

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028718.D
 Acq On : 18 Nov 2023 01:30
 Operator : MA/JU
 Sample : PB156820BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS820

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 18 01:57:51 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 : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	5648m	0.400	ng/ul	0.03
4) Naphthalene-d8	10.506	136	17975	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.325	164	11967	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.094	188	16267	0.400	ng/ul	0.00
17) Chrysene-d12	21.295	240	16366	0.400	ng/ul	# 0.00
23) Perylene-d12	23.578	264	18356	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5308	0.850	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.123	152	5317	0.196	ng/ul	0.01
18) Fluoranthene-d10	19.122	212	18608	0.353	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	15168	2.198	ng/ul#	84
5) Naphthalene	10.550	128	14262	0.283	ng/ul#	95
7) 2-Methylnaphthalene	12.200	142	5865	0.177	ng/ul	96
8) 1-Methylnaphthalene	12.371	142	9540	0.283	ng/ul	98
10) Acenaphthylene	14.052	152	18147	0.304	ng/ul	98
11) Acenaphthene	14.390	153	14915	0.339	ng/ul	99
12) Fluorene	15.403	166	12520	0.245	ng/ul	97
14) Pentachlorophenol	16.752	266	2671	0.684	ng/ul	99
15) Phenanthrene	17.132	178	19025	0.381	ng/ul	96
16) Anthracene	17.246	178	10449	0.228	ng/ul	94
19) Fluoranthene	19.150	202	24004	0.345	ng/ul	97
20) Pyrene	19.517	202	28076	0.389	ng/ul	98
21) Benzo(a)anthracene	21.284	228	15766	0.244	ng/ul	98
22) Chrysene	21.333	228	21991	0.348	ng/ul	99
24) Benzo(b)fluoranthene	22.888	252	22145	0.321	ng/ul	89
25) Benzo(k)fluoranthene	22.932	252	26791	0.371	ng/ul#	93
26) Benzo(a)pyrene	23.482	252	23376	0.359	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.931	276	29397	0.407	ng/ul	98
28) Dibenzo(a,h)anthracene	25.961	278	22376	0.388	ng/ul	96
29) Benzo(g,h,i)perylene	26.635	276	26340	0.445	ng/ul	96

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

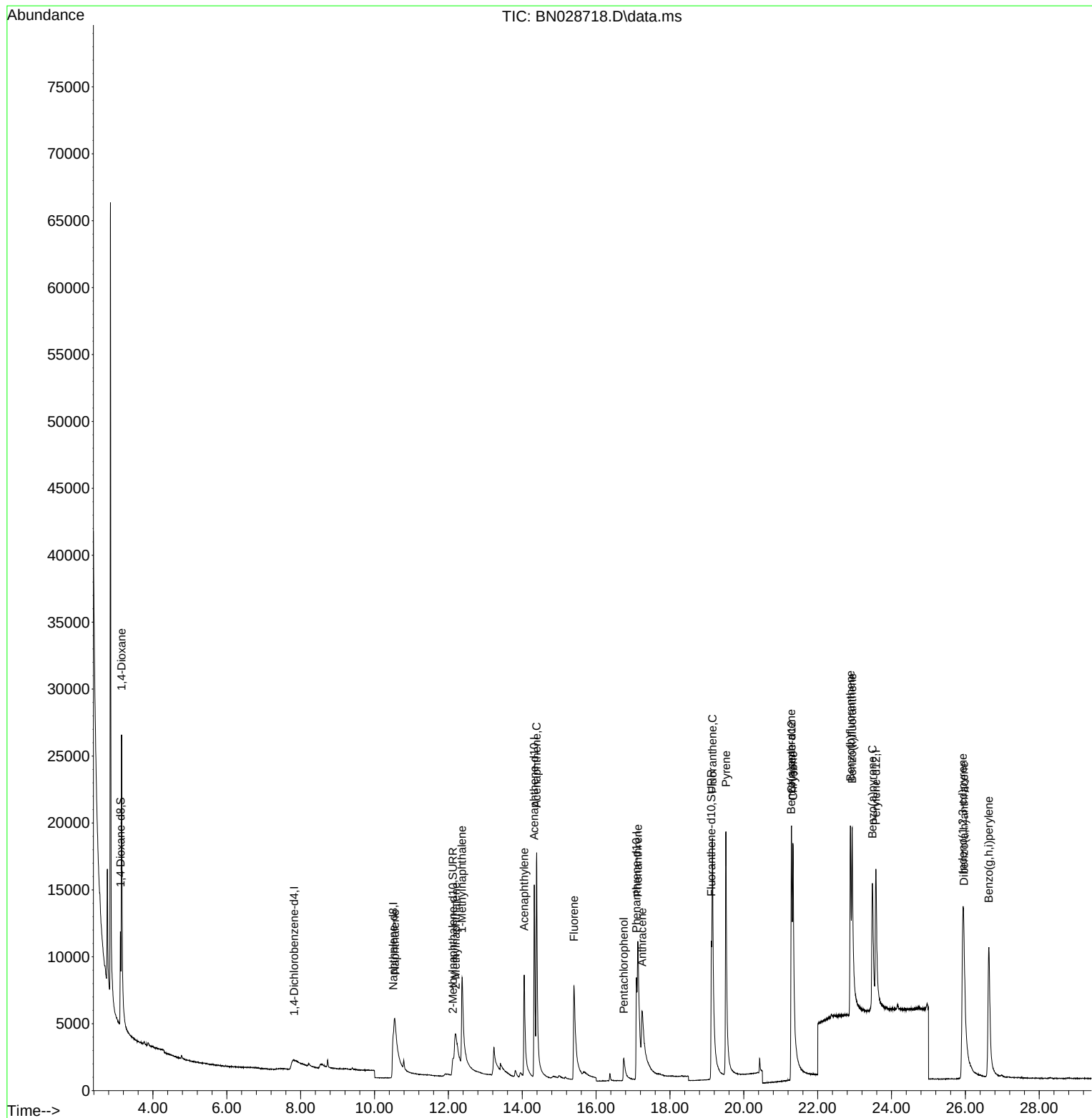
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028718.D
Acq On : 18 Nov 2023 01:30
Operator : MA/JU
Sample : PB156820BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

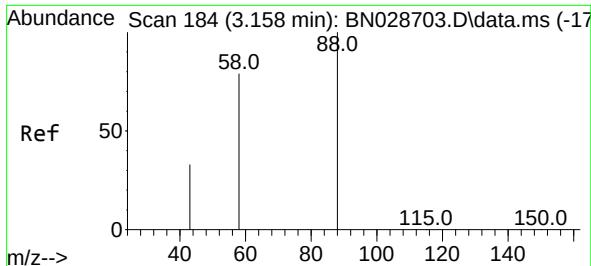
Instrument :
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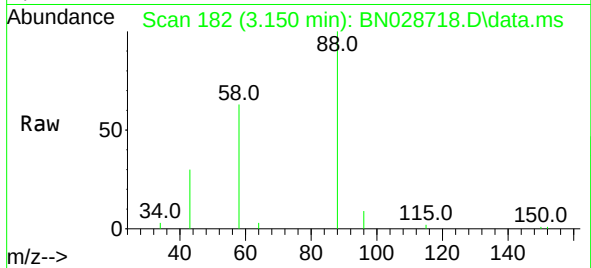
Quant Time: Nov 18 01:57:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.198 ng/ul
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30

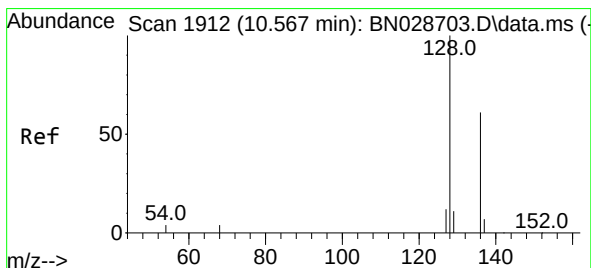
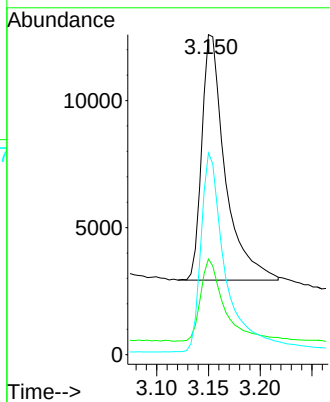
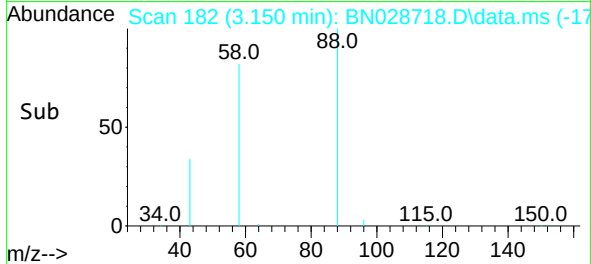
Instrument :
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ClientSampleId :
SLCS820



Tgt Ion: 88 Resp: 1516
Ion Ratio Lower Upper
88 100
43 29.9 32.9 49.3
58 63.1 41.8 62.8

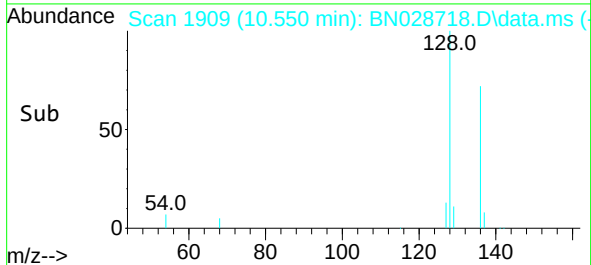
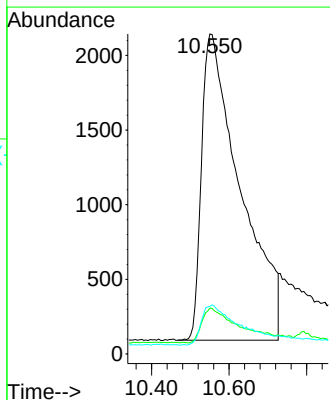
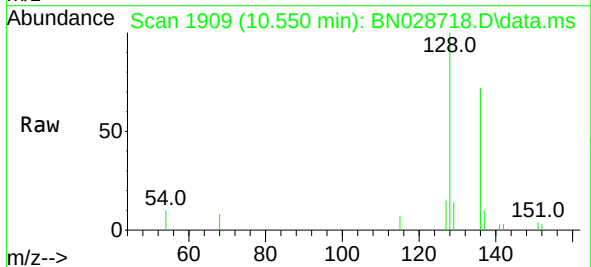
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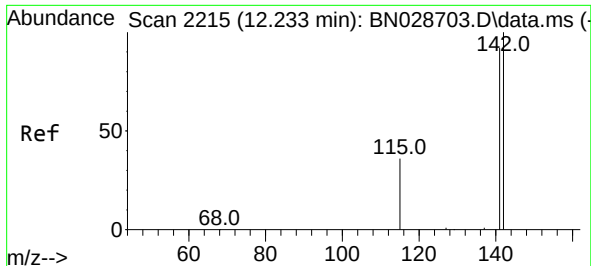
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.283 ng/ul
RT: 10.550 min Scan# 1909
Delta R.T. 0.017 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30

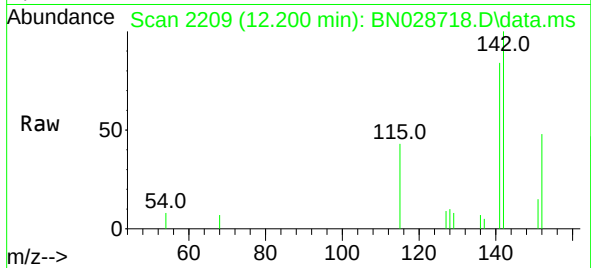
Tgt Ion:128 Resp: 14262
Ion Ratio Lower Upper
128 100
129 14.4 9.2 13.8
127 14.9 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.177 ng/ul
RT: 12.200 min Scan# 2199
Delta R.T. 0.028 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30

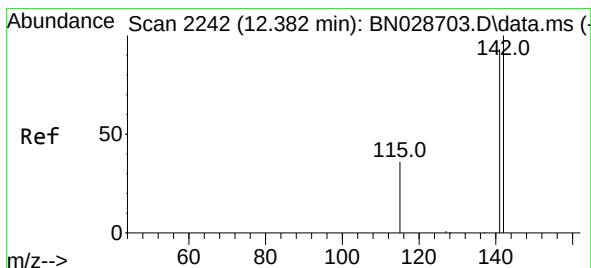
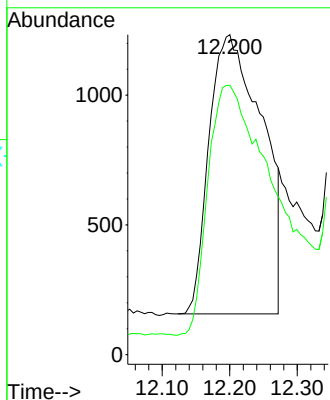
Instrument :
BNA_N
ClientSampleId :
SLCS820



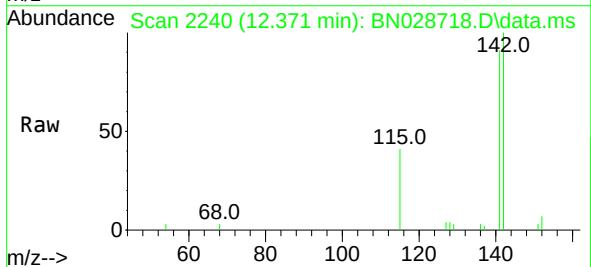
Tgt Ion:142 Resp: 586
Ion Ratio Lower Upper
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141 92.2 70.8 106.2

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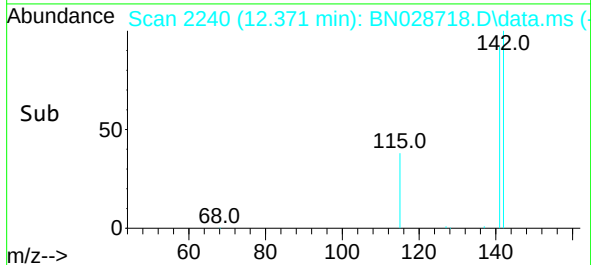
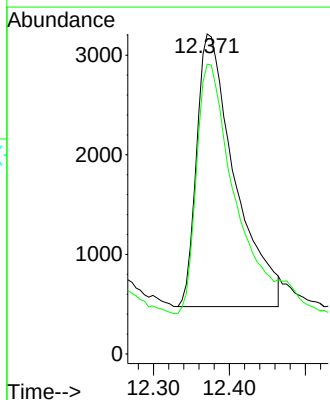
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

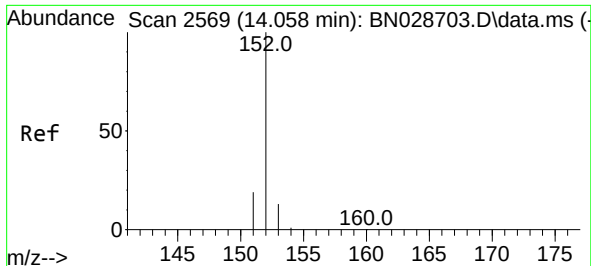


#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.371 min Scan# 2240
Delta R.T. 0.006 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30



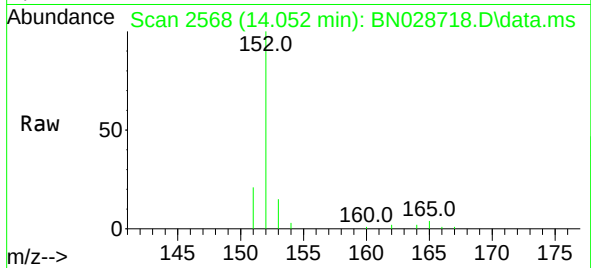
Tgt Ion:142 Resp: 9540
Ion Ratio Lower Upper
142 100
141 90.9 74.1 111.1





#10
Acenaphthylene
Concen: 0.304 ng/ul
RT: 14.052 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30

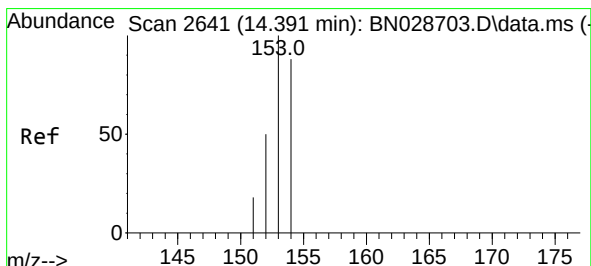
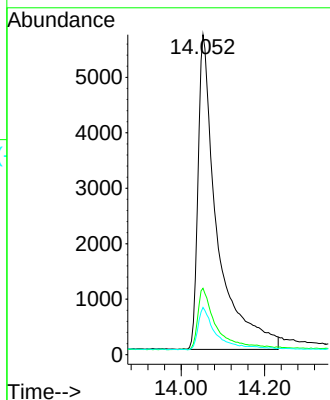
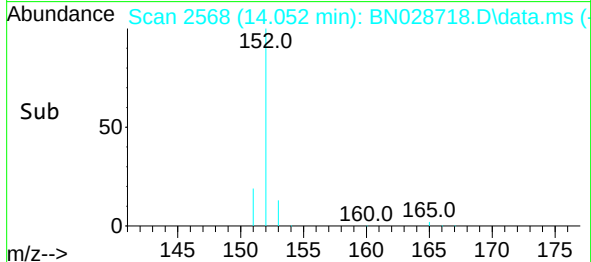
Instrument :
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Tgt Ion:152 Resp: 1814
Ion Ratio Lower Upper
152 100
151 20.8 16.1 24.1
153 14.8 10.6 15.8

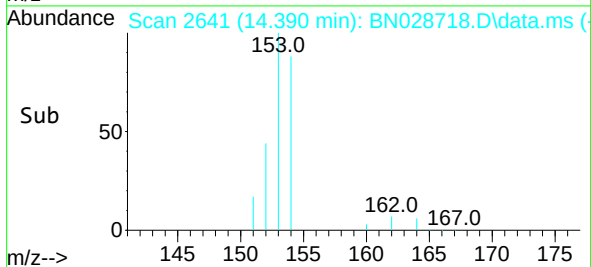
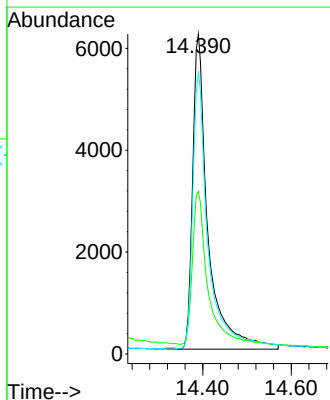
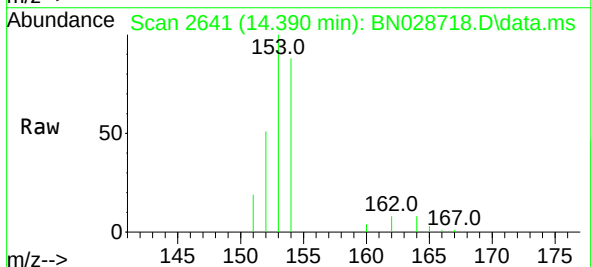
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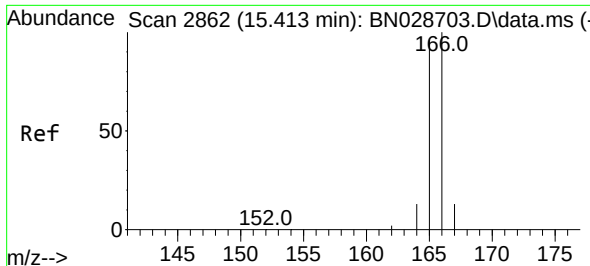
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.339 ng/ul
RT: 14.390 min Scan# 2641
Delta R.T. 0.000 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30

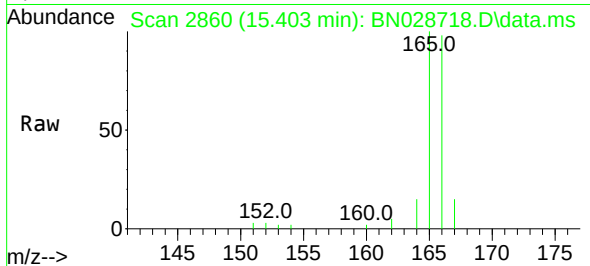
Tgt Ion:153 Resp: 14915
Ion Ratio Lower Upper
153 100
152 50.8 39.6 59.4
154 88.3 71.0 106.6





#12
Fluorene
Concen: 0.245 ng/ul
RT: 15.403 min Scan# 2860
Delta R.T. 0.009 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30

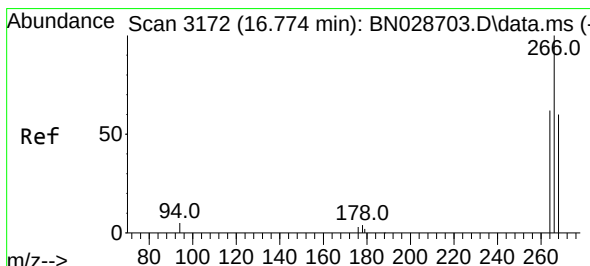
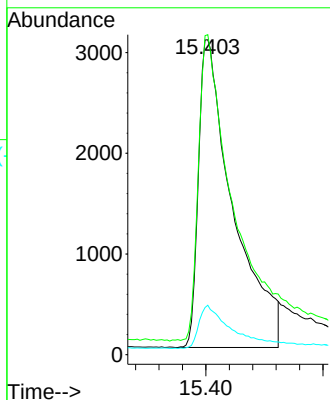
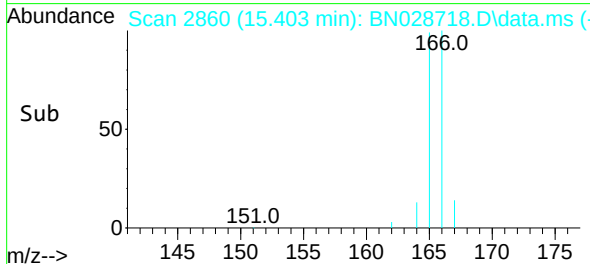
Instrument :
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ClientSampleId :
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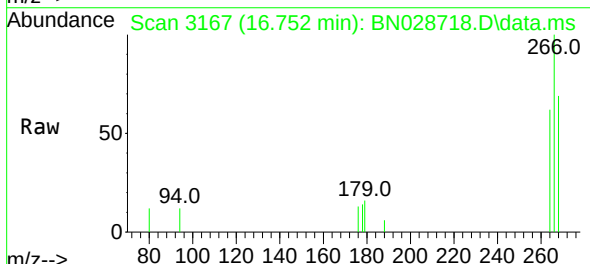
Tgt Ion:166 Resp: 12520
Ion Ratio Lower Upper
166 100
165 101.6 78.6 118.0
167 15.7 11.0 16.6

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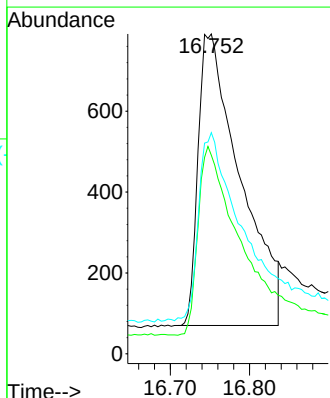
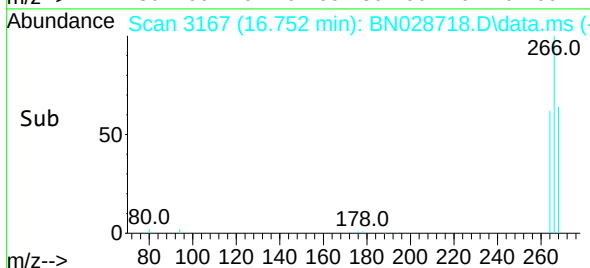
Reviewed By :Yogesh Patel 11/19/2023
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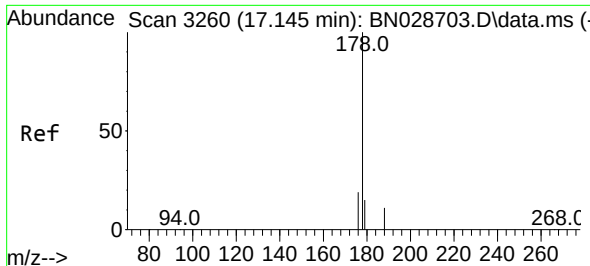


#14
Pentachlorophenol
Concen: 0.684 ng/ul
RT: 16.752 min Scan# 3167
Delta R.T. 0.004 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30



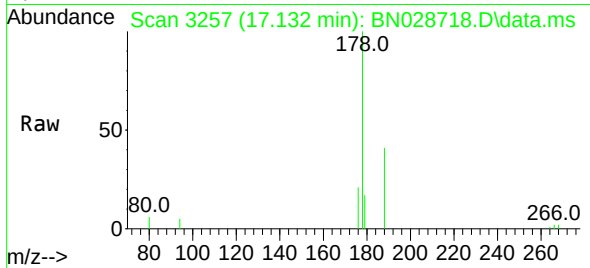
Tgt Ion:266 Resp: 2671
Ion Ratio Lower Upper
266 100
264 63.4 50.1 75.1
268 64.4 50.6 75.8





#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.132 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30

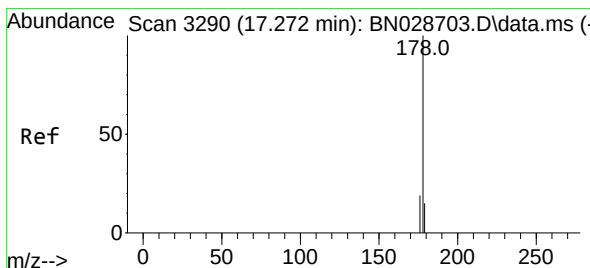
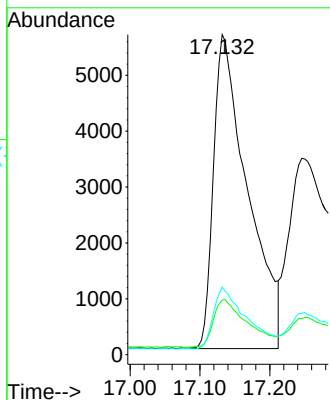
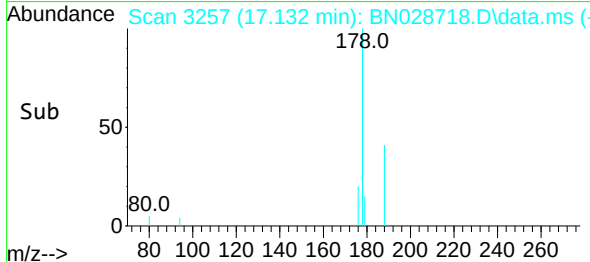
Instrument :
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SLCS820



Tgt Ion:178 Resp: 19025
Ion Ratio Lower Upper
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179 17.1 12.4 18.6
176 21.1 15.4 23.2

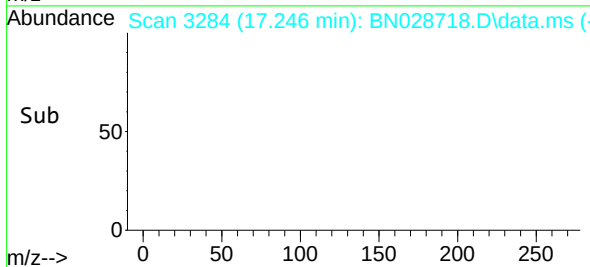
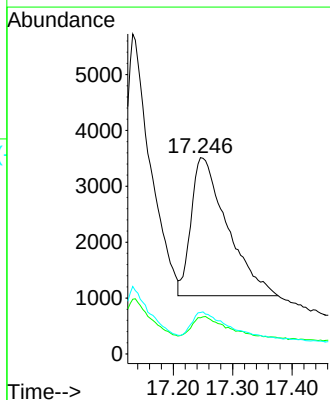
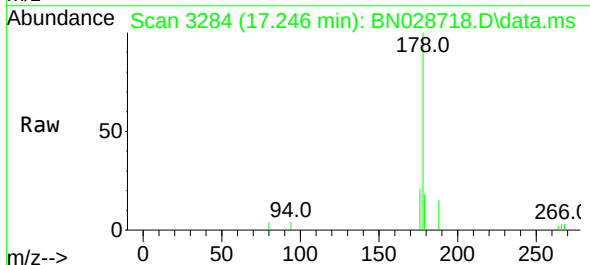
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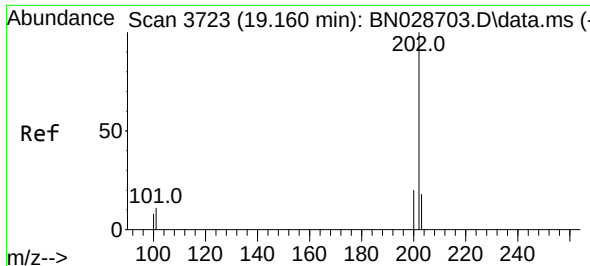
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#16
Anthracene
Concen: 0.228 ng/ul
RT: 17.246 min Scan# 3284
Delta R.T. 0.009 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30

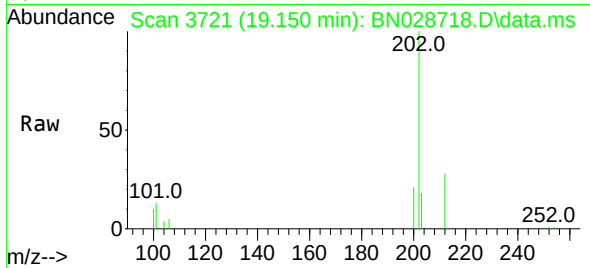
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Ion Ratio Lower Upper
178 100
179 18.4 12.6 18.8
176 21.1 14.9 22.3





#19
Fluoranthene
Concen: 0.345 ng/u1
RT: 19.150 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30

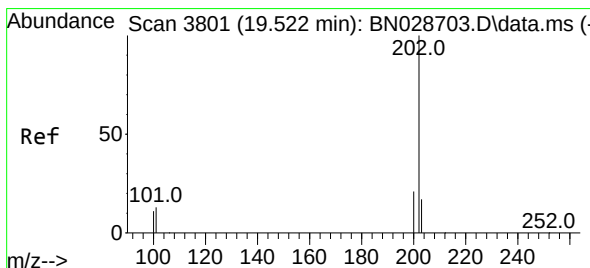
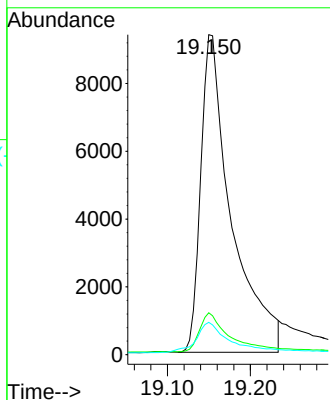
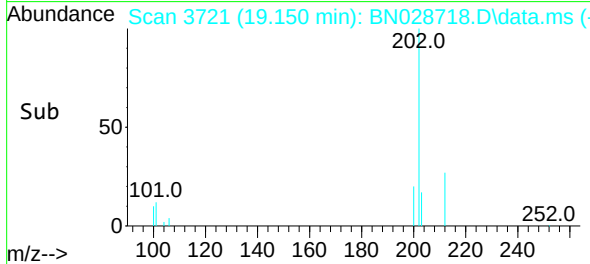
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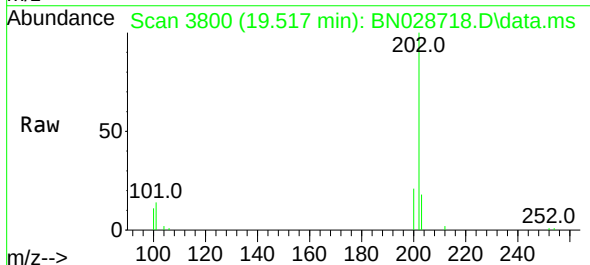
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Ion Ratio Lower Upper
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100 10.1 7.2 10.8

Manual Integrations
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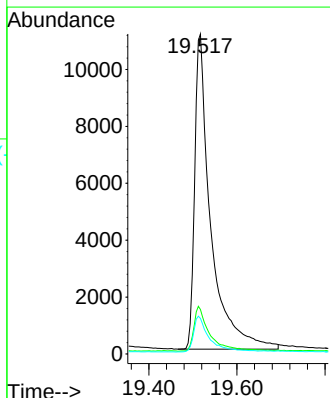
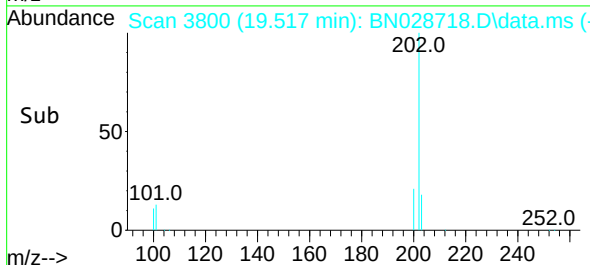
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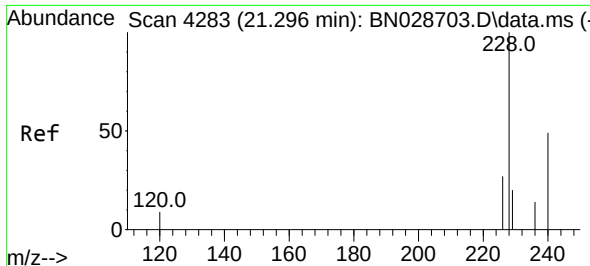


#20
Pyrene
Concen: 0.389 ng/u1
RT: 19.517 min Scan# 3800
Delta R.T. 0.005 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30



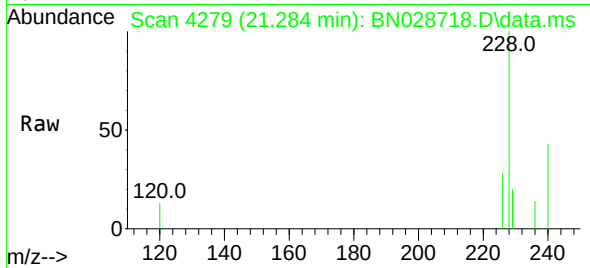
Tgt Ion:202 Resp: 28076
Ion Ratio Lower Upper
202 100
101 13.9 10.3 15.5
100 11.1 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.244 ng/u1
RT: 21.284 min Scan# 4283
Delta R.T. 0.003 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30

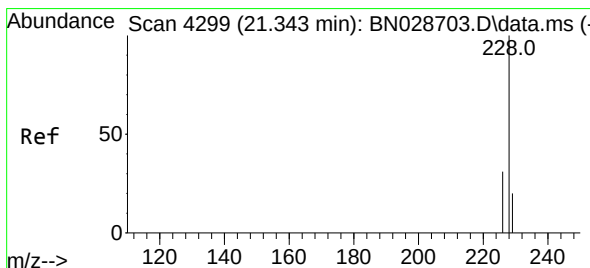
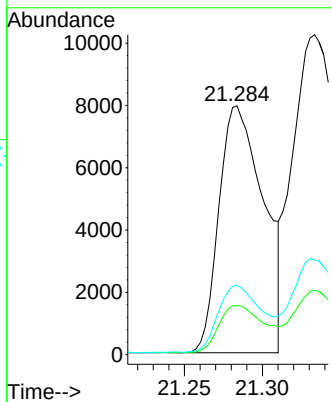
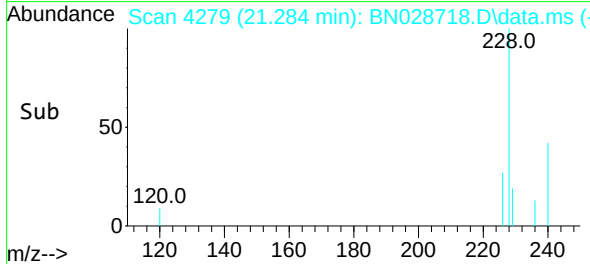
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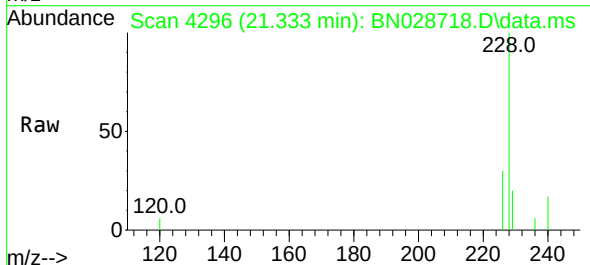
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Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.0 21.4 32.0

Manual Integrations
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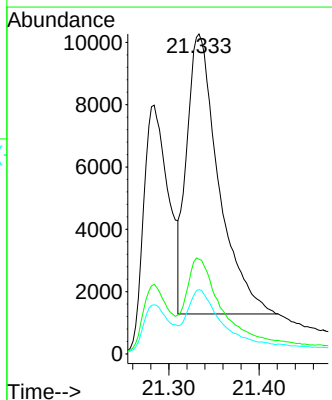
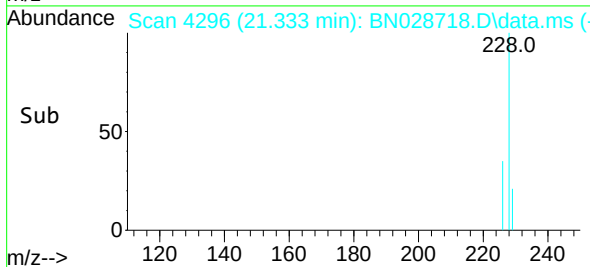
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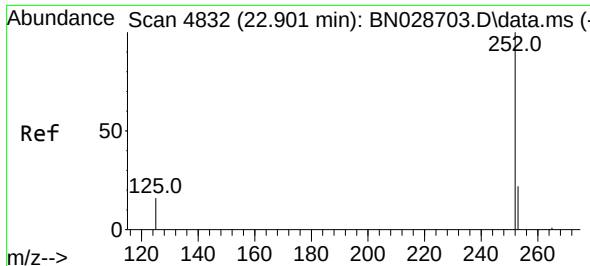


#22
Chrysene
Concen: 0.348 ng/u1
RT: 21.333 min Scan# 4296
Delta R.T. 0.000 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30



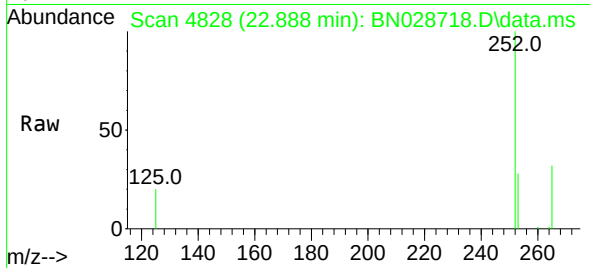
Tgt Ion:228 Resp: 21991
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 20.1 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.321 ng/ul
RT: 22.888 min Scan# 4828
Delta R.T. 0.000 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30

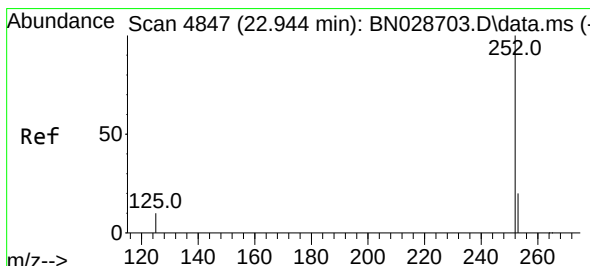
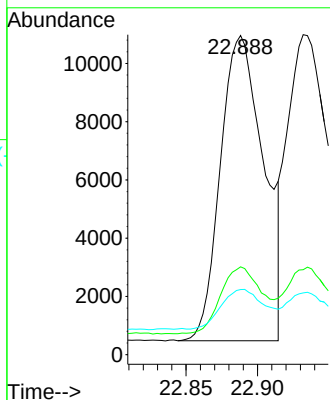
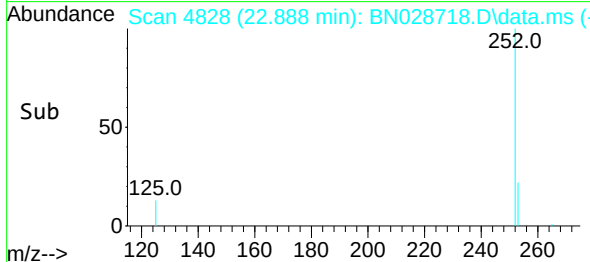
Instrument :
BNA_N
ClientSampleId :
SLCS820



Tgt Ion:252 Resp: 22145
Ion Ratio Lower Upper
252 100
253 27.5 0.0 46.6
125 20.4 0.0 27.6

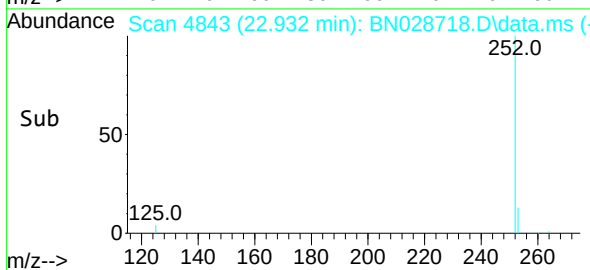
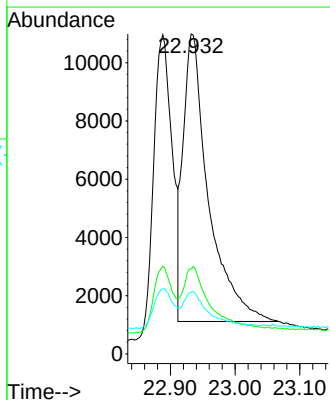
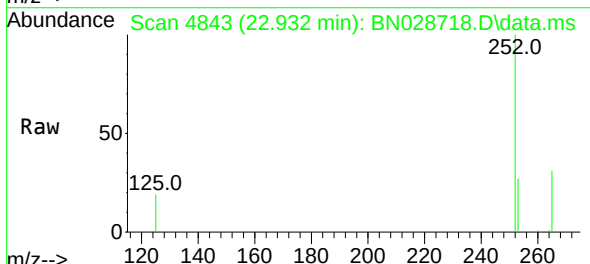
Manual Integrations
APPROVED

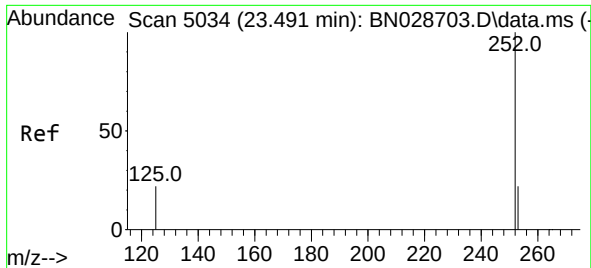
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul
RT: 22.932 min Scan# 4843
Delta R.T. 0.000 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30

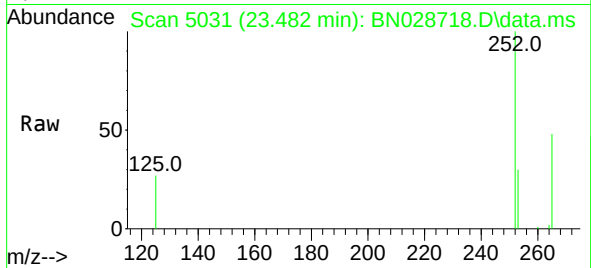
Tgt Ion:252 Resp: 26791
Ion Ratio Lower Upper
252 100
253 26.6 18.6 28.0
125 19.3 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.482 min Scan# 5031
Delta R.T. 0.000 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30

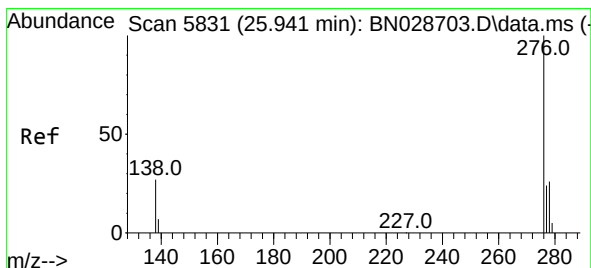
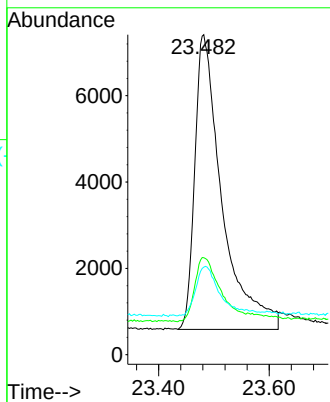
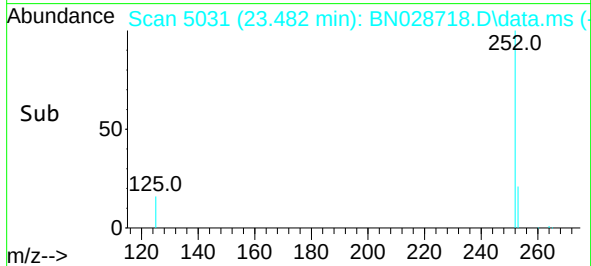
Instrument :
BNA_N
ClientSampleId :
SLCS820



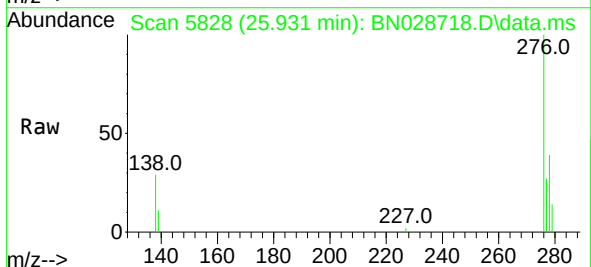
Tgt Ion:252 Resp: 23370
Ion Ratio Lower Upper
252 100
253 30.3 19.0 28.6
125 27.3 13.2 19.8

Manual Integrations
APPROVED

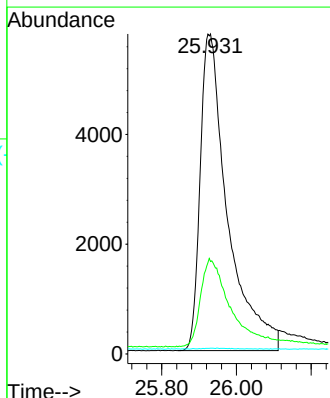
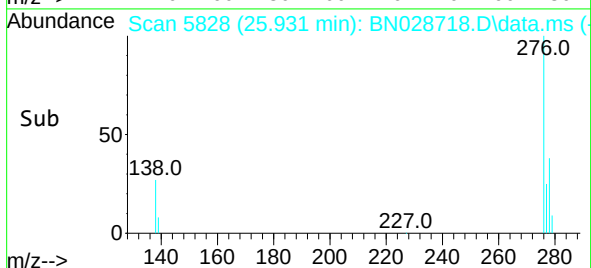
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

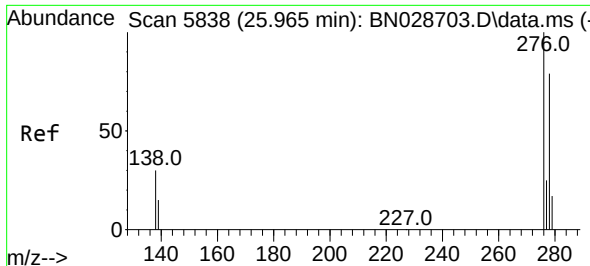


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 25.931 min Scan# 5828
Delta R.T. 0.000 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30



Tgt Ion:276 Resp: 29397
Ion Ratio Lower Upper
276 100
138 30.5 23.8 35.6
227 0.1 0.1 0.1



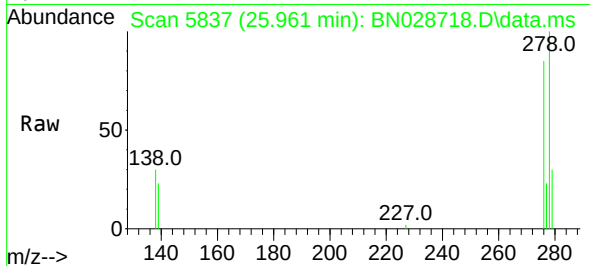


#28
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 25.961 min Scan# 5838
Delta R.T. 0.003 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30

Instrument :

BNA_N

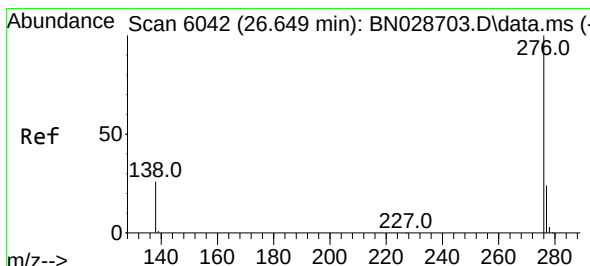
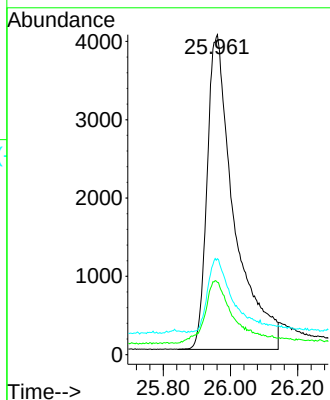
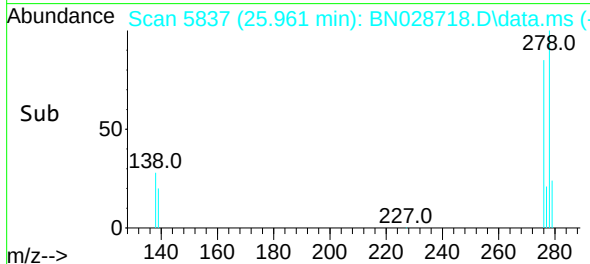
ClientSampleId :
SLCS820



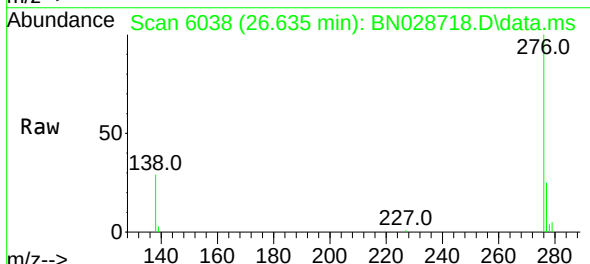
Tgt Ion:278 Resp: 22370
Ion Ratio Lower Upper
278 100
139 22.6 18.2 27.4
279 30.0 20.7 31.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#29
Benzo(g,h,i)perylene
Concen: 0.445 ng/ul
RT: 26.635 min Scan# 6038
Delta R.T. -0.007 min
Lab File: BN028718.D
Acq: 18 Nov 2023 01:30



Tgt Ion:276 Resp: 26340
Ion Ratio Lower Upper
276 100
138 28.7 20.5 30.7
277 24.8 19.4 29.0

