

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028716.D
 Acq On : 18 Nov 2023 00:18
 Operator : MA/JU
 Sample : PB156807BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS807

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 01:22:00 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	7.791	152	6122m	0.400	ng/ul	0.00
4) Naphthalene-d8	10.490	136	17339	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.325	164	11795	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.085	188	19243	0.400	ng/ul	0.00
17) Chrysene-d12	21.292	240	15657	0.400	ng/ul #	0.00
23) Perylene-d12	23.575	264	15592	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	5816	0.860	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.107	152	7810	0.299	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	26291	0.522	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	17763	2.375	ng/ul#	81
5) Naphthalene	10.534	128	19934	0.410	ng/ul	97
7) 2-Methylnaphthalene	12.167	142	9106	0.284	ng/ul	97
8) 1-Methylnaphthalene	12.365	142	13023	0.401	ng/ul	99
10) Acenaphthylene	14.047	152	25337	0.430	ng/ul	99
11) Acenaphthene	14.385	153	20212	0.467	ng/ul	99
12) Fluorene	15.389	166	18865	0.374	ng/ul	99
14) Pentachlorophenol	16.739	266	4203	0.910	ng/ul	100
15) Phenanthrene	17.123	178	28353	0.480	ng/ul	98
16) Anthracene	17.233	178	18272	0.337	ng/ul	96
19) Fluoranthene	19.150	202	35150	0.528	ng/ul	99
20) Pyrene	19.512	202	39396	0.571	ng/ul	98
21) Benzo(a)anthracene	21.278	228	23305	0.376	ng/ul	98
22) Chrysene	21.330	228	29549	0.488	ng/ul	99
24) Benzo(b)fluoranthene	22.885	252	27194	0.465	ng/ul	89
25) Benzo(k)fluoranthene	22.932	252	31899	0.521	ng/ul#	92
26) Benzo(a)pyrene	23.479	252	27874	0.505	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.924	276	33373	0.544	ng/ul	100
28) Dibenzo(a,h)anthracene	25.950	278	25637	0.523	ng/ul	96
29) Benzo(g,h,i)perylene	26.631	276	29096	0.579	ng/ul	96

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

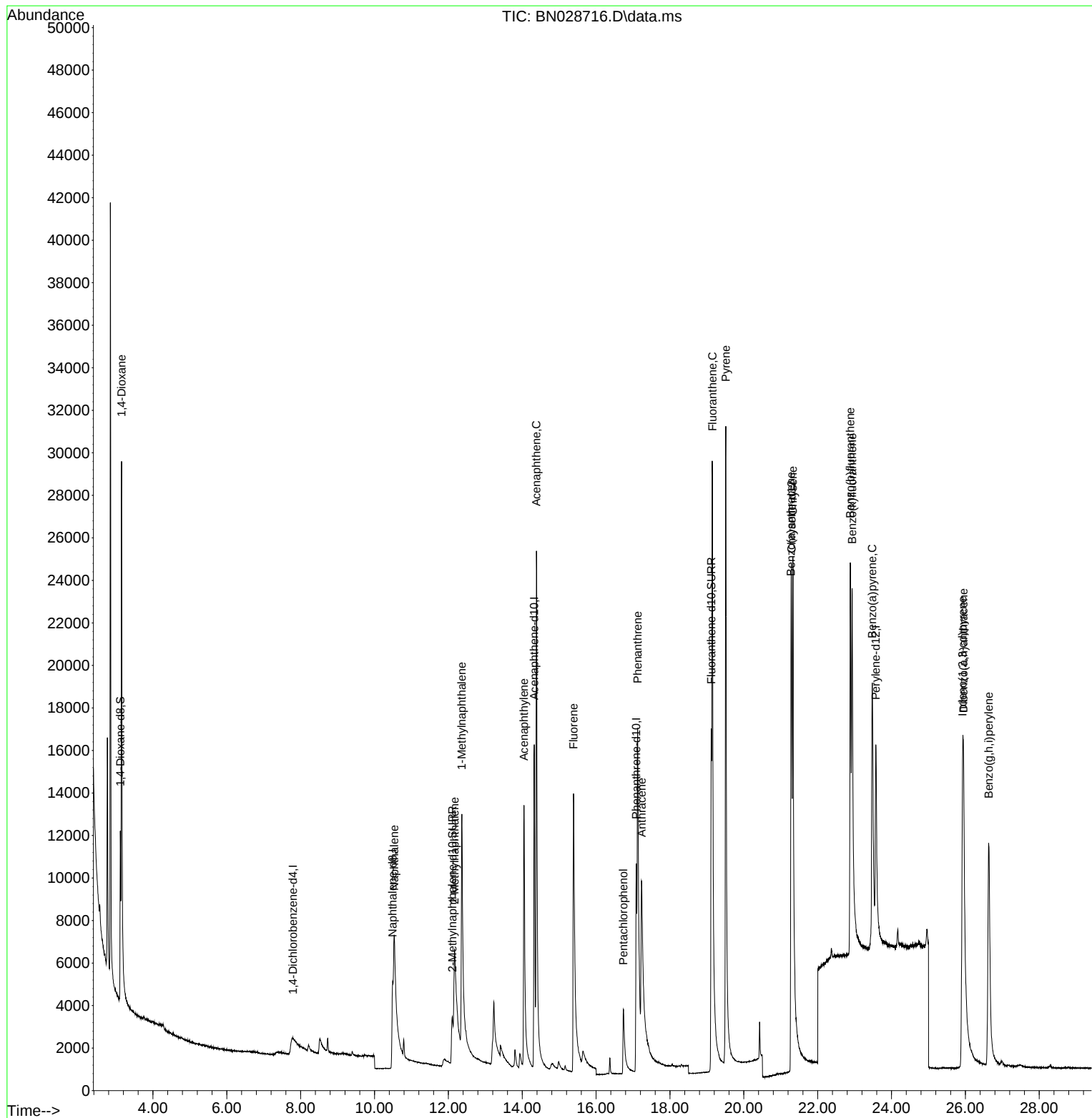
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028716.D
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ALS Vial : 15 Sample Multiplier: 1

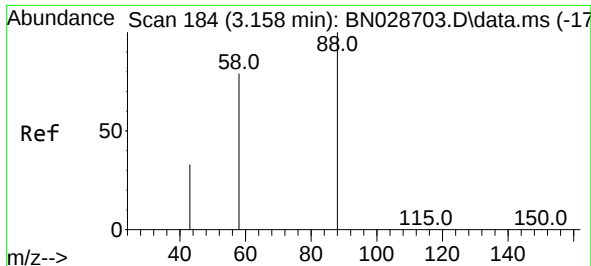
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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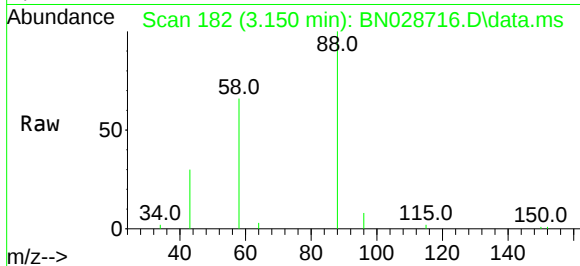
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023





#2
1,4-Dioxane
Concen: 2.375 ng/ul
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

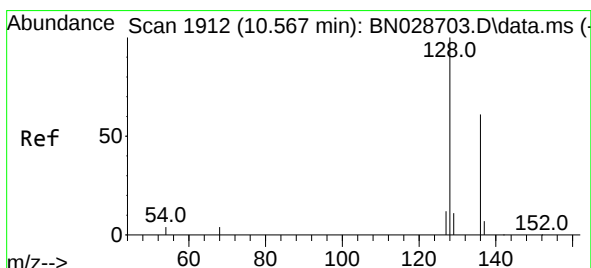
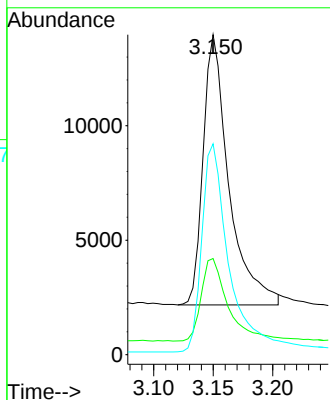
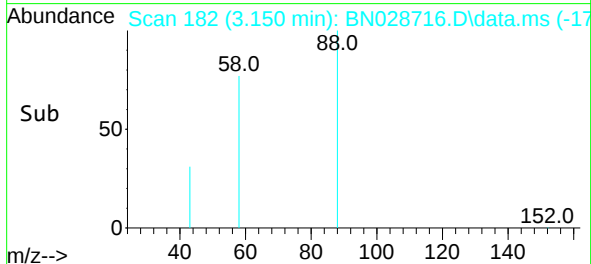
Instrument :
BNA_N
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Tgt Ion: 88 Resp: 1776
Ion Ratio Lower Upper
88 100
43 30.1 32.9 49.3
58 65.9 41.8 62.8

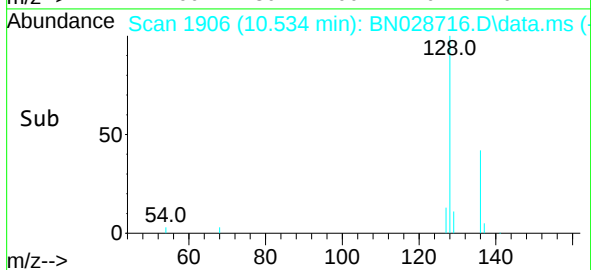
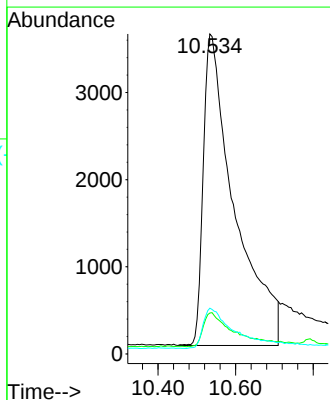
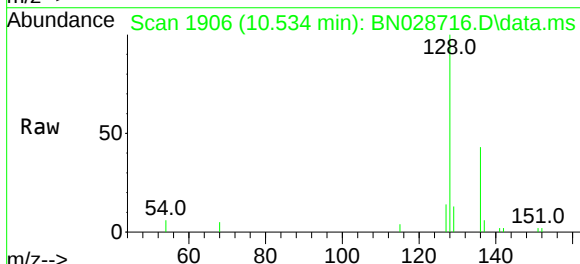
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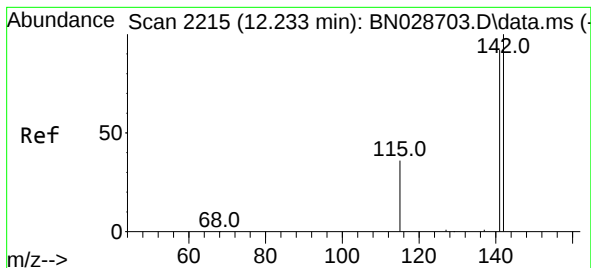
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.410 ng/ul
RT: 10.534 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

Tgt Ion:128 Resp: 19934
Ion Ratio Lower Upper
128 100
129 12.8 9.2 13.8
127 14.3 10.7 16.1





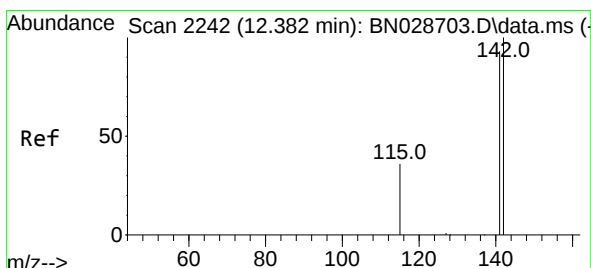
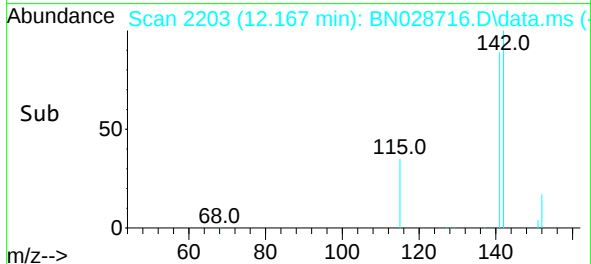
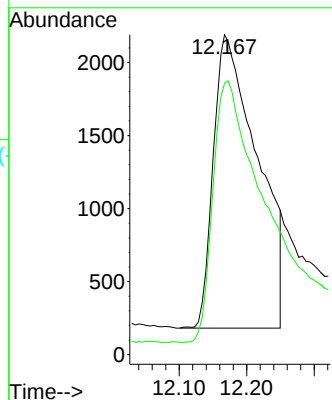
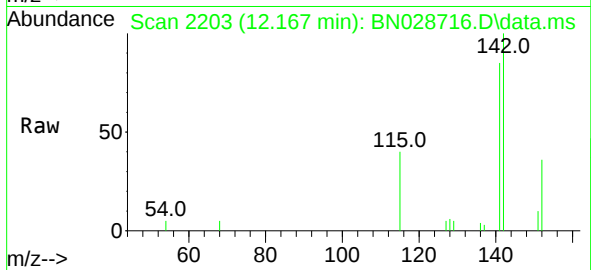
#7
2-Methylnaphthalene
Concen: 0.284 ng/ul
RT: 12.167 min Scan# 2215
Delta R.T. -0.006 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

Instrument :
BNA_N
ClientSampleId :
SLCS807

Tgt Ion:142 Resp: 9100
Ion Ratio Lower Upper
142 100
141 91.7 70.8 106.2

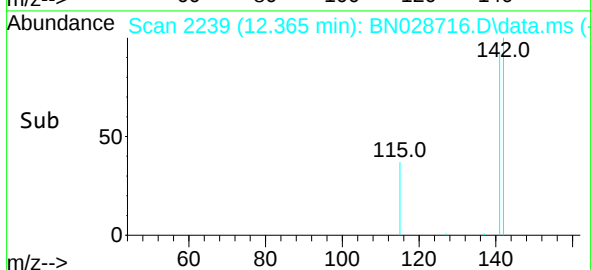
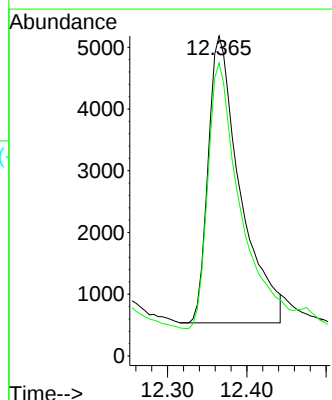
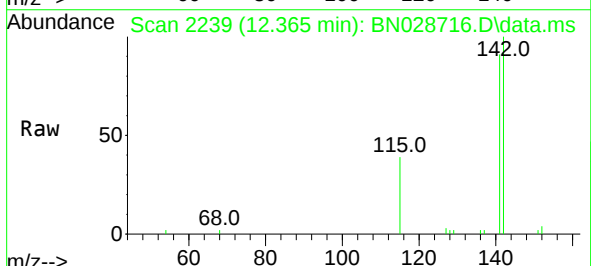
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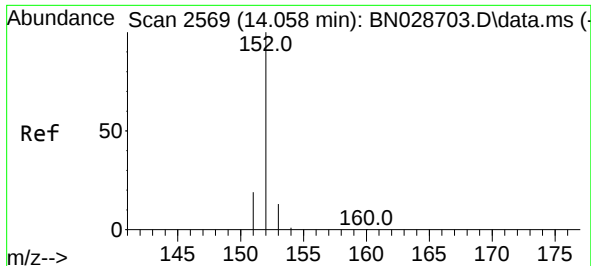
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#8
1-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.365 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

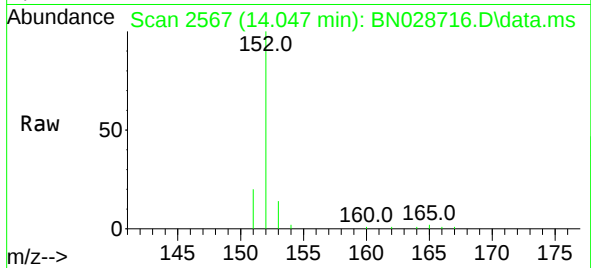
Tgt Ion:142 Resp: 13023
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1





#10
Acenaphthylene
Concen: 0.430 ng/ul
RT: 14.047 min Scan# 2567
Delta R.T. -0.005 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

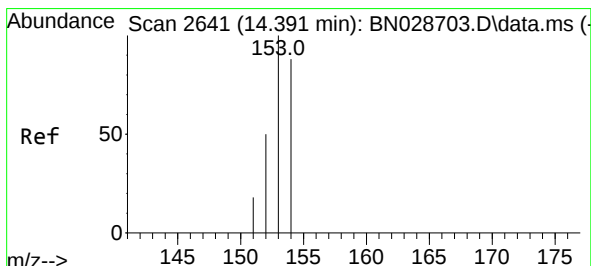
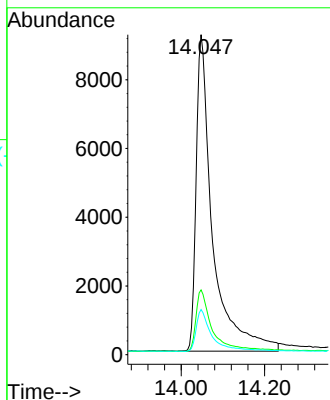
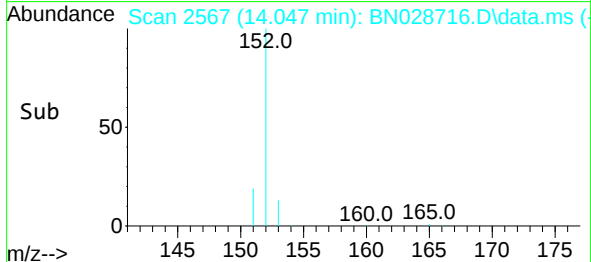
Instrument :
BNA_N
ClientSampleId :
SLCS807



Tgt Ion:152 Resp: 2533
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 14.1 10.6 15.8

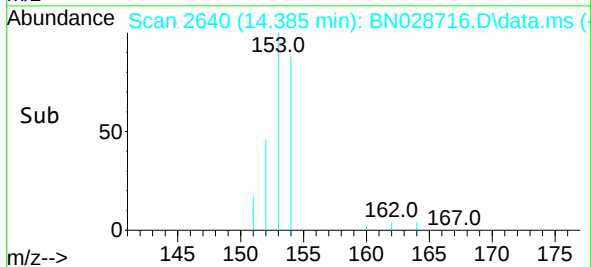
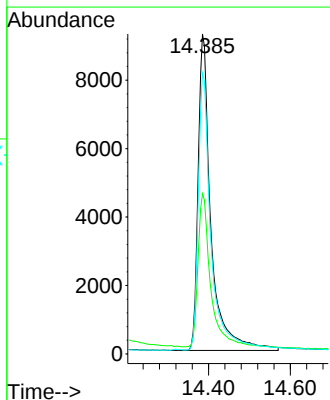
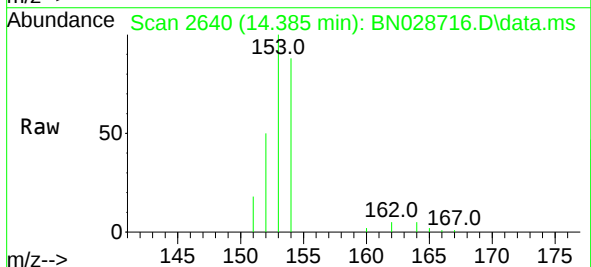
Manual Integrations
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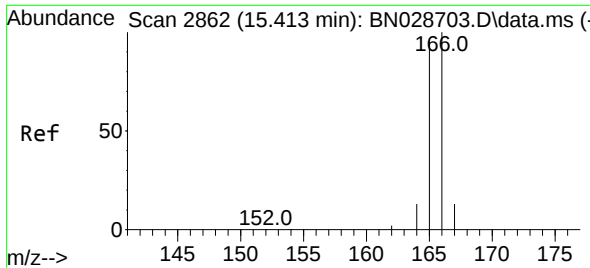
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.467 ng/ul
RT: 14.385 min Scan# 2640
Delta R.T. -0.005 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

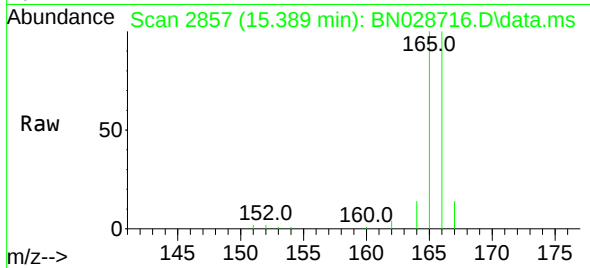
Tgt Ion:153 Resp: 20212
Ion Ratio Lower Upper
153 100
152 50.1 39.6 59.4
154 87.8 71.0 106.6





#12
Fluorene
Concen: 0.374 ng/ul
RT: 15.389 min Scan# 2862
Delta R.T. -0.005 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

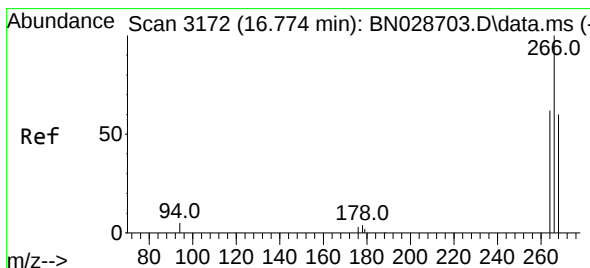
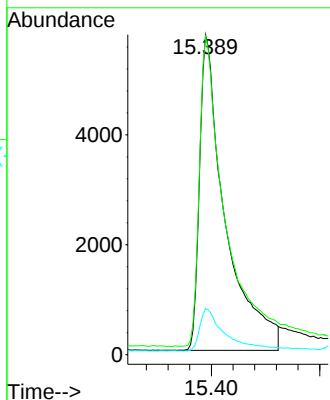
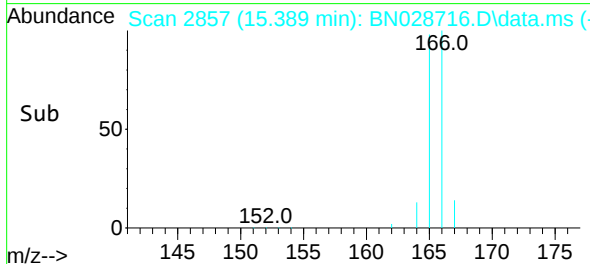
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ClientSampleId :
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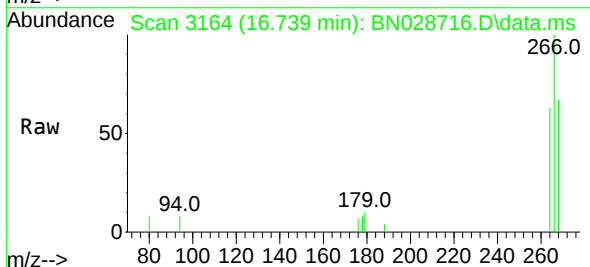
Tgt Ion:166 Resp: 1886
Ion Ratio Lower Upper
166 100
165 99.5 78.6 118.0
167 14.5 11.0 16.6

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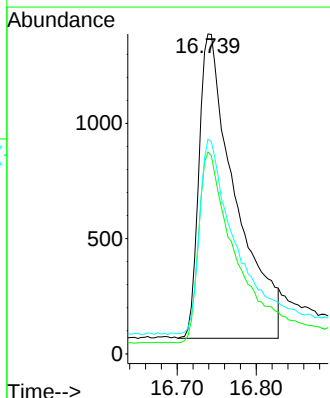
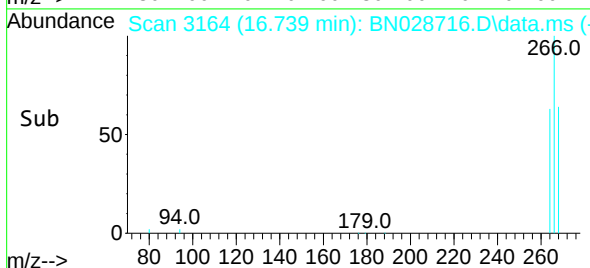
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

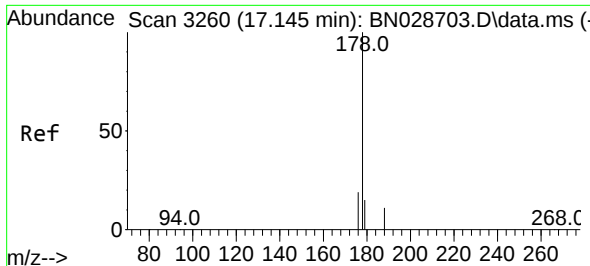


#14
Pentachlorophenol
Concen: 0.910 ng/ul
RT: 16.739 min Scan# 3164
Delta R.T. -0.009 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18



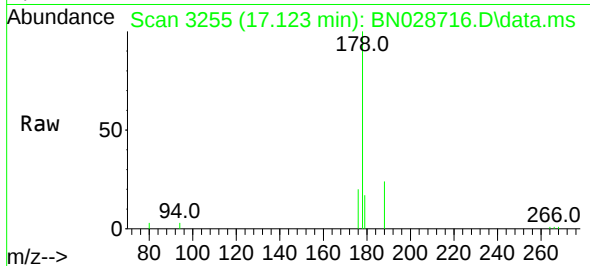
Tgt Ion:266 Resp: 4203
Ion Ratio Lower Upper
266 100
264 62.8 50.1 75.1
268 63.7 50.6 75.8





#15
Phenanthrene
Concen: 0.480 ng/ul
RT: 17.123 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

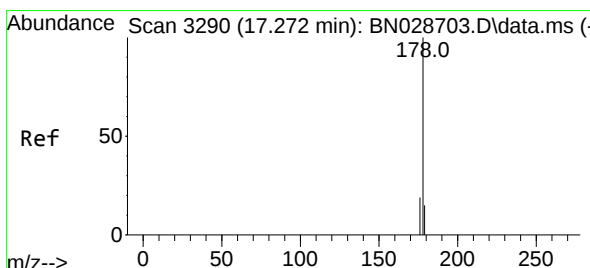
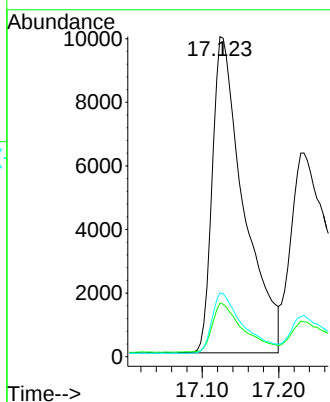
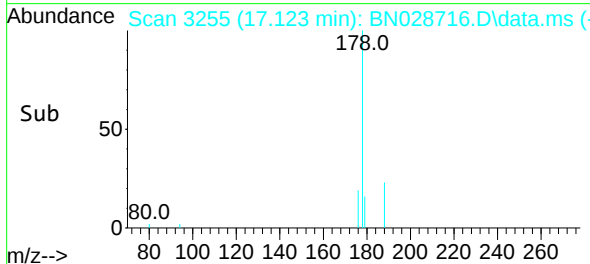
Instrument :
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Tgt Ion:178 Resp: 2835
Ion Ratio Lower Upper
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179 16.7 12.4 18.6
176 19.9 15.4 23.2

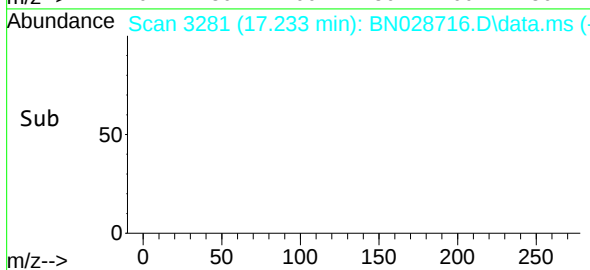
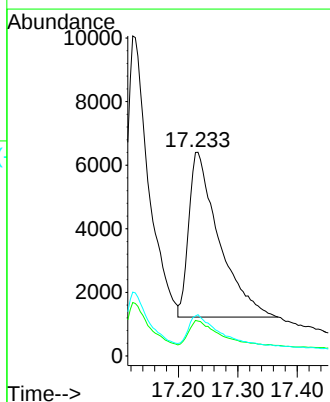
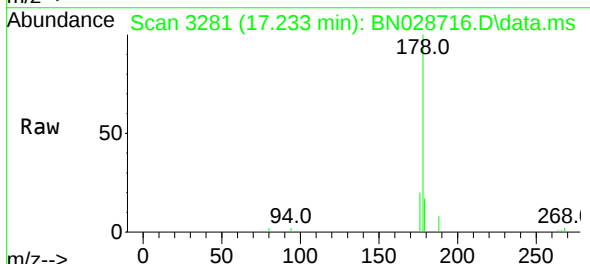
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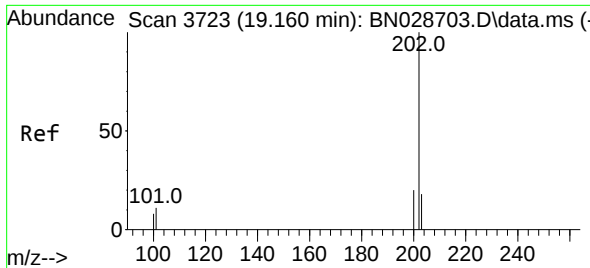
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#16
Anthracene
Concen: 0.337 ng/ul
RT: 17.233 min Scan# 3281
Delta R.T. -0.004 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

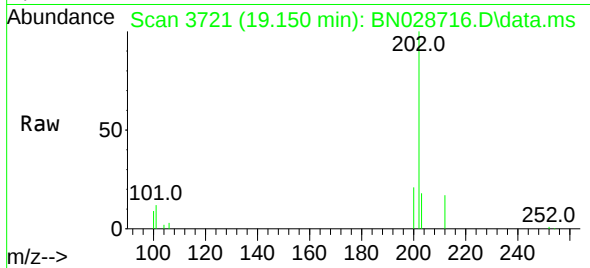
Tgt Ion:178 Resp: 18272
Ion Ratio Lower Upper
178 100
179 17.1 12.6 18.8
176 20.3 14.9 22.3





#19
Fluoranthene
Concen: 0.528 ng/u1
RT: 19.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

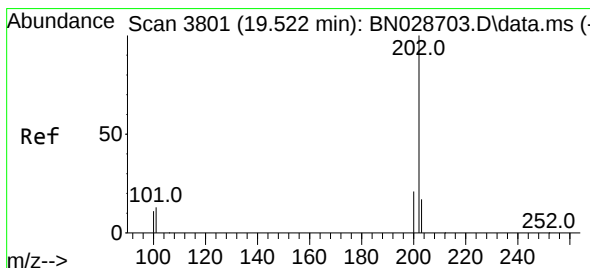
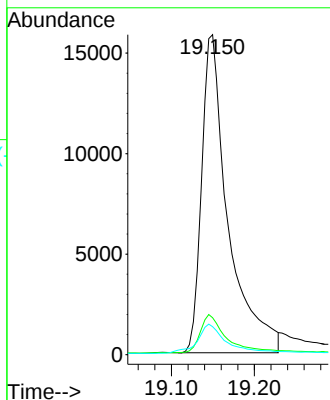
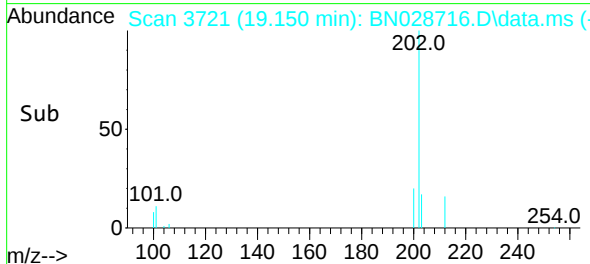
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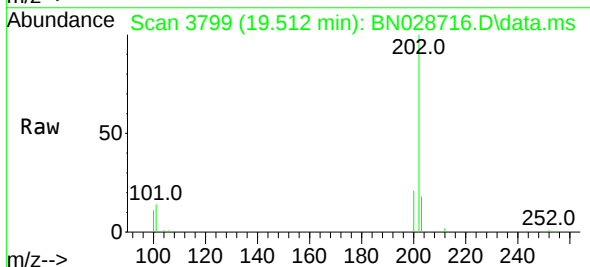
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Ion Ratio Lower Upper
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100 8.8 7.2 10.8

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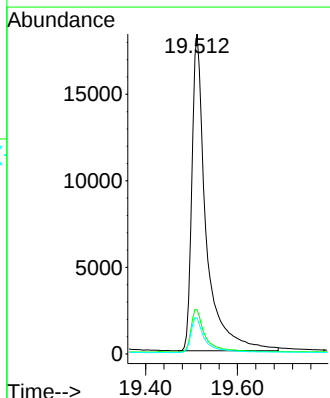
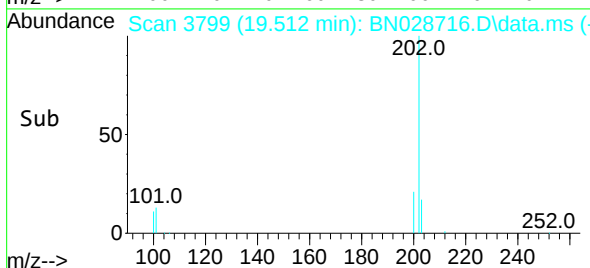
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

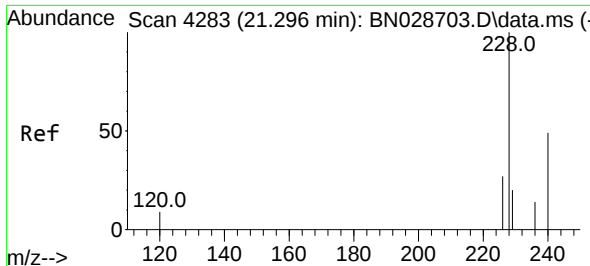


#20
Pyrene
Concen: 0.571 ng/u1
RT: 19.512 min Scan# 3799
Delta R.T. -0.000 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18



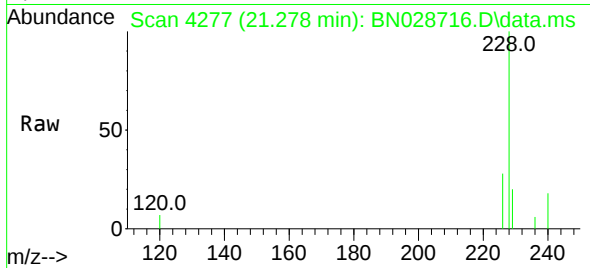
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Ion Ratio Lower Upper
202 100
101 13.8 10.3 15.5
100 11.2 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.278 min Scan# 4277
Delta R.T. -0.003 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

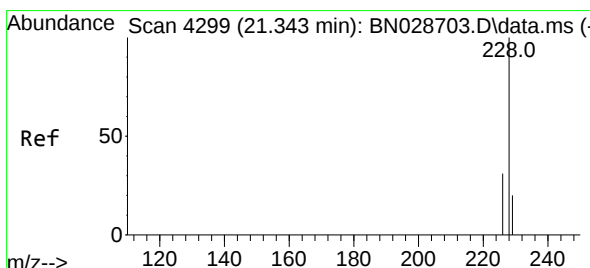
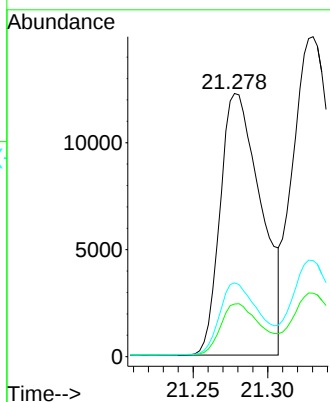
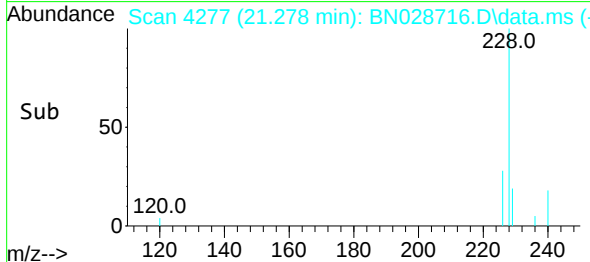
Instrument :
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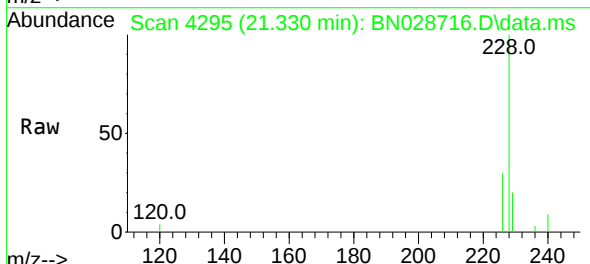
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Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 28.0 21.4 32.0

Manual Integrations
APPROVED

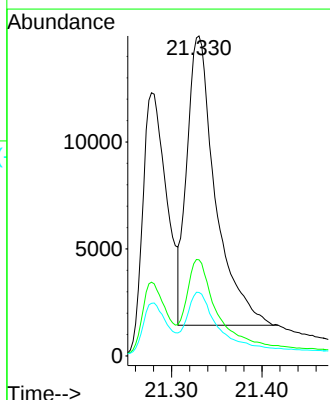
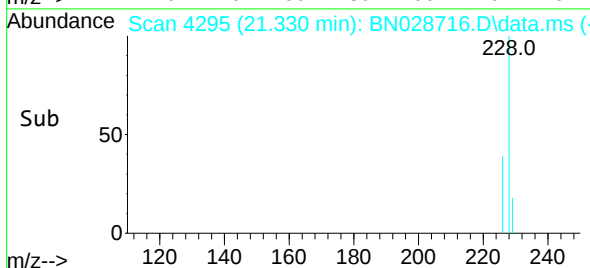
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

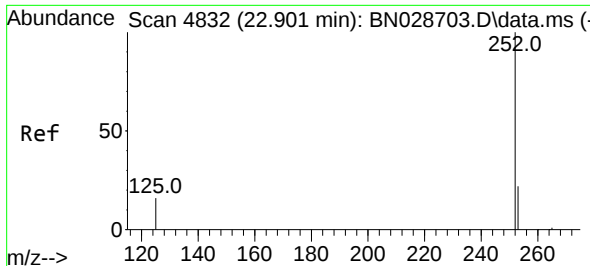


#22
Chrysene
Concen: 0.488 ng/ul
RT: 21.330 min Scan# 4295
Delta R.T. -0.003 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18



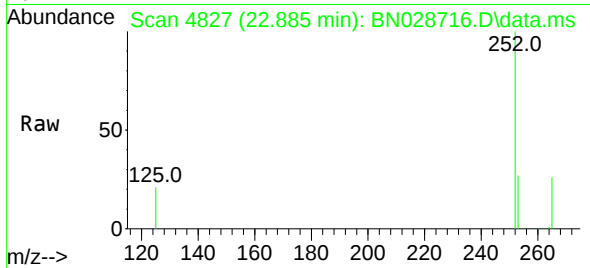
Tgt Ion:228 Resp: 29549
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 19.9 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.465 ng/ul
RT: 22.885 min Scan# 4827
Delta R.T. -0.003 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

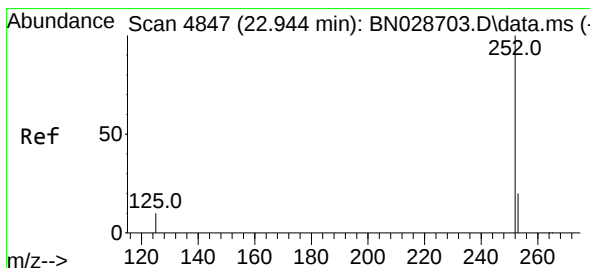
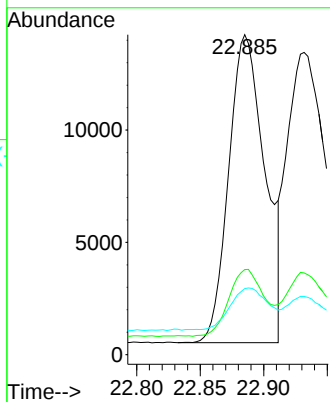
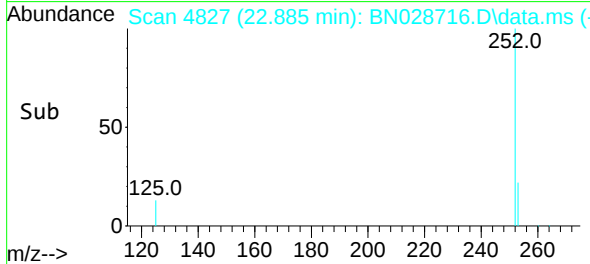
Instrument :
BNA_N
ClientSampleId :
SLCS807



Tgt Ion:252 Resp: 27194
Ion Ratio Lower Upper
252 100
253 26.6 0.0 46.6
125 20.7 0.0 27.6

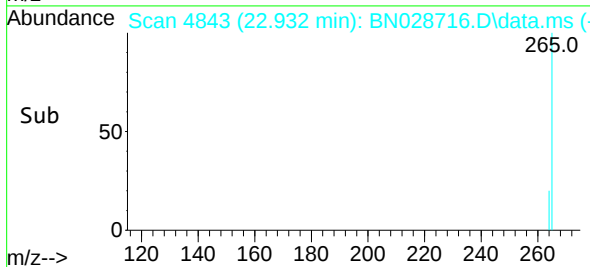
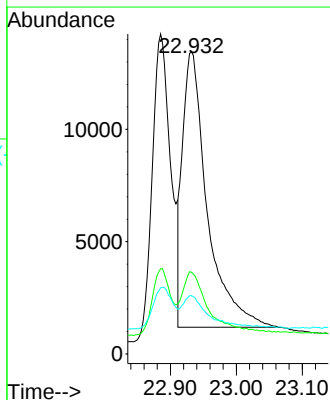
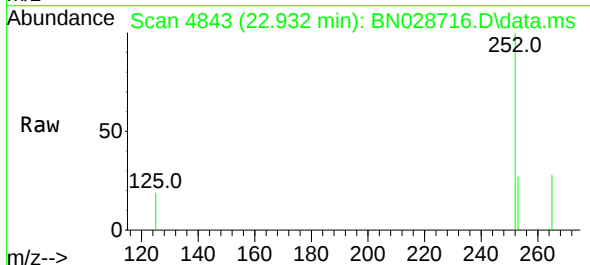
Manual Integrations
APPROVED

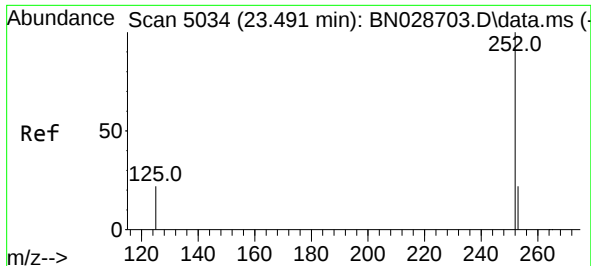
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.521 ng/ul
RT: 22.932 min Scan# 4843
Delta R.T. -0.000 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

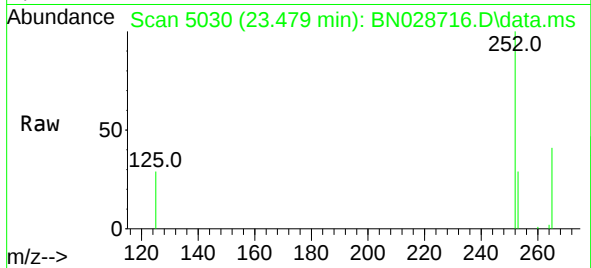
Tgt Ion:252 Resp: 31899
Ion Ratio Lower Upper
252 100
253 27.1 18.6 28.0
125 19.3 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.505 ng/ul
RT: 23.479 min Scan# 5034
Delta R.T. -0.003 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

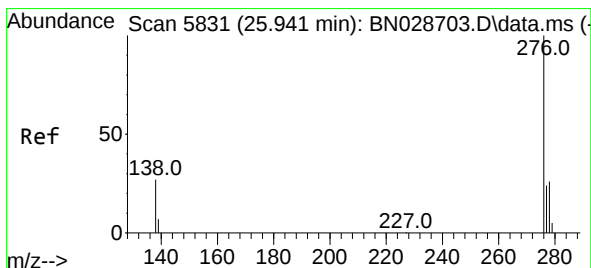
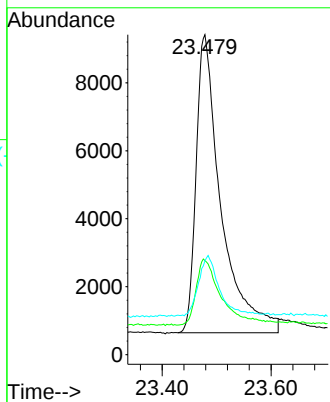
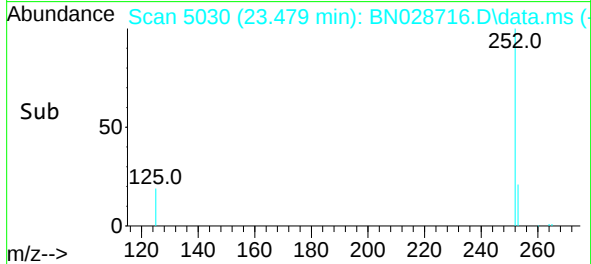
Instrument :
BNA_N
ClientSampleId :
SLCS807



Tgt Ion:252 Resp: 27874
Ion Ratio Lower Upper
252 100
253 29.4 19.0 28.6
125 29.3 13.2 19.8

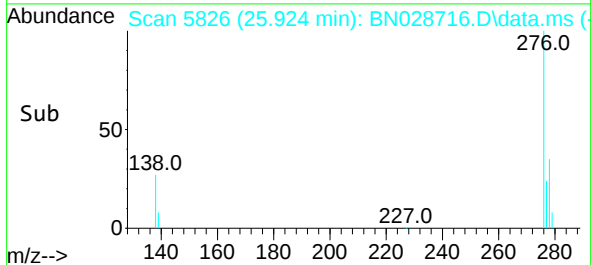
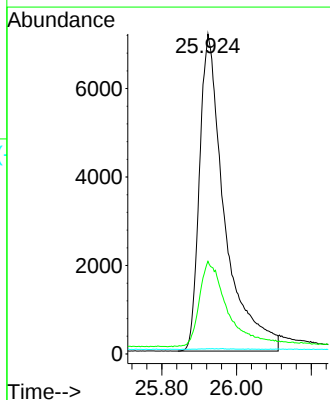
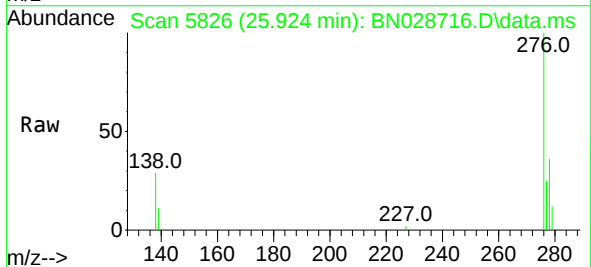
Manual Integrations
APPROVED

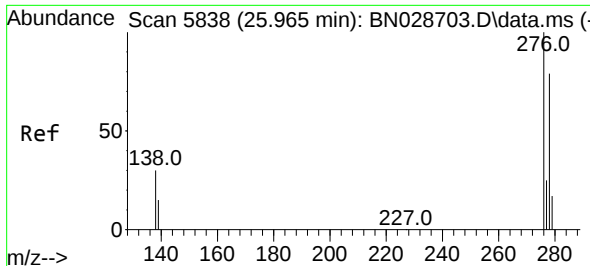
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.544 ng/ul
RT: 25.924 min Scan# 5826
Delta R.T. -0.007 min
Lab File: BN028716.D
Acq: 18 Nov 2023 00:18

Tgt Ion:276 Resp: 33373
Ion Ratio Lower Upper
276 100
138 29.9 23.8 35.6
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.523 ng/ul

RT: 25.950 min Scan# 5838

Delta R.T. -0.007 min

Lab File: BN028716.D

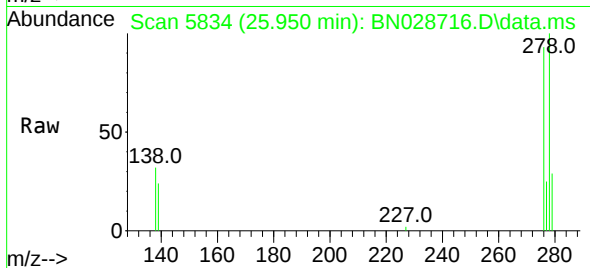
Acq: 18 Nov 2023 00:18

Instrument :

BNA_N

ClientSampleId :

SLCS807



Tgt Ion:278 Resp: 2563

Ion Ratio Lower Upper

278 100

139 23.8 18.2 27.4

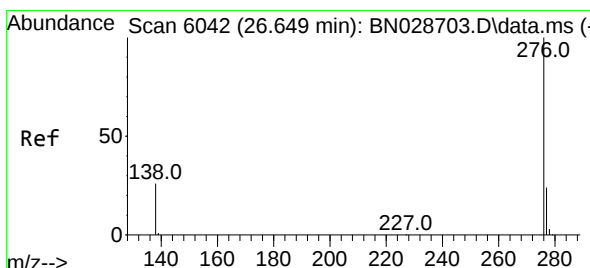
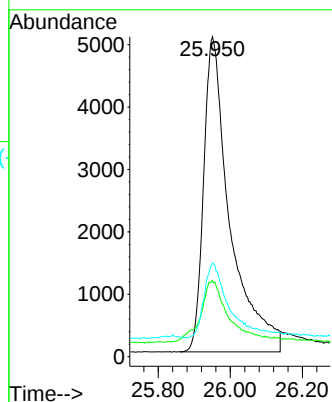
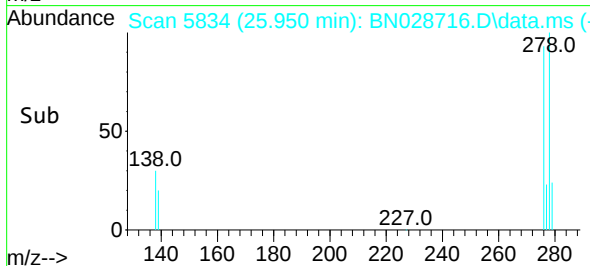
279 29.3 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2023

Supervised By :mohammad ahmed 11/20/2023



#29

Benzo(g,h,i)perylene

Concen: 0.579 ng/ul

RT: 26.631 min Scan# 6037

Delta R.T. -0.010 min

Lab File: BN028716.D

Acq: 18 Nov 2023 00:18

Tgt Ion:276 Resp: 29096

Ion Ratio Lower Upper

276 100

138 28.2 20.5 30.7

277 25.6 19.4 29.0

