

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028799.D
 Acq On : 20 Nov 2023 04:58
 Operator : MA/JU
 Sample : PB156818BS
 Misc :
 ALS Vial : 104 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS818

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 05:29:42 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 : Mon Nov 20 01:23:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.685	152	7889m	0.400	ng/ul	-0.11
4) Naphthalene-d8	10.456	136	26161	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.311	164	13618	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.068	188	21663	0.400	ng/ul	-0.02
17) Chrysene-d12	21.280	240	15907	0.400	ng/ul	#-0.01
23) Perylene-d12	23.563	264	19535	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	8233	0.944	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.057	152	15566	0.395	ng/ul	-0.06
18) Fluoranthene-d10	19.108	212	28664	0.560	ng/ul	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.145	88	25184	2.613	ng/ul#	79
5) Naphthalene	10.500	128	34001	0.464	ng/ul	100
7) 2-Methylnaphthalene	12.128	142	18376	0.380	ng/ul	99
8) 1-Methylnaphthalene	12.343	142	20703	0.422	ng/ul	99
10) Acenaphthylene	14.033	152	36482	0.537	ng/ul	99
11) Acenaphthene	14.376	153	25407	0.508	ng/ul	99
12) Fluorene	15.370	166	24826	0.427	ng/ul	99
14) Pentachlorophenol	16.722	266	5860	1.127	ng/ul	99
15) Phenanthrene	17.110	178	32644	0.490	ng/ul	99
16) Anthracene	17.203	178	28530	0.467	ng/ul	98
19) Fluoranthene	19.135	202	36810	0.544	ng/ul	100
20) Pyrene	19.503	202	39657	0.566	ng/ul	100
21) Benzo(a)anthracene	21.266	228	31449	0.500	ng/ul#	92
22) Chrysene	21.318	228	33254	0.541	ng/ul#	93
24) Benzo(b)fluoranthene	22.873	252	35138	0.479	ng/ul	85
25) Benzo(k)fluoranthene	22.920	252	37751	0.492	ng/ul#	89
26) Benzo(a)pyrene	23.464	252	35913	0.519	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.903	276	44580	0.580	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.923	278	35610	0.580	ng/ul#	90
29) Benzo(g,h,i)perylene	26.618	276	37720	0.599	ng/ul#	91

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

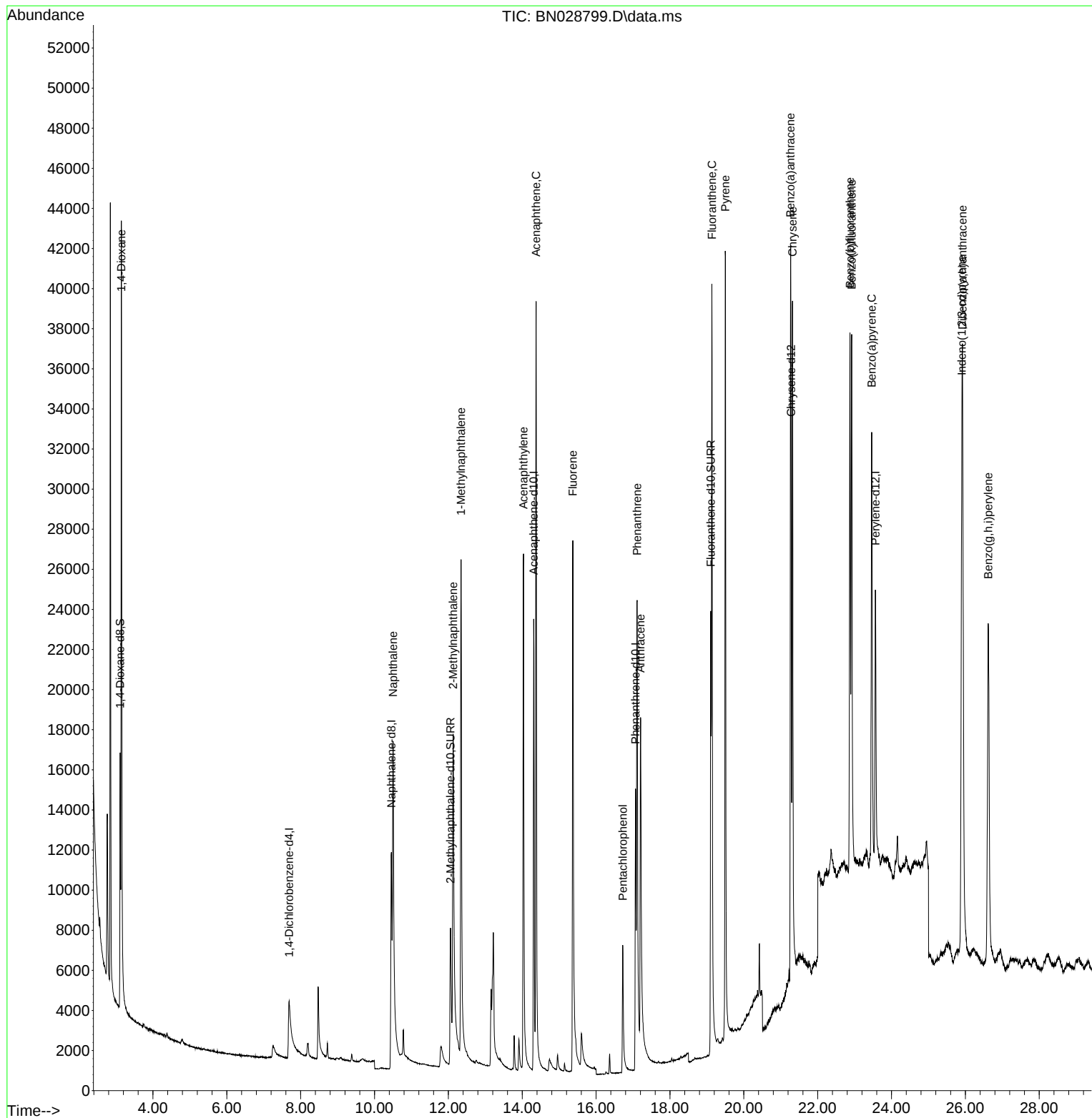
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028799.D
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ALS Vial : 104 Sample Multiplier: 1

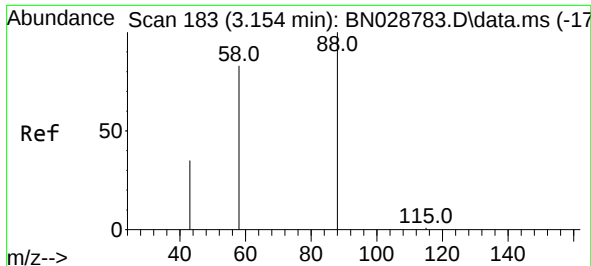
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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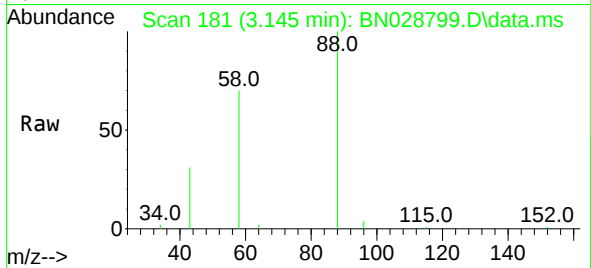
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023





#2
1,4-Dioxane
Concen: 2.613 ng/ul
RT: 3.145 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58

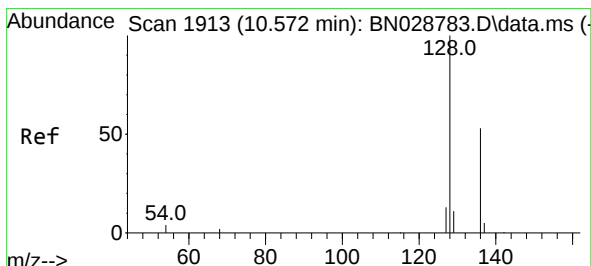
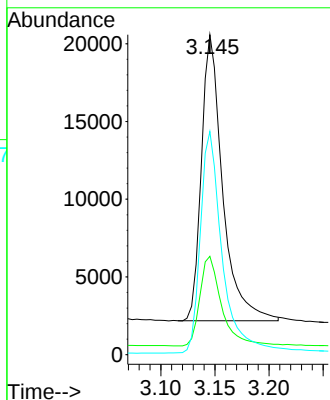
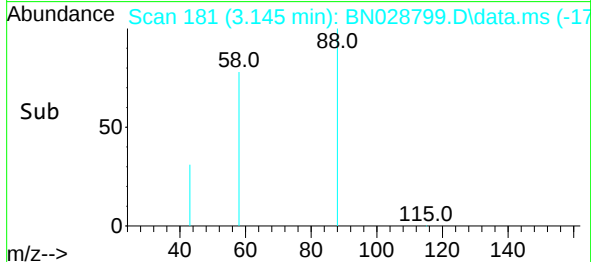
Instrument :
BNA_N
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Tgt Ion: 88 Resp: 25184
Ion Ratio Lower Upper
88 100
43 30.8 32.9 49.3
58 69.7 41.8 62.8

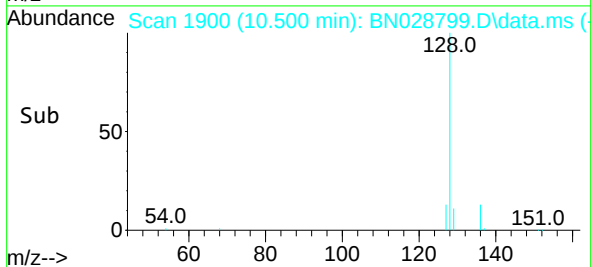
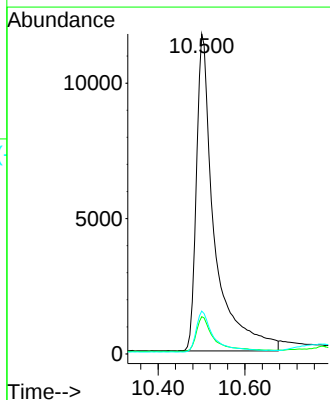
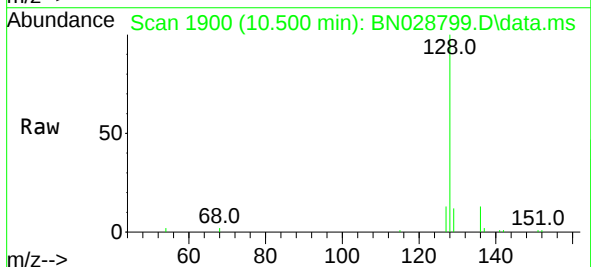
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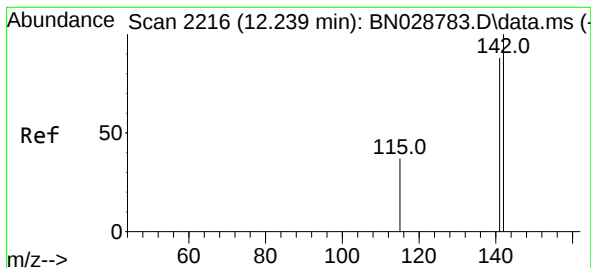
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.464 ng/ul
RT: 10.500 min Scan# 1900
Delta R.T. -0.033 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58

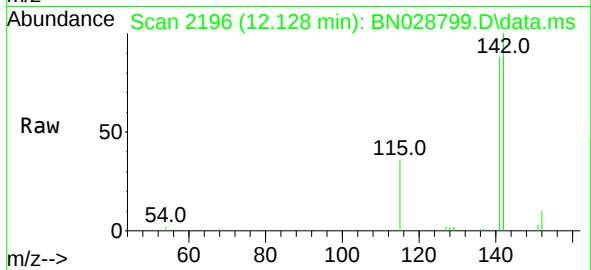
Tgt Ion:128 Resp: 34001
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.4 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.128 min Scan# 2196
Delta R.T. -0.044 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58

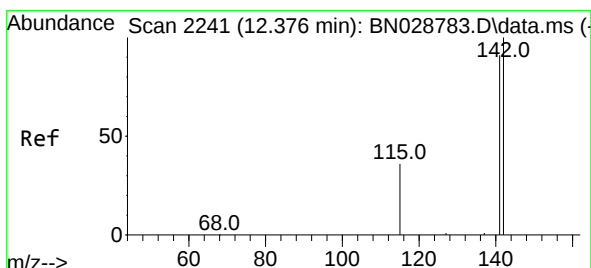
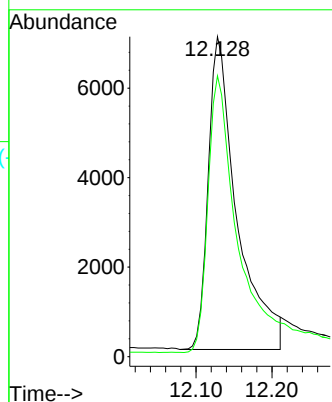
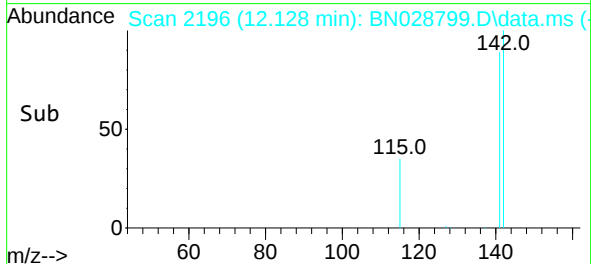
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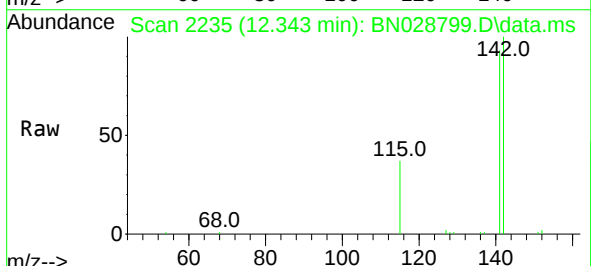
Tgt Ion:142 Resp: 18370
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2

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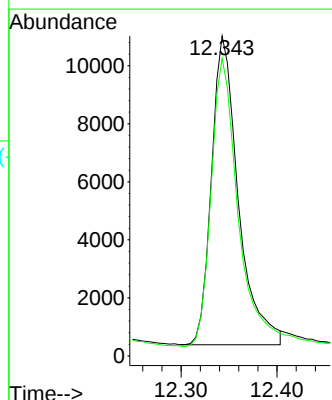
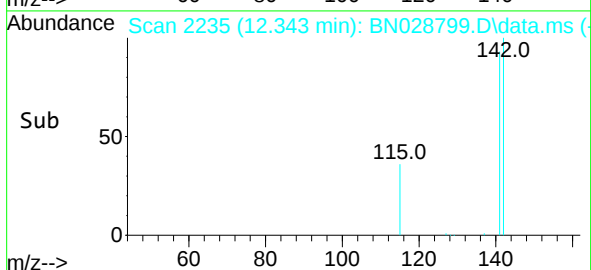
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

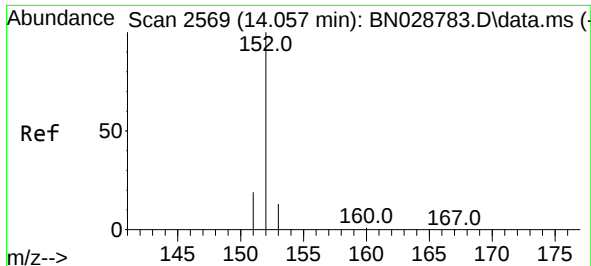


#8
1-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.343 min Scan# 2235
Delta R.T. -0.022 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58



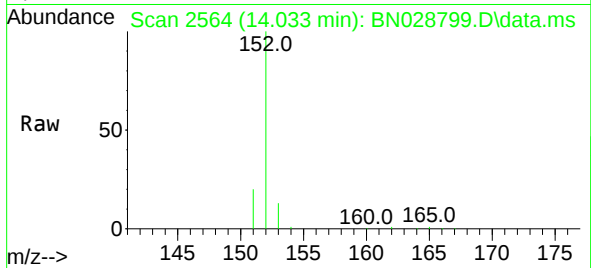
Tgt Ion:142 Resp: 20703
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1





#10
Acenaphthylene
Concen: 0.537 ng/ul
RT: 14.033 min Scan# 21
Delta R.T. -0.019 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58

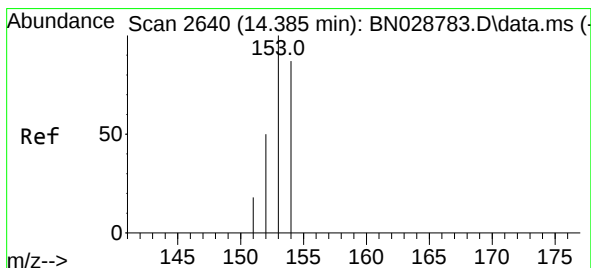
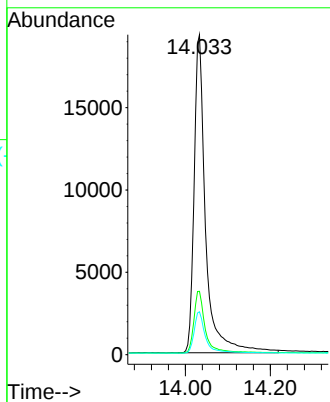
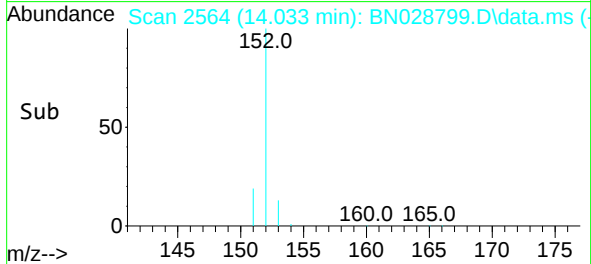
Instrument :
BNA_N
ClientSampleId :
SLCS818



Tgt Ion:152 Resp: 3648
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.4 10.6 15.8

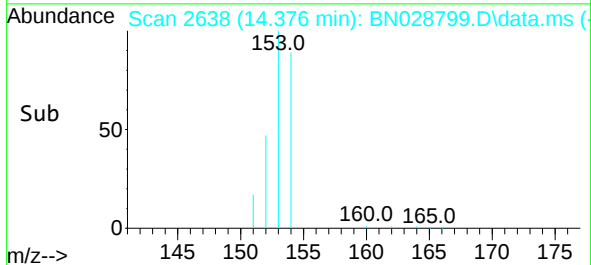
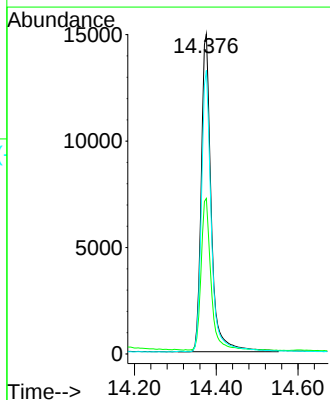
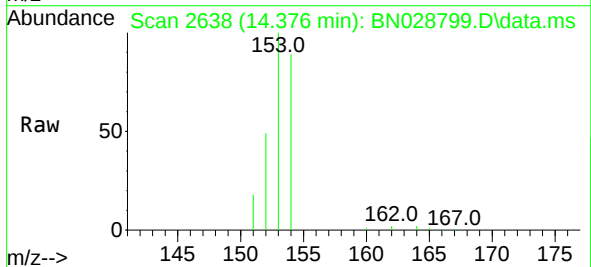
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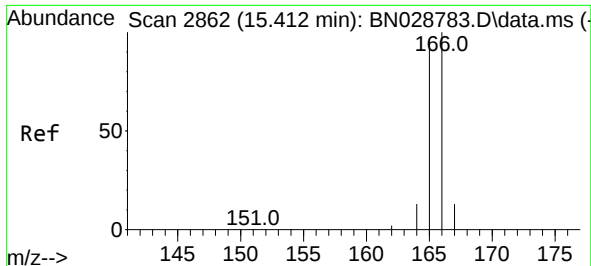
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.508 ng/ul
RT: 14.376 min Scan# 2638
Delta R.T. -0.014 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58

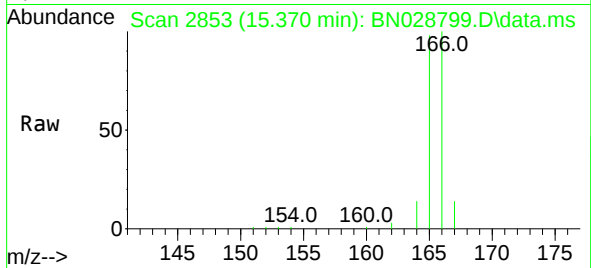
Tgt Ion:153 Resp: 25407
Ion Ratio Lower Upper
153 100
152 48.6 39.6 59.4
154 88.6 71.0 106.6





#12
Fluorene
Concen: 0.427 ng/ul
RT: 15.370 min Scan# 2862
Delta R.T. -0.023 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58

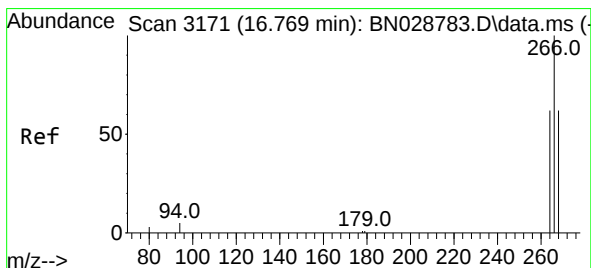
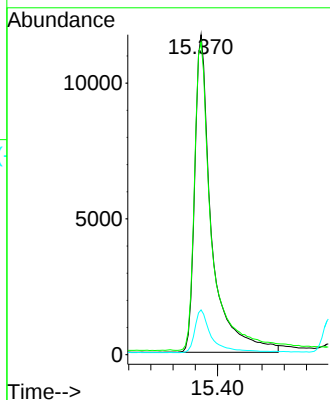
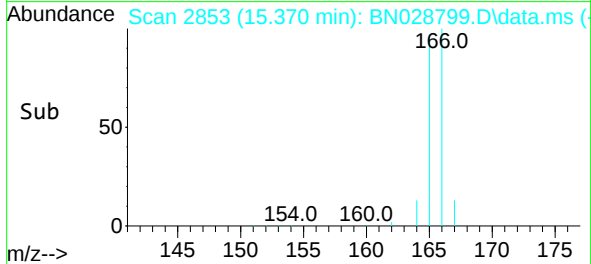
Instrument :
BNA_N
ClientSampleId :
SLCS818



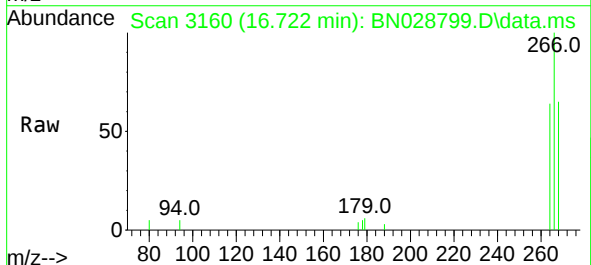
Tgt Ion:166 Resp: 24820
Ion Ratio Lower Upper
166 100
165 97.6 78.6 118.0
167 14.0 11.0 16.6

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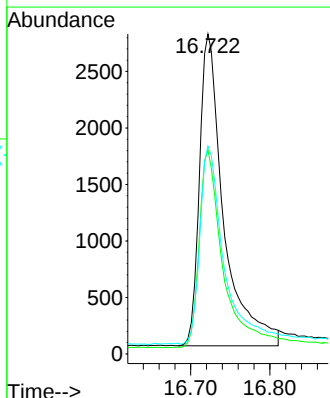
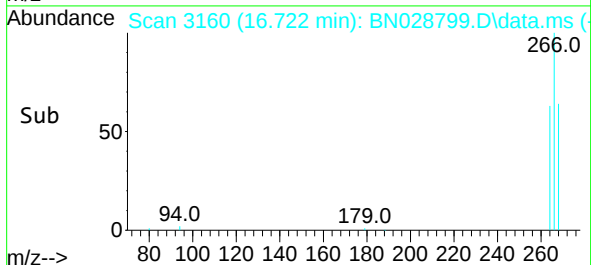
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

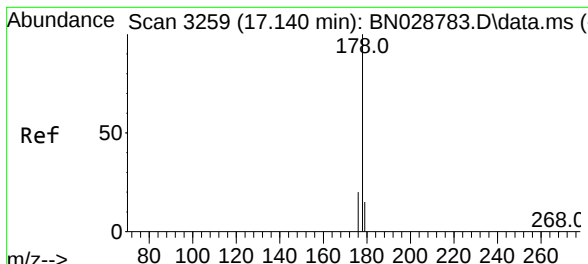


#14
Pentachlorophenol
Concen: 1.127 ng/ul
RT: 16.722 min Scan# 3160
Delta R.T. -0.026 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58



Tgt Ion:266 Resp: 5860
Ion Ratio Lower Upper
266 100
264 62.6 50.1 75.1
268 64.1 50.6 75.8



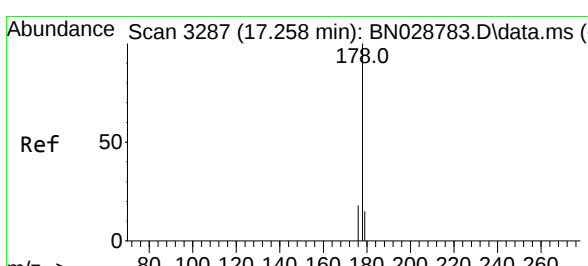
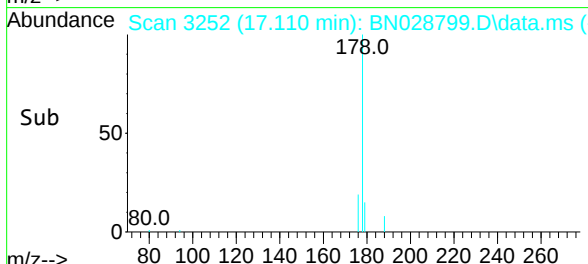
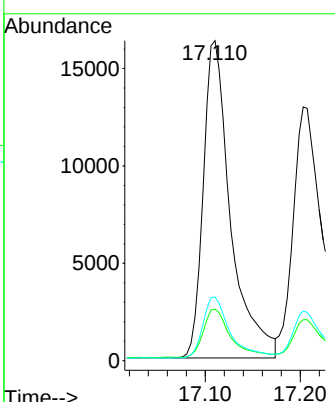
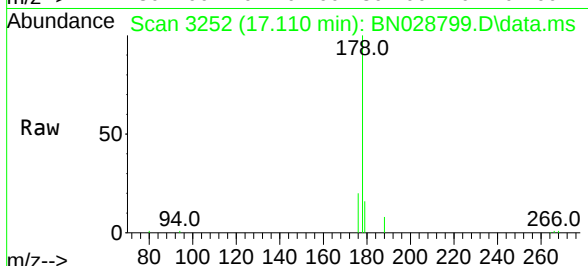


#15
 Phenanthrene
 Concen: 0.490 ng/u1
 RT: 17.110 min Scan# 31
 Delta R.T. -0.021 min
 Lab File: BN028799.D
 Acq: 20 Nov 2023 04:58

Instrument : BNA_N
 ClientSampleId : SLCS818

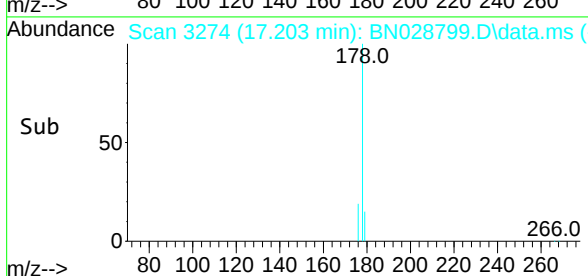
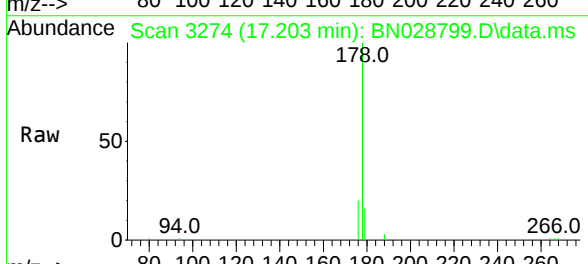
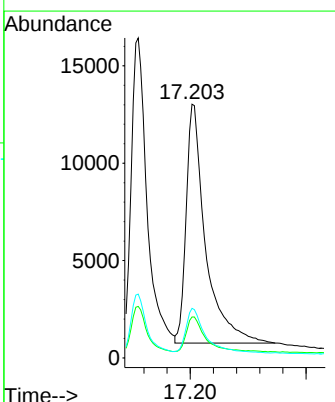
Tgt Ion:178	Resp:	3264
Ion Ratio	Lower	Upper
178	100	
179	16.1	12.4 18.6
176	19.9	15.4 23.2

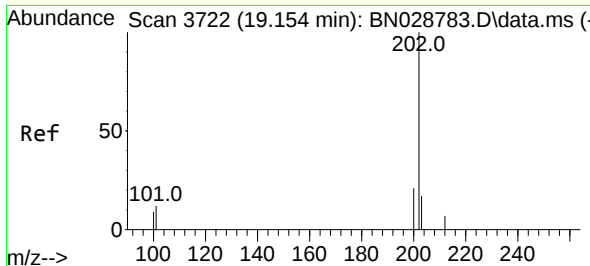
Manual Integrations
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 Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



#16
 Anthracene
 Concen: 0.467 ng/u1
 RT: 17.203 min Scan# 3274
 Delta R.T. -0.034 min
 Lab File: BN028799.D
 Acq: 20 Nov 2023 04:58

Tgt Ion:178	Resp:	28530
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.6 18.8
176	19.5	14.9 22.3





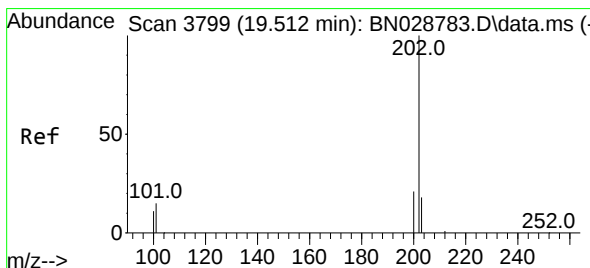
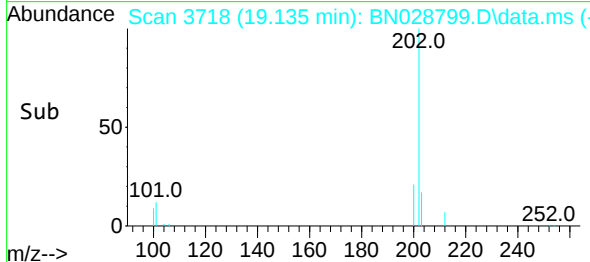
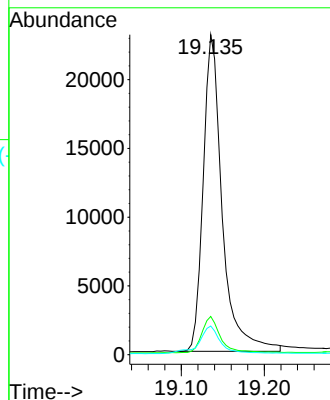
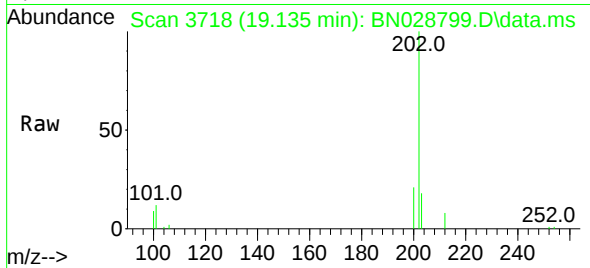
#19
Fluoranthene
Concen: 0.544 ng/u1
RT: 19.135 min Scan# 3718
Delta R.T. -0.014 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58

Instrument :
BNA_N
ClientSampleId :
SLCS818

Tgt Ion:202 Resp: 36810
Ion Ratio Lower Upper
202 100
101 12.0 9.5 14.3
100 9.0 7.2 10.8

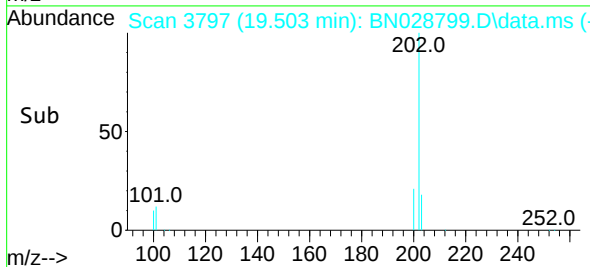
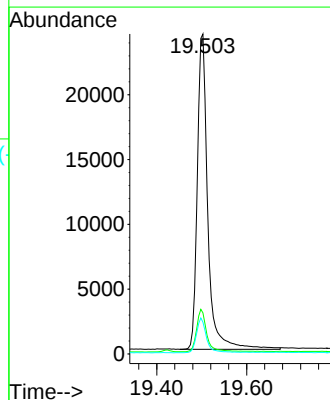
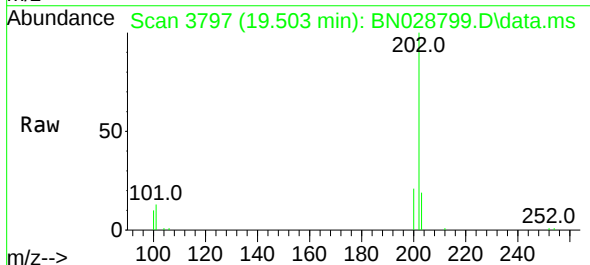
Manual Integrations
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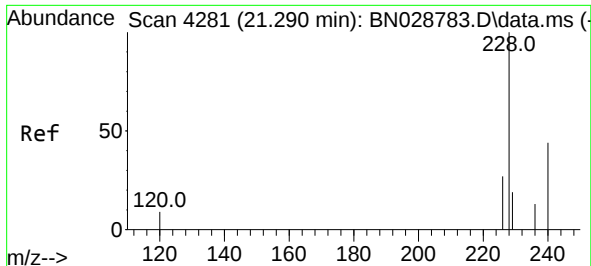
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.566 ng/u1
RT: 19.503 min Scan# 3797
Delta R.T. -0.010 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58

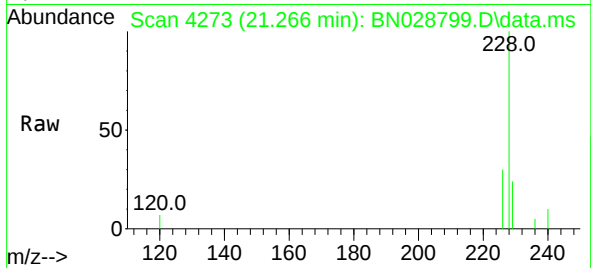
Tgt Ion:202 Resp: 39657
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 10.0 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.500 ng/ul
RT: 21.266 min Scan# 4281
Delta R.T. -0.015 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58

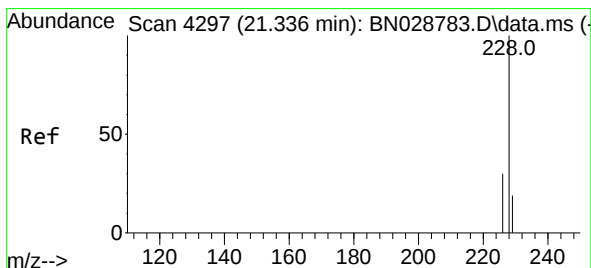
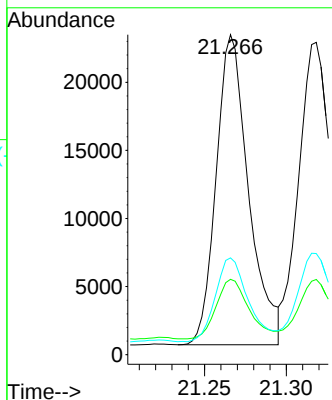
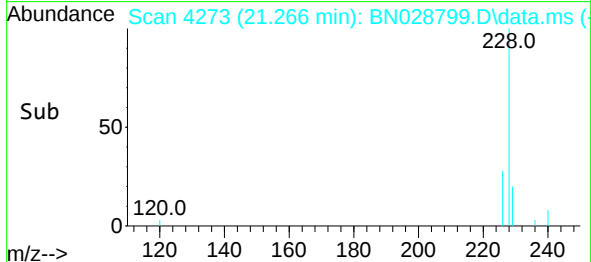
Instrument :
BNA_N
ClientSampleId :
SLCS818



Tgt Ion:228 Resp: 31449
Ion Ratio Lower Upper
228 100
229 23.6 15.7 23.5
226 30.2 21.4 32.0

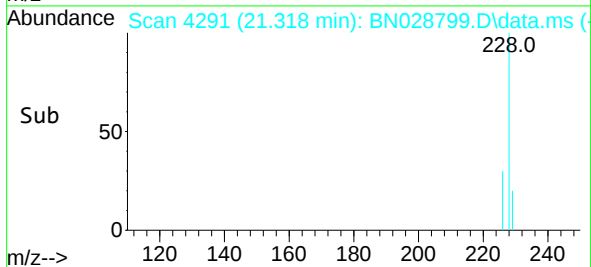
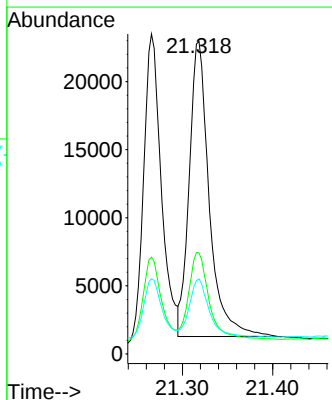
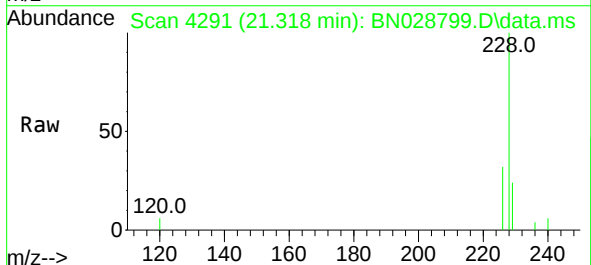
Manual Integrations
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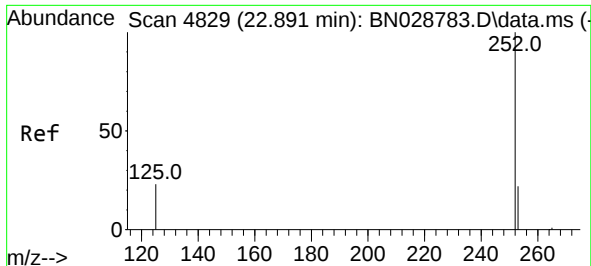
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#22
Chrysene
Concen: 0.541 ng/ul
RT: 21.318 min Scan# 4291
Delta R.T. -0.015 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58

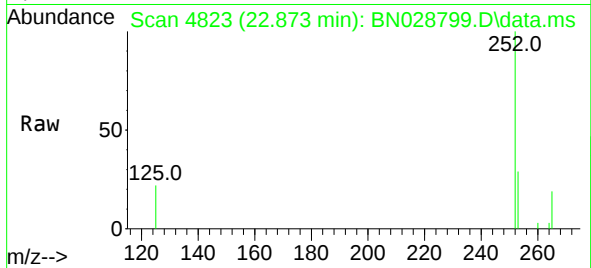
Tgt Ion:228 Resp: 33254
Ion Ratio Lower Upper
228 100
226 32.4 23.8 35.8
229 24.1 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.479 ng/ul
RT: 22.873 min Scan# 4823
Delta R.T. -0.015 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58

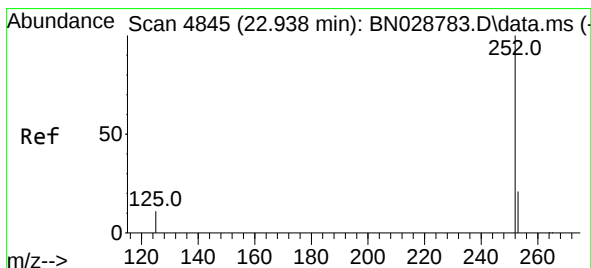
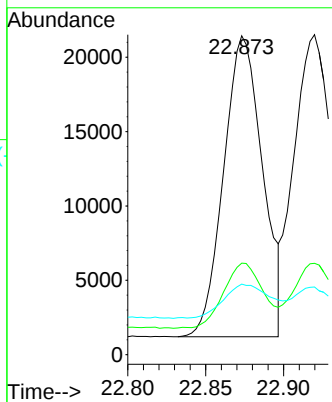
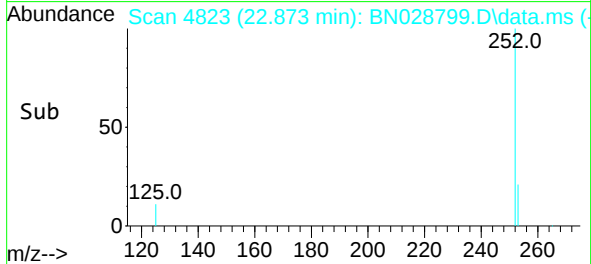
Instrument :
BNA_N
ClientSampleId :
SLCS818



Tgt Ion:252 Resp: 35138
Ion Ratio Lower Upper
252 100
253 28.7 0.0 46.6
125 22.1 0.0 27.6

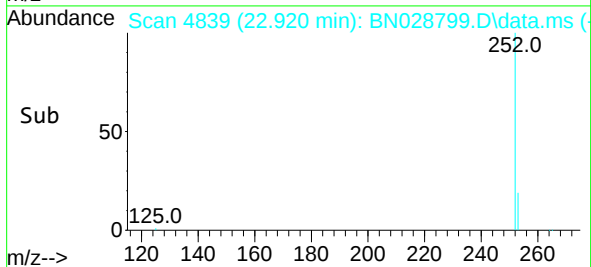
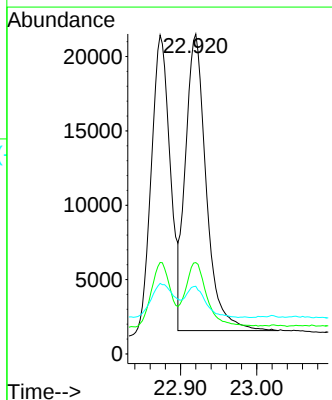
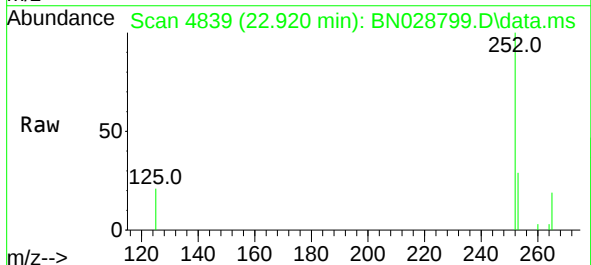
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APPROVED

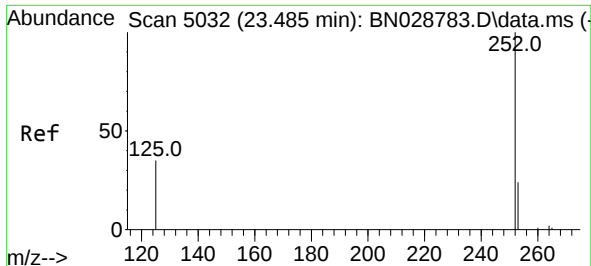
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.492 ng/ul
RT: 22.920 min Scan# 4839
Delta R.T. -0.012 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58

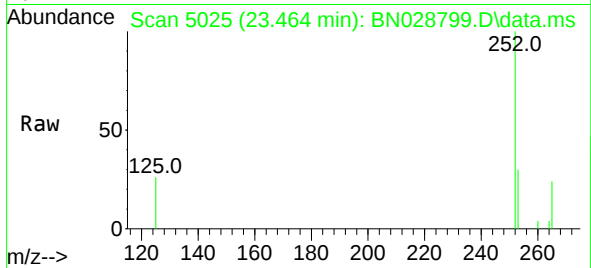
Tgt Ion:252 Resp: 37751
Ion Ratio Lower Upper
252 100
253 28.6 18.6 28.0#
125 21.1 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.519 ng/u1
RT: 23.464 min Scan# 5032
Delta R.T. -0.018 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58

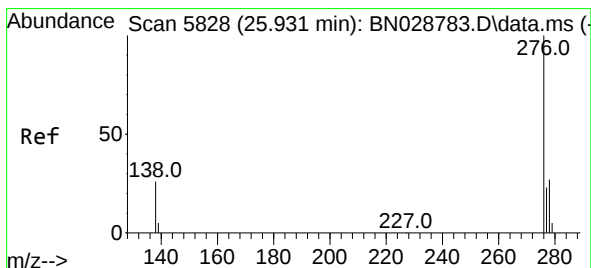
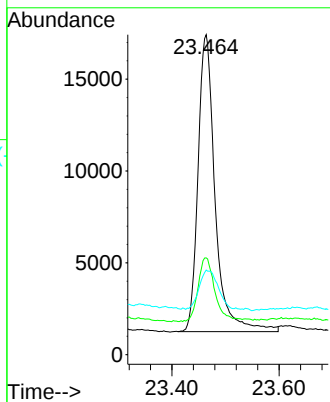
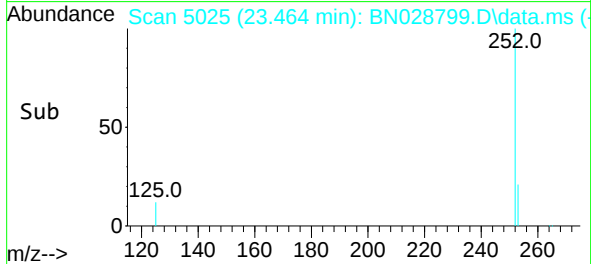
Instrument :
BNA_N
ClientSampleId :
SLCS818



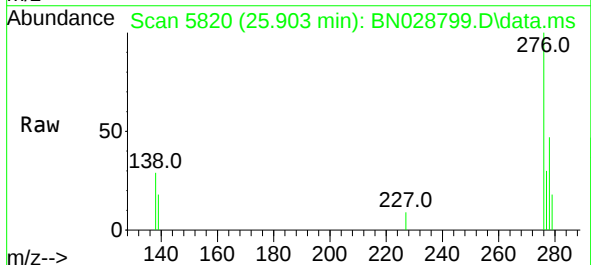
Tgt Ion:252 Resp: 3591
Ion Ratio Lower Upper
252 100
253 30.3 19.0 28.6
125 26.4 13.2 19.8

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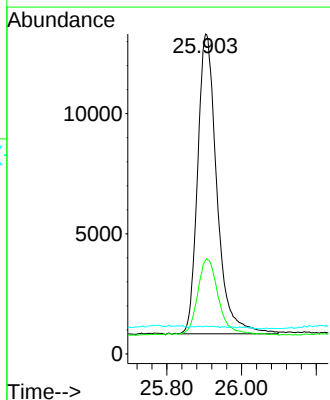
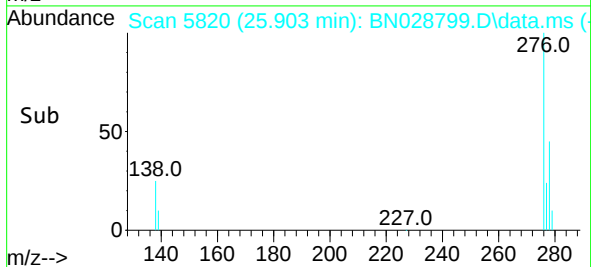
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

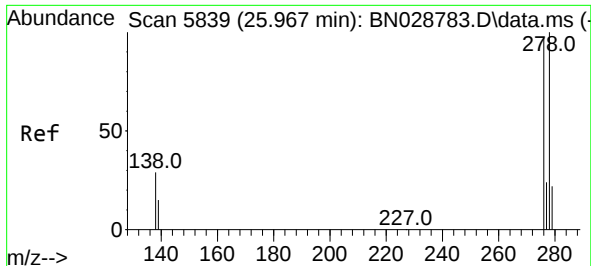


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.580 ng/u1
RT: 25.903 min Scan# 5820
Delta R.T. -0.027 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58



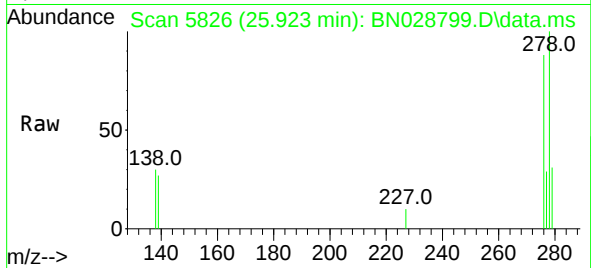
Tgt Ion:276 Resp: 44580
Ion Ratio Lower Upper
276 100
138 26.9 23.8 35.6
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.580 ng/ul
RT: 25.923 min Scan# 5826
Delta R.T. -0.034 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58

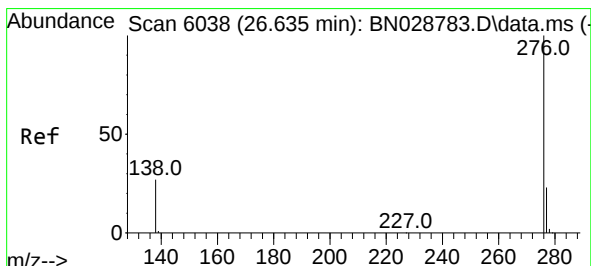
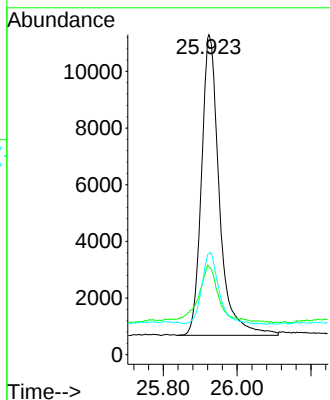
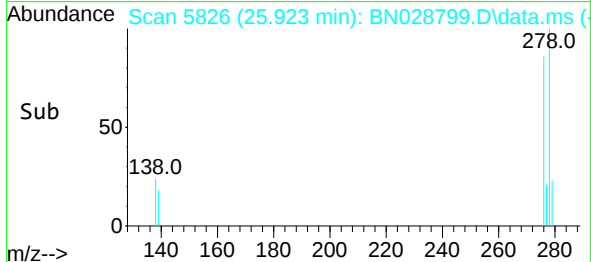
Instrument :
BNA_N
ClientSampleId :
SLCS818



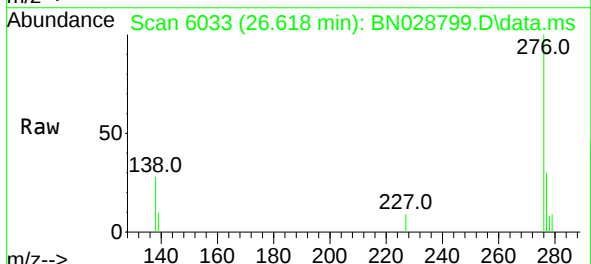
Tgt Ion:278 Resp: 35610
Ion Ratio Lower Upper
278 100
139 27.5 18.2 27.4
279 31.5 20.7 31.1

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



#29
Benzo(g,h,i)perylene
Concen: 0.599 ng/ul
RT: 26.618 min Scan# 6033
Delta R.T. -0.024 min
Lab File: BN028799.D
Acq: 20 Nov 2023 04:58



Tgt Ion:276 Resp: 37720
Ion Ratio Lower Upper
276 100
138 28.4 20.5 30.7
277 30.2 19.4 29.0

