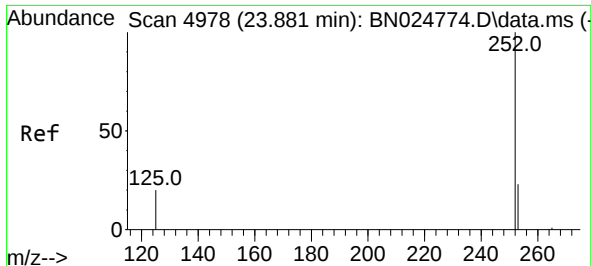
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#25
Benzo(k)fluoranthene
Concen: 0.429 ng/ul
RT: 23.275 min Scan# 4770
Delta R.T. -0.005 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

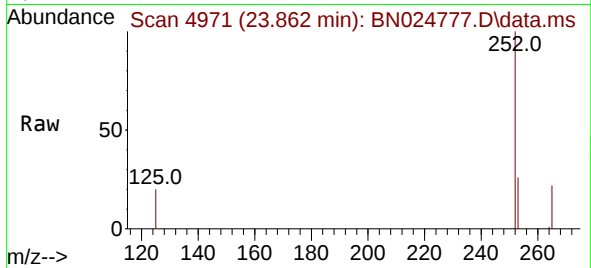
Tgt Ion:252 Resp: 38856
Ion Ratio Lower Upper
252 100
253 24.7 20.2 30.2
125 15.0 13.1 19.7





#26
Benzo(a)pyrene
Concen: 0.451 ng/ul
RT: 23.862 min Scan# 4971
Delta R.T. -0.011 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

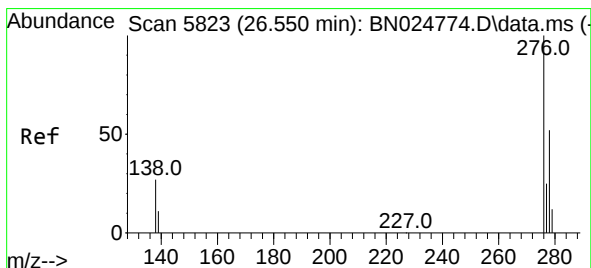
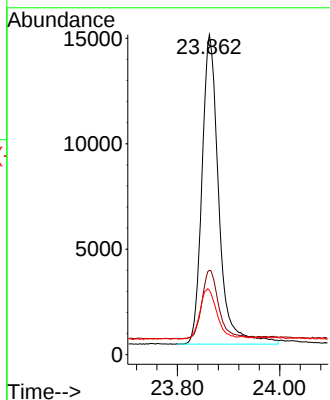
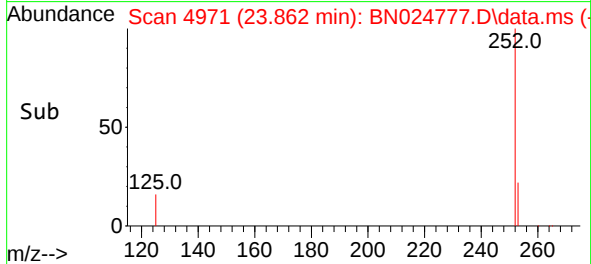
Instrument :
BNA_N
ClientSampleId :
SLCS732



Tgt Ion:252 Resp: 33415
Ion Ratio Lower Upper
252 100
253 26.3 21.8 32.8
125 20.1 15.4 23.0

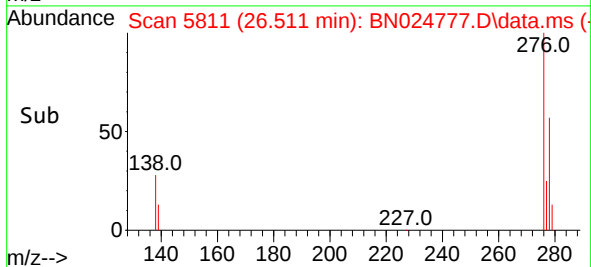
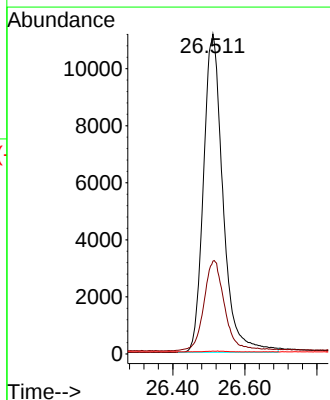
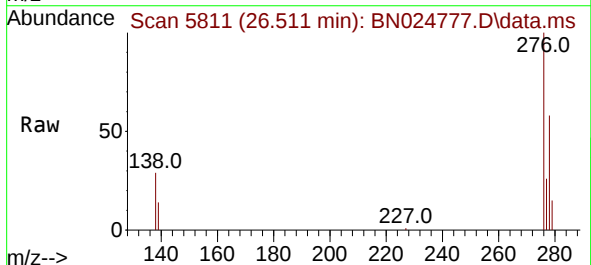
Manual Integrations
APPROVED

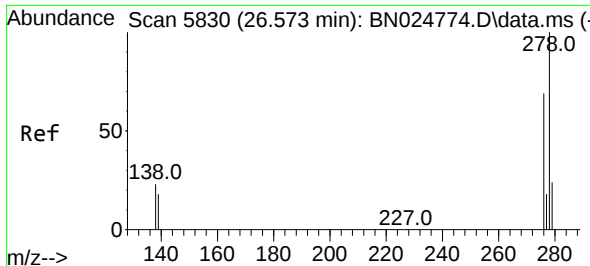
Reviewed By :Christian Giraldo 04/07/2023
Supervised By :mohammad ahmed 04/07/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.475 ng/ul
RT: 26.511 min Scan# 5811
Delta R.T. -0.009 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

Tgt Ion:276 Resp: 41948
Ion Ratio Lower Upper
276 100
138 30.2 24.6 36.8
227 0.3 0.1 0.1#





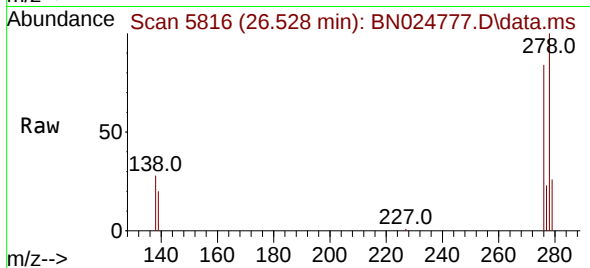
#28
Dibenzo(a,h)anthracene
Concen: 0.470 ng/ul
RT: 26.528 min Scan# 5816
Delta R.T. -0.006 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32

Instrument :

BNA_N

ClientSampleId :

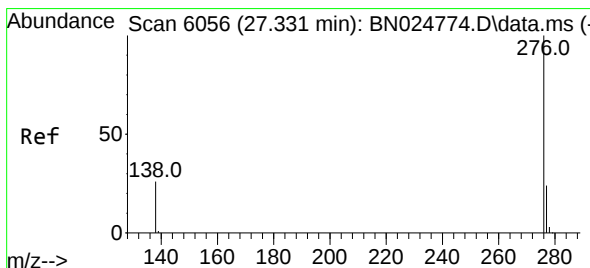
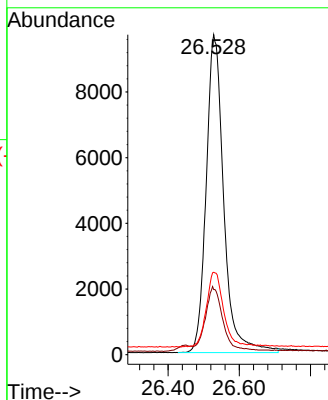
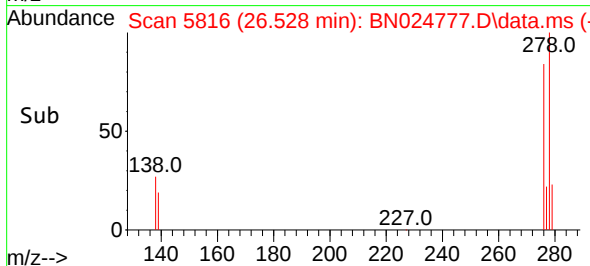
SLCS732



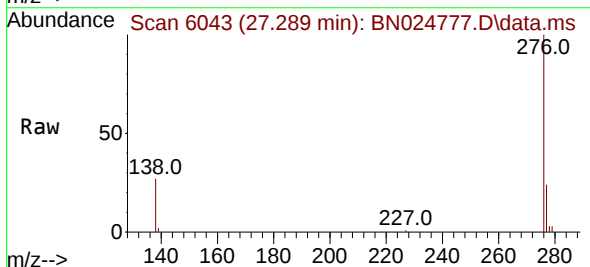
Tgt Ion:278 Resp: 3315
Ion Ratio Lower Upper
278 100
139 20.3 16.5 24.7
279 25.8 21.8 32.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.469 ng/ul
RT: 27.289 min Scan# 6043
Delta R.T. -0.016 min
Lab File: BN024777.D
Acq: 06 Apr 2023 12:32



Tgt Ion:276 Resp: 35603
Ion Ratio Lower Upper
276 100
138 26.8 21.4 32.2
277 24.1 19.8 29.6

