

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028842.D
 Acq On : 22 Nov 2023 16:55
 Operator : MA/JU
 Sample : PB156893BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS893

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/23/2023
 Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 22 21:37:15 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 : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.719	152	6592m	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.451	136	21919	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.294	164	12094	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.065	188	17539	0.400	ng/ul	0.00
17) Chrysene-d12	21.276	240	16005	0.400	ng/ul	0.00
23) Perylene-d12	23.550	264	14578	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.112	96	6802	0.934	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.068	152	7827	0.237	ng/ul	0.00
18) Fluoranthene-d10	19.095	212	20768	0.403	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.146	88	19021	2.362	ng/ul#	87
5) Naphthalene	10.501	128	19299	0.314	ng/ul	98
7) 2-Methylnaphthalene	12.134	142	8639	0.213	ng/ul	99
8) 1-Methylnaphthalene	12.332	142	11029	0.268	ng/ul	99
10) Acenaphthylene	14.021	152	19739	0.327	ng/ul	99
11) Acenaphthene	14.358	153	15739	0.354	ng/ul	98
12) Fluorene	15.367	166	14355	0.278	ng/ul	98
14) Pentachlorophenol	16.719	266	3755	0.892	ng/ul	99
15) Phenanthrene	17.103	178	20727	0.385	ng/ul	97
16) Anthracene	17.208	178	14730	0.298	ng/ul	96
19) Fluoranthene	19.127	202	25614	0.376	ng/ul	99
20) Pyrene	19.490	202	28499	0.404	ng/ul	96
21) Benzo(a)anthracene	21.261	228	17987	0.284	ng/ul	99
22) Chrysene	21.314	228	22089	0.357	ng/ul	99
24) Benzo(b)fluoranthene	22.865	252	19062	0.348	ng/ul	87
25) Benzo(k)fluoranthene	22.909	252	23154	0.404	ng/ul#	91
26) Benzo(a)pyrene	23.453	252	19932	0.386	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.884	276	23509	0.410	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.915	278	18124	0.396	ng/ul#	94
29) Benzo(g,h,i)perylene	26.592	276	20373	0.434	ng/ul	97

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

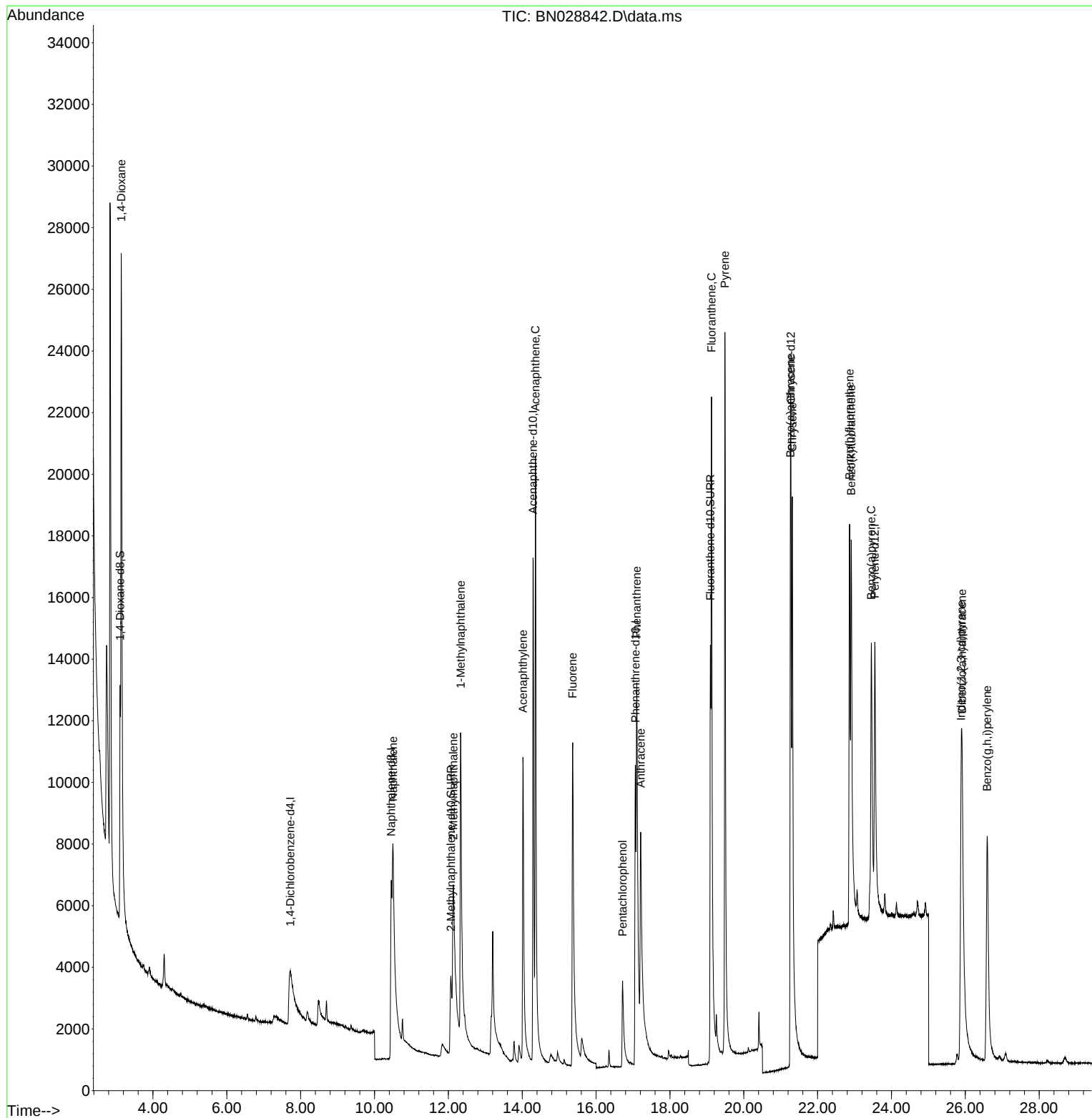
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028842.D
Acq On : 22 Nov 2023 16:55
Operator : MA/JU
Sample : PB156893BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

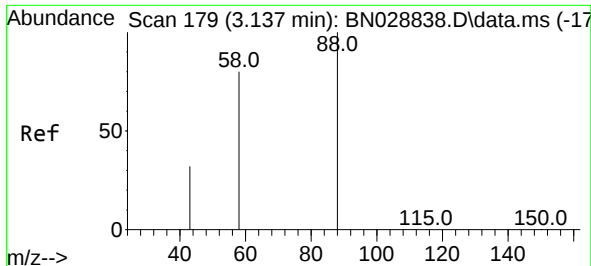
Instrument :
BNA_N
ClientSampleId :
SLCS893

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

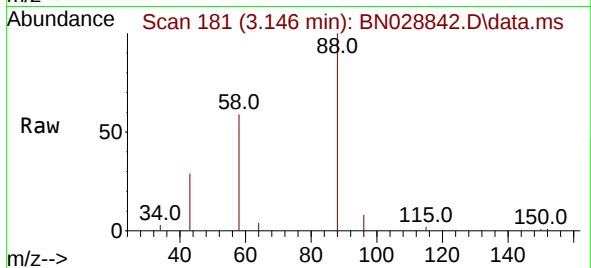
Quant Time: Nov 22 21:37:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.362 ng/ul
RT: 3.146 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

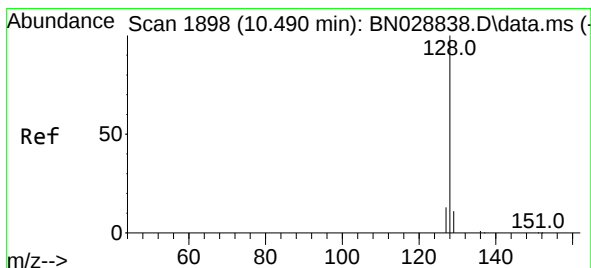
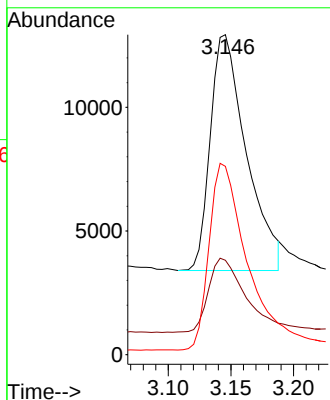
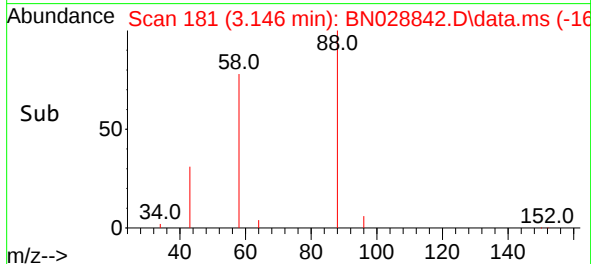
Instrument :
BNA_N
ClientSampleId :
SLCS893



Tgt Ion: 88 Resp: 1902
Ion Ratio Lower Upper
88 100
43 29.5 32.9 49.3
58 58.8 41.8 62.8

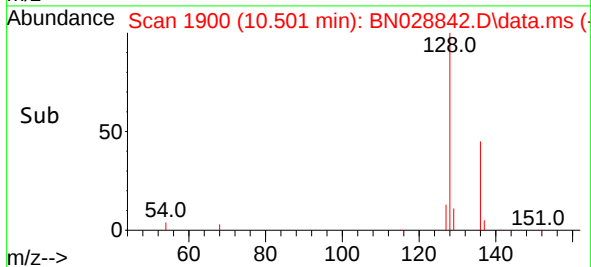
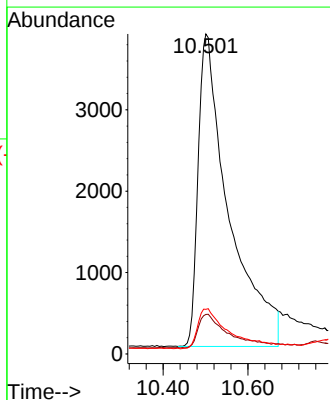
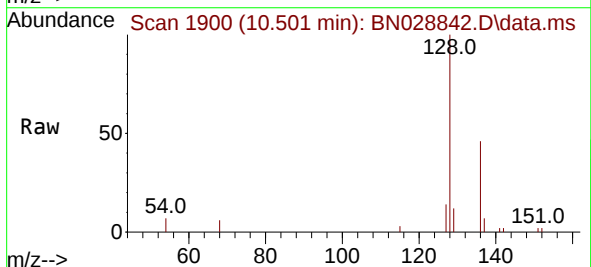
Manual Integrations
APPROVED

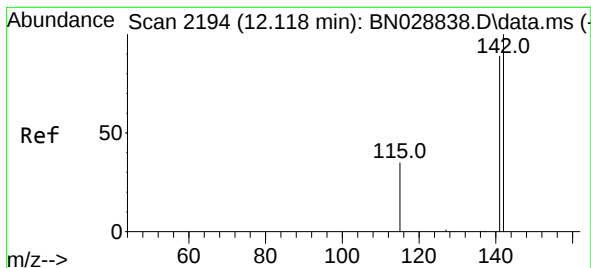
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.501 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

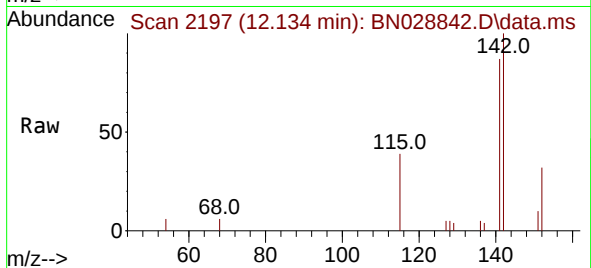
Tgt Ion:128 Resp: 19299
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 13.9 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.213 ng/ul
RT: 12.134 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

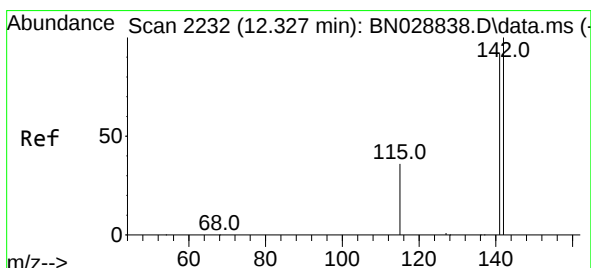
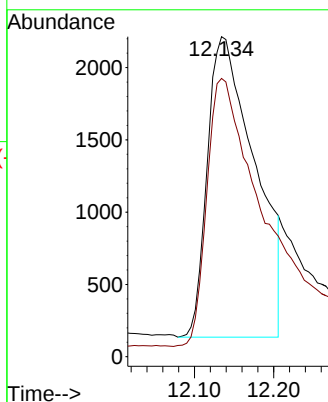
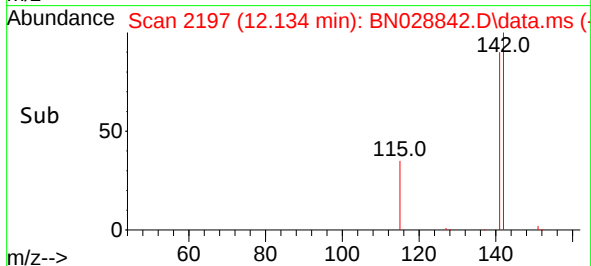
Instrument :
BNA_N
ClientSampleId :
SLCS893



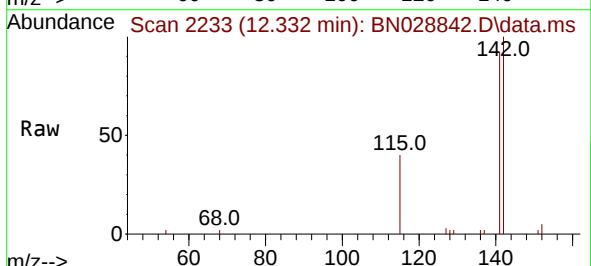
Tgt Ion:142 Resp: 8639
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2

Manual Integrations
APPROVED

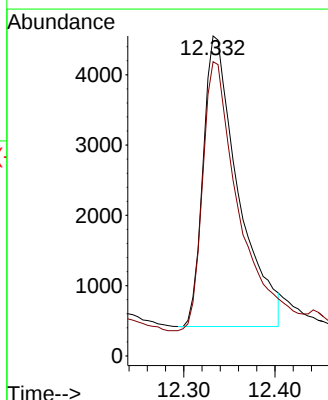
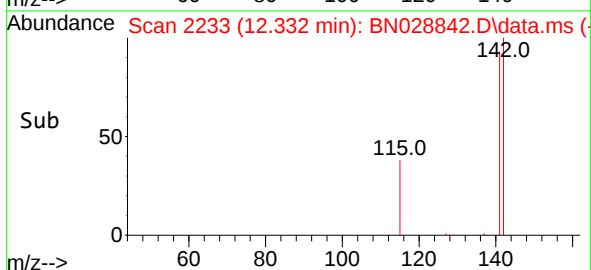
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

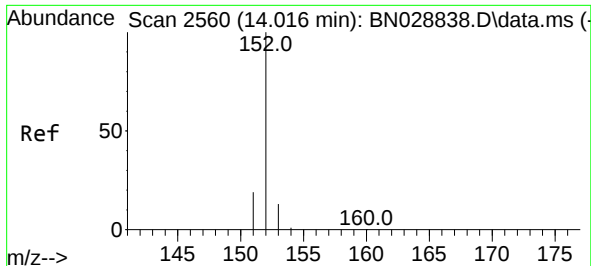


#8
1-Methylnaphthalene
Concen: 0.268 ng/ul
RT: 12.332 min Scan# 2233
Delta R.T. -0.006 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55



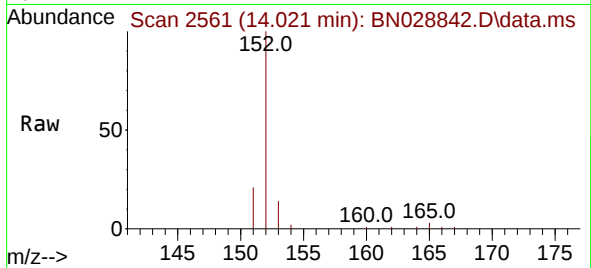
Tgt Ion:142 Resp: 11029
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1





#10
Acenaphthylene
Concen: 0.327 ng/ul
RT: 14.021 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

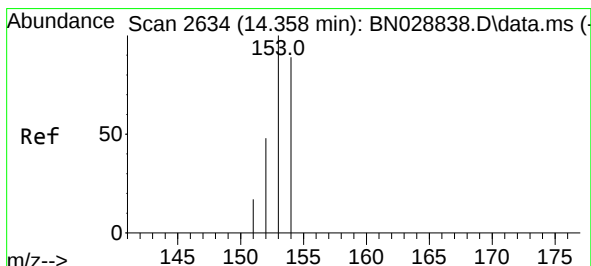
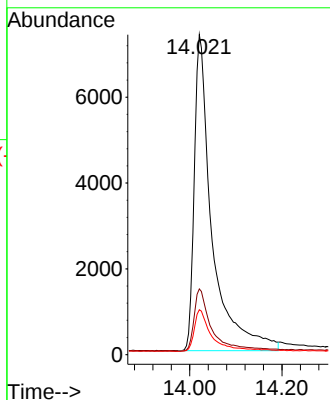
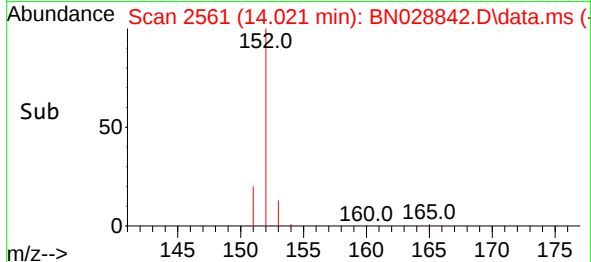
Instrument :
BNA_N
ClientSampleId :
SLCS893



Tgt Ion:152 Resp: 19739
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 14.0 10.6 15.8

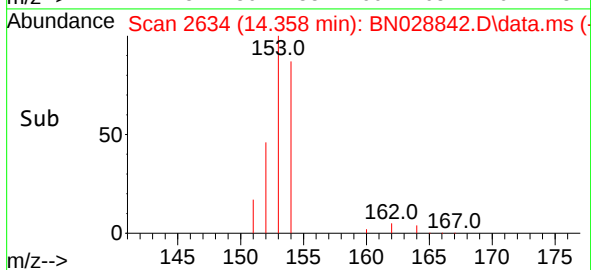
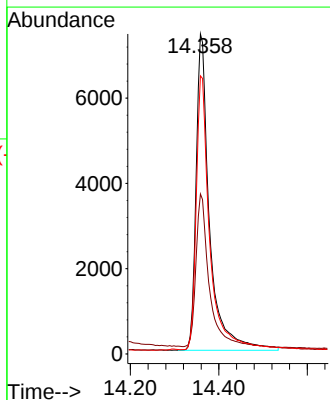
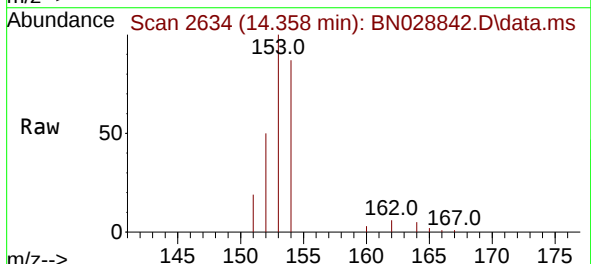
Manual Integrations
APPROVED

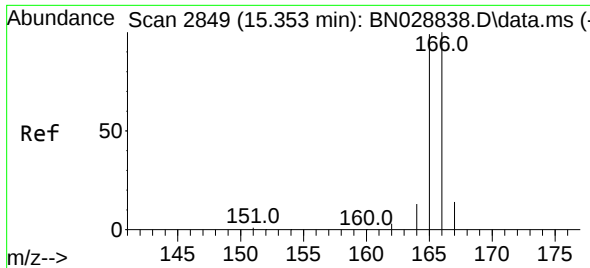
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#11
Acenaphthene
Concen: 0.354 ng/ul
RT: 14.358 min Scan# 2634
Delta R.T. -0.005 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

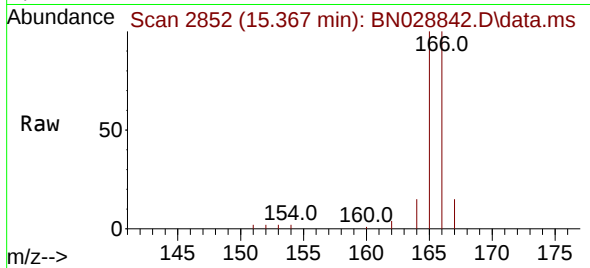
Tgt Ion:153 Resp: 15739
Ion Ratio Lower Upper
153 100
152 50.0 39.6 59.4
154 86.9 71.0 106.6





#12
Fluorene
Concen: 0.278 ng/ul
RT: 15.367 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

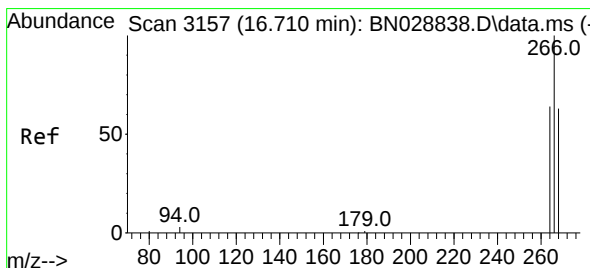
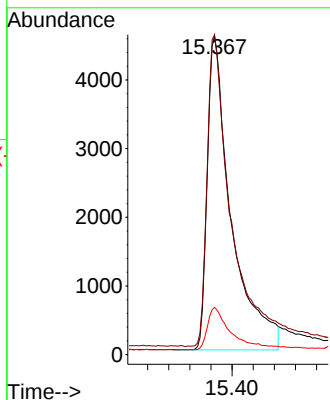
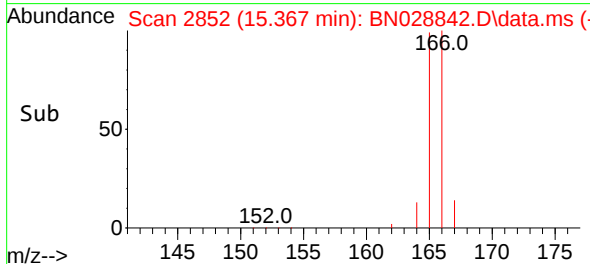
Instrument :
BNA_N
ClientSampleId :
SLCS893



Tgt Ion:166 Resp: 1435
Ion Ratio Lower Upper
166 100
165 100.3 78.6 118.0
167 14.9 11.0 16.6

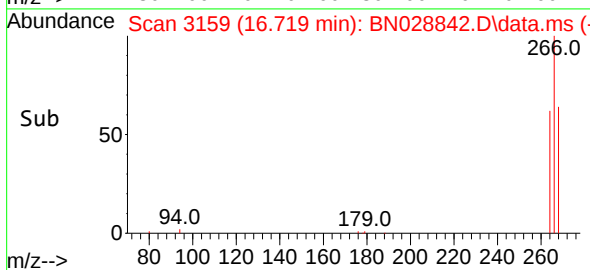
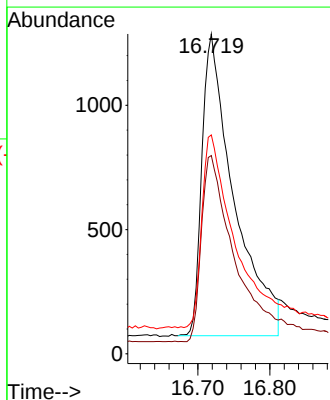
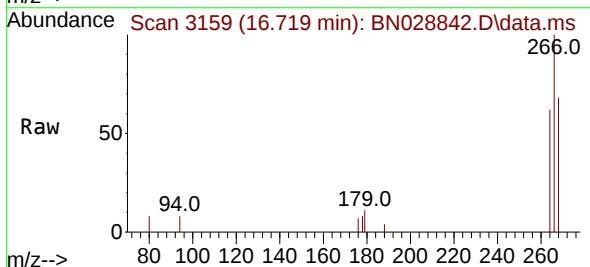
Manual Integrations
APPROVED

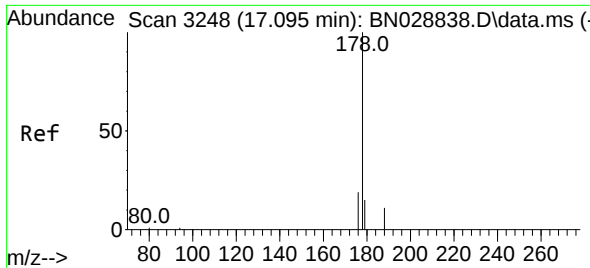
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#14
Pentachlorophenol
Concen: 0.892 ng/ul
RT: 16.719 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

Tgt Ion:266 Resp: 3755
Ion Ratio Lower Upper
266 100
264 63.1 50.1 75.1
268 64.6 50.6 75.8





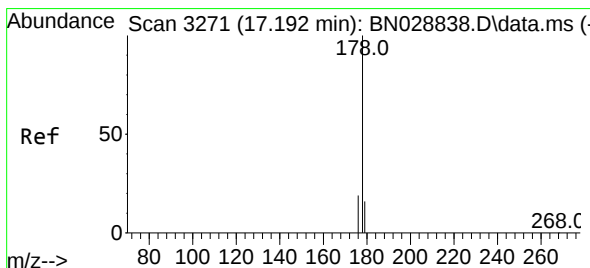
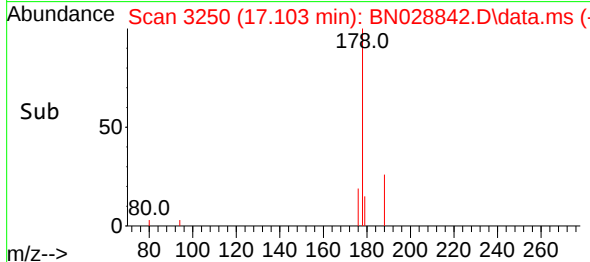
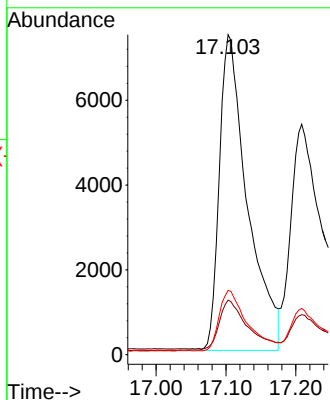
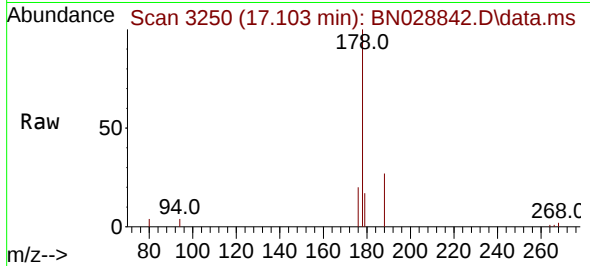
#15
Phenanthrene
Concen: 0.385 ng/u1
RT: 17.103 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

Instrument :
BNA_N
ClientSampleId :
SLCS893

Tgt Ion:178 Resp: 2072
Ion Ratio Lower Upper
178 100
179 17.1 12.4 18.6
176 20.1 15.4 23.2

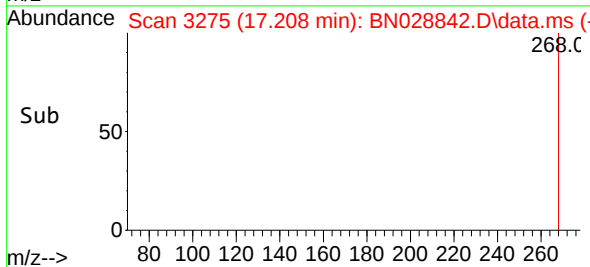
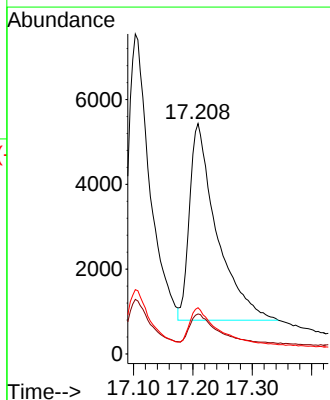
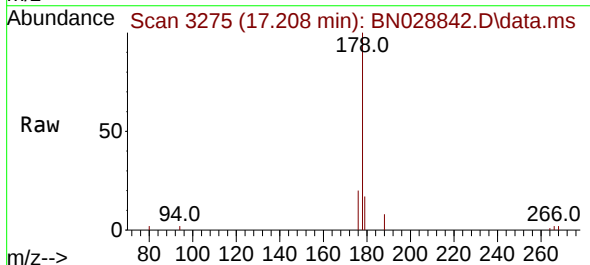
Manual Integrations
APPROVED

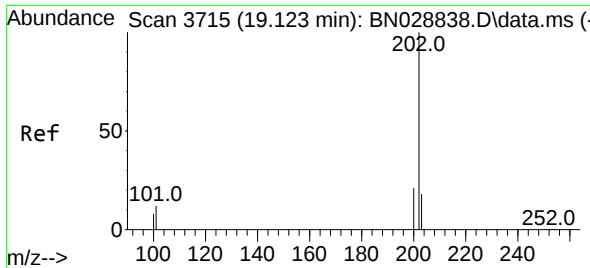
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#16
Anthracene
Concen: 0.298 ng/u1
RT: 17.208 min Scan# 3275
Delta R.T. 0.004 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

Tgt Ion:178 Resp: 14730
Ion Ratio Lower Upper
178 100
179 17.4 12.6 18.8
176 20.0 14.9 22.3





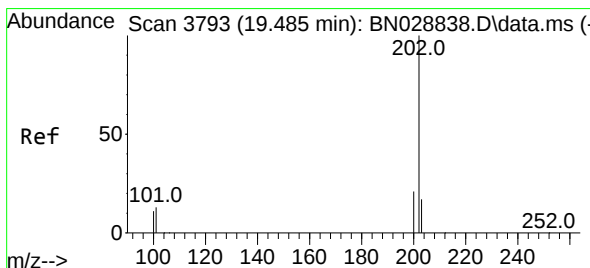
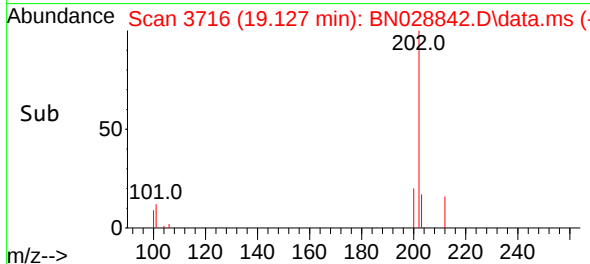
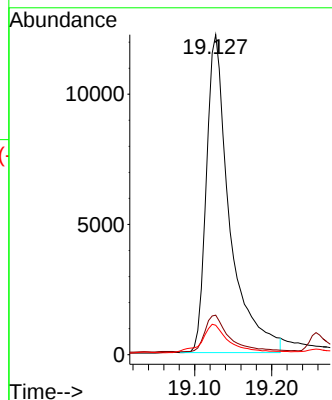
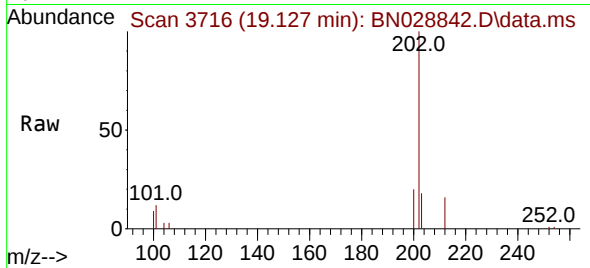
#19
Fluoranthene
Concen: 0.376 ng/u1
RT: 19.127 min Scan# 3715
Delta R.T. 0.005 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

Instrument :
BNA_N
ClientSampleId :
SLCS893

Tgt Ion:202 Resp: 25614
Ion Ratio Lower Upper
202 100
101 12.4 9.5 14.3
100 9.2 7.2 10.8

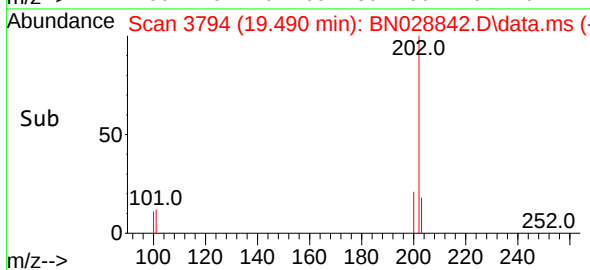
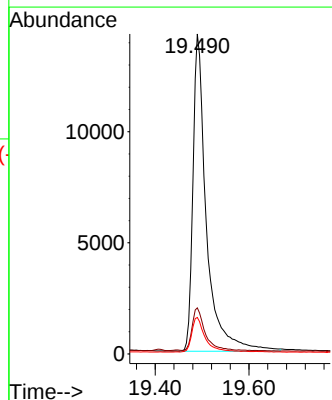
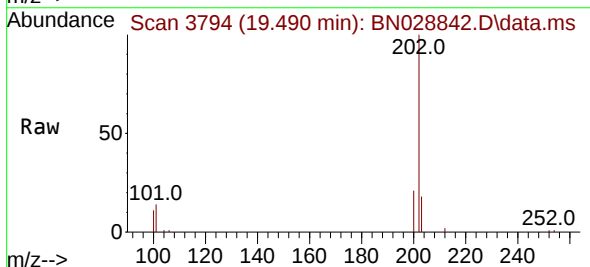
Manual Integrations
APPROVED

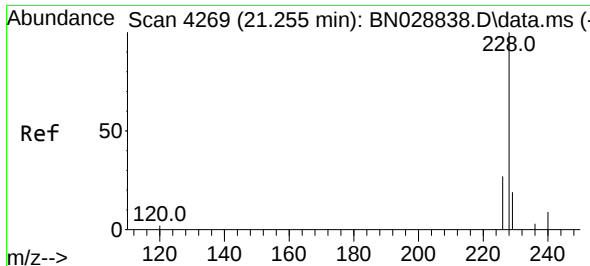
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#20
Pyrene
Concen: 0.404 ng/u1
RT: 19.490 min Scan# 3794
Delta R.T. 0.005 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

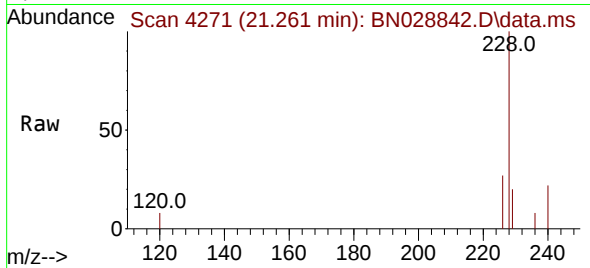
Tgt Ion:202 Resp: 28499
Ion Ratio Lower Upper
202 100
101 14.4 10.3 15.5
100 11.4 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.284 ng/u1
RT: 21.261 min Scan# 4271
Delta R.T. 0.006 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

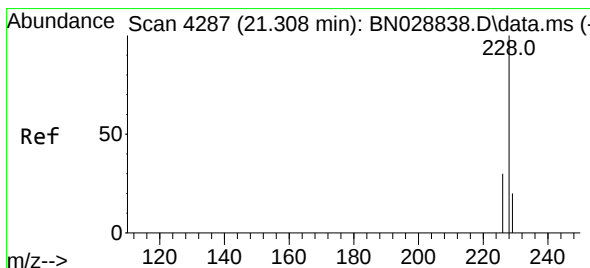
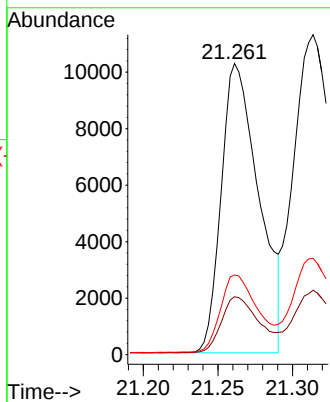
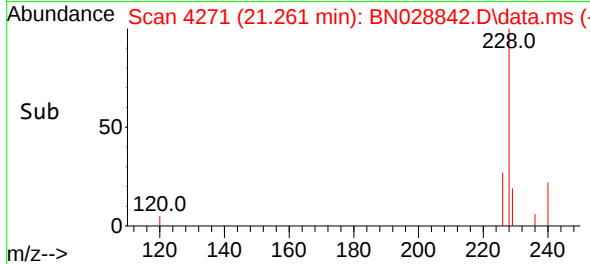
Instrument :
BNA_N
ClientSampleId :
SLCS893



Tgt Ion:228 Resp: 1798
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.4 21.4 32.0

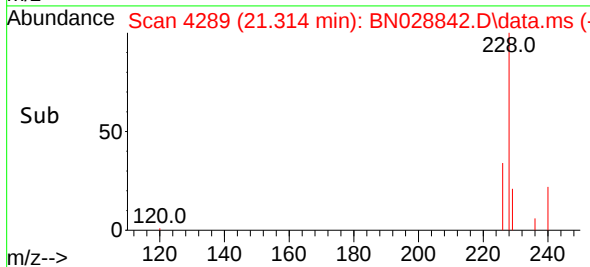
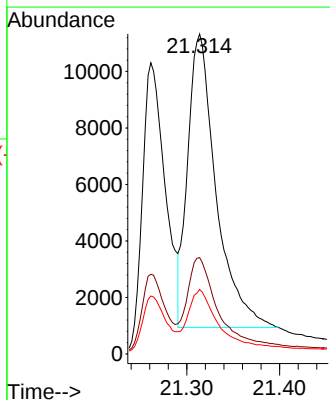
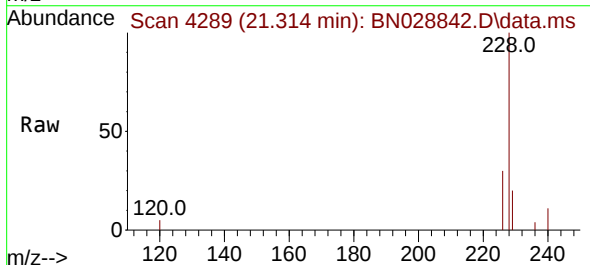
Manual Integrations
APPROVED

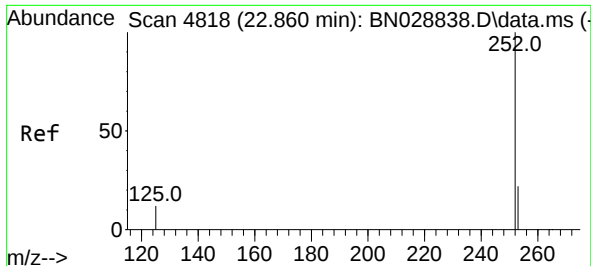
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#22
Chrysene
Concen: 0.357 ng/u1
RT: 21.314 min Scan# 4289
Delta R.T. 0.009 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

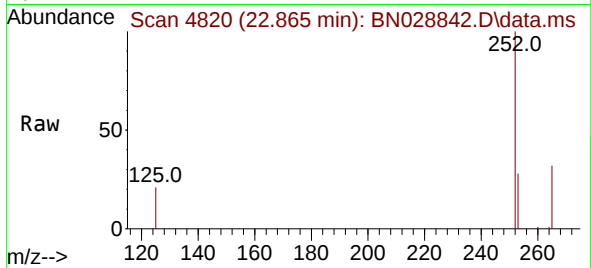
Tgt Ion:228 Resp: 22089
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 20.2 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 22.865 min Scan# 4818
Delta R.T. 0.012 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

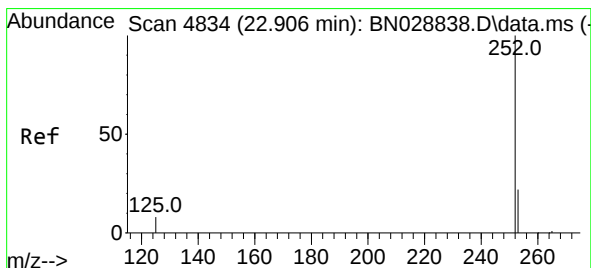
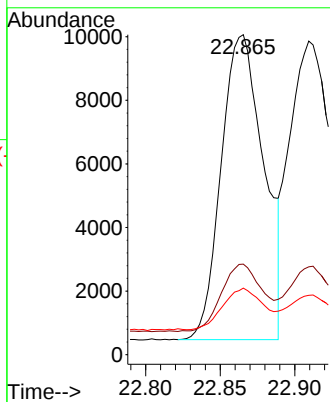
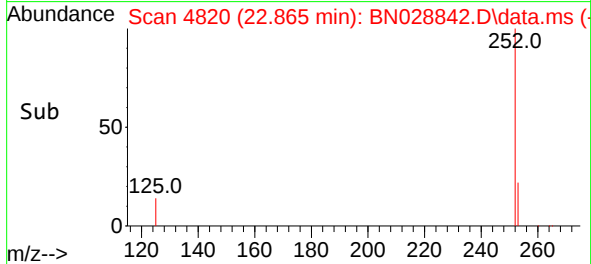
Instrument :
BNA_N
ClientSampleId :
SLCS893



Tgt Ion:252 Resp: 19062
Ion Ratio Lower Upper
252 100
253 28.3 0.0 46.6
125 20.8 0.0 27.6

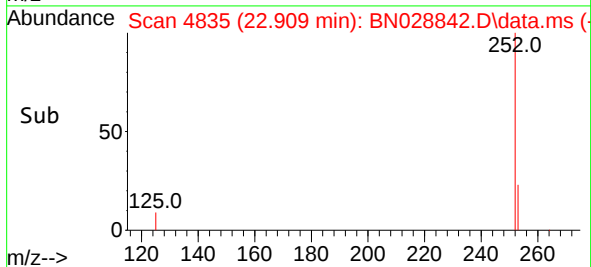
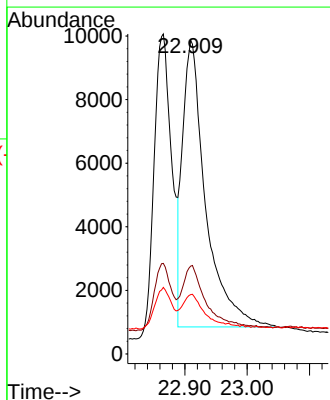
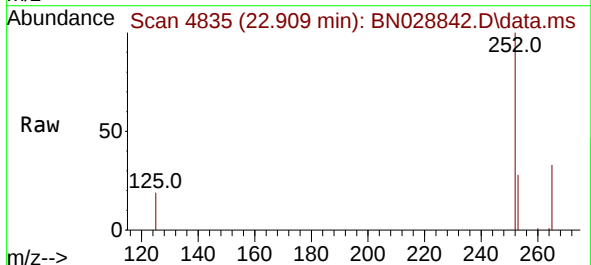
Manual Integrations
APPROVED

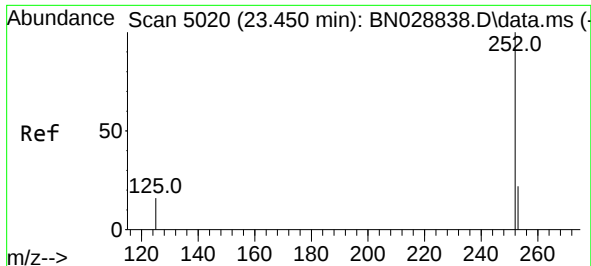
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.404 ng/ul
RT: 22.909 min Scan# 4835
Delta R.T. 0.006 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

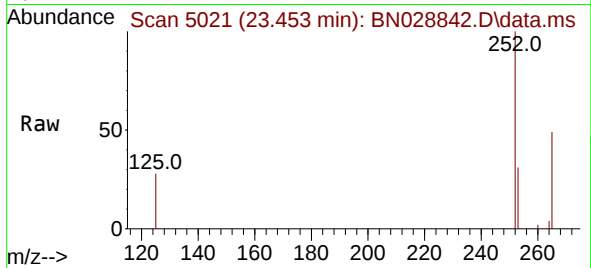
Tgt Ion:252 Resp: 23154
Ion Ratio Lower Upper
252 100
253 28.0 18.6 28.0#
125 18.9 12.7 19.1





#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.453 min Scan# 5020
Delta R.T. 0.009 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55

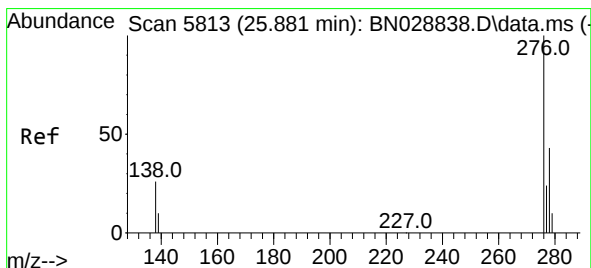
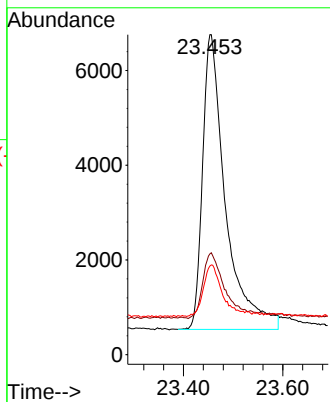
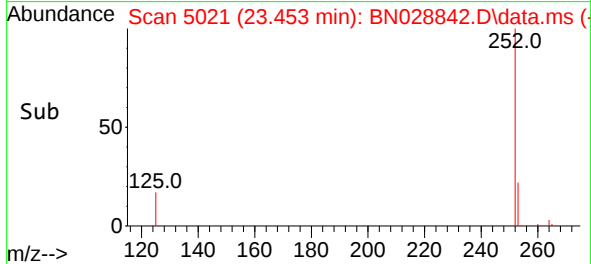
Instrument :
BNA_N
ClientSampleId :
SLCS893



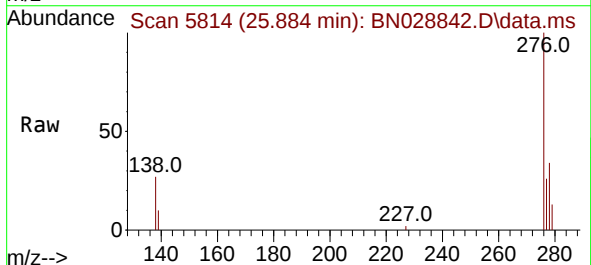
Tgt Ion:252 Resp: 1993
Ion Ratio Lower Upper
252 100
253 31.5 19.0 28.6
125 27.7 13.2 19.8

Manual Integrations
APPROVED

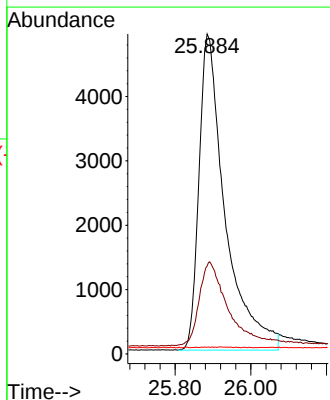
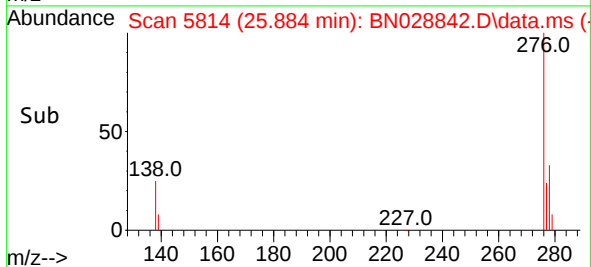
Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

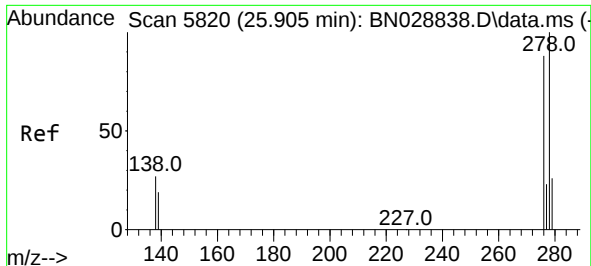


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 25.884 min Scan# 5814
Delta R.T. 0.010 min
Lab File: BN028842.D
Acq: 22 Nov 2023 16:55



Tgt Ion:276 Resp: 23509
Ion Ratio Lower Upper
276 100
138 29.2 23.8 35.6
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.396 ng/ul

RT: 25.915 min Scan# 5820

Delta R.T. 0.017 min

Lab File: BN028842.D

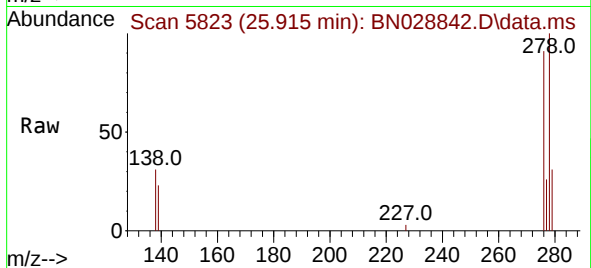
Acq: 22 Nov 2023 16:55

Instrument :

BNA_N

ClientSampleId :

SLCS893



Tgt Ion:278 Resp: 18124

Ion Ratio Lower Upper

278 100

139 22.9 18.2 27.4

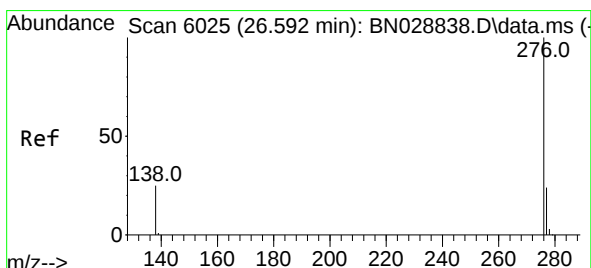
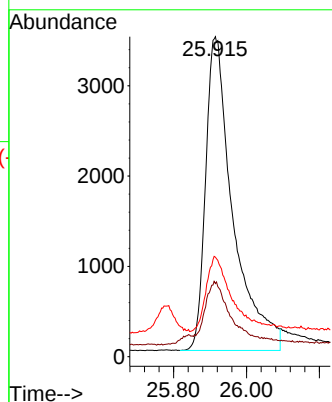
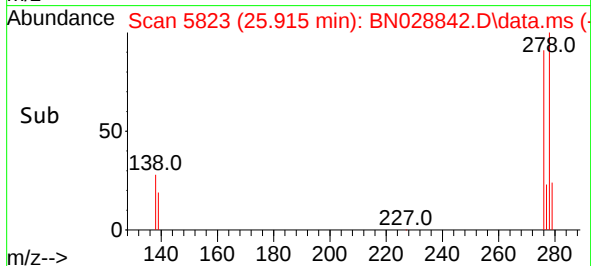
279 31.1 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#29

Benzo(g,h,i)perylene

Concen: 0.434 ng/ul

RT: 26.592 min Scan# 6025

Delta R.T. 0.013 min

Lab File: BN028842.D

Acq: 22 Nov 2023 16:55

Tgt Ion:276 Resp: 20373

Ion Ratio Lower Upper

276 100

138 27.6 20.5 30.7

277 25.3 19.4 29.0

