

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028668.D
 Acq On : 16 Nov 2023 17:34
 Operator : MA/JU
 Sample : PB157060BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 16 22:40:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 22:38:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	5278m	0.400	ng/ul	0.06
4) Naphthalene-d8	10.506	136	18851m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.330	164	12306	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.094	188	17504	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	15727	0.400	ng/ul	# 0.00
23) Perylene-d12	23.584	264	14666	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5565m	0.954	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.123	152	5886	0.207	ng/ul	0.01
18) Fluoranthene-d10	19.122	212	23883	0.472	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	17536m	2.720	ng/ul	
5) Naphthalene	10.556	128	15728	0.298	ng/ul#	95
7) 2-Methylnaphthalene	12.195	142	6514	0.187	ng/ul	98
8) 1-Methylnaphthalene	12.376	142	10653	0.301	ng/ul	99
10) Acenaphthylene	14.052	152	21423	0.349	ng/ul	98
11) Acenaphthene	14.390	153	17949	0.397	ng/ul	98
12) Fluorene	15.403	166	15150	0.288	ng/ul	99
14) Pentachlorophenol	16.747	266	2864	0.682	ng/ul	100
15) Phenanthrene	17.136	178	23053	0.429	ng/ul	98
16) Anthracene	17.250	178	11861	0.241	ng/ul	94
19) Fluoranthene	19.150	202	30386	0.454	ng/ul	98
20) Pyrene	19.512	202	35268	0.509	ng/ul	96
21) Benzo(a)anthracene	21.284	228	17333	0.279	ng/ul	98
22) Chrysene	21.336	228	24025	0.395	ng/ul	99
24) Benzo(b)fluoranthene	22.891	252	21136	0.384	ng/ul	89
25) Benzo(k)fluoranthene	22.938	252	26829	0.465	ng/ul#	92
26) Benzo(a)pyrene	23.487	252	22036	0.424	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.937	276	26553	0.460	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.964	278	19653	0.426	ng/ul	95
29) Benzo(g,h,i)perylene	26.641	276	24158	0.511	ng/ul	96

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

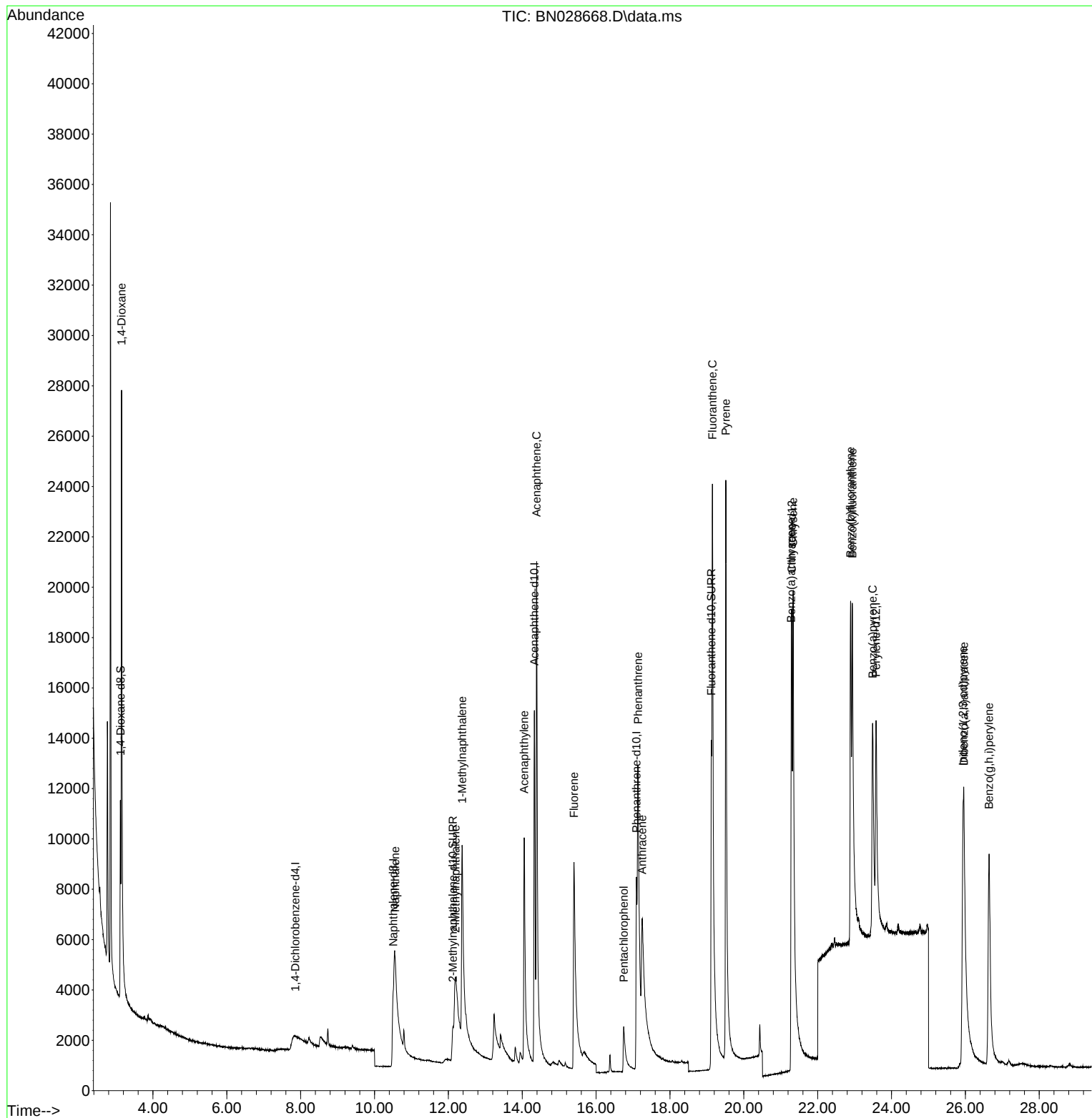
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028668.D
Acq On : 16 Nov 2023 17:34
Operator : MA/JU
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Misc :
ALS Vial : 35 Sample Multiplier: 1

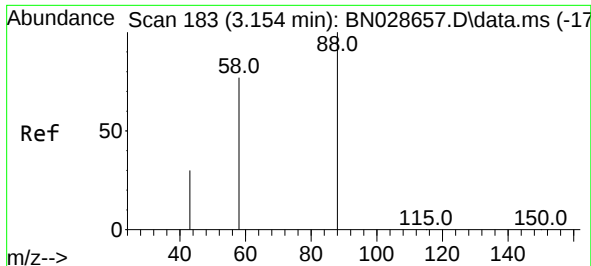
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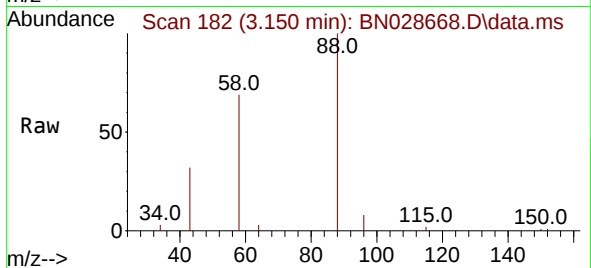
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023





#2
1,4-Dioxane
Concen: 2.720 ng/ul m
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

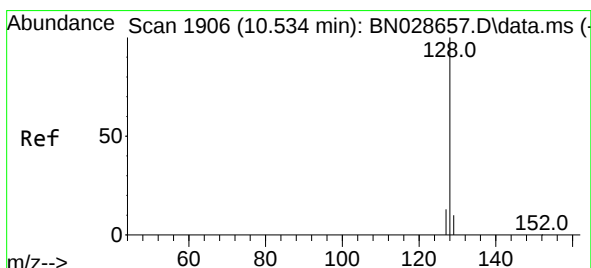
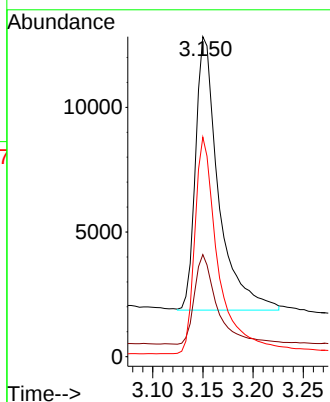
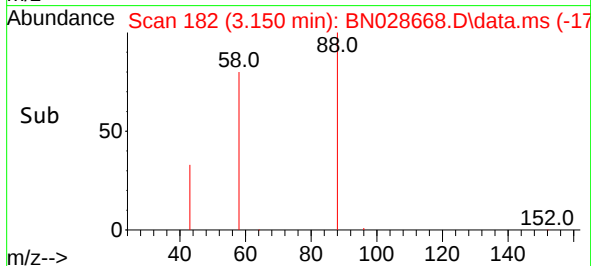
Instrument :
BNA_N
ClientSampleId :
SLCS060



Tgt Ion: 88 Resp: 17530
Ion Ratio Lower Upper
88 100
43 31.9 32.9 49.3
58 68.6 41.8 62.8

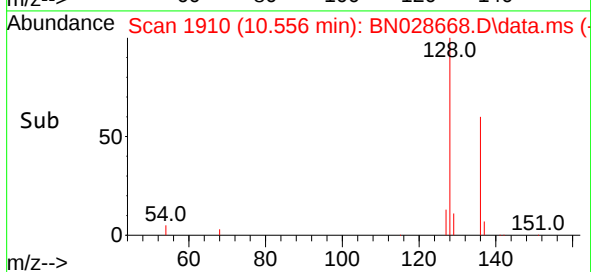
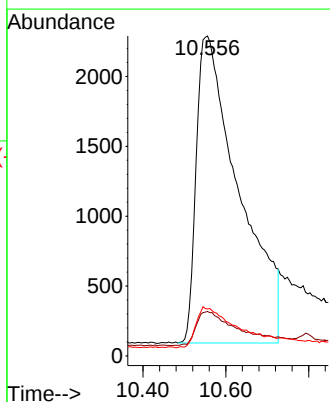
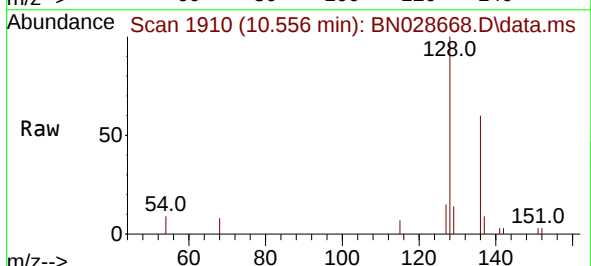
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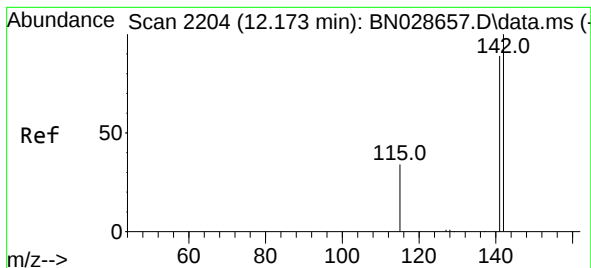
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.298 ng/ul
RT: 10.556 min Scan# 1910
Delta R.T. 0.022 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

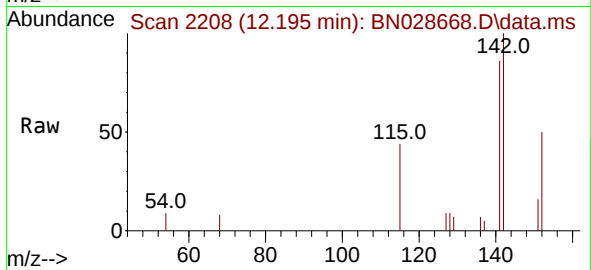
Tgt Ion:128 Resp: 15728
Ion Ratio Lower Upper
128 100
129 13.9 9.2 13.8
127 14.7 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.187 ng/ul
RT: 12.195 min Scan# 2208
Delta R.T. 0.022 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

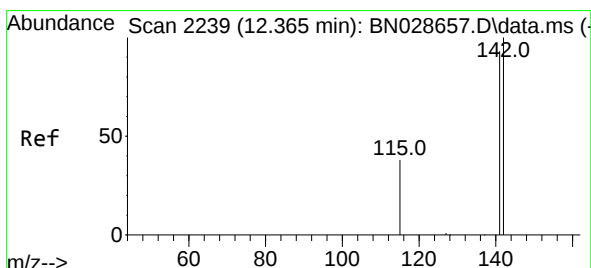
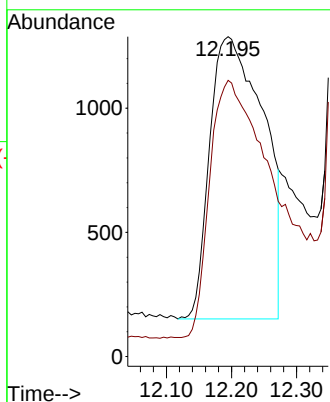
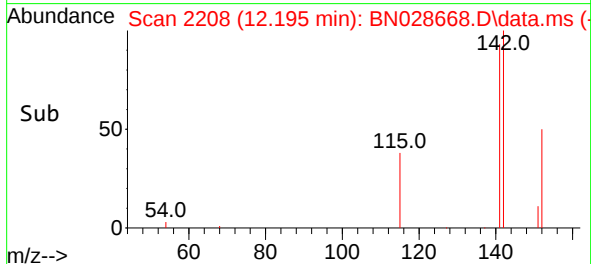
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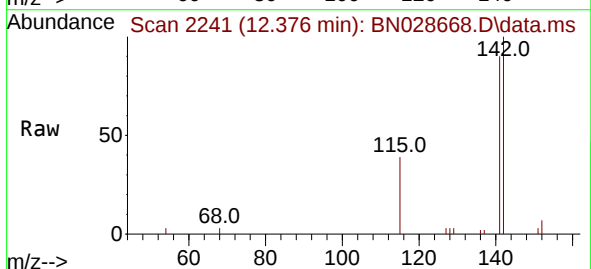
Tgt Ion:142 Resp: 6514
Ion Ratio Lower Upper
142 100
141 90.6 70.8 106.2

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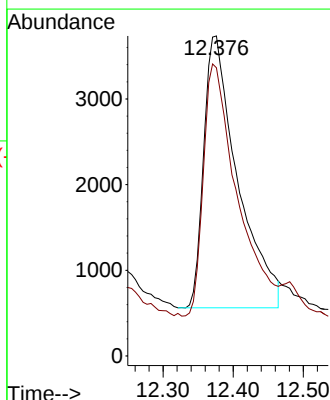
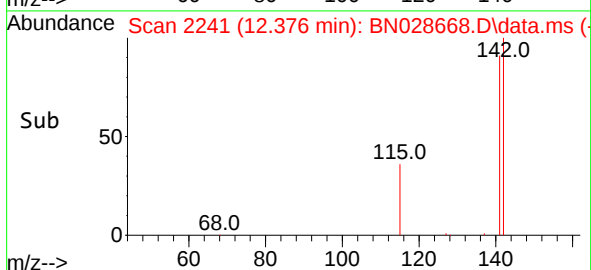
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

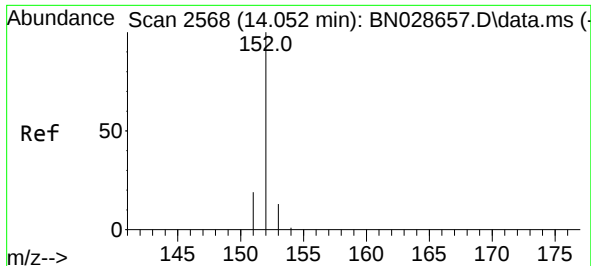


#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.376 min Scan# 2241
Delta R.T. 0.011 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34



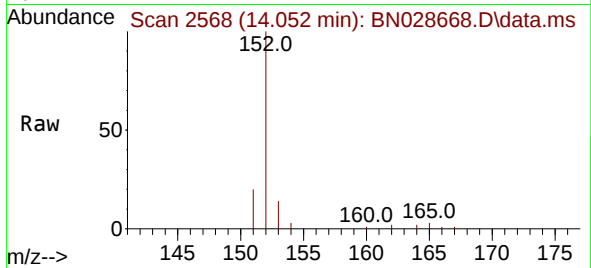
Tgt Ion:142 Resp: 10653
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1





#10
Acenaphthylene
Concen: 0.349 ng/ul
RT: 14.052 min Scan# 2568
Delta R.T. 0.000 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

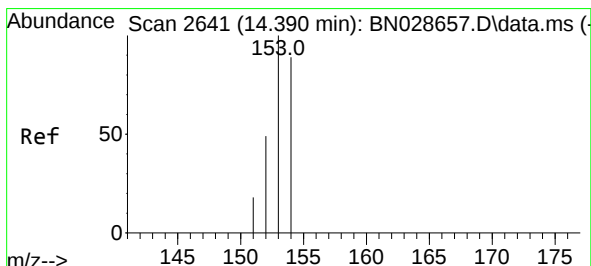
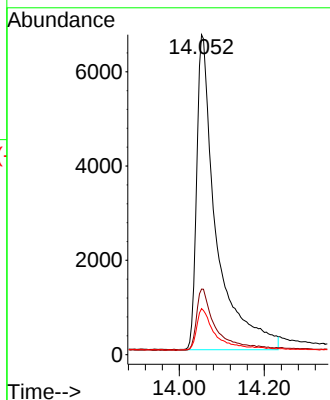
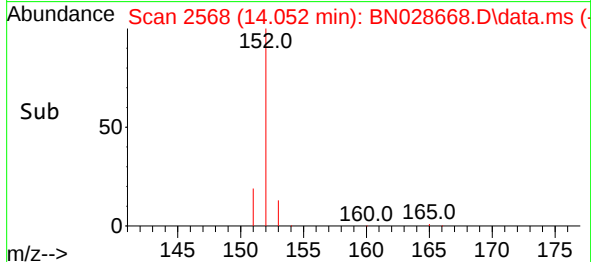
Instrument :
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ClientSampleId :
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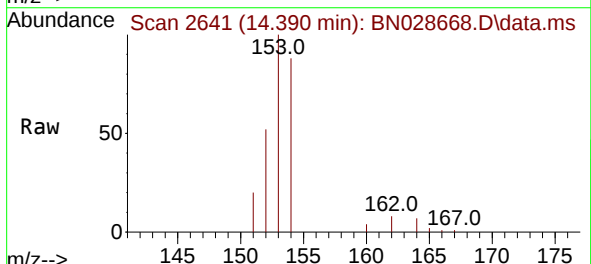
Tgt Ion:152 Resp: 2142
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 14.4 10.6 15.8

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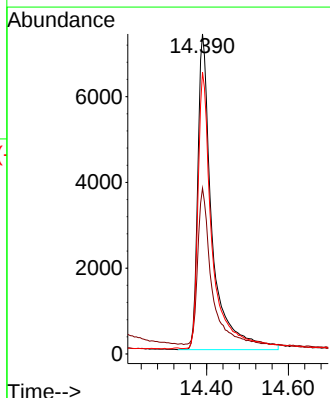
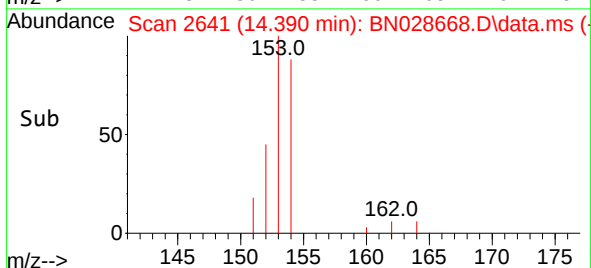
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

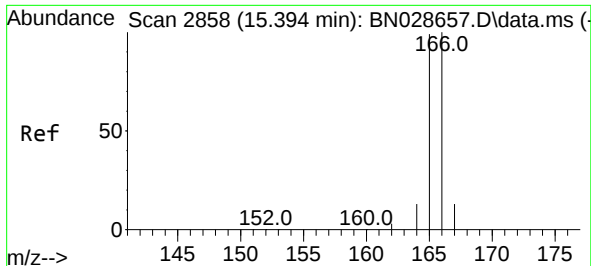


#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.390 min Scan# 2641
Delta R.T. 0.000 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34



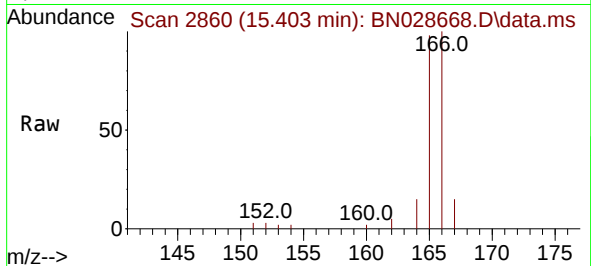
Tgt Ion:153 Resp: 17949
Ion Ratio Lower Upper
153 100
152 51.8 39.6 59.4
154 88.1 71.0 106.6





#12
Fluorene
Concen: 0.288 ng/ul
RT: 15.403 min Scan# 2860
Delta R.T. 0.009 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

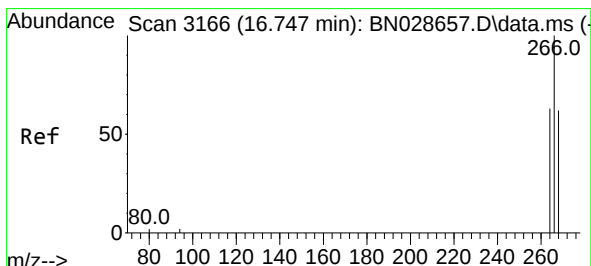
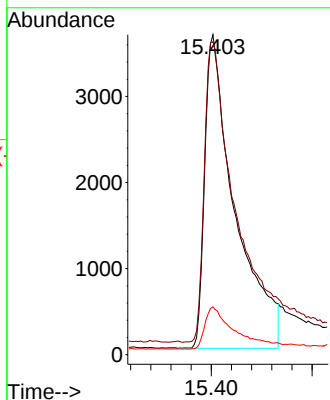
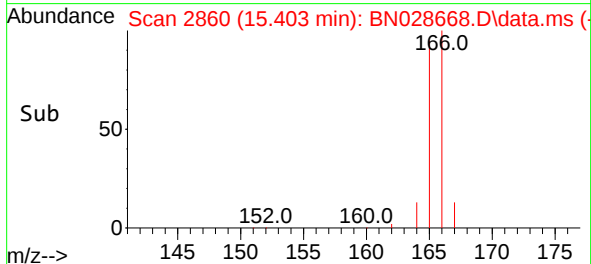
Instrument :
BNA_N
ClientSampleId :
SLCS060



Tgt Ion:166 Resp: 15150
Ion Ratio Lower Upper
166 100
165 97.7 78.6 118.0
167 15.0 11.0 16.6

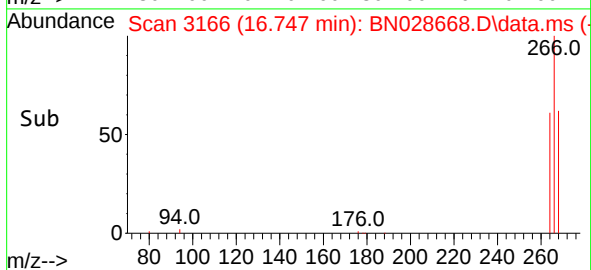
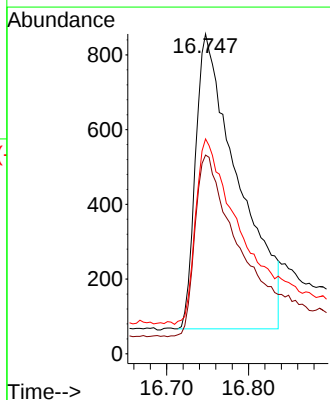
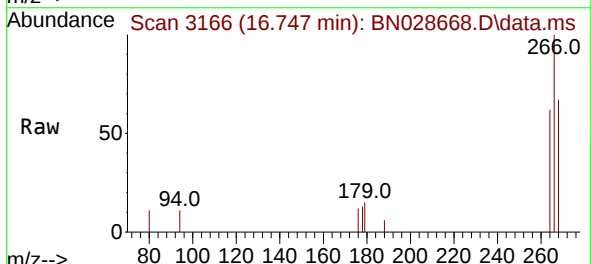
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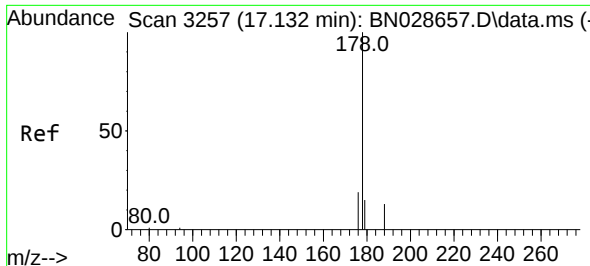
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#14
Pentachlorophenol
Concen: 0.682 ng/ul
RT: 16.747 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

Tgt Ion:266 Resp: 2864
Ion Ratio Lower Upper
266 100
264 63.0 50.1 75.1
268 63.4 50.6 75.8





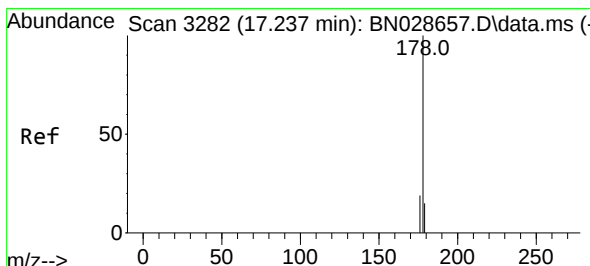
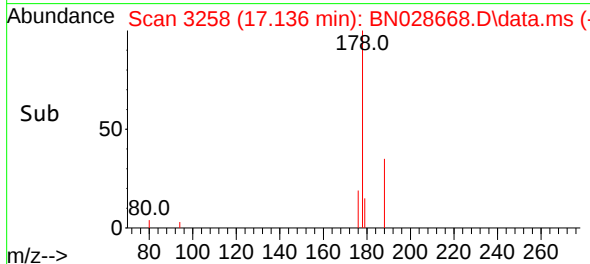
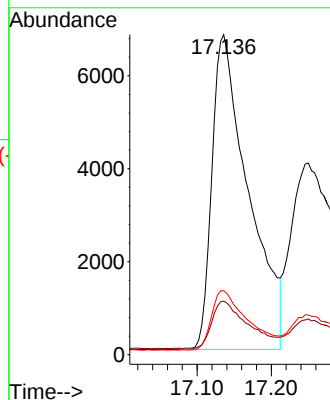
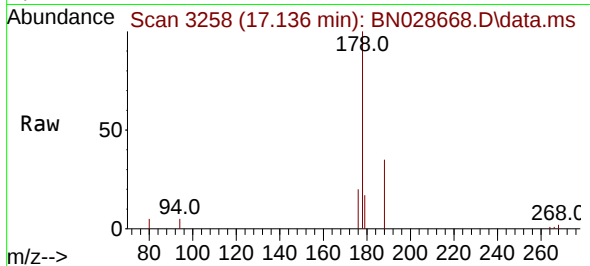
#15
Phenanthrene
Concen: 0.429 ng/ul
RT: 17.136 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

Instrument :
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ClientSampleId :
SLCS060

Tgt Ion:178 Resp: 2305
Ion Ratio Lower Upper
178 100
179 16.8 12.4 18.6
176 20.0 15.4 23.2

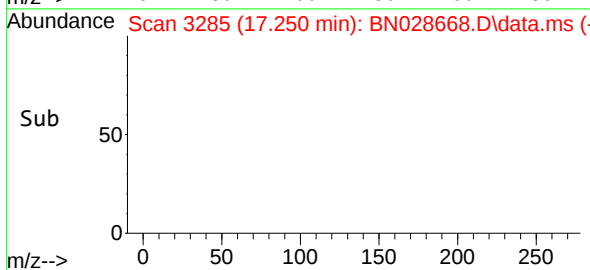
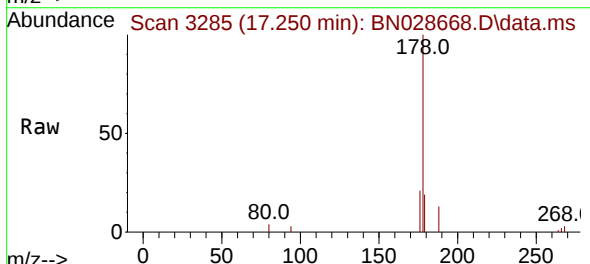
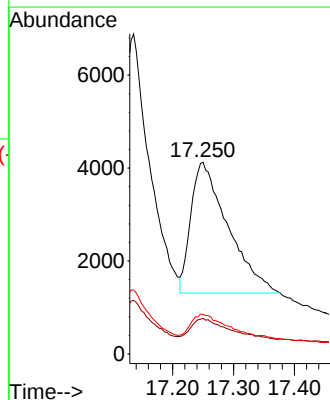
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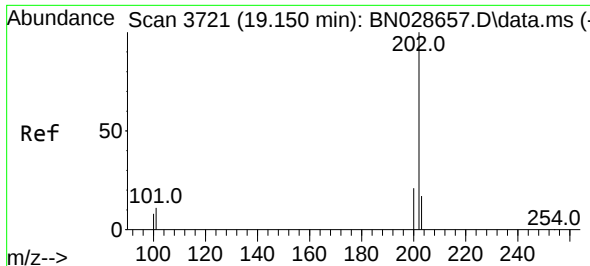
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#16
Anthracene
Concen: 0.241 ng/ul
RT: 17.250 min Scan# 3285
Delta R.T. 0.013 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

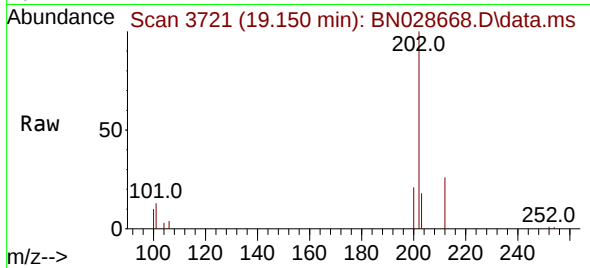
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Ion Ratio Lower Upper
178 100
179 18.6 12.6 18.8
176 20.7 14.9 22.3





#19
Fluoranthene
Concen: 0.454 ng/u1
RT: 19.150 min Scan# 3721
Delta R.T. 0.000 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

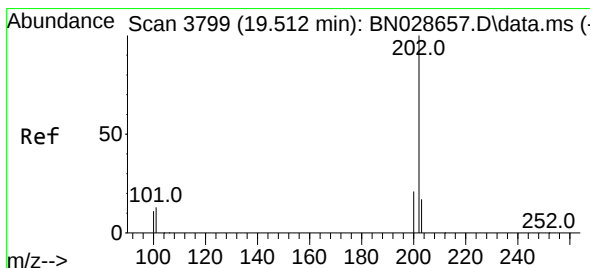
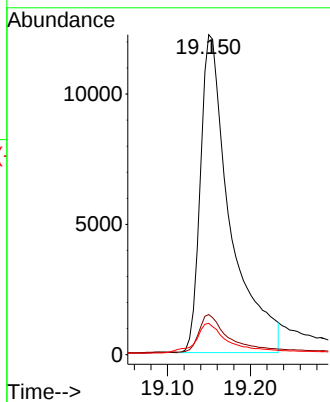
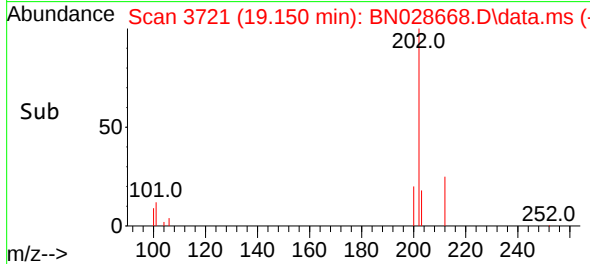
Instrument :
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Tgt Ion:202 Resp: 30380
Ion Ratio Lower Upper
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101 12.5 9.5 14.3
100 9.8 7.2 10.8

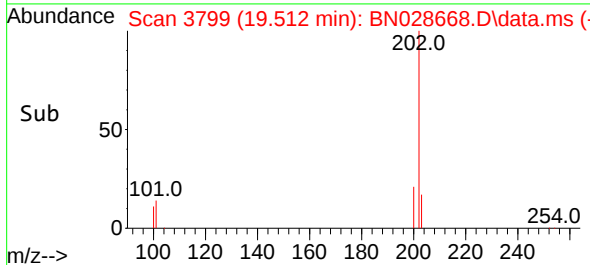
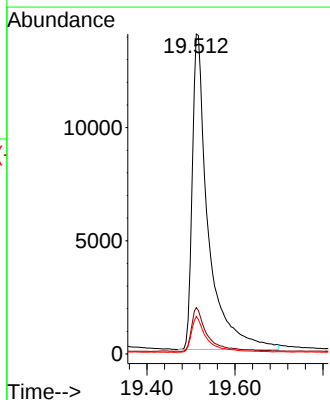
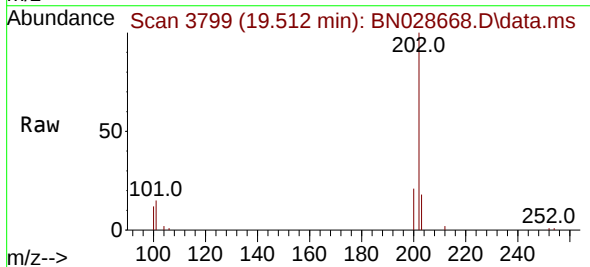
Manual Integrations
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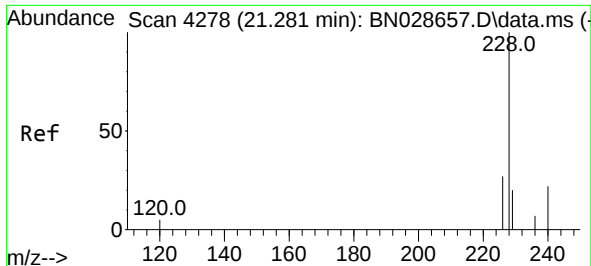
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.509 ng/u1
RT: 19.512 min Scan# 3799
Delta R.T. 0.000 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

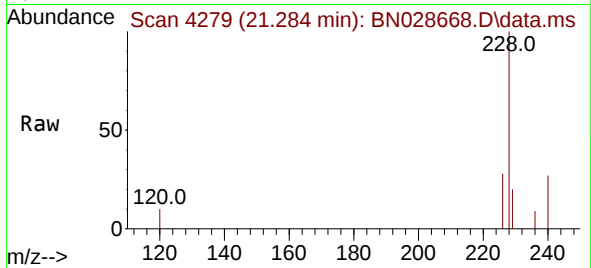
Tgt Ion:202 Resp: 35268
Ion Ratio Lower Upper
202 100
101 14.5 10.3 15.5
100 11.7 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.279 ng/u1
RT: 21.284 min Scan# 4278
Delta R.T. 0.003 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

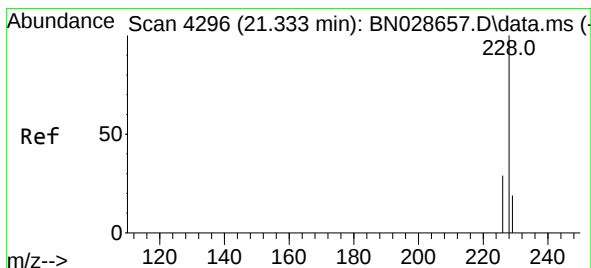
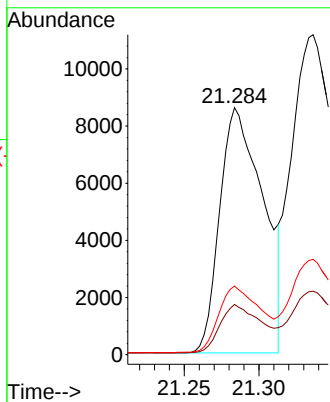
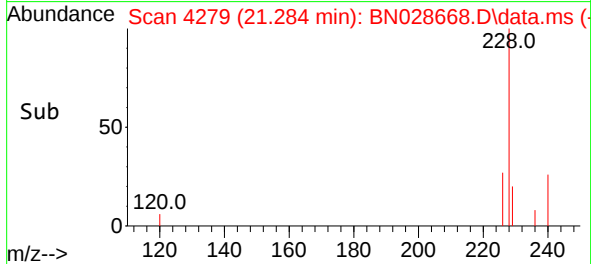
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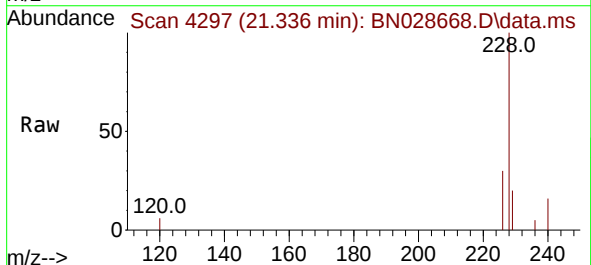
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Ion Ratio Lower Upper
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229 20.3 15.7 23.5
226 27.8 21.4 32.0

Manual Integrations
APPROVED

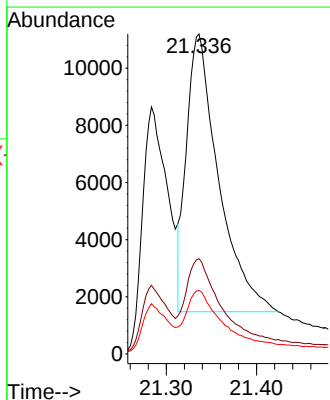
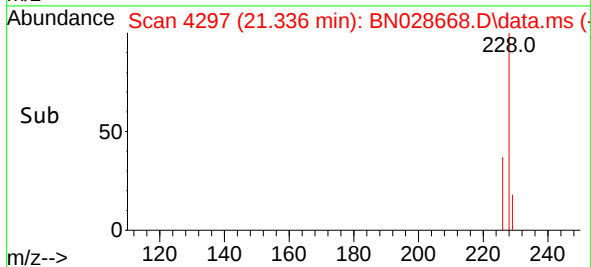
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

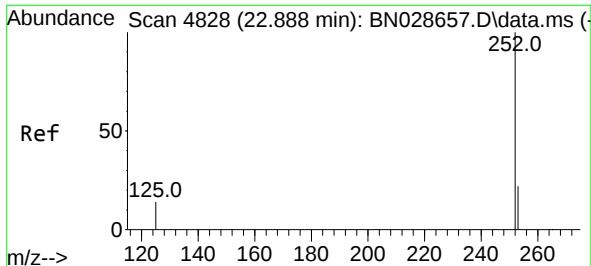


#22
Chrysene
Concen: 0.395 ng/u1
RT: 21.336 min Scan# 4297
Delta R.T. 0.003 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34



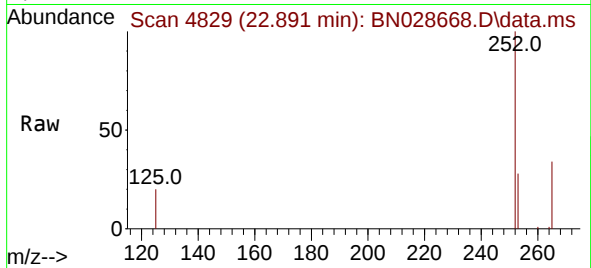
Tgt Ion:228 Resp: 24025
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.9 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 22.891 min Scan# 4829
Delta R.T. 0.003 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

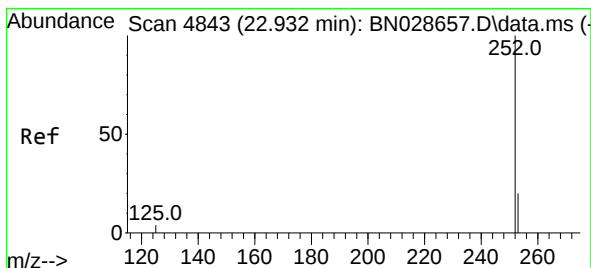
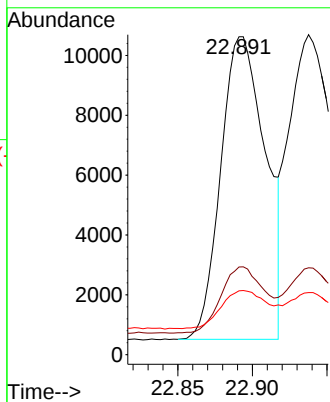
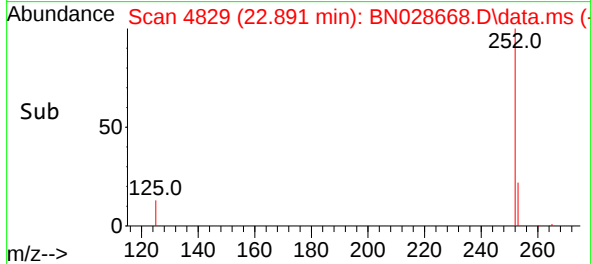
Instrument :
BNA_N
ClientSampleId :
SLCS060



Tgt Ion:252 Resp: 21130
Ion Ratio Lower Upper
252 100
253 27.6 0.0 46.6
125 20.1 0.0 27.6

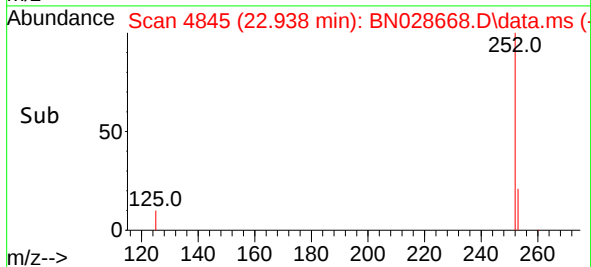
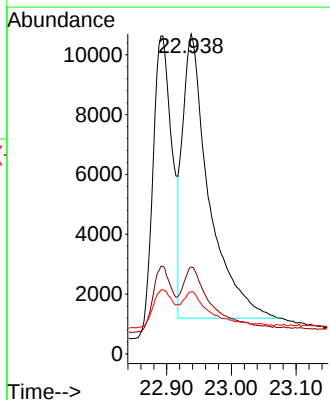
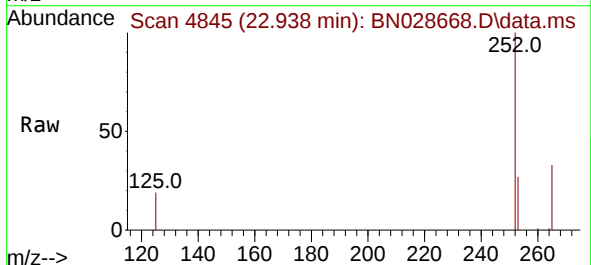
Manual Integrations
APPROVED

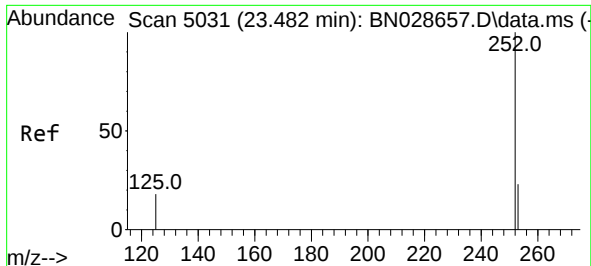
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.465 ng/ul
RT: 22.938 min Scan# 4845
Delta R.T. 0.006 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

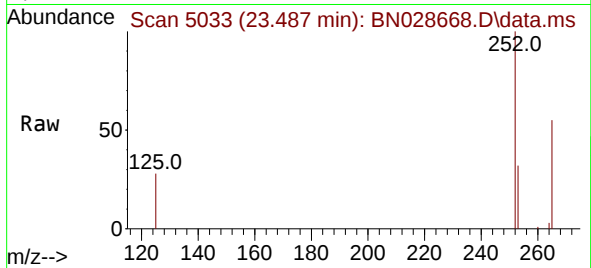
Tgt Ion:252 Resp: 26829
Ion Ratio Lower Upper
252 100
253 27.2 18.6 28.0
125 19.4 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.424 ng/ul
RT: 23.487 min Scan# 5031
Delta R.T. 0.006 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

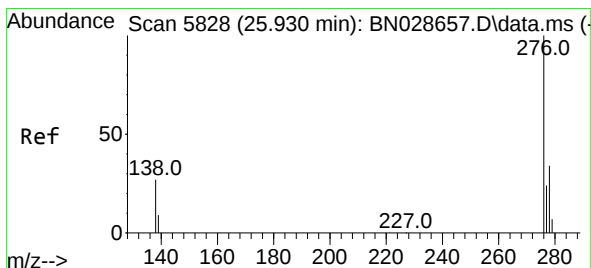
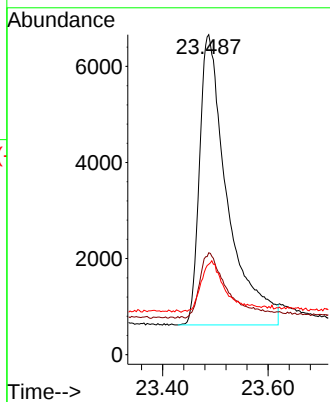
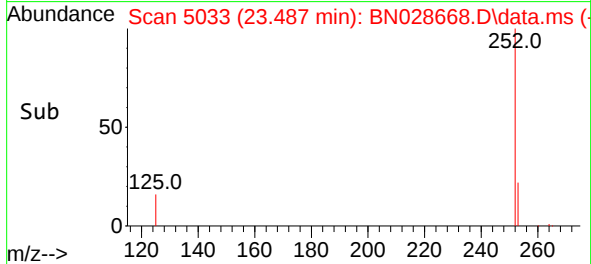
Instrument :
BNA_N
ClientSampleId :
SLCS060



Tgt Ion:252 Resp: 22030
Ion Ratio Lower Upper
252 100
253 31.9 19.0 28.6
125 28.2 13.2 19.8

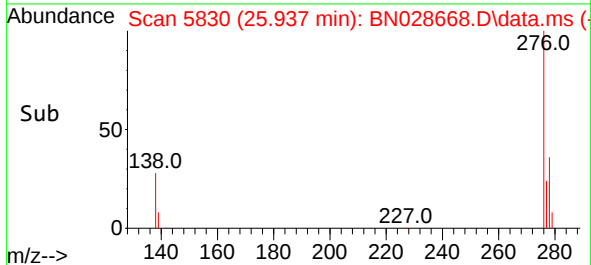
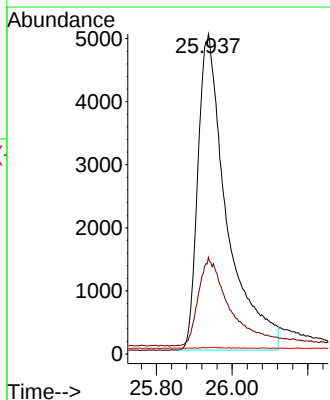
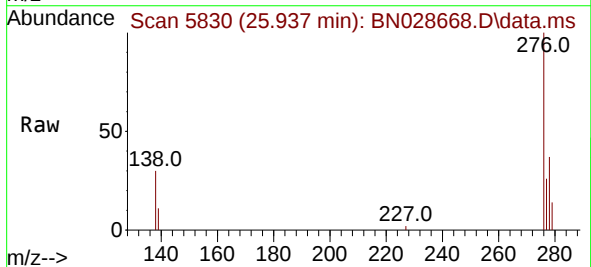
Manual Integrations
APPROVED

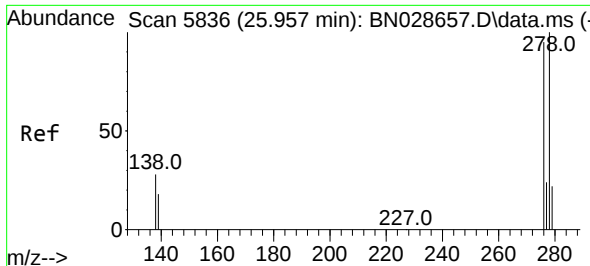
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.460 ng/ul
RT: 25.937 min Scan# 5830
Delta R.T. 0.007 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

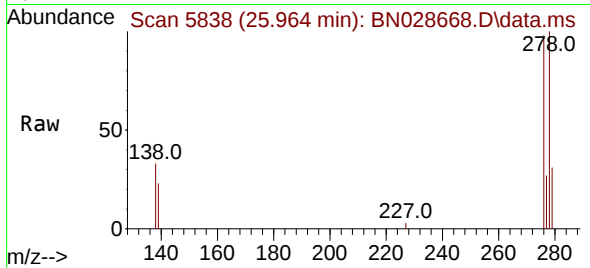
Tgt Ion:276 Resp: 26553
Ion Ratio Lower Upper
276 100
138 30.5 23.8 35.6
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.426 ng/ul
RT: 25.964 min Scan# 5836
Delta R.T. 0.007 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

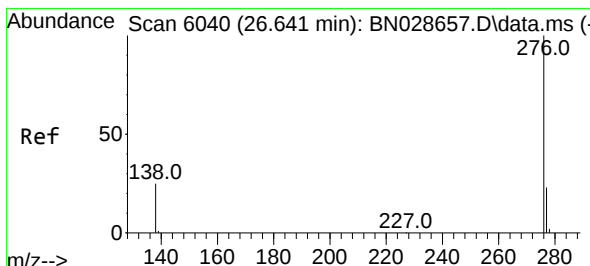
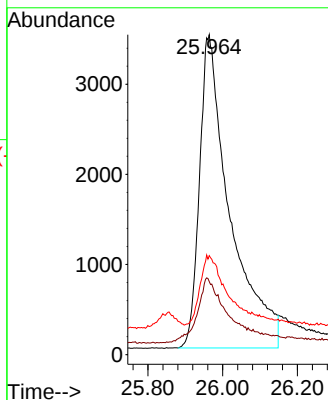
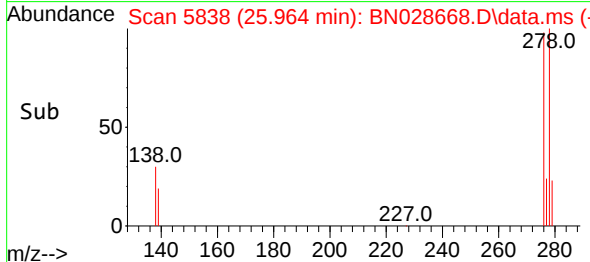
Instrument :
BNA_N
ClientSampleId :
SLCS060



Tgt Ion:278 Resp: 1965
Ion Ratio Lower Upper
278 100
139 22.8 18.2 27.4
279 30.9 20.7 31.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#29
Benzo(g,h,i)perylene
Concen: 0.511 ng/ul
RT: 26.641 min Scan# 6040
Delta R.T. 0.000 min
Lab File: BN028668.D
Acq: 16 Nov 2023 17:34

Tgt Ion:276 Resp: 24158
Ion Ratio Lower Upper
276 100
138 27.8 20.5 30.7
277 25.5 19.4 29.0

