

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081222\
 Data File : BN021178.D
 Acq On : 12 Aug 2022 17:13
 Operator : CG/JU
 Sample : PB146937BS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS937

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/14/2022
 Supervised By : Jagrut Upadhyay 08/14/2022

Quant Time: Aug 13 01:02:15 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 09 23:10:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2809	0.400	ng/ul	0.01
4) Naphthalene-d8	10.585	136	10072	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.438	164	5815	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.193	188	10604	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	7113	0.400	ng/ul	0.00
23) Perylene-d12	23.730	264	5683	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	2454	0.683	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.191	152	4947	0.335	ng/ul	0.01
18) Fluoranthene-d10	19.231	212	10042	0.457	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.232	88	3233	0.873	ng/ul#	93
5) Naphthalene	10.640	128	4614	0.149	ng/ul	97
7) 2-Methylnaphthalene	12.268	142	2703	0.144	ng/ul	99
8) 1-Methylnaphthalene	12.483	142	3025	0.161	ng/ul	100
10) Acenaphthylene	14.161	152	4018	0.148	ng/ul	99
11) Acenaphthene	14.503	153	3356	0.149	ng/ul	98
12) Fluorene	15.502	166	3481	0.142	ng/ul	100
14) Pentachlorophenol	16.872	266	246	0.150	ng/ul	95
15) Phenanthrene	17.235	178	5513	0.145	ng/ul	99
16) Anthracene	17.336	178	4255	0.145	ng/ul	97
19) Fluoranthene	19.263	202	6031	0.192	ng/ul	98
20) Pyrene	19.626	202	6236	0.192	ng/ul	96
21) Benzo(a)anthracene	21.386	228	3464	0.149	ng/ul	96
22) Chrysene	21.436	228	4676	0.153	ng/ul	99
24) Benzo(b)fluoranthene	23.026	252	4151m	0.158	ng/ul	
25) Benzo(k)fluoranthene	23.073	252	4235	0.153	ng/ul#	90
26) Benzo(a)pyrene	23.631	252	3914	0.163	ng/ul#	51
27) Indeno(1,2,3-cd)pyrene	26.145	276	4112	0.143	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.169	278	3151	0.139	ng/ul#	88
29) Benzo(g,h,i)perylene	26.880	276	3812	0.149	ng/ul	93

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

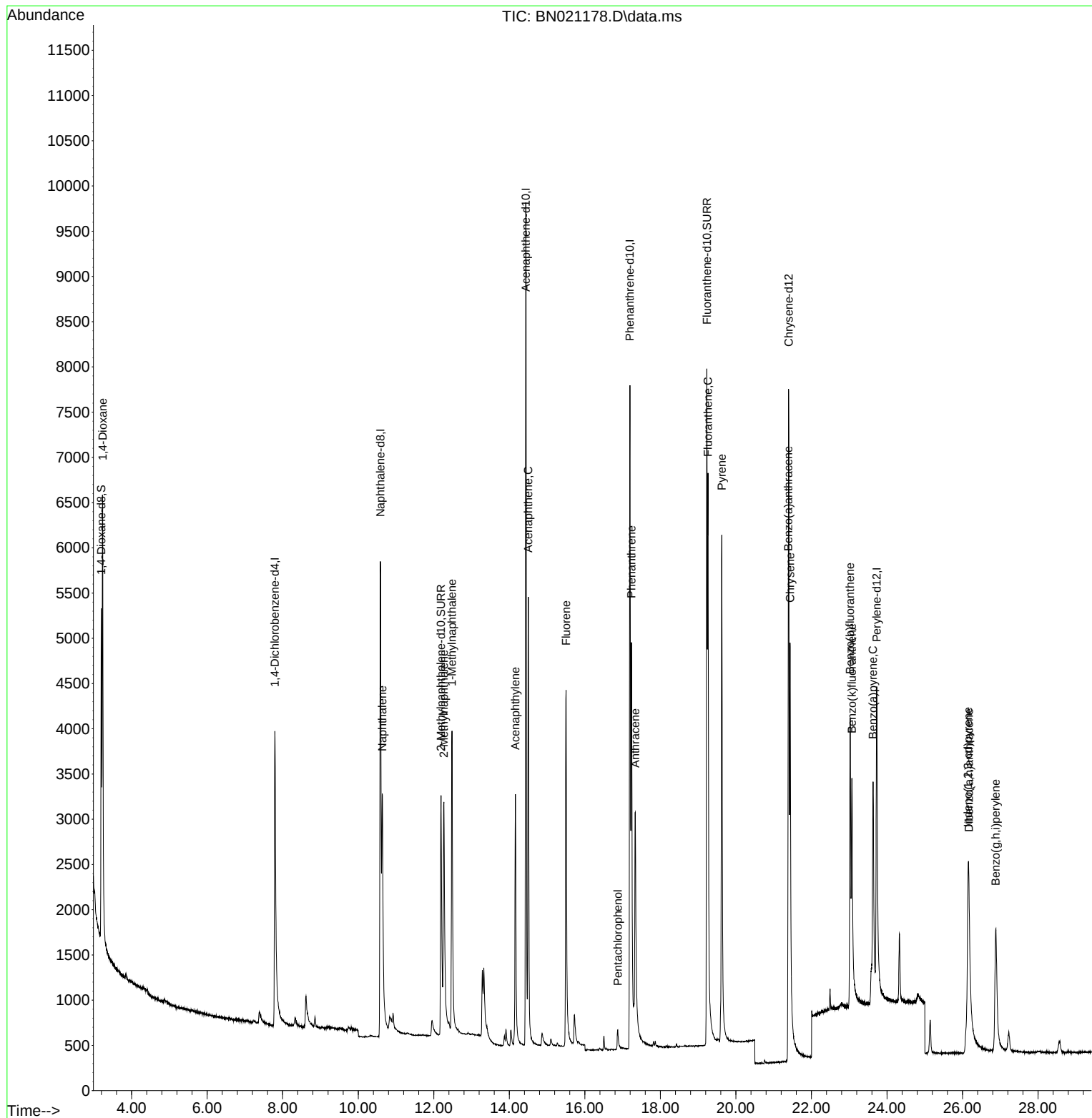
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081222\
Data File : BN021178.D
Acq On : 12 Aug 2022 17:13
Operator : CG/JU
Sample : PB146937BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

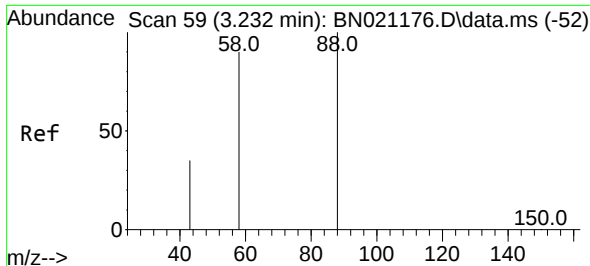
Instrument :
BNA_N
ClientSampleId :
SLCS937

Quant Time: Aug 13 01:02:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 09 23:10:06 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

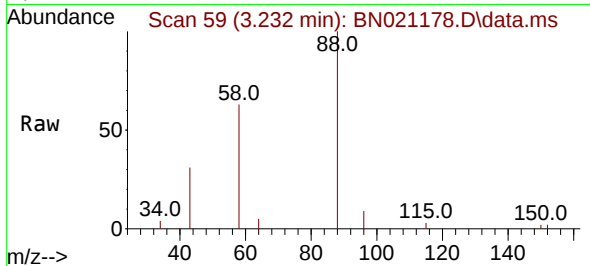
Reviewed By :Christian Giraldo 08/14/2022
Supervised By :Jagrut Upadhyay 08/14/2022





#2
1,4-Dioxane
Concen: 0.873 ng/ul
RT: 3.232 min Scan# 59
Delta R.T. 0.004 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

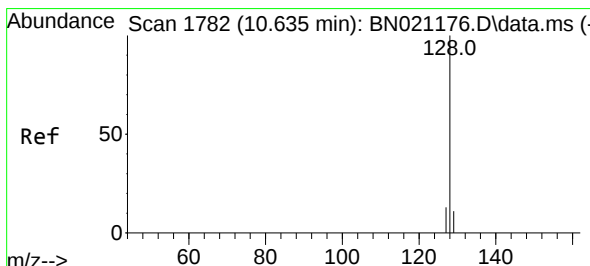
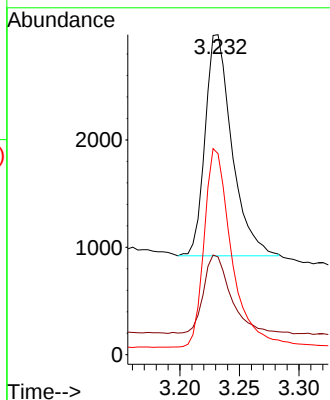
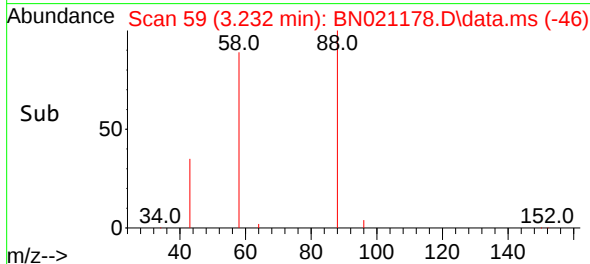
Instrument :
BNA_N
ClientSampleId :
SLCS937



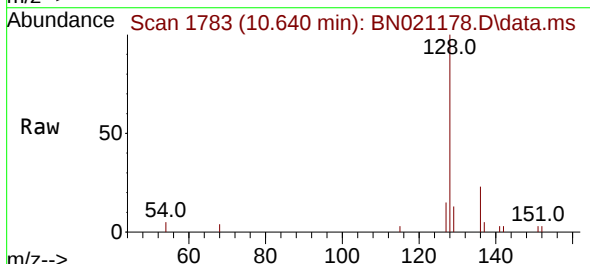
Tgt Ion: 88 Resp: 323
Ion Ratio Lower Upper
88 100
43 30.6 31.4 47.0
58 62.8 49.0 73.6

Manual Integrations
APPROVED

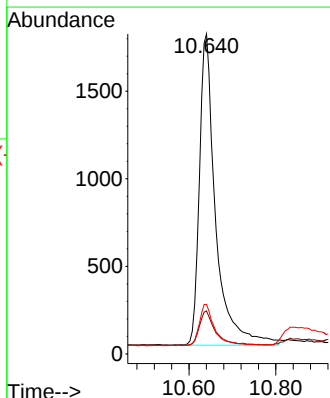
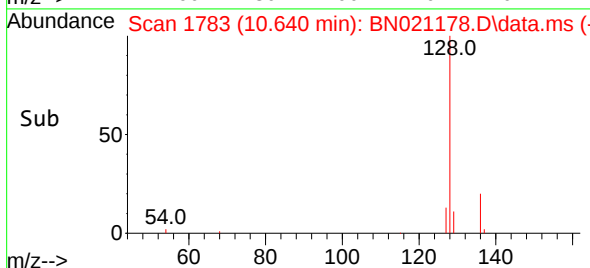
Reviewed By :Christian Giraldo 08/14/2022
Supervised By :Jagrut Upadhyay 08/14/2022

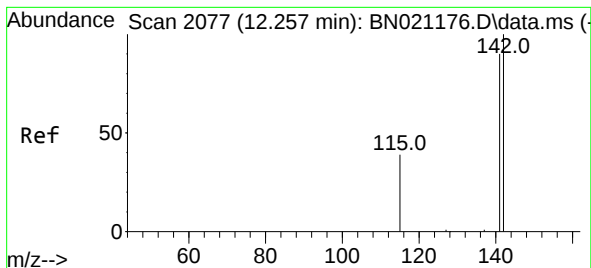


#5
Naphthalene
Concen: 0.149 ng/ul
RT: 10.640 min Scan# 1783
Delta R.T. 0.012 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13



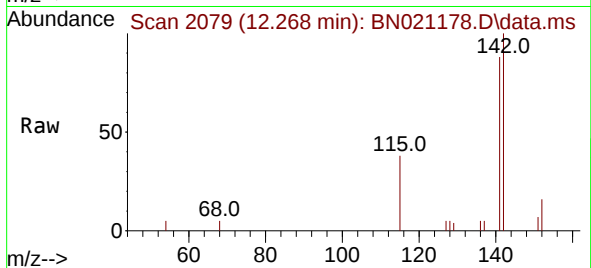
Tgt Ion:128 Resp: 4614
Ion Ratio Lower Upper
128 100
129 13.5 9.8 14.6
127 15.5 11.6 17.4





#7
2-Methylnaphthalene
Concen: 0.144 ng/ul
RT: 12.268 min Scan# 2077
Delta R.T. 0.018 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

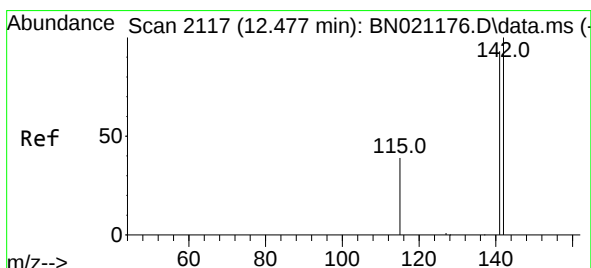
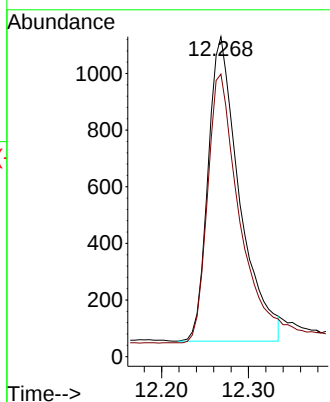
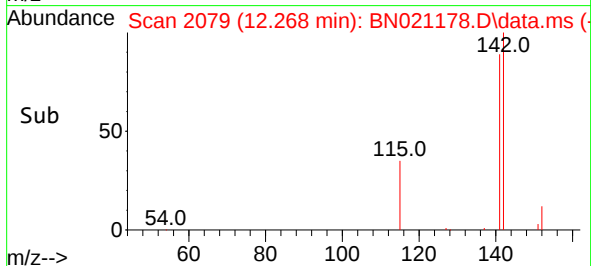
Instrument :
BNA_N
ClientSampleId :
SLCS937



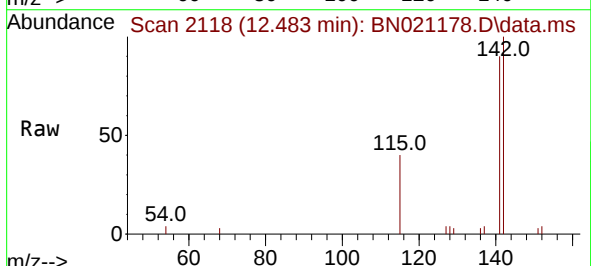
Tgt Ion:142 Resp: 270
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.2

Manual Integrations
APPROVED

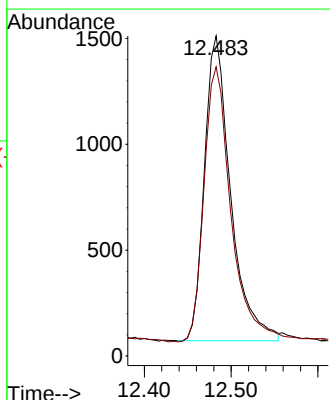
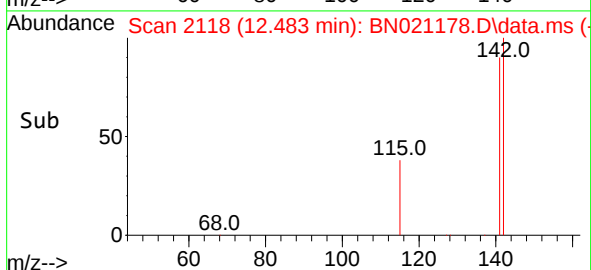
Reviewed By :Christian Giraldo 08/14/2022
Supervised By :Jagrut Upadhyay 08/14/2022

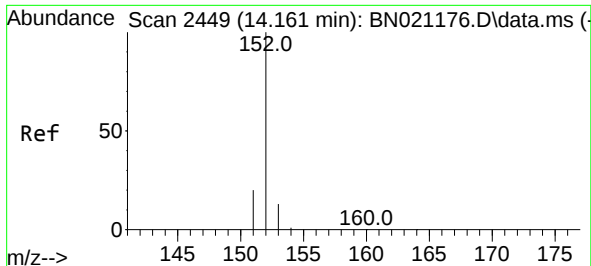


#8
1-Methylnaphthalene
Concen: 0.161 ng/ul
RT: 12.483 min Scan# 2118
Delta R.T. 0.012 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13



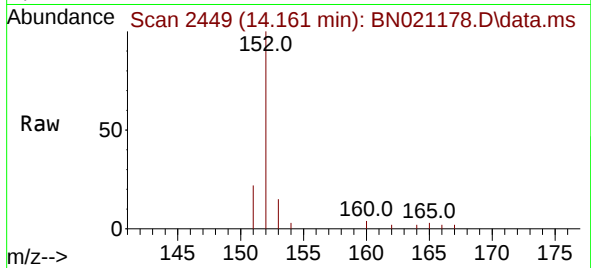
Tgt Ion:142 Resp: 3025
Ion Ratio Lower Upper
142 100
141 92.6 73.9 110.9





#10
Acenaphthylene
Concen: 0.148 ng/ul
RT: 14.161 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

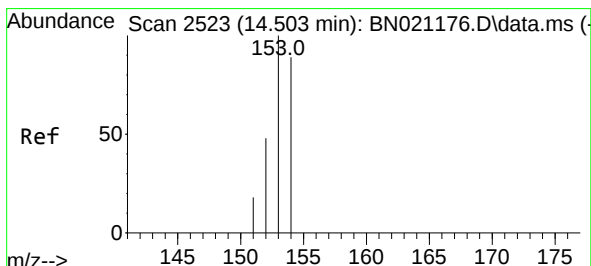
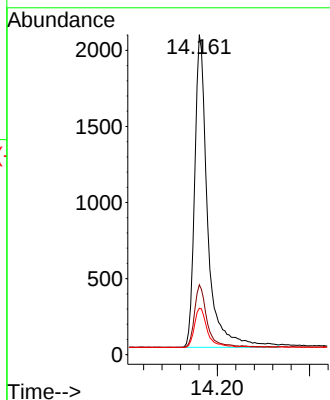
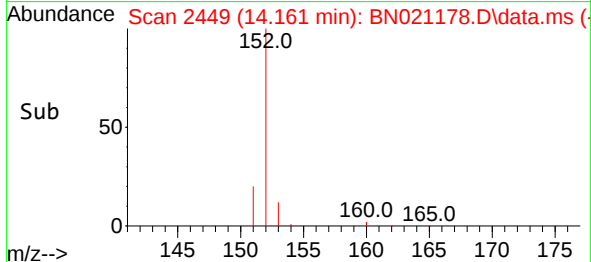
Instrument :
BNA_N
ClientSampleId :
SLCS937



Tgt Ion:152 Resp: 4018
Ion Ratio Lower Upper
152 100
151 21.9 16.9 25.3
153 14.5 11.2 16.8

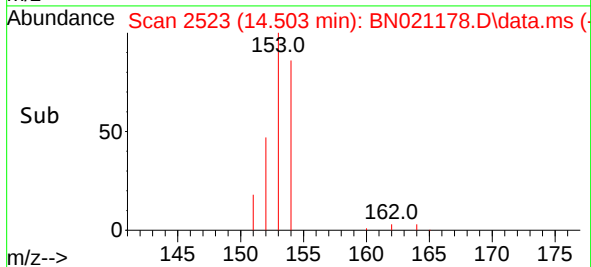
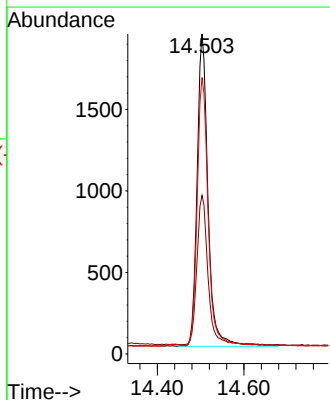
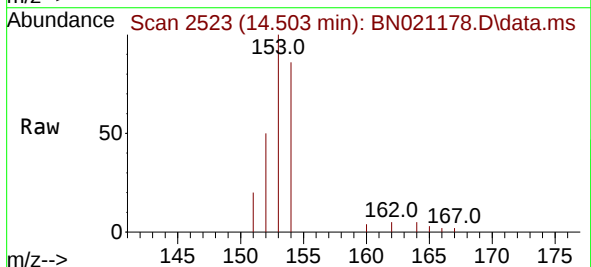
Manual Integrations
APPROVED

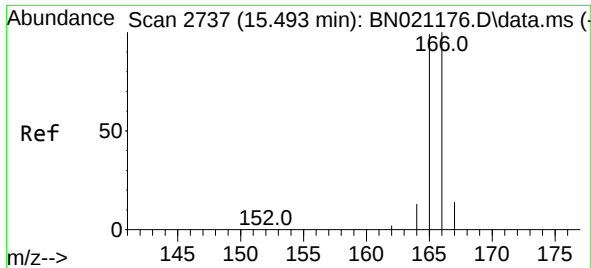
Reviewed By :Christian Giraldo 08/14/2022
Supervised By :Jagrut Upadhyay 08/14/2022



#11
Acenaphthene
Concen: 0.149 ng/ul
RT: 14.503 min Scan# 2523
Delta R.T. 0.001 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

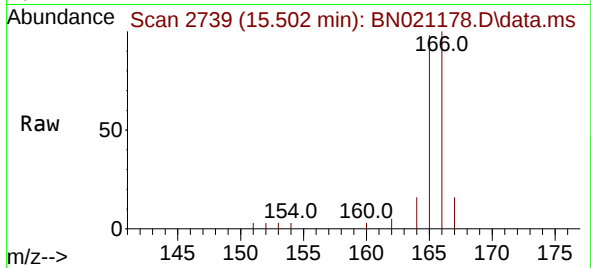
Tgt Ion:153 Resp: 3356
Ion Ratio Lower Upper
153 100
152 49.6 40.2 60.4
154 86.4 70.7 106.1





#12
Fluorene
Concen: 0.142 ng/ul
RT: 15.502 min Scan# 21
Delta R.T. 0.011 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

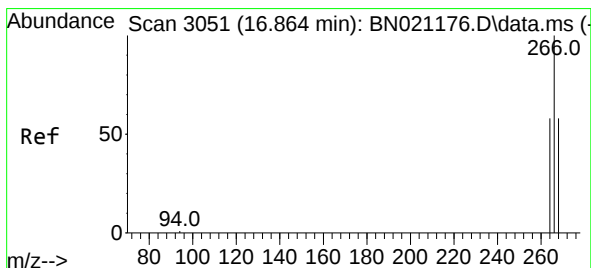
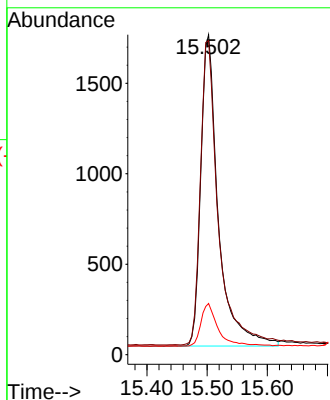
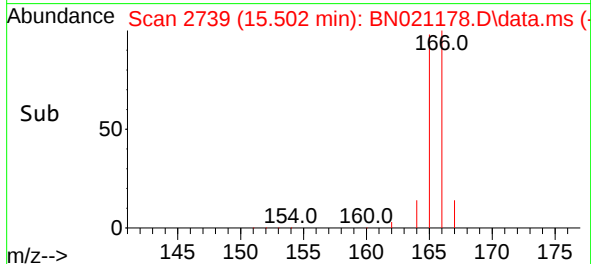
Instrument :
BNA_N
ClientSampleId :
SLCS937



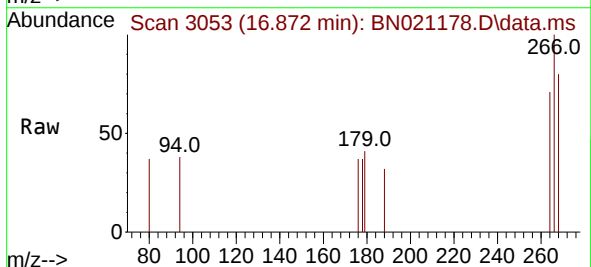
Tgt Ion:166 Resp: 348
Ion Ratio Lower Upper
166 100
165 98.1 78.6 117.8
167 16.0 11.8 17.6

Manual Integrations
APPROVED

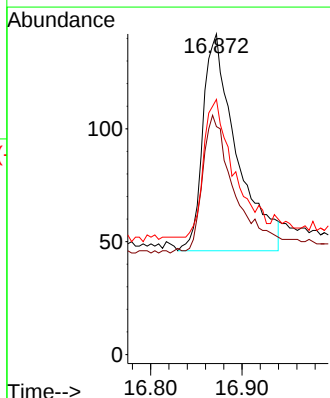
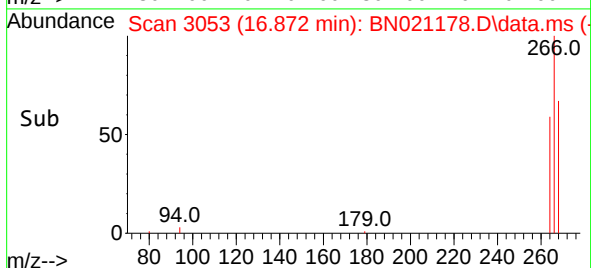
Reviewed By :Christian Giraldo 08/14/2022
Supervised By :Jagrut Upadhyay 08/14/2022

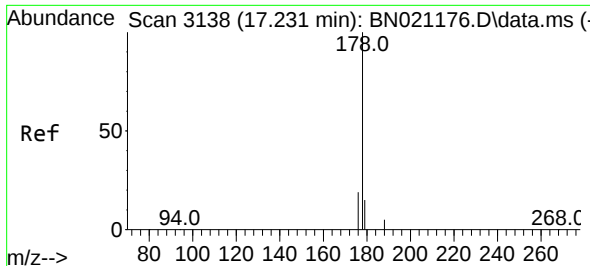


#14
Pentachlorophenol
Concen: 0.150 ng/ul
RT: 16.872 min Scan# 3053
Delta R.T. 0.018 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13



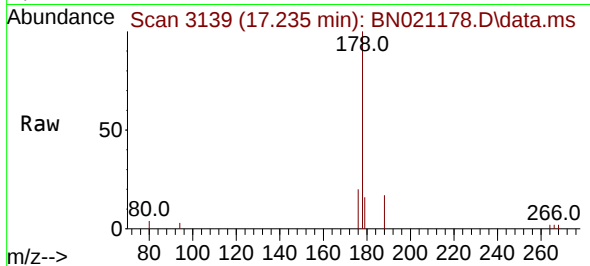
Tgt Ion:266 Resp: 246
Ion Ratio Lower Upper
266 100
264 58.9 49.8 74.8
268 58.1 50.6 75.8





#15
Phenanthrene
Concen: 0.145 ng/ul
RT: 17.235 min Scan# 3138
Delta R.T. 0.005 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

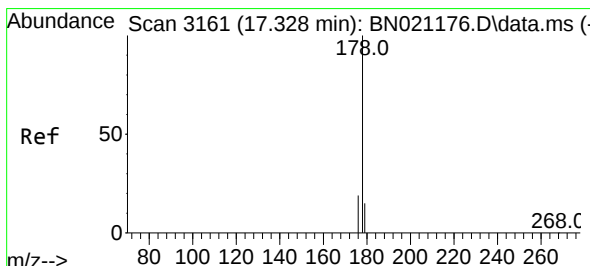
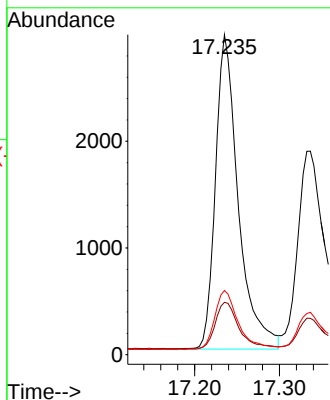
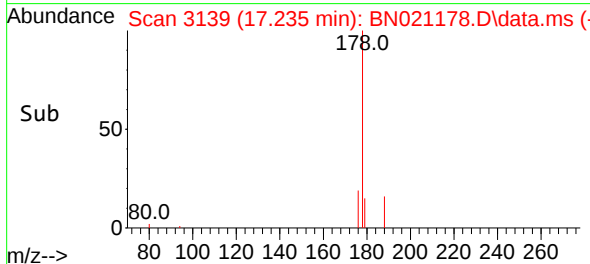
Instrument :
BNA_N
ClientSampleId :
SLCS937



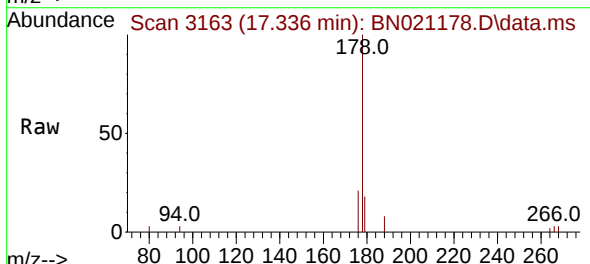
Tgt Ion:178 Resp: 5511
Ion Ratio Lower Upper
178 100
179 16.3 12.8 19.2
176 20.1 15.9 23.9

Manual Integrations
APPROVED

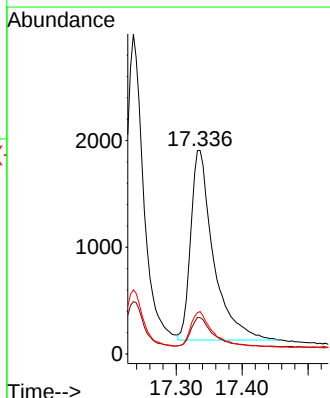
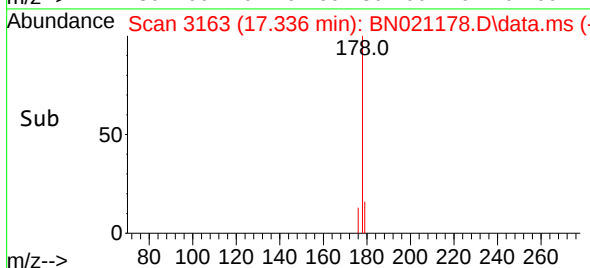
Reviewed By :Christian Giraldo 08/14/2022
Supervised By :Jagrut Upadhyay 08/14/2022

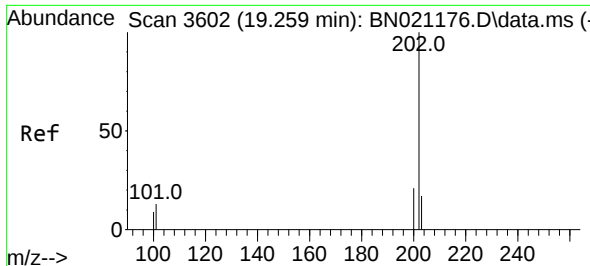


#16
Anthracene
Concen: 0.145 ng/ul
RT: 17.336 min Scan# 3163
Delta R.T. 0.014 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13



Tgt Ion:178 Resp: 4255
Ion Ratio Lower Upper
178 100
179 17.9 12.9 19.3
176 20.8 15.9 23.9





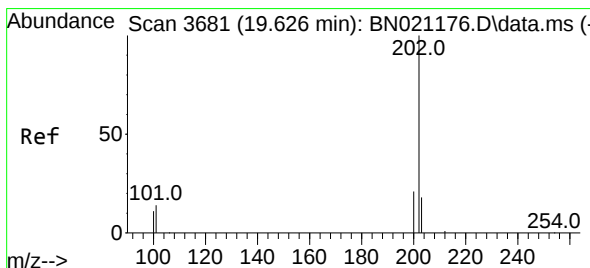
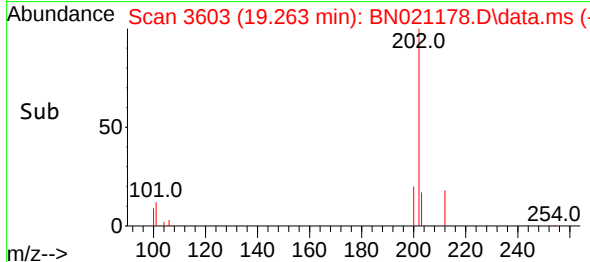
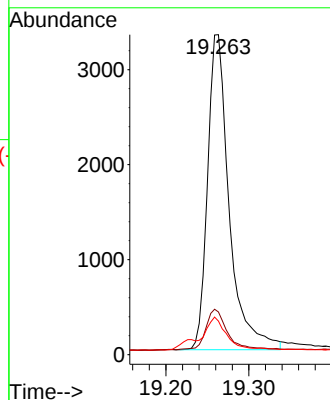
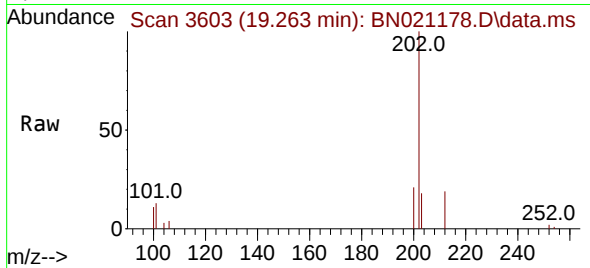
#19
Fluoranthene
Concen: 0.192 ng/ul
RT: 19.263 min Scan# 3603
Delta R.T. 0.001 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

Instrument :
BNA_N
ClientSampleId :
SLCS937

Tgt Ion:202 Resp: 603
Ion Ratio Lower Upper
202 100
101 13.4 10.0 15.0
100 10.5 8.0 12.0

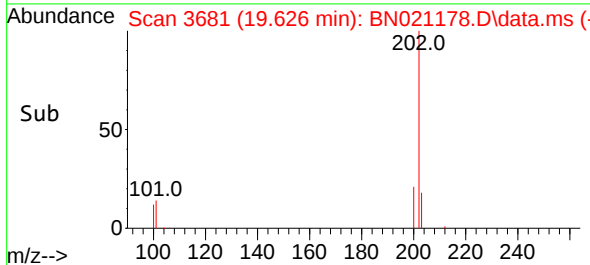
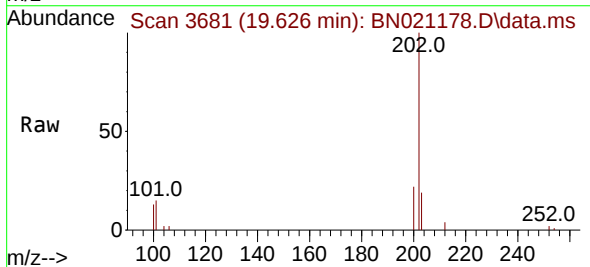
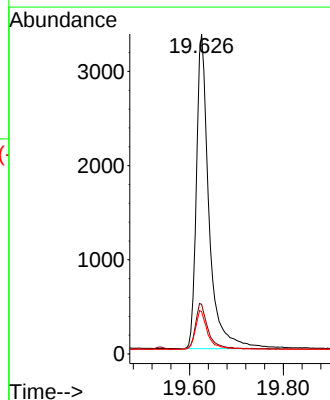
Manual Integrations
APPROVED

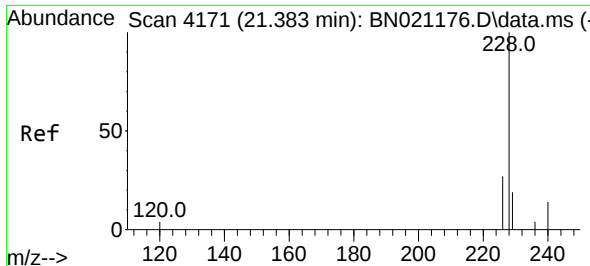
Reviewed By :Christian Giraldo 08/14/2022
Supervised By :Jagrut Upadhyay 08/14/2022



#20
Pyrene
Concen: 0.192 ng/ul
RT: 19.626 min Scan# 3681
Delta R.T. 0.001 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

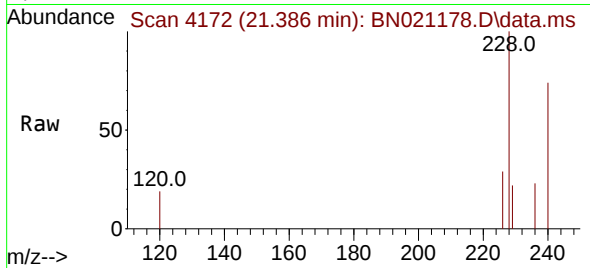
Tgt Ion:202 Resp: 6236
Ion Ratio Lower Upper
202 100
101 15.5 11.3 16.9
100 13.2 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.149 ng/ul
RT: 21.386 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

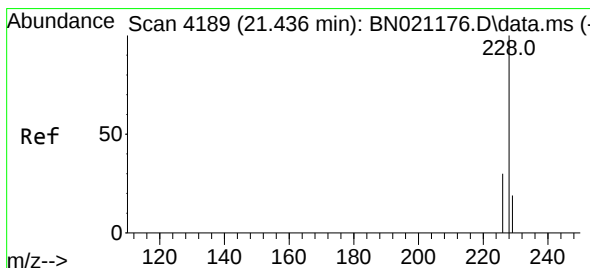
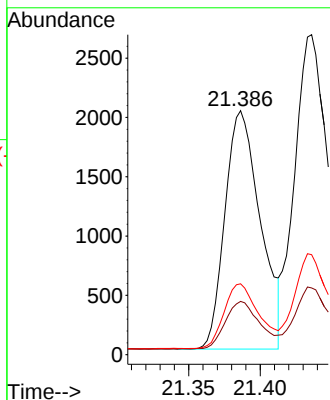
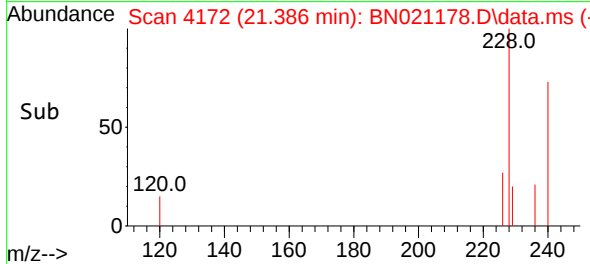
Instrument :
BNA_N
ClientSampleId :
SLCS937



Tgt Ion:228 Resp: 3464
Ion Ratio Lower Upper
228 100
229 21.8 16.0 24.0
226 29.1 21.9 32.9

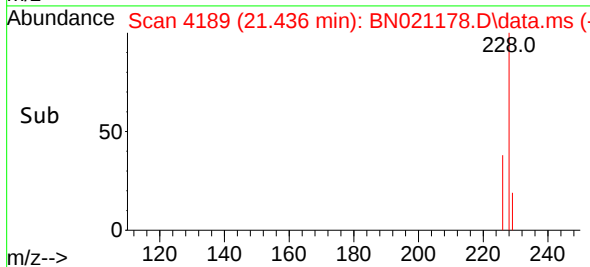
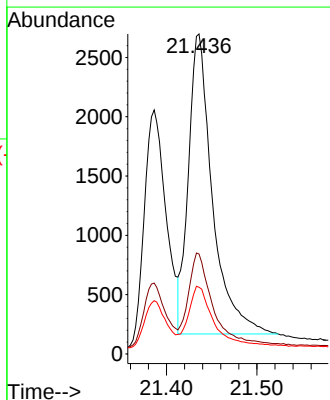
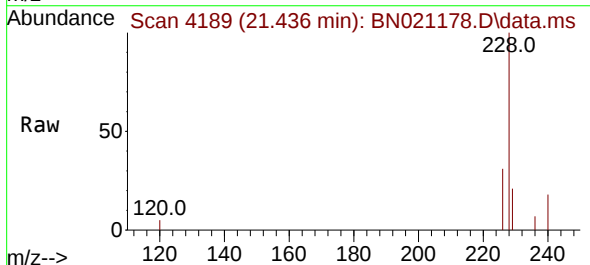
Manual Integrations
APPROVED

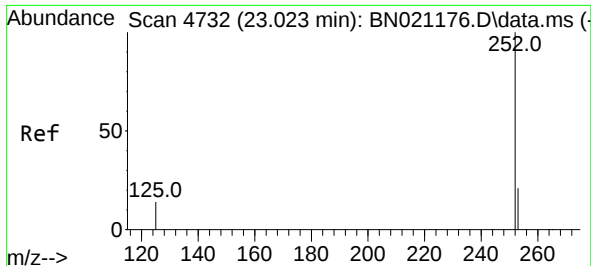
Reviewed By :Christian Giraldo 08/14/2022
Supervised By :Jagrut Upadhyay 08/14/2022



#22
Chrysene
Concen: 0.153 ng/ul
RT: 21.436 min Scan# 4189
Delta R.T. -0.006 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

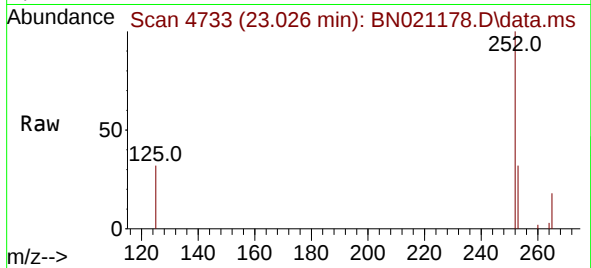
Tgt Ion:228 Resp: 4676
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 20.9 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.158 ng/ul m
RT: 23.026 min Scan# 4732
Delta R.T. -0.003 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

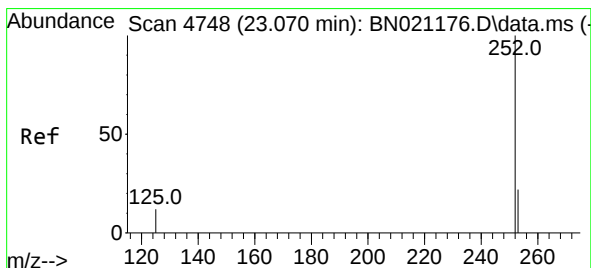
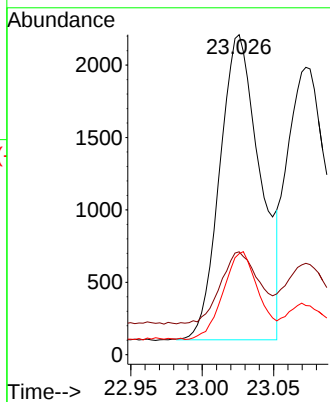
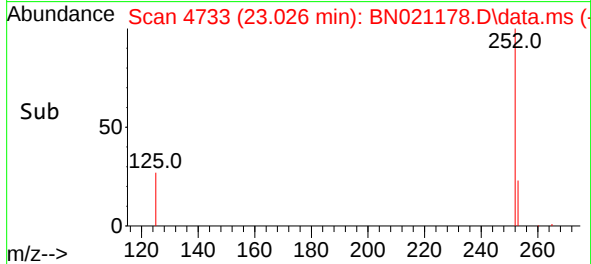
Instrument :
BNA_N
ClientSampleId :
SLCS937



Tgt Ion:252 Resp: 415
Ion Ratio Lower Upper
252 100
253 32.2 0.0 50.8
125 31.5 0.0 30.0

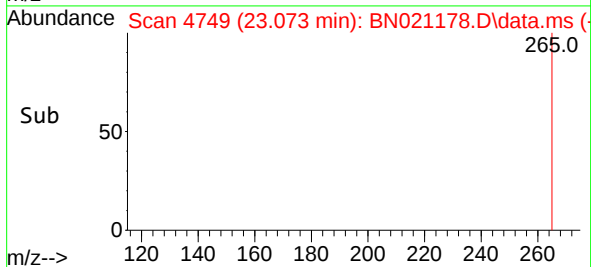
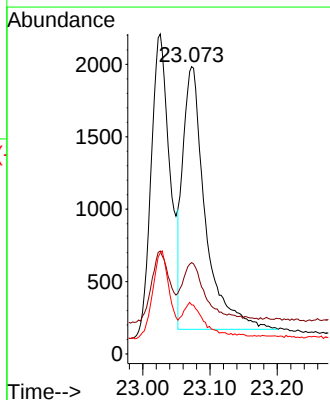
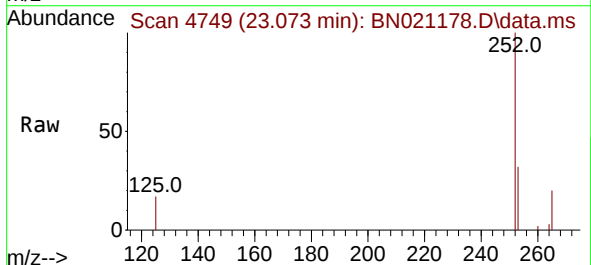
Manual Integrations
APPROVED

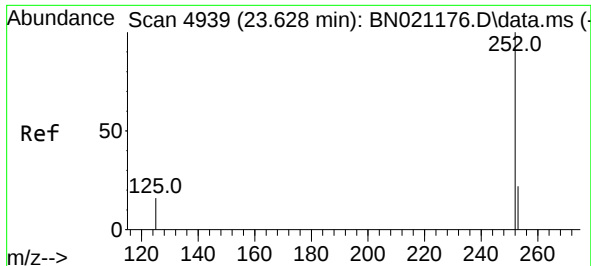
Reviewed By :Christian Giraldo 08/14/2022
Supervised By :Jagrut Upadhyay 08/14/2022



#25
Benzo(k)fluoranthene
Concen: 0.153 ng/ul
RT: 23.073 min Scan# 4749
Delta R.T. -0.003 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

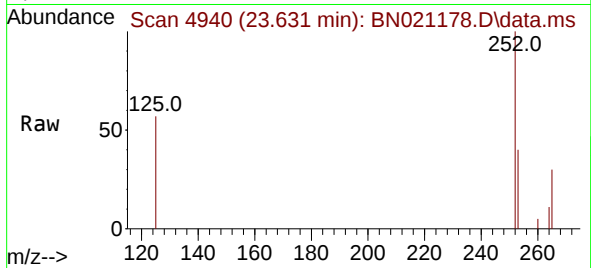
Tgt Ion:252 Resp: 4235
Ion Ratio Lower Upper
252 100
253 31.8 20.6 31.0#
125 17.1 11.8 17.6





#26
Benzo(a)pyrene
Concen: 0.163 ng/ul
RT: 23.631 min Scan# 4939
Delta R.T. -0.003 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

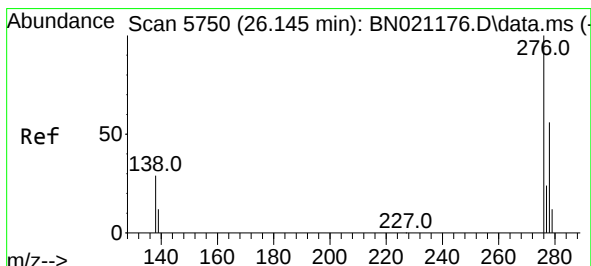
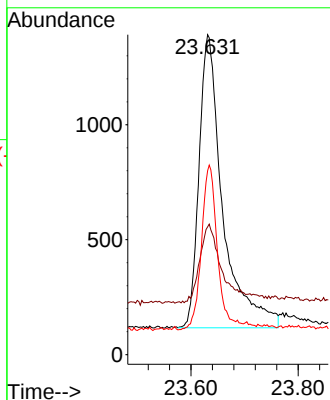
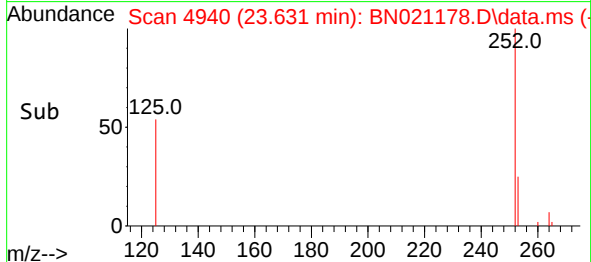
Instrument :
BNA_N
ClientSampleId :
SLCS937



Tgt Ion:252 Resp: 3914
Ion Ratio Lower Upper
252 100
253 39.9 22.1 33.1
125 57.5 14.7 22.1

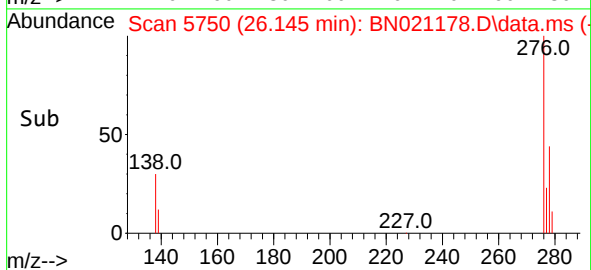
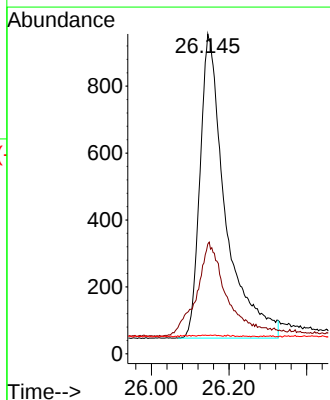
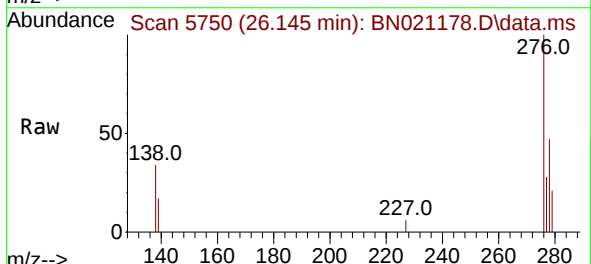
Manual Integrations
APPROVED

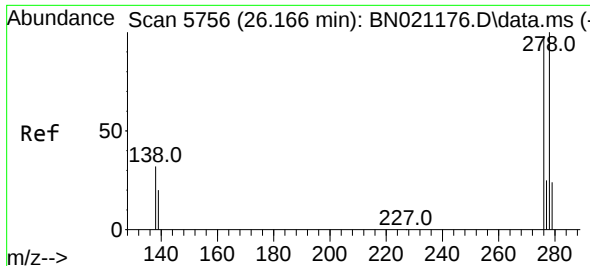
Reviewed By :Christian Giraldo 08/14/2022
Supervised By :Jagrut Upadhyay 08/14/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.143 ng/ul
RT: 26.145 min Scan# 5750
Delta R.T. -0.004 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

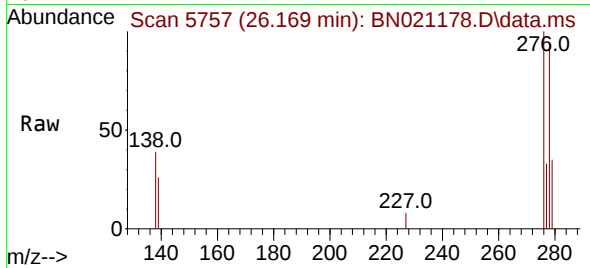
Tgt Ion:276 Resp: 4112
Ion Ratio Lower Upper
276 100
138 37.1 26.1 39.1
227 0.4 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.139 ng/ul
RT: 26.169 min Scan# 51
Delta R.T. 0.003 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13

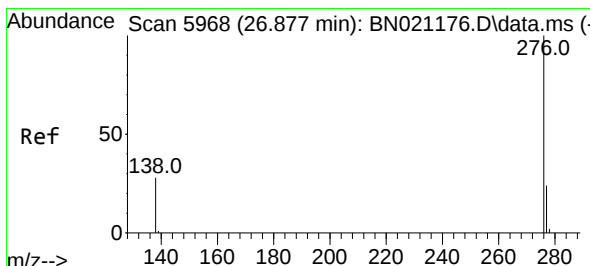
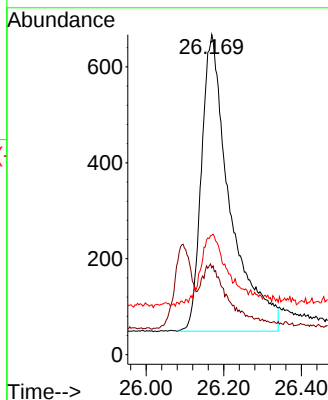
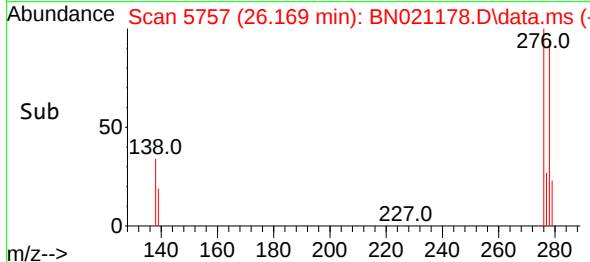
Instrument :
BNA_N
ClientSampleId :
SLCS937



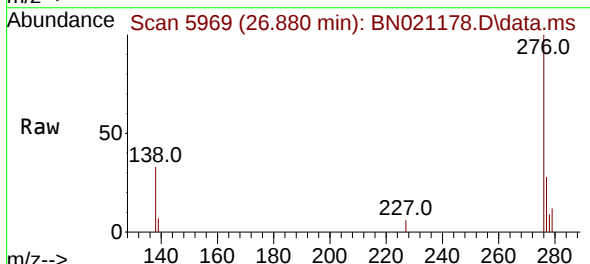
Tgt Ion: 278 Resp: 315
Ion Ratio Lower Upper
278 100
139 27.1 18.3 27.5
279 37.3 23.9 35.9

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 08/14/2022
Supervised By : Jagrut Upadhyay 08/14/2022



#29
Benzo(g,h,i)perylene
Concen: 0.149 ng/ul
RT: 26.880 min Scan# 5969
Delta R.T. -0.007 min
Lab File: BN021178.D
Acq: 12 Aug 2022 17:13



Tgt Ion: 276 Resp: 3812
Ion Ratio Lower Upper
276 100
138 32.9 22.6 34.0
277 28.2 20.2 30.2

