

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028766.D
 Acq On : 19 Nov 2023 08:04
 Operator : MA/JU
 Sample : PB157228BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS228

Manual Integrations
 APPROVED

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

Quant Time: Nov 19 11:18:19 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	7.824	152	6188m	0.400	ng/ul	0.03
4) Naphthalene-d8	10.495	136	18808	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.320	164	11992	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.089	188	18277	0.400	ng/ul	0.00
17) Chrysene-d12	21.289	240	15735	0.400	ng/ul	# 0.00
23) Perylene-d12	23.575	264	13768	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	6301	0.921	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	8332	0.294	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	28307	0.559	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	21423	2.834	ng/ul#	81
5) Naphthalene	10.545	128	22484	0.427	ng/ul	98
7) 2-Methylnaphthalene	12.178	142	9900	0.285	ng/ul	97
8) 1-Methylnaphthalene	12.365	142	14220	0.403	ng/ul	99
10) Acenaphthylene	14.047	152	28197	0.471	ng/ul	99
11) Acenaphthene	14.381	153	22731	0.516	ng/ul	99
12) Fluorene	15.389	166	20700	0.404	ng/ul	98
14) Pentachlorophenol	16.739	266	3838	0.875	ng/ul	98
15) Phenanthrene	17.127	178	31615	0.563	ng/ul	98
16) Anthracene	17.233	178	19430	0.377	ng/ul	97
19) Fluoranthene	19.145	202	37816	0.565	ng/ul	99
20) Pyrene	19.507	202	43355	0.625	ng/ul	96
21) Benzo(a)anthracene	21.278	228	24555	0.395	ng/ul	99
22) Chrysene	21.327	228	32118	0.528	ng/ul	100
24) Benzo(b)fluoranthene	22.882	252	27198	0.526	ng/ul	94
25) Benzo(k)fluoranthene	22.932	252	33547	0.620	ng/ul	96
26) Benzo(a)pyrene	23.476	252	28071	0.575	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.917	276	33045	0.610	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.950	278	25243	0.583	ng/ul	97
29) Benzo(g,h,i)perylene	26.631	276	29363	0.662	ng/ul	98

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

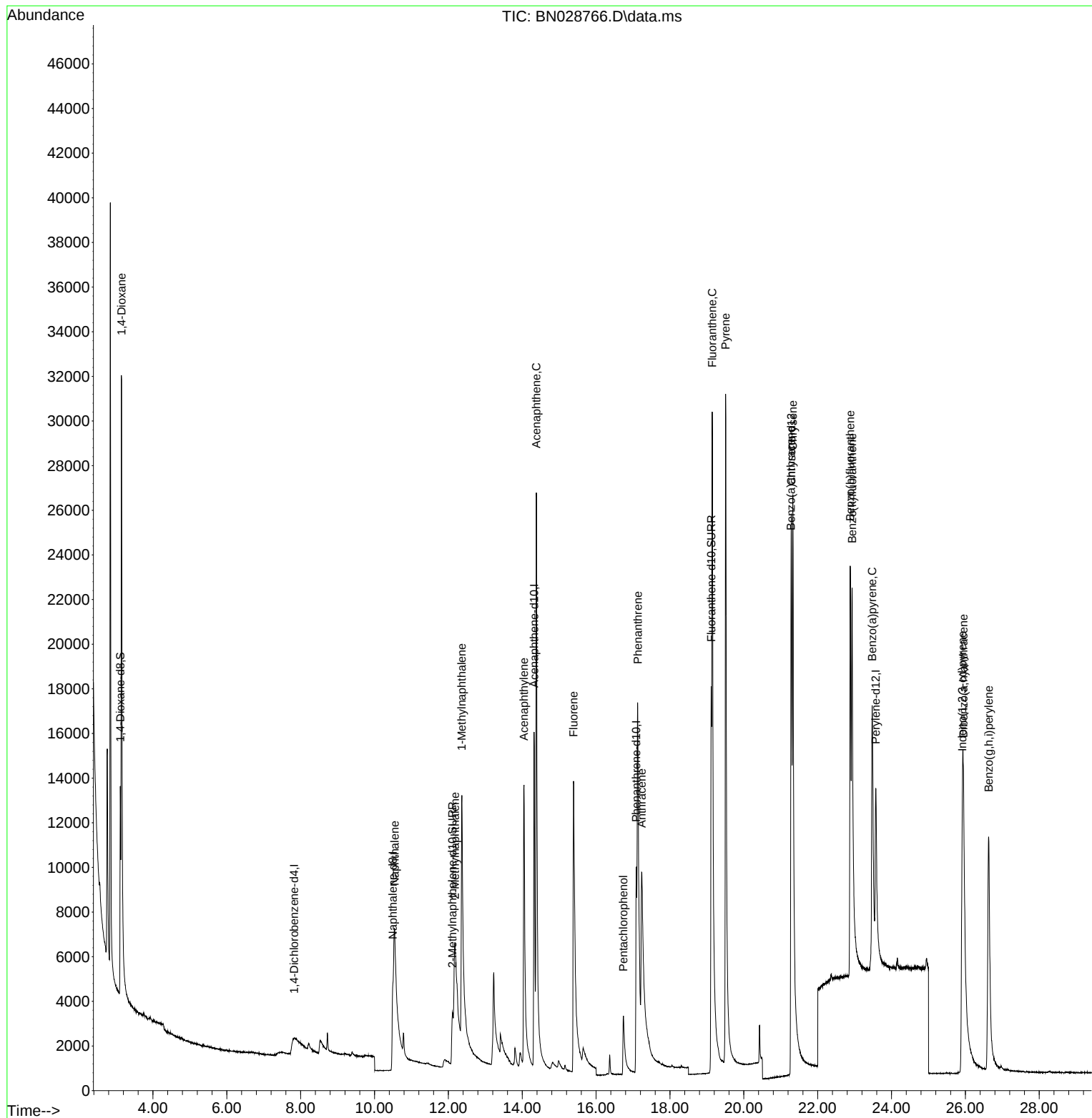
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028766.D
Acq On : 19 Nov 2023 08:04
Operator : MA/JU
Sample : PB157228BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

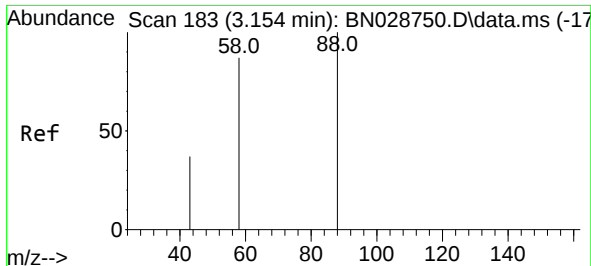
Instrument :
BNA_N
ClientSampleId :
SLCS228

Manual Integrations
APPROVED

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

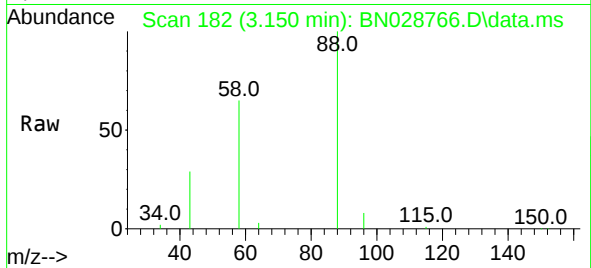
Quant Time: Nov 19 11:18:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.834 ng/ul
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

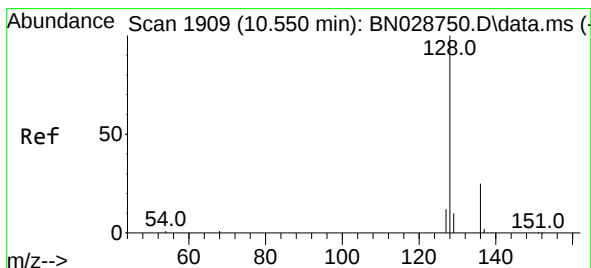
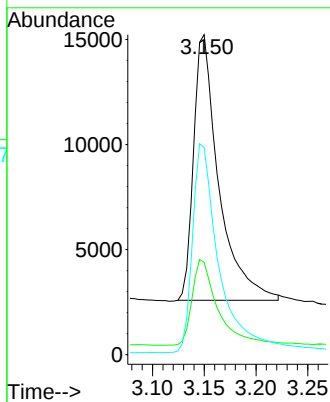
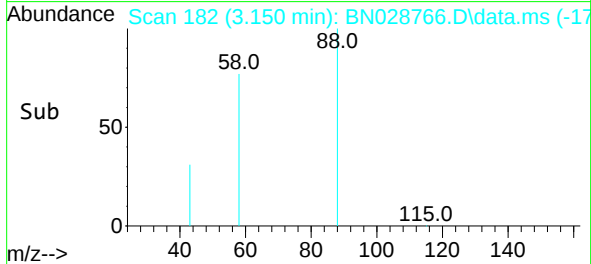
Instrument :
BNA_N
ClientSampleId :
SLCS228



Tgt Ion: 88 Resp: 2142
Ion Ratio Lower Upper
88 100
43 28.8 32.9 49.3
58 64.8 41.8 62.8

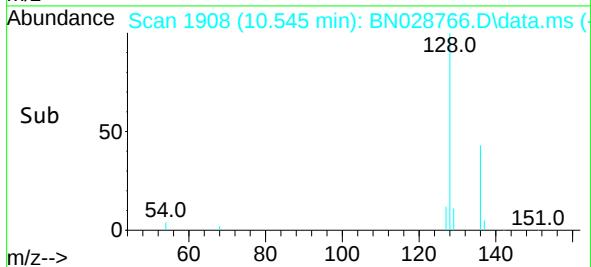
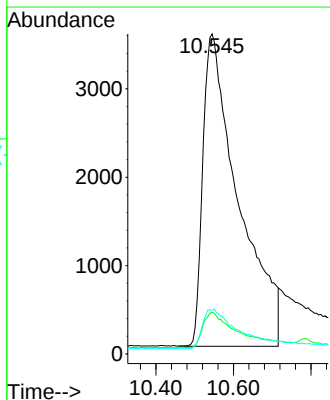
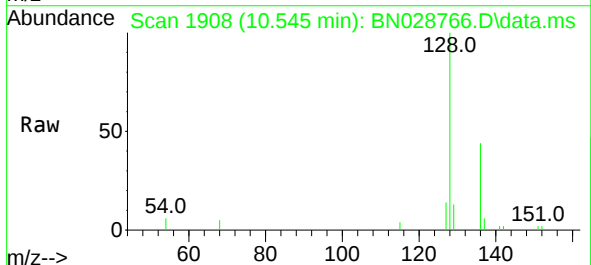
Manual Integrations
APPROVED

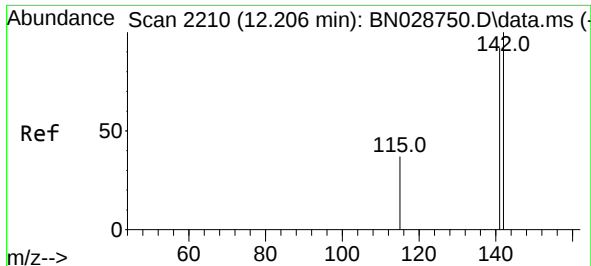
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.427 ng/ul
RT: 10.545 min Scan# 1908
Delta R.T. 0.011 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

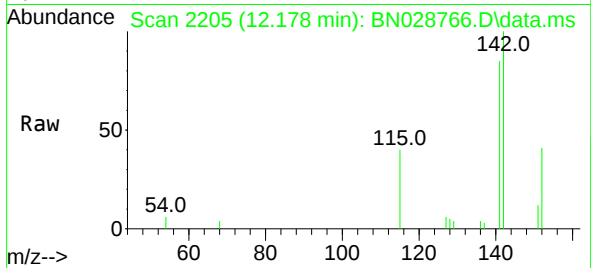
Tgt Ion:128 Resp: 22484
Ion Ratio Lower Upper
128 100
129 13.0 9.2 13.8
127 13.7 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.178 min Scan# 2111
Delta R.T. 0.005 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

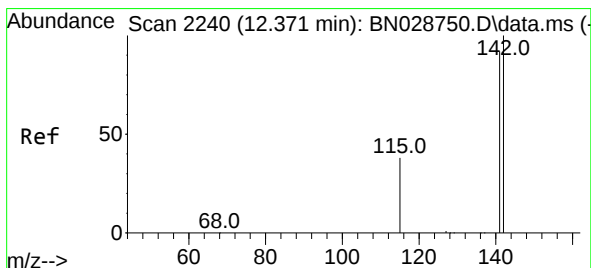
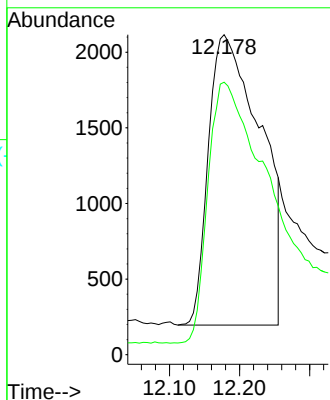
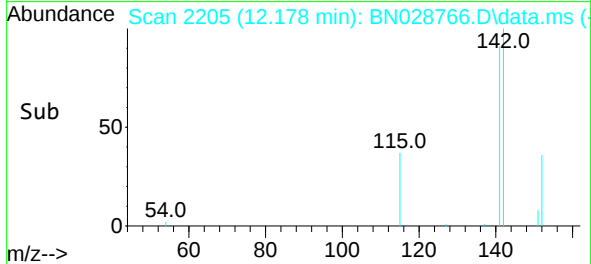
Instrument :
BNA_N
ClientSampleId :
SLCS228



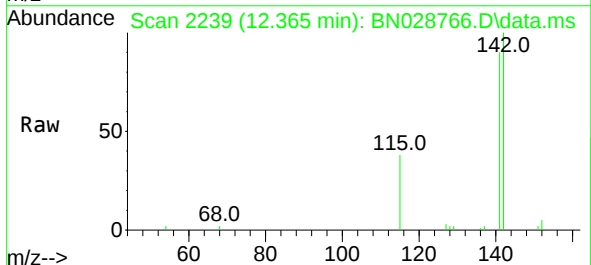
Tgt Ion:142 Resp: 9900
Ion Ratio Lower Upper
142 100
141 91.3 70.8 106.2

Manual Integrations
APPROVED

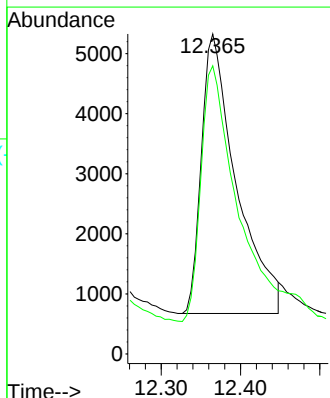
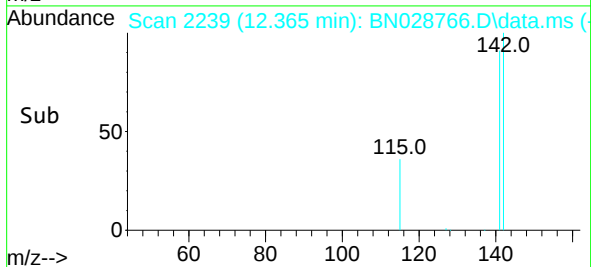
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

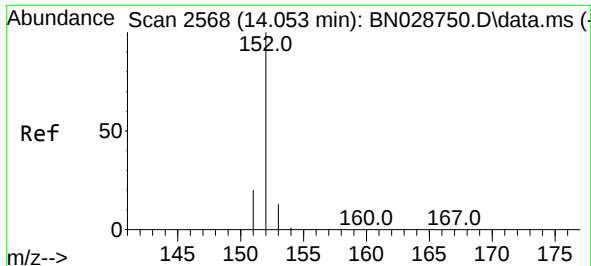


#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.365 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04



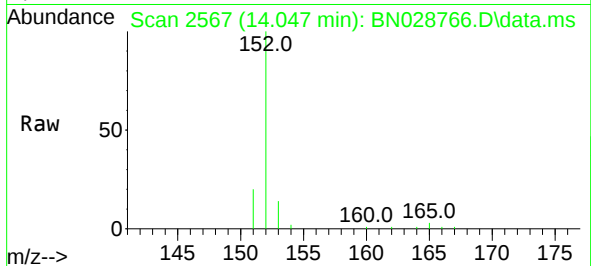
Tgt Ion:142 Resp: 14220
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1





#10
Acenaphthylene
Concen: 0.471 ng/ul
RT: 14.047 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

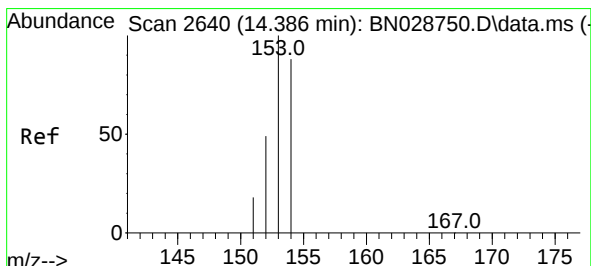
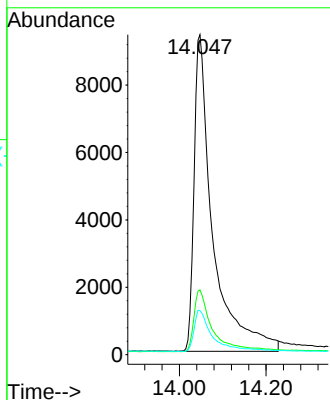
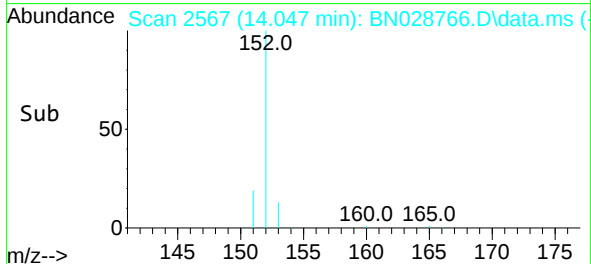
Instrument :
BNA_N
ClientSampleId :
SLCS228



Tgt Ion:152 Resp: 2819
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.8 10.6 15.8

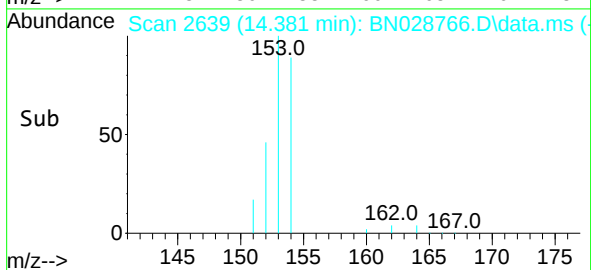
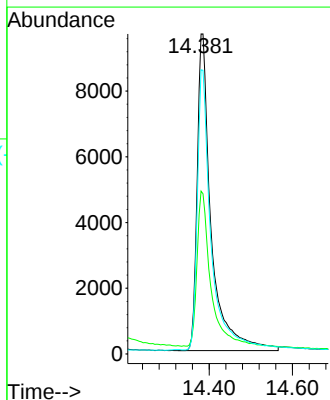
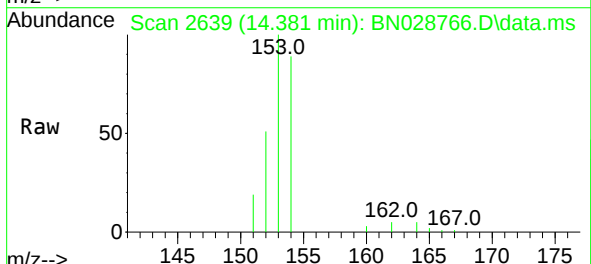
Manual Integrations
APPROVED

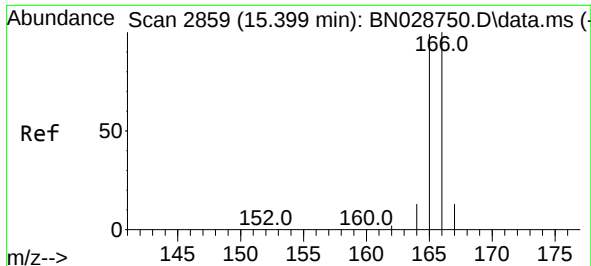
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.516 ng/ul
RT: 14.381 min Scan# 2639
Delta R.T. -0.009 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

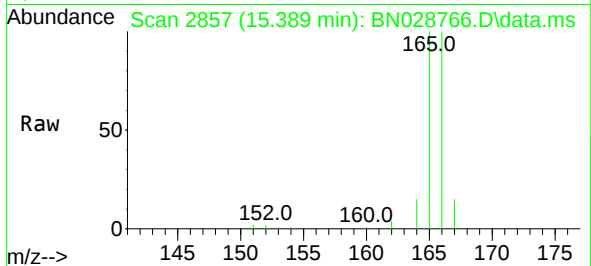
Tgt Ion:153 Resp: 22731
Ion Ratio Lower Upper
153 100
152 50.9 39.6 59.4
154 88.8 71.0 106.6





#12
Fluorene
Concen: 0.404 ng/ul
RT: 15.389 min Scan# 2857
Delta R.T. -0.005 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

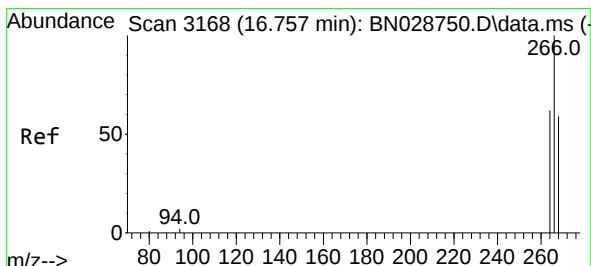
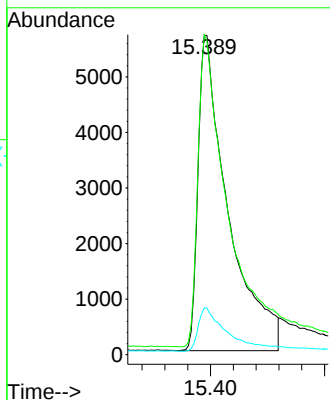
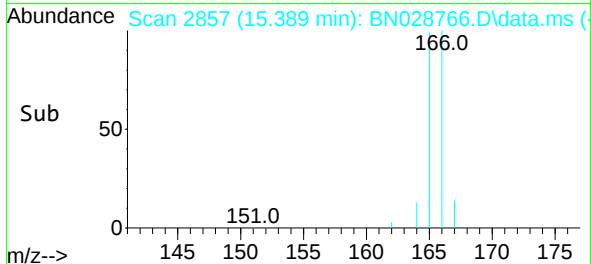
Instrument :
BNA_N
ClientSampleId :
SLCS228



Tgt Ion:166 Resp: 20700
Ion Ratio Lower Upper
166 100
165 100.1 78.6 118.0
167 14.6 11.0 16.6

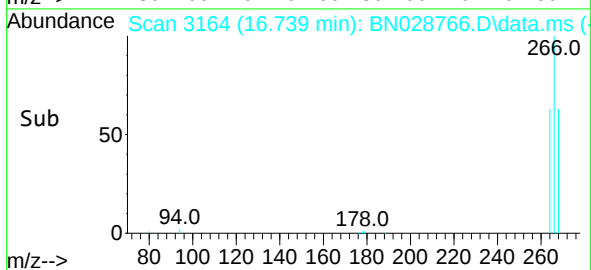
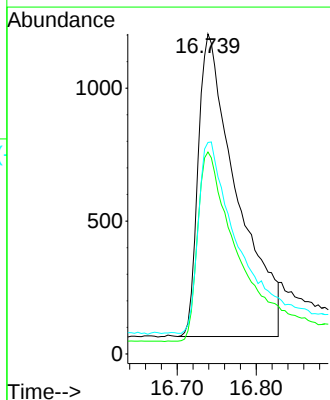
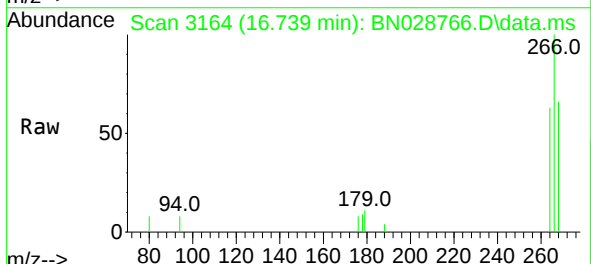
Manual Integrations
APPROVED

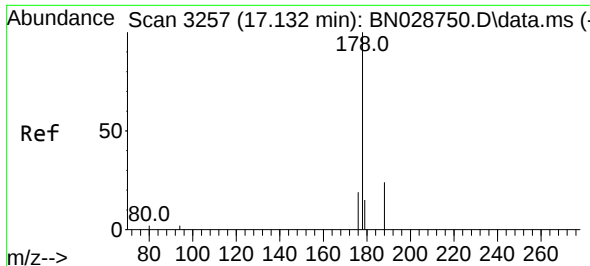
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#14
Pentachlorophenol
Concen: 0.875 ng/ul
RT: 16.739 min Scan# 3164
Delta R.T. -0.009 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

Tgt Ion:266 Resp: 3838
Ion Ratio Lower Upper
266 100
264 64.0 50.1 75.1
268 64.7 50.6 75.8





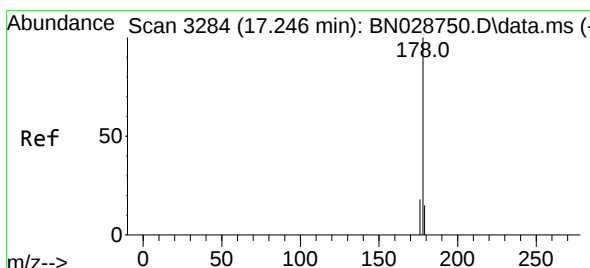
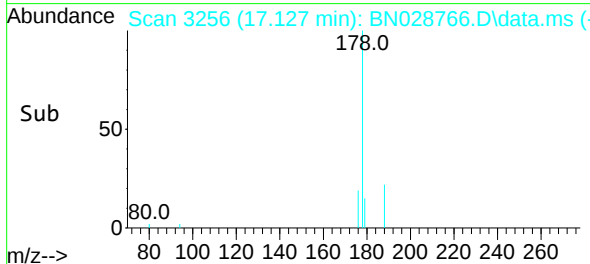
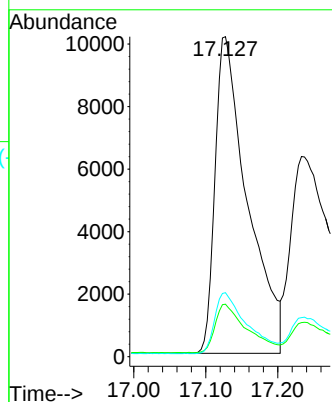
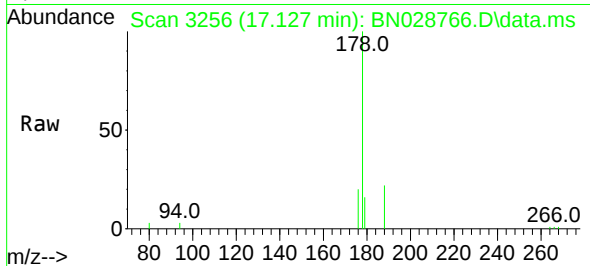
#15
Phenanthrene
Concen: 0.563 ng/ul
RT: 17.127 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

Instrument :
BNA_N
ClientSampleId :
SLCS228

Tgt Ion:178 Resp: 3161
Ion Ratio Lower Upper
178 100
179 16.4 12.4 18.6
176 20.0 15.4 23.2

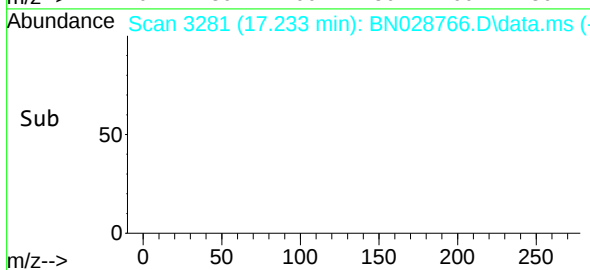
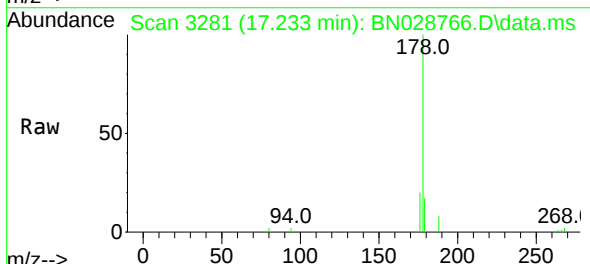
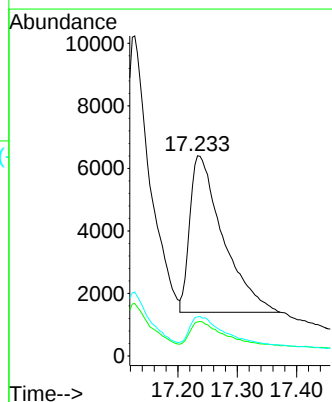
Manual Integrations
APPROVED

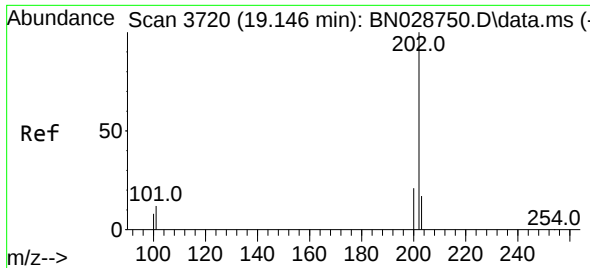
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#16
Anthracene
Concen: 0.377 ng/ul
RT: 17.233 min Scan# 3281
Delta R.T. -0.004 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

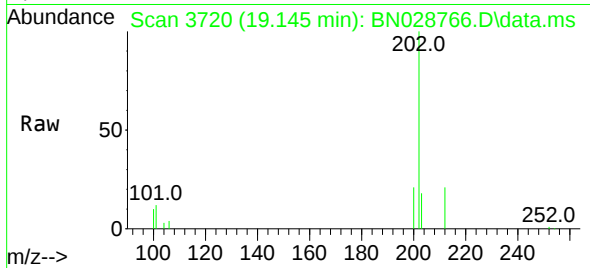
Tgt Ion:178 Resp: 19430
Ion Ratio Lower Upper
178 100
179 17.0 12.6 18.8
176 19.5 14.9 22.3





#19
Fluoranthene
Concen: 0.565 ng/u1
RT: 19.145 min Scan# 3720
Delta R.T. -0.005 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

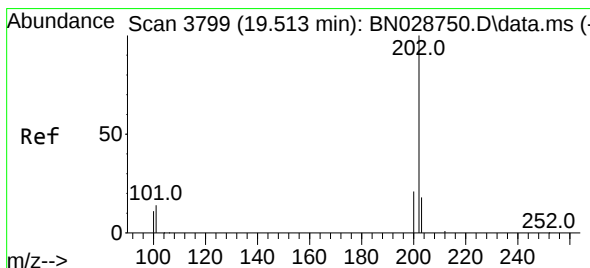
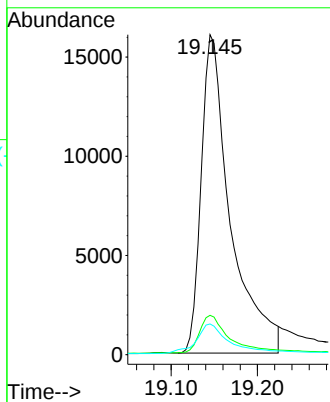
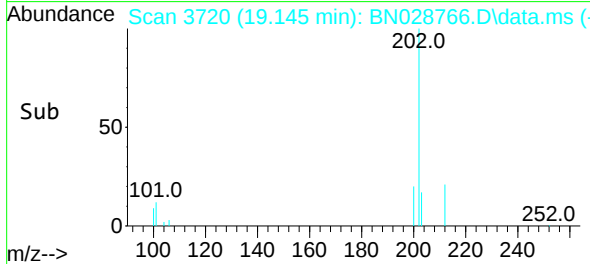
Instrument :
BNA_N
ClientSampleId :
SLCS228



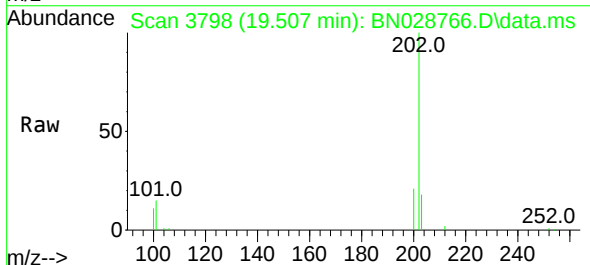
Tgt Ion:202 Resp: 37810
Ion Ratio Lower Upper
202 100
101 12.3 9.5 14.3
100 9.6 7.2 10.8

Manual Integrations
APPROVED

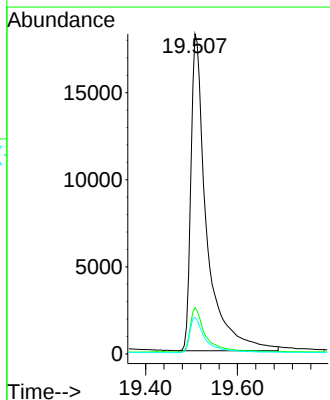
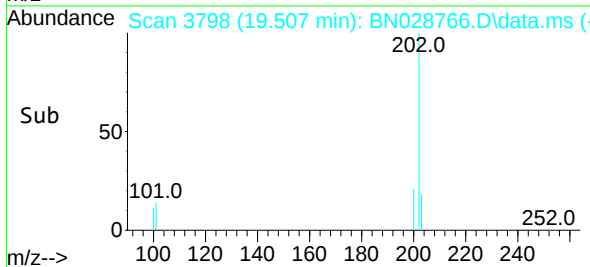
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

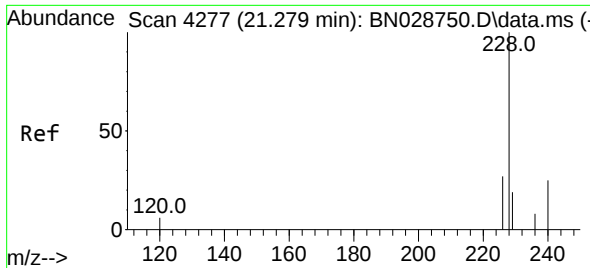


#20
Pyrene
Concen: 0.625 ng/u1
RT: 19.507 min Scan# 3798
Delta R.T. -0.005 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04



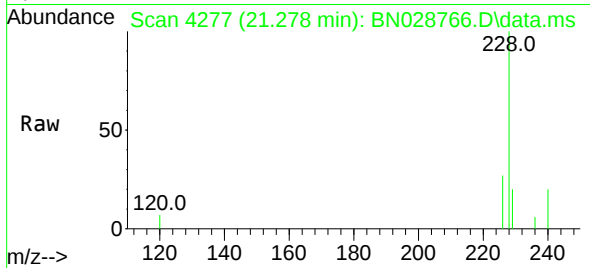
Tgt Ion:202 Resp: 43355
Ion Ratio Lower Upper
202 100
101 14.5 10.3 15.5
100 11.4 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.278 min Scan# 4277
Delta R.T. -0.003 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

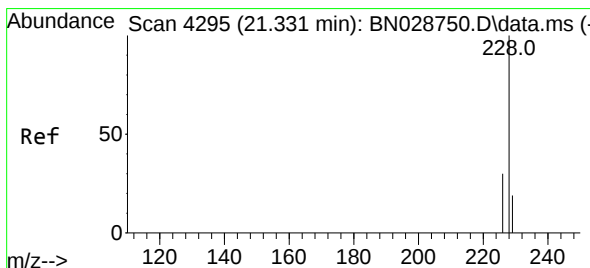
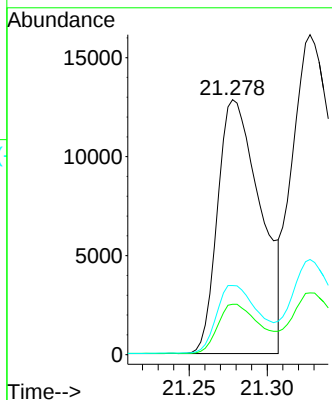
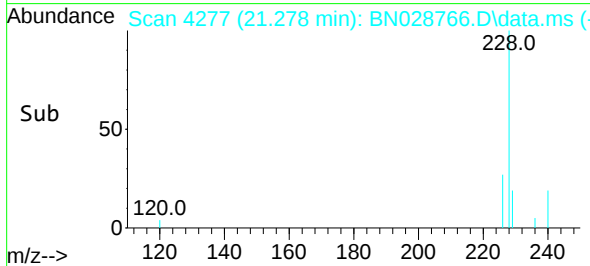
Instrument :
BNA_N
ClientSampleId :
SLCS228



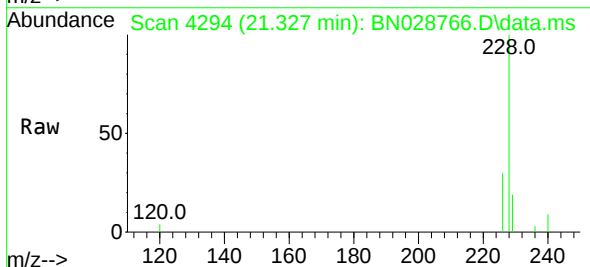
Tgt Ion:228 Resp: 2455
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.1 21.4 32.0

Manual Integrations
APPROVED

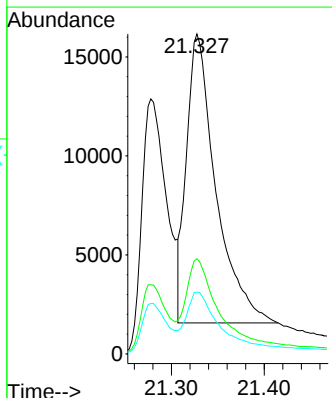
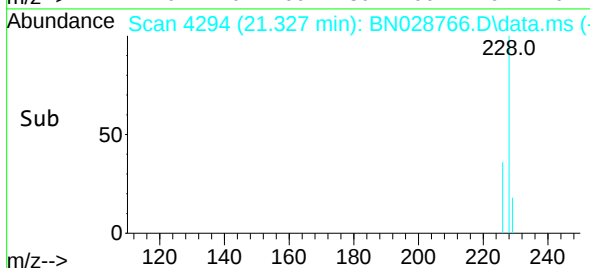
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

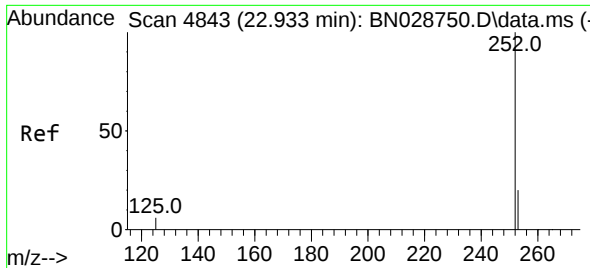


#22
Chrysene
Concen: 0.528 ng/ul
RT: 21.327 min Scan# 4294
Delta R.T. -0.006 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04



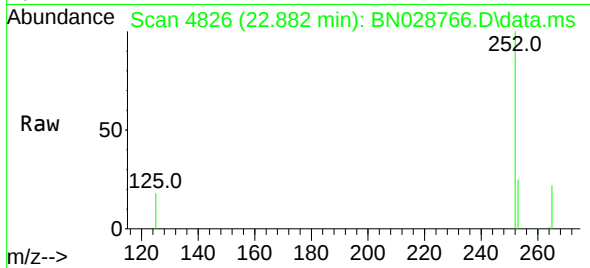
Tgt Ion:228 Resp: 32118
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.8
229 19.3 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.526 ng/ul
RT: 22.882 min Scan# 4826
Delta R.T. -0.006 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

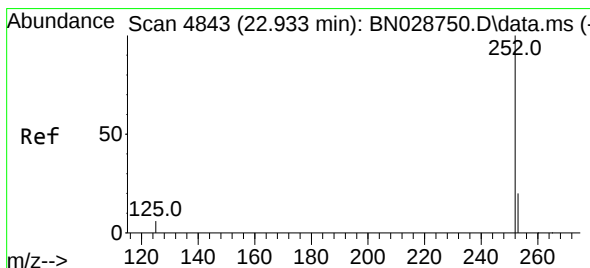
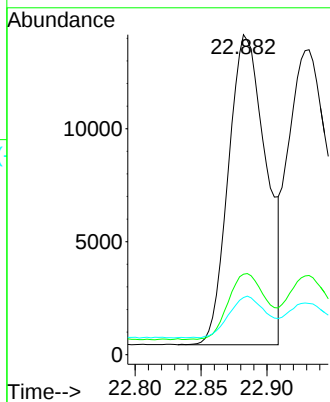
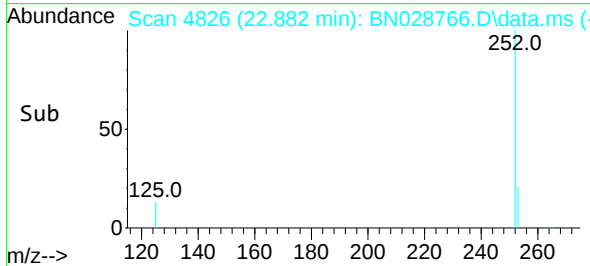
Instrument :
BNA_N
ClientSampleId :
SLCS228



Tgt Ion:252 Resp: 27198
Ion Ratio Lower Upper
252 100
253 25.2 0.0 46.6
125 17.9 0.0 27.6

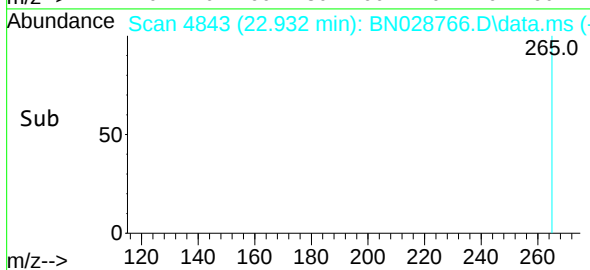
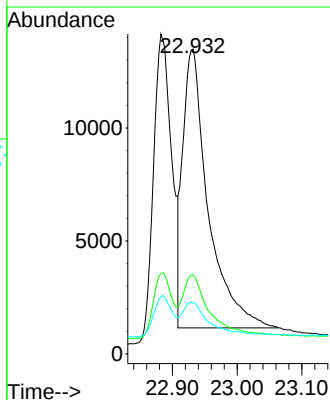
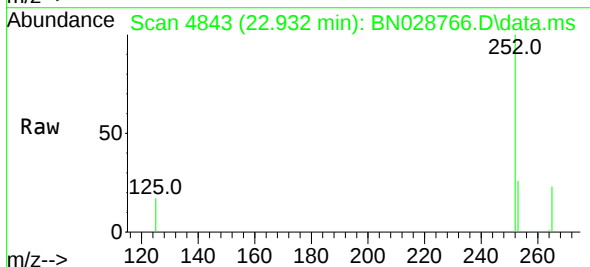
Manual Integrations
APPROVED

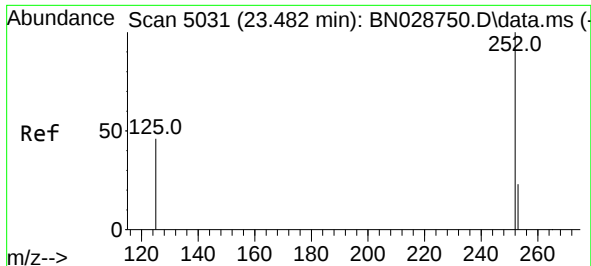
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.620 ng/ul
RT: 22.932 min Scan# 4843
Delta R.T. -0.000 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

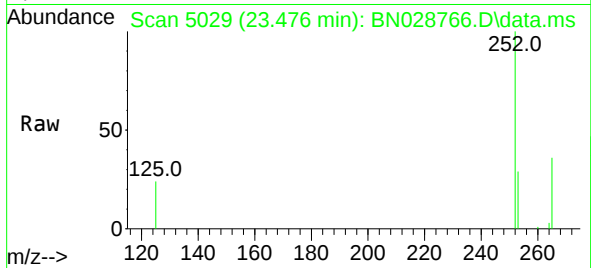
Tgt Ion:252 Resp: 33547
Ion Ratio Lower Upper
252 100
253 26.0 18.6 28.0
125 16.8 12.7 19.1





#26
Benzo(a)pyrene
Concen: 0.575 ng/ul
RT: 23.476 min Scan# 5031
Delta R.T. -0.006 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

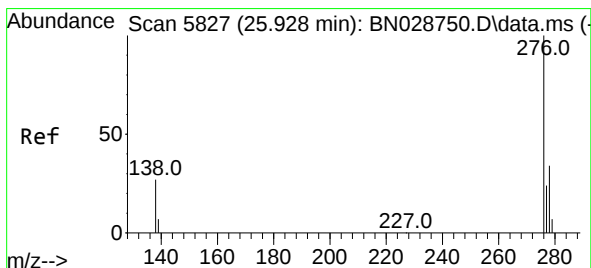
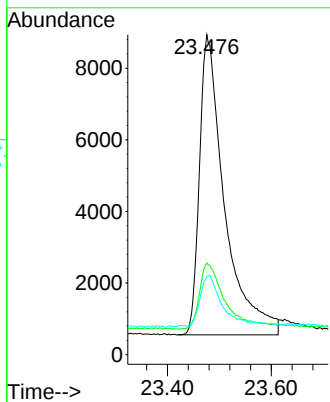
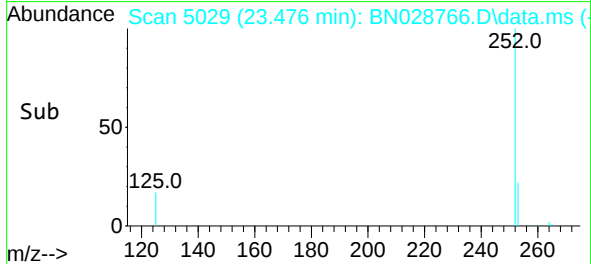
Instrument :
BNA_N
ClientSampleId :
SLCS228



Tgt Ion:252 Resp: 2807
Ion Ratio Lower Upper
252 100
253 28.7 19.0 28.6
125 24.5 13.2 19.8

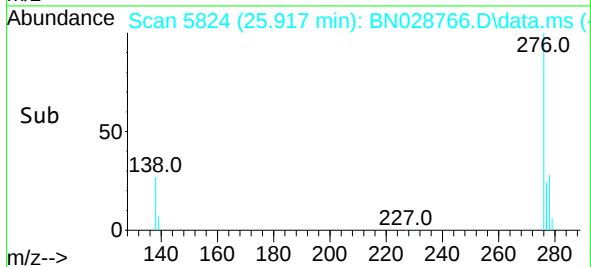
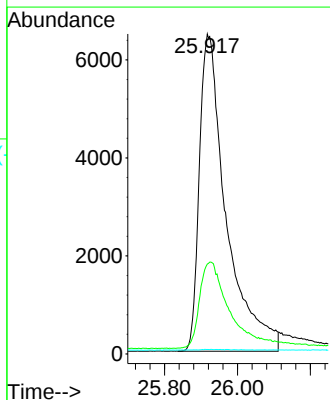
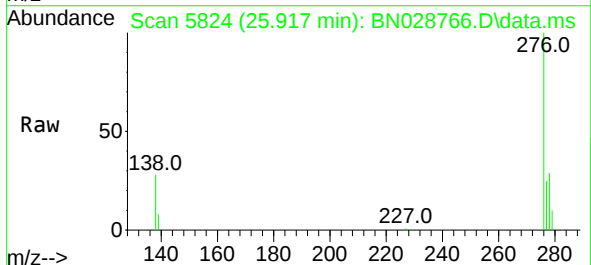
Manual Integrations
APPROVED

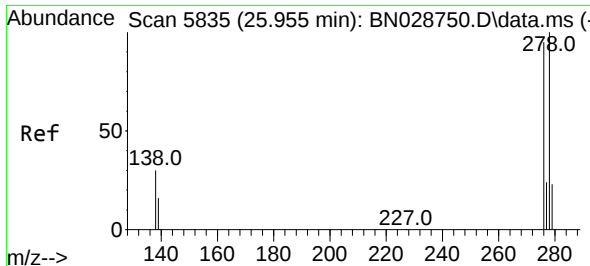
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.610 ng/ul
RT: 25.917 min Scan# 5824
Delta R.T. -0.013 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

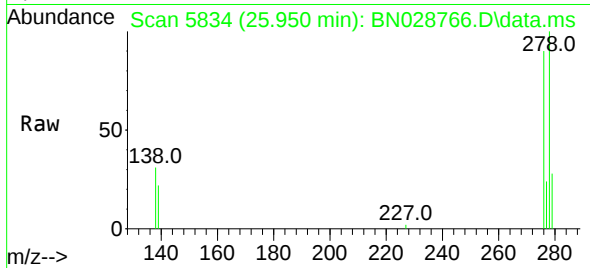
Tgt Ion:276 Resp: 33045
Ion Ratio Lower Upper
276 100
138 30.4 23.8 35.6
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.583 ng/ul
RT: 25.950 min Scan# 5835
Delta R.T. -0.007 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04

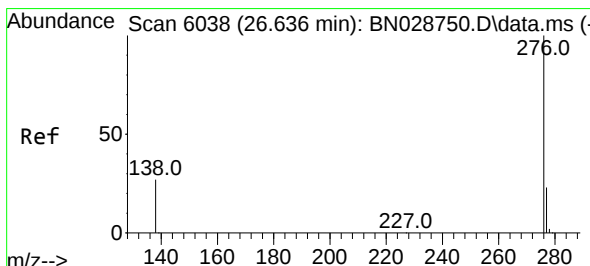
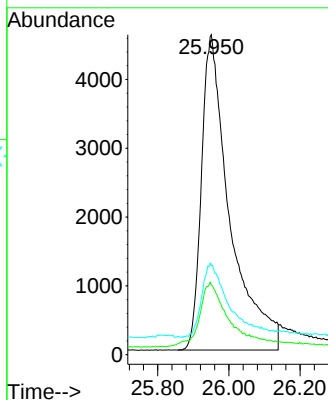
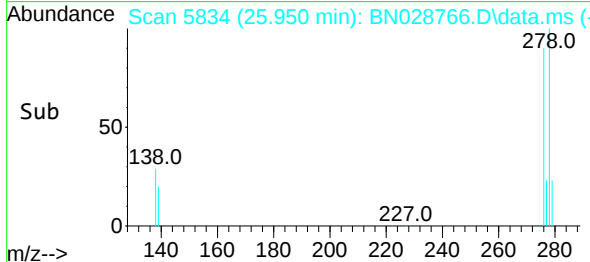
Instrument :
BNA_N
ClientSampleId :
SLCS228



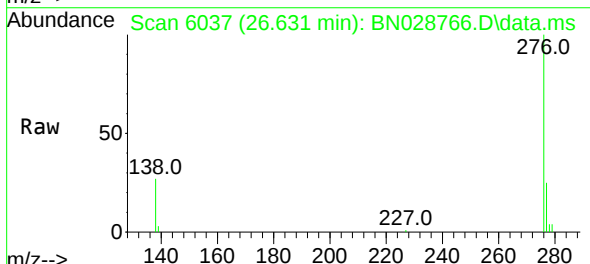
Tgt Ion: 278 Resp: 2524
Ion Ratio Lower Upper
278 100
139 21.8 18.2 27.4
279 27.8 20.7 31.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.662 ng/ul
RT: 26.631 min Scan# 6037
Delta R.T. -0.010 min
Lab File: BN028766.D
Acq: 19 Nov 2023 08:04



Tgt Ion: 276 Resp: 29363
Ion Ratio Lower Upper
276 100
138 27.2 20.5 30.7
277 24.9 19.4 29.0

