

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
 Data File : BN019334.D
 Acq On : 05 Apr 2022 02:24
 Operator : CG/JU
 Sample : N2237-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A08015

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/05/2022
 Supervised By : Jagrut Upadhyay 04/05/2022

Quant Time: Apr 05 03:31:18 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 04 17:40:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	5650	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	17189	0.400	ng	# 0.00
13) Acenaphthene-d10	14.463	164	11162	0.400	ng	0.00
19) Phenanthrene-d10	17.205	188	22292	0.400	ng	0.00
29) Chrysene-d12	21.386	240	17773	0.400	ng	# 0.00
35) Perylene-d12	23.738	264	14141	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2809	0.186	ng	0.00
5) Phenol-d6	6.995	99	3215	0.177	ng	0.00
8) Nitrobenzene-d5	8.993	82	3238	0.207	ng	0.01
11) 2-Methylnaphthalene-d10	12.223	152	8424	0.279	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1354	0.200	ng	0.00
15) 2-Fluorobiphenyl	13.095	172	12184	0.263	ng	0.00
27) Fluoranthene-d10	19.236	212	9746	0.136	ng	0.00
31) Terphenyl-d14	19.830	244	6168	0.160	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.680	128	1505	0.030	ng	# 83
12) 2-Methylnaphthalene	12.295	142	1209	0.034	ng	# 92
25) Phenanthrene	17.246	178	7184	0.096	ng	99
28) Fluoranthene	19.265	202	9663	0.109	ng	97
30) Pyrene	19.628	202	8896	0.108	ng	# 96
32) Benzo(a)anthracene	21.377	228	4108	0.063	ng	# 82
33) Chrysene	21.422	228	4985	0.068	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.306	149	6835	0.140	ng	98
36) Indeno(1,2,3-cd)pyrene	26.167	276	1548	0.026	ng	# 75
37) Benzo(b)fluoranthene	23.027	252	4790m	0.086	ng	
38) Benzo(k)fluoranthene	23.059	252	1782m	0.031	ng	
39) Benzo(a)pyrene	23.635	252	2361	0.047	ng	# 1
41) Benzo(g,h,i)perylene	26.904	276	2278	0.042	ng	# 60

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

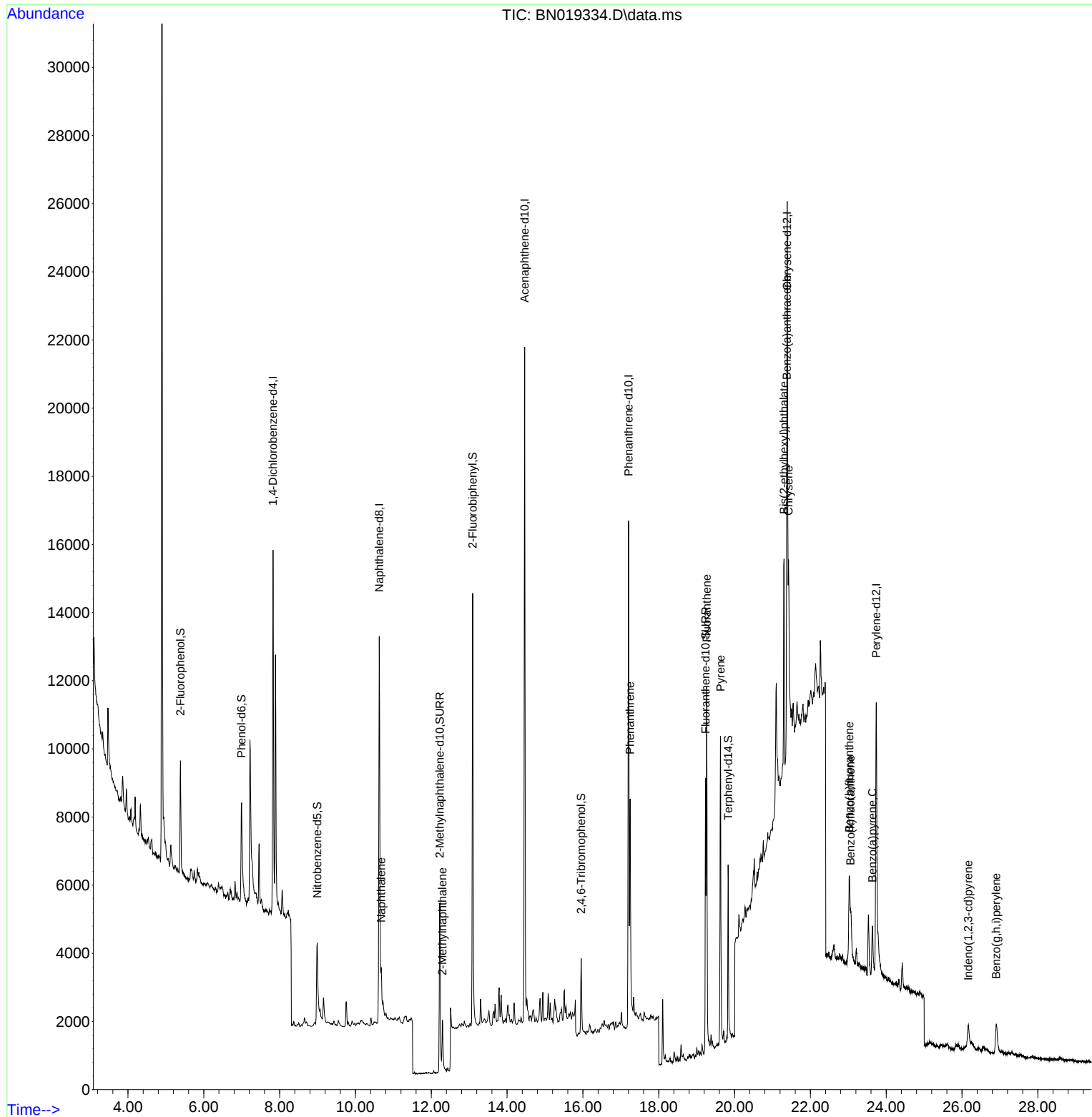
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
Data File : BN019334.D
Acq On : 05 Apr 2022 02:24
Operator : CG/JU
Sample : N2237-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

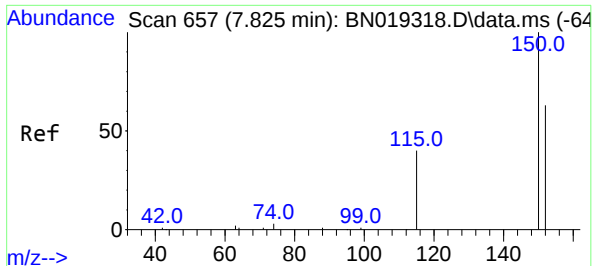
Instrument :
BNA_N
ClientSampleId :
A08015

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/05/2022
Supervised By : Jagrut Upadhyay 04/05/2022

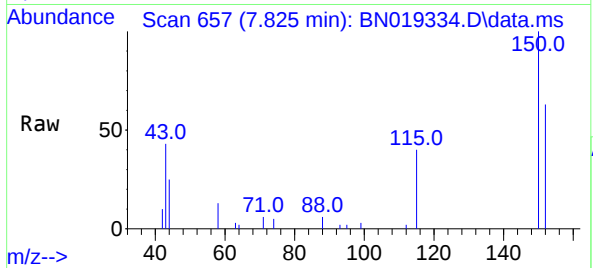
Quant Time: Apr 05 03:31:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 657
Delta R.T. 0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

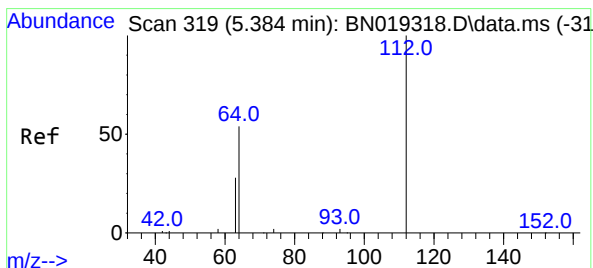
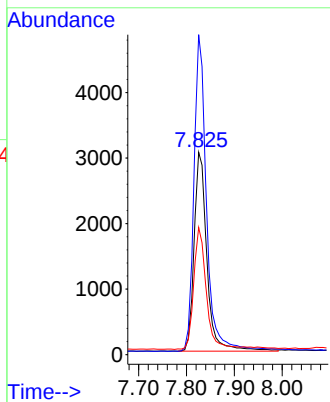
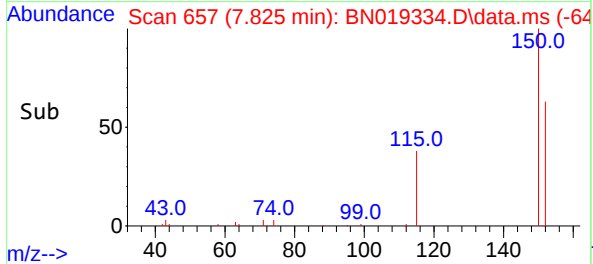
Instrument :
BNA_N
ClientSampleId :
A08015



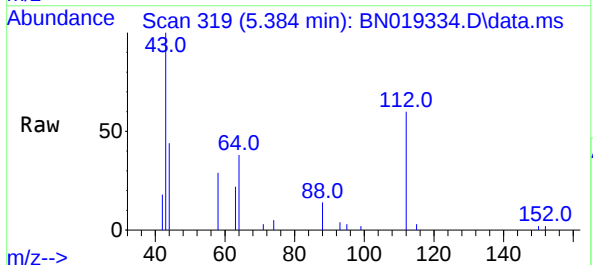
Tgt Ion:152 Resp: 5650
Ion Ratio Lower Upper
152 100
150 158.2 123.9 185.9
115 62.9 48.2 72.4

Manual Integrations
APPROVED

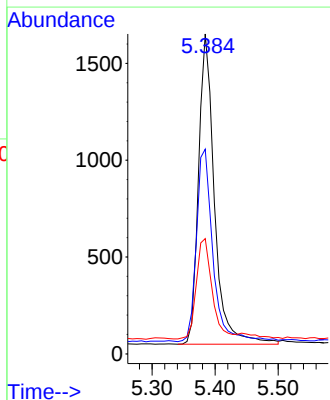
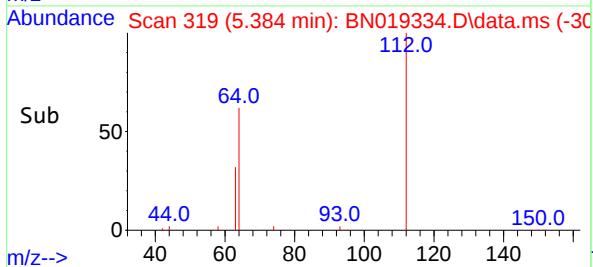
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

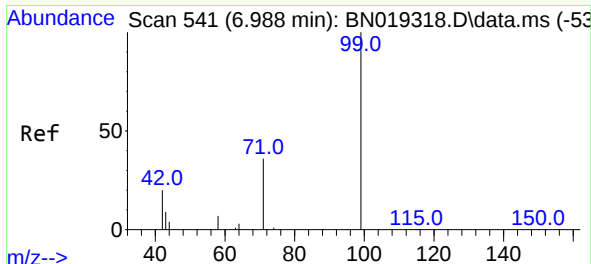


#4
2-Fluorophenol
Concen: 0.186 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24



Tgt Ion:112 Resp: 2809
Ion Ratio Lower Upper
112 100
64 64.8 47.8 71.8
63 31.9 25.7 38.5





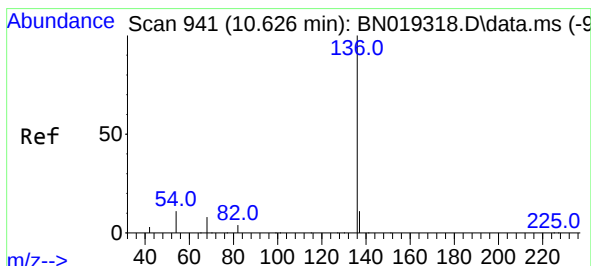
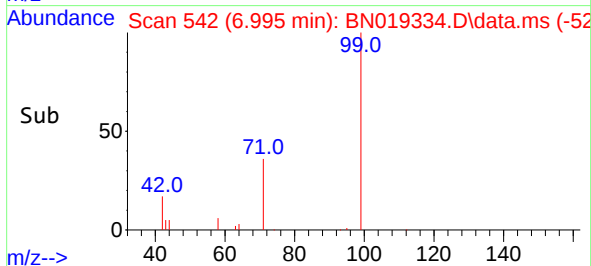
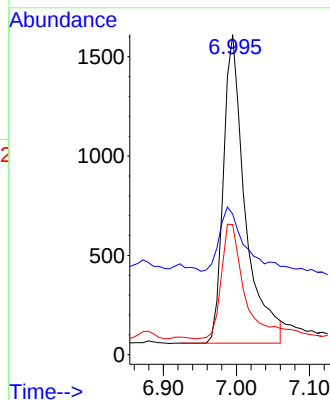
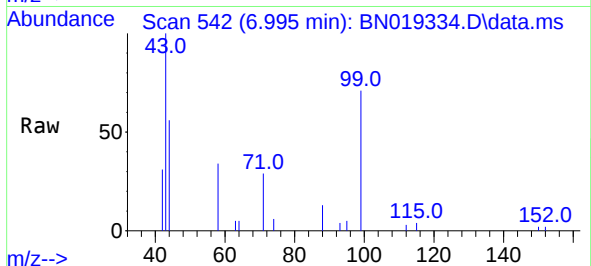
#5
Phenol-d6
Concen: 0.177 ng
RT: 6.995 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

Instrument :
BNA_N
ClientSampleId :
A08015

Tgt Ion: 99 Resp: 3215
Ion Ratio Lower Upper
99 100
42 23.7 16.2 24.4
71 39.2 27.7 41.5

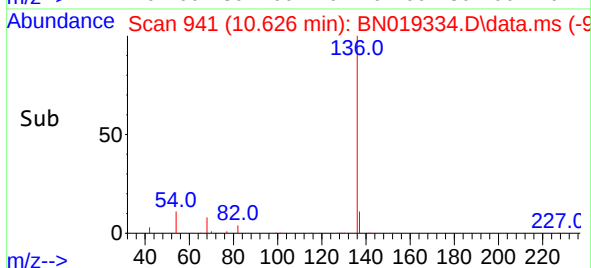
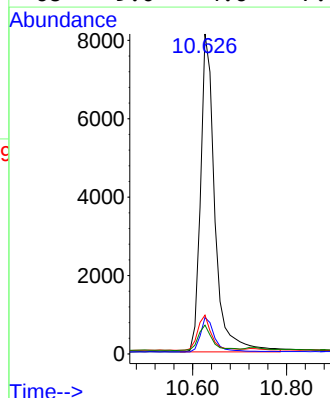
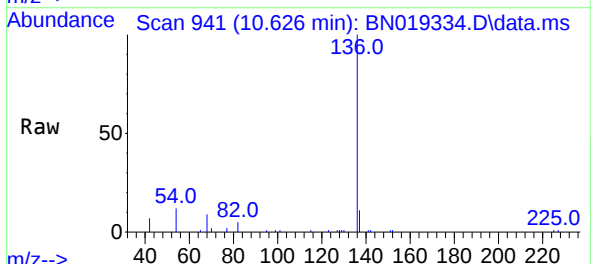
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

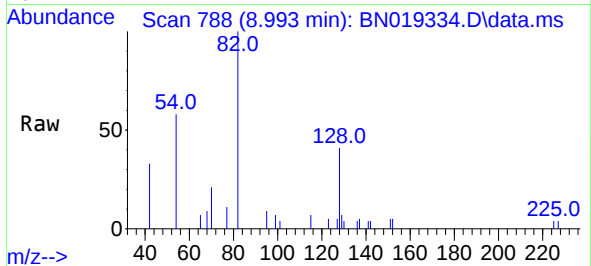
Tgt Ion:136 Resp: 17189
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 12.1 5.8 8.6#
68 9.0 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.207 ng
RT: 8.993 min Scan# 787
Delta R.T. 0.011 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

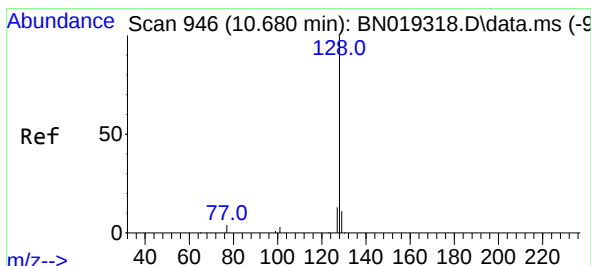
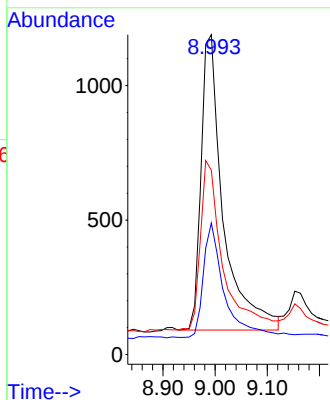
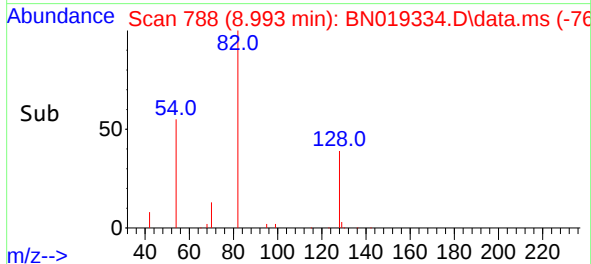
Instrument :
BNA_N
ClientSampleId :
A08015



Tgt Ion: 82 Resp: 3238
Ion Ratio Lower Upper
82 100
128 41.1 33.0 49.6
54 57.7 42.5 63.7

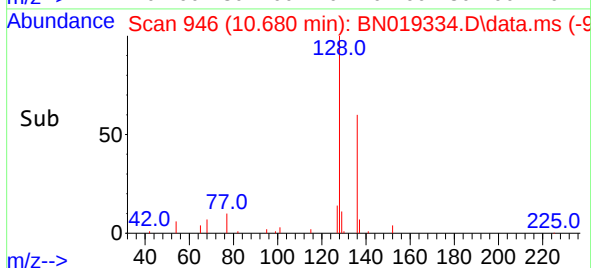
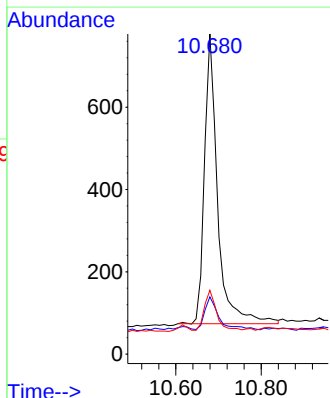
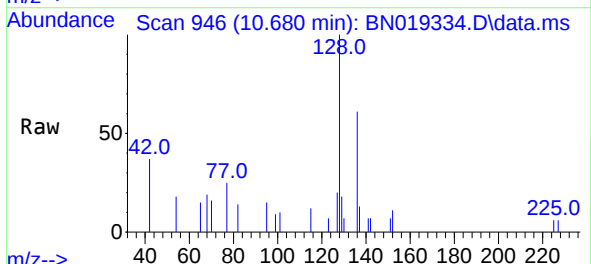
Manual Integrations
APPROVED

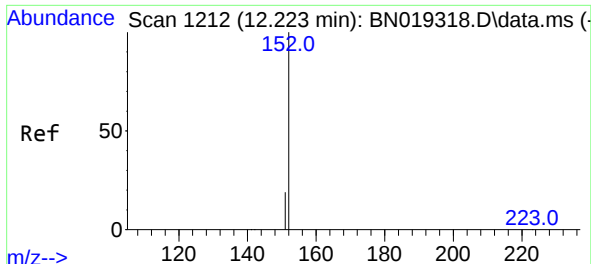
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#9
Naphthalene
Concen: 0.030 ng
RT: 10.680 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

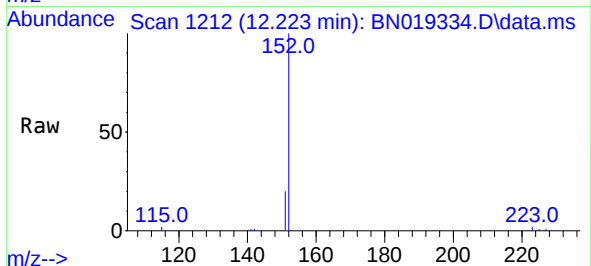
Tgt Ion:128 Resp: 1505
Ion Ratio Lower Upper
128 100
129 17.9 9.0 13.4#
127 19.9 10.7 16.1#





#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.223 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

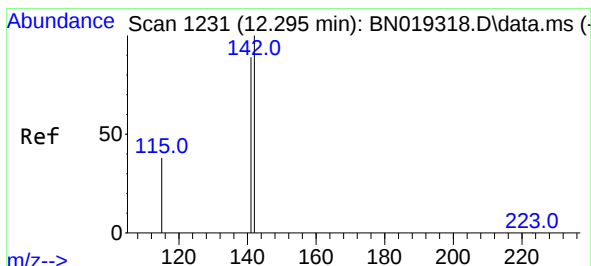
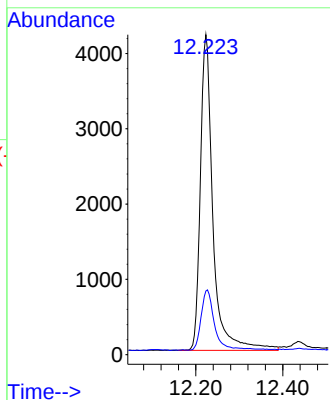
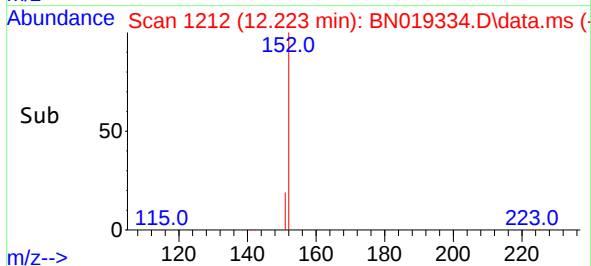
Instrument :
BNA_N
ClientSampleId :
A08015



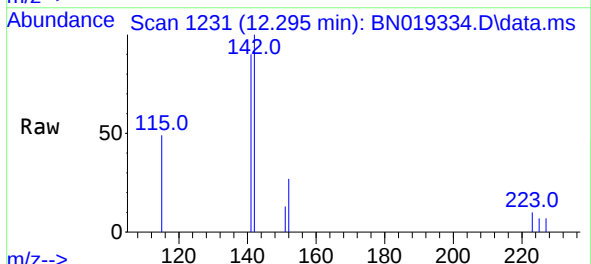
Tgt Ion:152 Resp: 8424
Ion Ratio Lower Upper
152 100
151 19.4 16.5 24.7

Manual Integrations
APPROVED

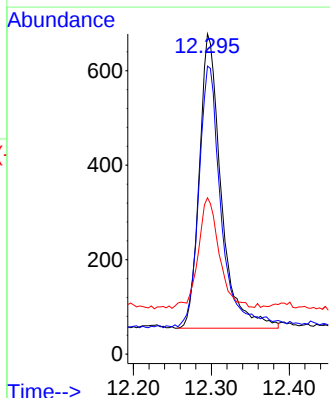
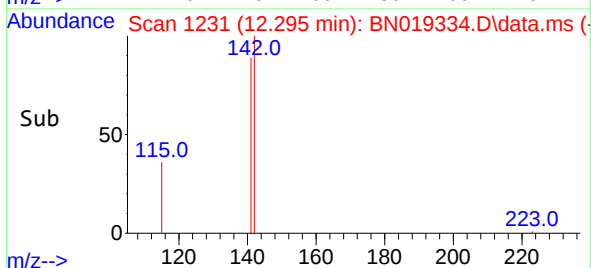
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

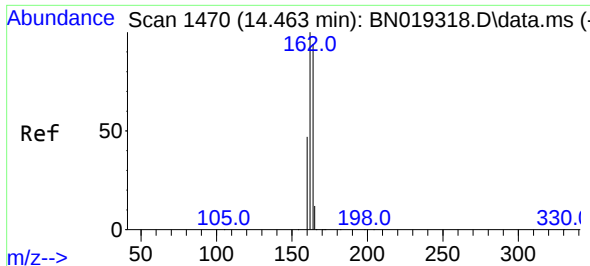


#12
2-Methylnaphthalene
Concen: 0.034 ng
RT: 12.295 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24



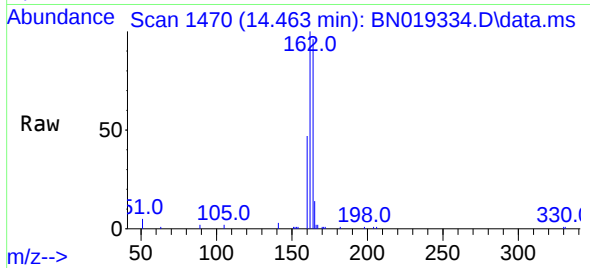
Tgt Ion:142 Resp: 1209
Ion Ratio Lower Upper
142 100
141 90.0 70.0 105.0
115 48.8 29.8 44.8#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

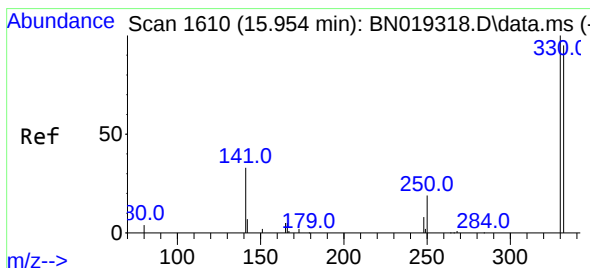
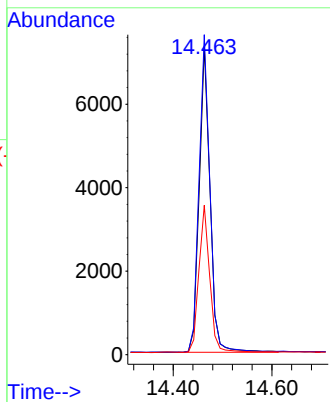
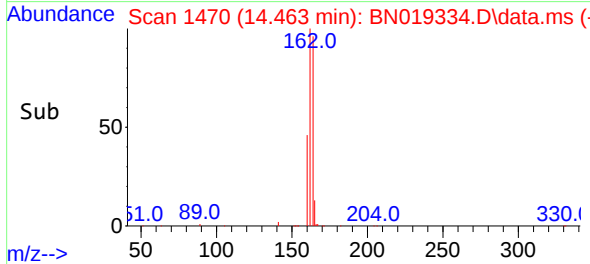
Instrument :
BNA_N
ClientSampleId :
A08015



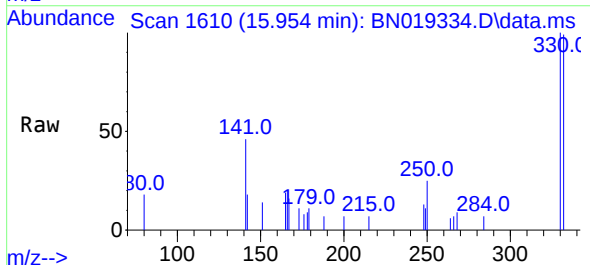
Tgt Ion:164 Resp: 1116
Ion Ratio Lower Upper
164 100
162 103.9 85.2 127.8
160 48.5 41.5 62.3

Manual Integrations
APPROVED

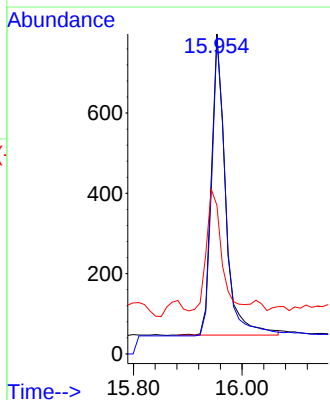
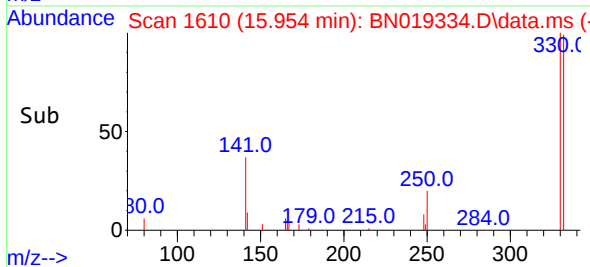
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

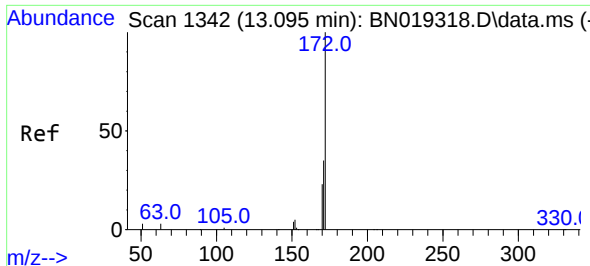


#14
2,4,6-Tribromophenol
Concen: 0.200 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24



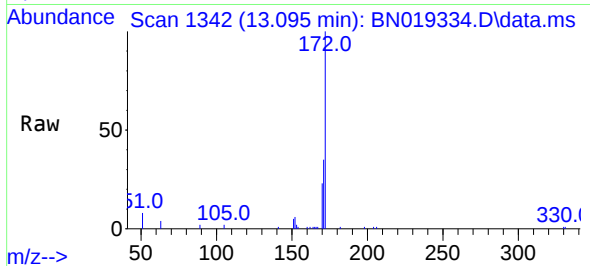
Tgt Ion:330 Resp: 1354
Ion Ratio Lower Upper
330 100
332 97.6 76.8 115.2
141 43.1 32.2 48.2





#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 13.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

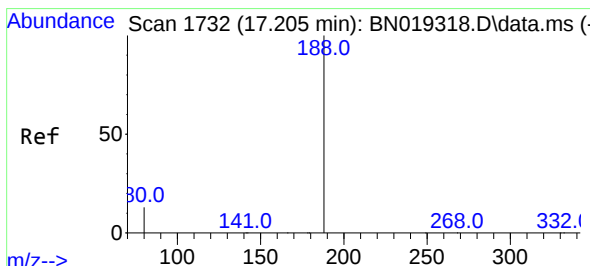
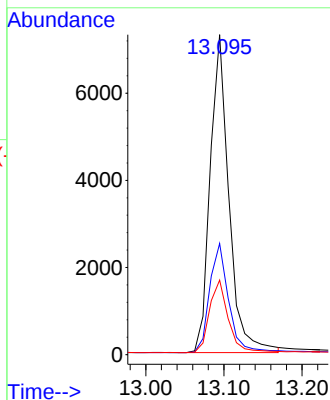
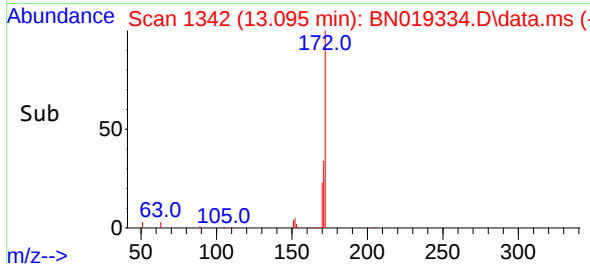
Instrument :
BNA_N
ClientSampleId :
A08015



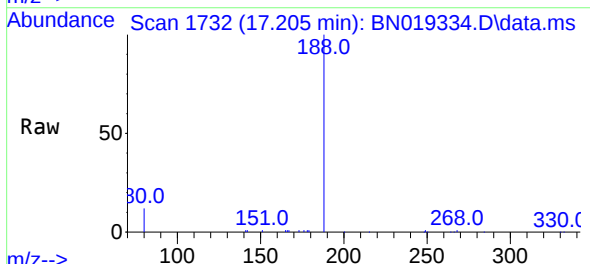
Tgt Ion:172 Resp: 12184
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.3 18.7 28.1

Manual Integrations
APPROVED

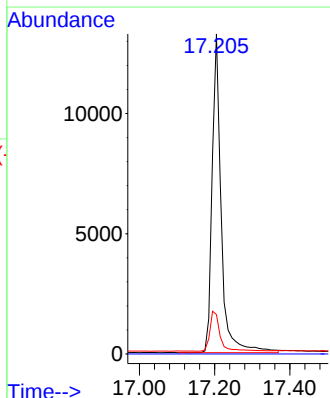
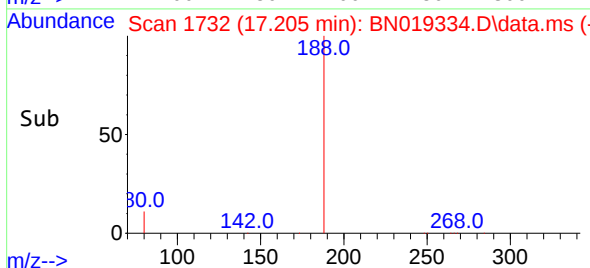
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

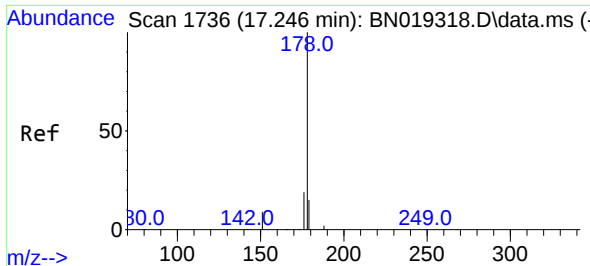


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24



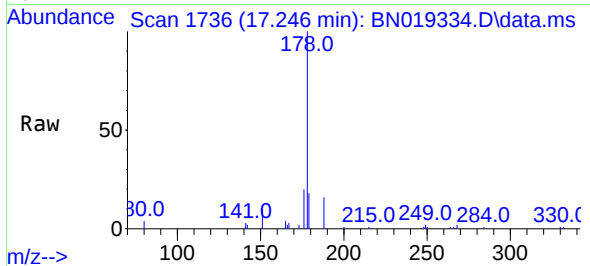
Tgt Ion:188 Resp: 22292
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 11.8 17.8





#25
Phenanthrene
Concen: 0.096 ng
RT: 17.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

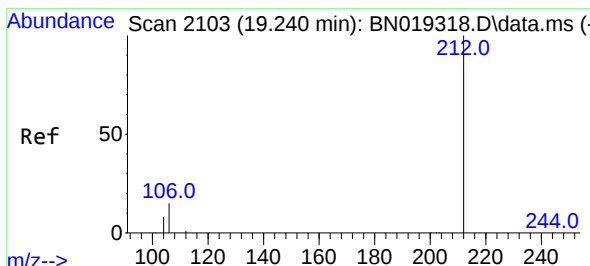
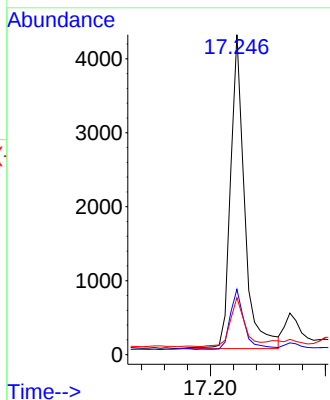
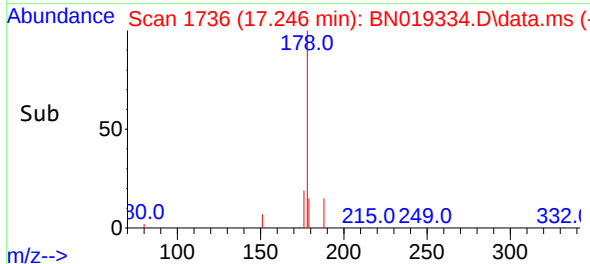
Instrument :
BNA_N
ClientSampleId :
A08015



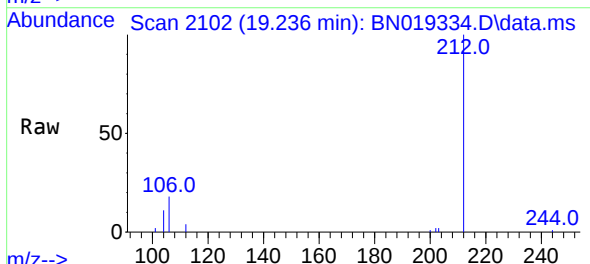
Tgt Ion:178 Resp: 7184
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.7 12.2 18.2

Manual Integrations
APPROVED

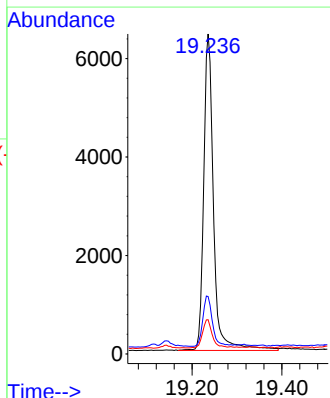
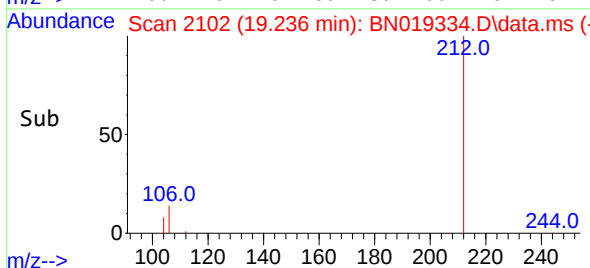
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

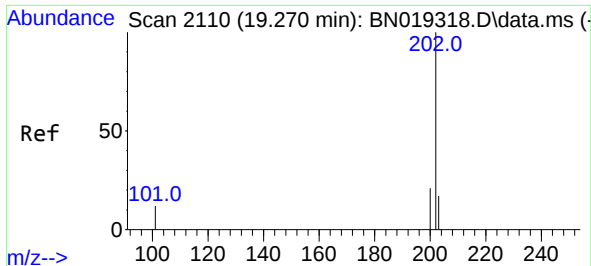


#27
Fluoranthene-d10
Concen: 0.136 ng
RT: 19.236 min Scan# 2102
Delta R.T. -0.004 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24



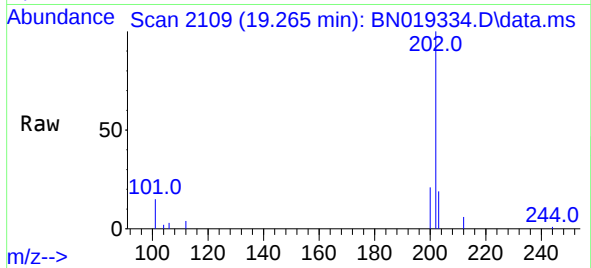
Tgt Ion:212 Resp: 9746
Ion Ratio Lower Upper
212 100
106 15.6 12.7 19.1
104 8.8 7.1 10.7





#28
Fluoranthene
Concen: 0.109 ng
RT: 19.265 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

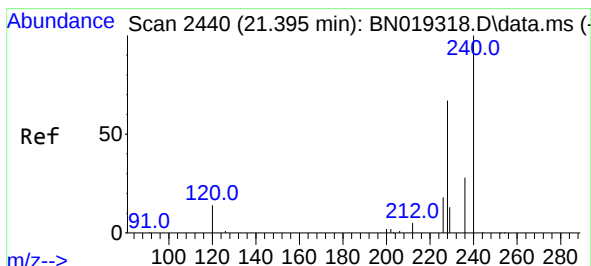
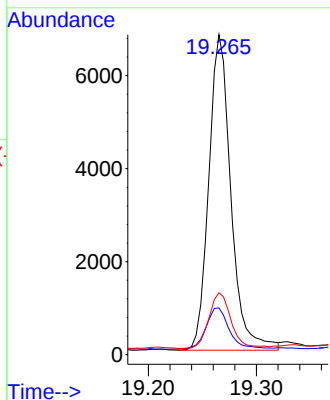
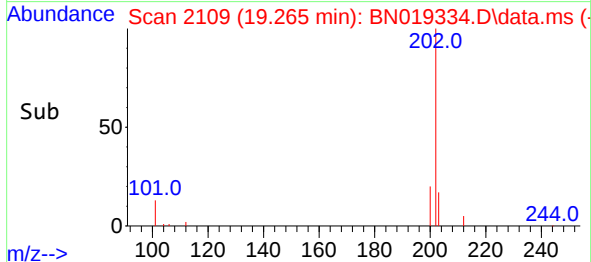
Instrument :
BNA_N
ClientSampleId :
A08015



Tgt Ion:202 Resp: 966
Ion Ratio Lower Upper
202 100
101 13.8 9.8 14.6
203 17.7 13.7 20.5

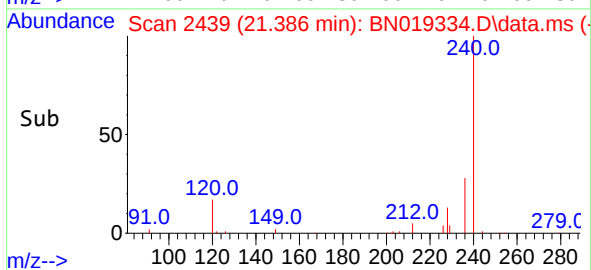
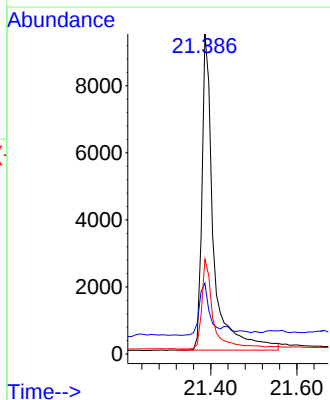
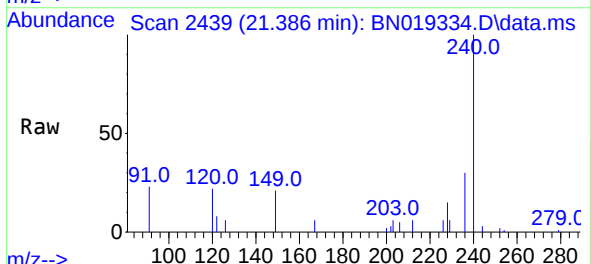
Manual Integrations
APPROVED

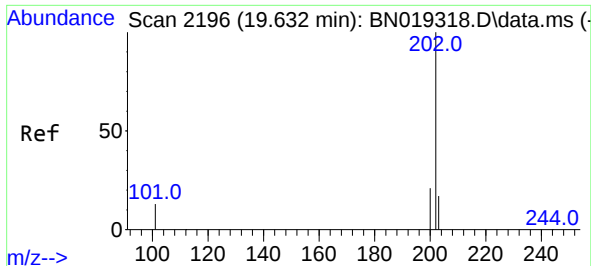
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

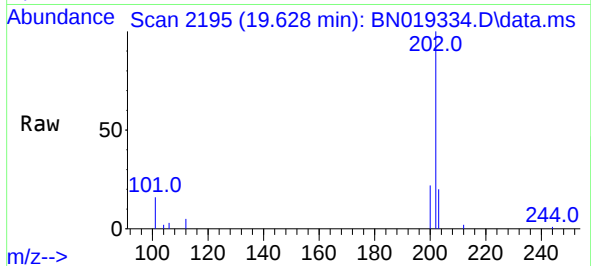
Tgt Ion:240 Resp: 17773
Ion Ratio Lower Upper
240 100
120 22.0 8.5 12.7#
236 29.5 22.4 33.6





#30
Pyrene
Concen: 0.108 ng
RT: 19.628 min Scan# 2196
Delta R.T. -0.004 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

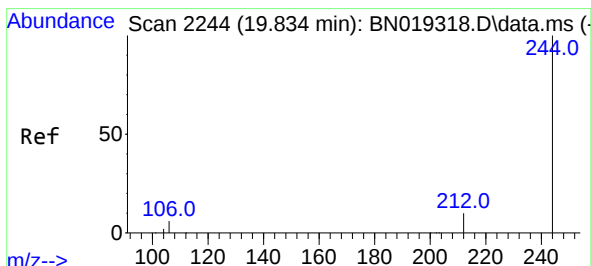
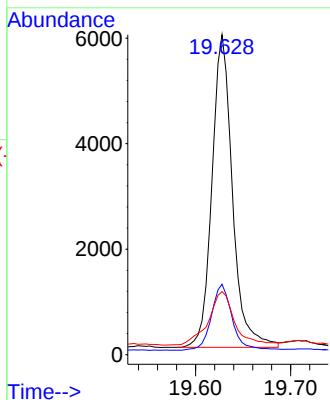
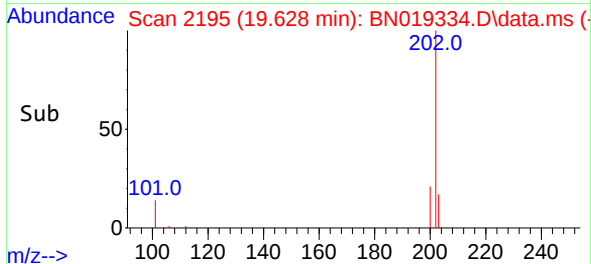
Instrument :
BNA_N
ClientSampleId :
A08015



Tgt Ion:202 Resp: 8890
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 21.7 14.2 21.2

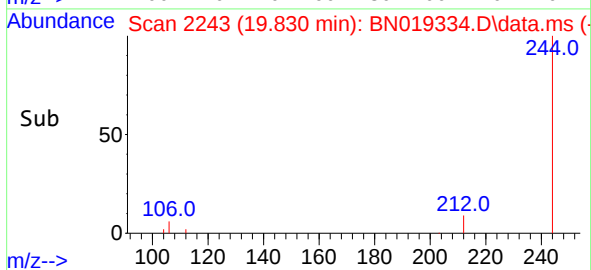
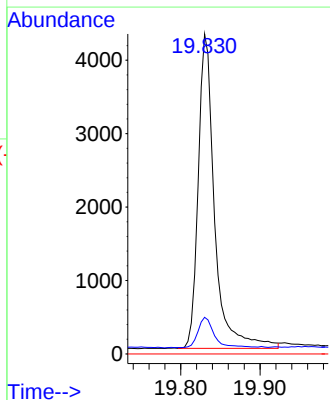
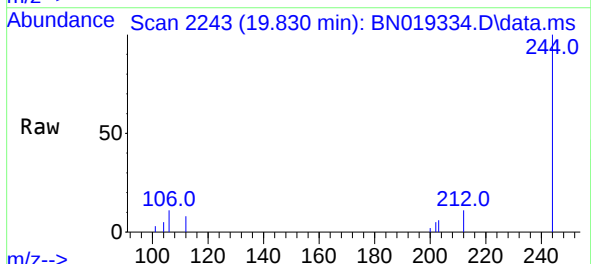
Manual Integrations
APPROVED

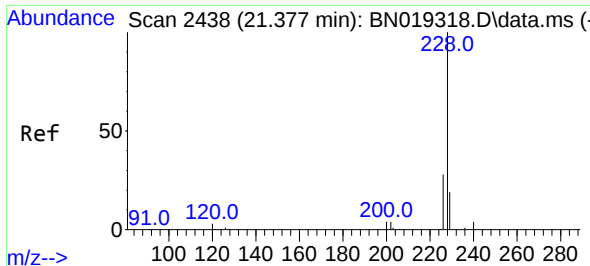
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022



#31
Terphenyl-d14
Concen: 0.160 ng
RT: 19.830 min Scan# 2243
Delta R.T. -0.004 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

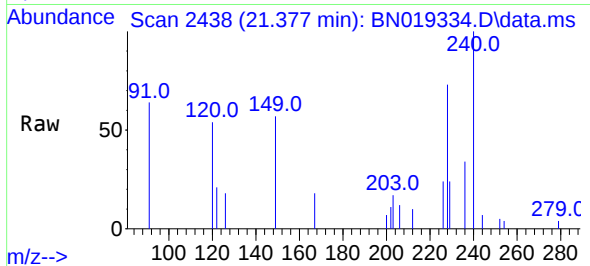
Tgt Ion:244 Resp: 6168
Ion Ratio Lower Upper
244 100
212 11.4 8.2 12.4
122 0.0 0.0 0.0





#32
Benzo(a)anthracene
Concen: 0.063 ng
RT: 21.377 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

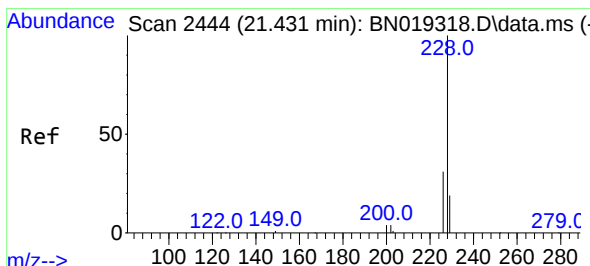
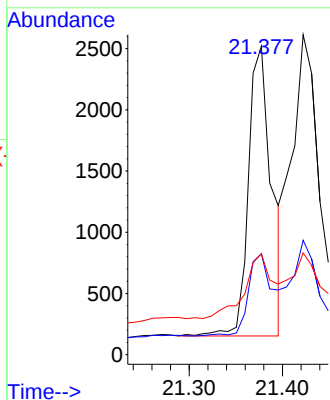
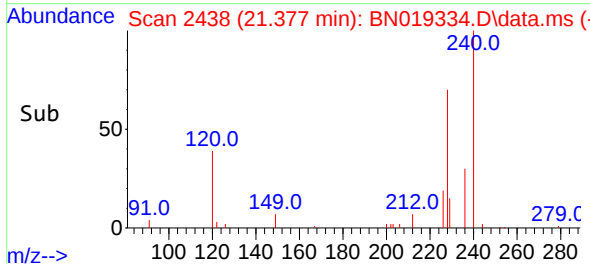
Instrument :
BNA_N
ClientSampleId :
A08015



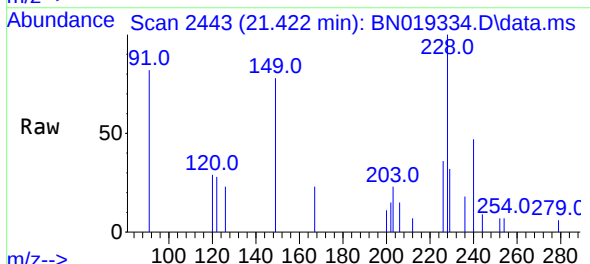
Tgt Ion:228 Resp: 4108
Ion Ratio Lower Upper
228 100
226 32.7 21.9 32.9
229 32.7 16.0 24.0

Manual Integrations
APPROVED

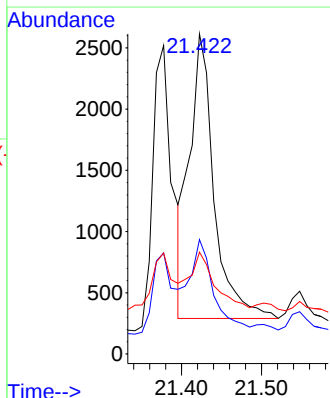
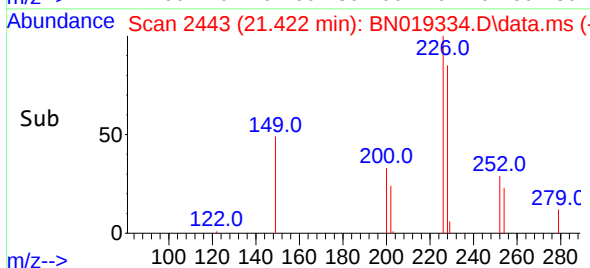
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

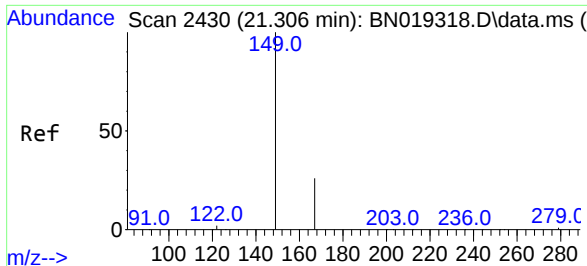


#33
Chrysene
Concen: 0.068 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24



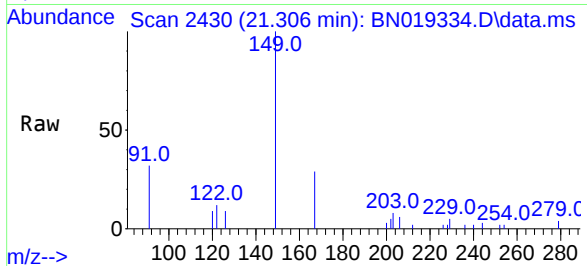
Tgt Ion:228 Resp: 4985
Ion Ratio Lower Upper
228 100
226 35.8 24.0 36.0
229 31.8 15.9 23.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.140 ng
RT: 21.306 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

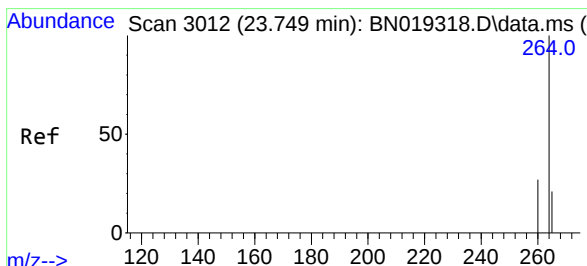
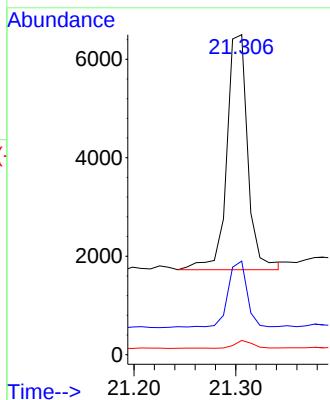
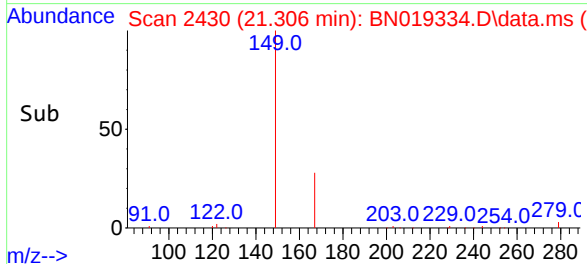
Instrument :
BNA_N
ClientSampleId :
A08015



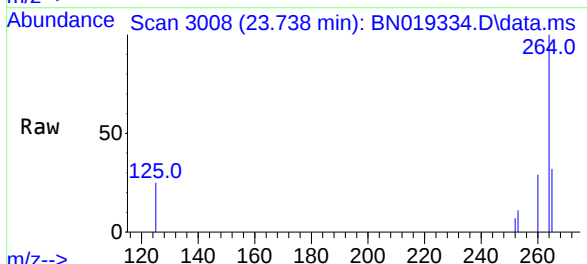
Tgt Ion:149 Resp: 6835
Ion Ratio Lower Upper
149 100
167 26.4 21.8 32.8
279 2.9 2.0 3.0

Manual Integrations
APPROVED

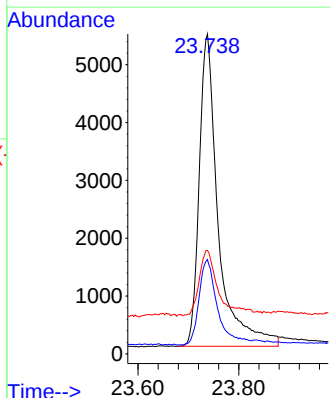
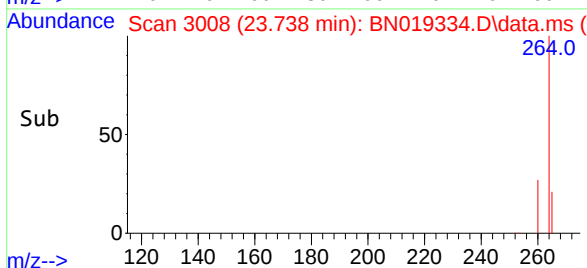
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

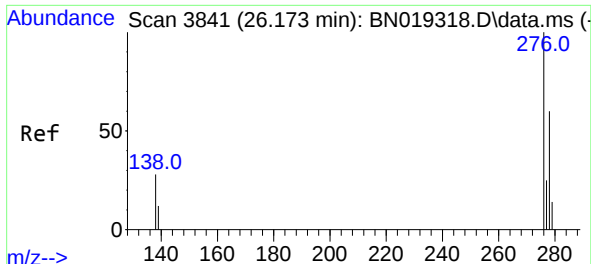


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24



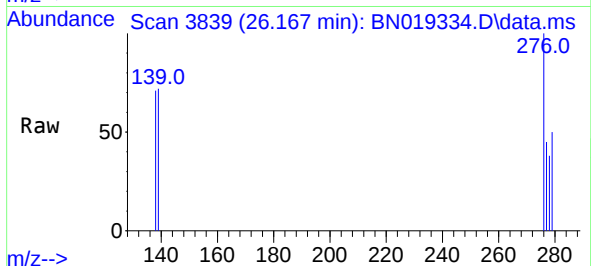
Tgt Ion:264 Resp: 14141
Ion Ratio Lower Upper
264 100
260 29.5 22.4 33.6
265 32.4 25.3 37.9





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng
RT: 26.167 min Scan# 3841
Delta R.T. -0.006 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

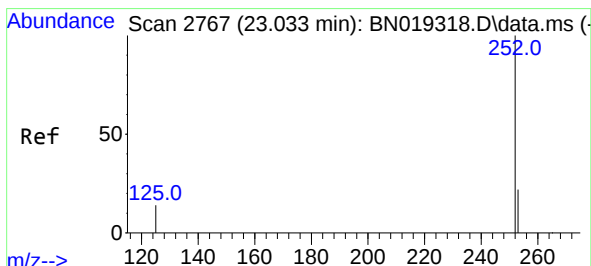
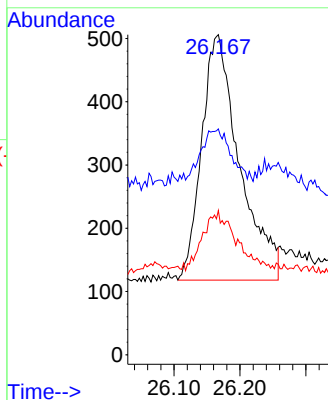
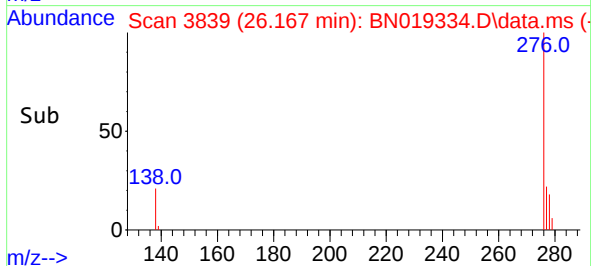
Instrument :
BNA_N
ClientSampleId :
A08015



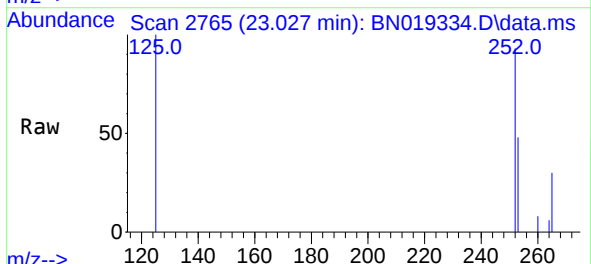
Tgt Ion:276 Resp: 1548
Ion Ratio Lower Upper
276 100
138 16.6 24.5 36.7#
277 12.8 19.8 29.8#

Manual Integrations
APPROVED

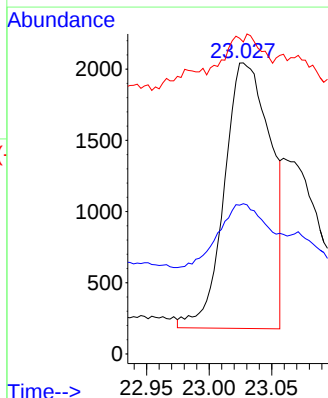
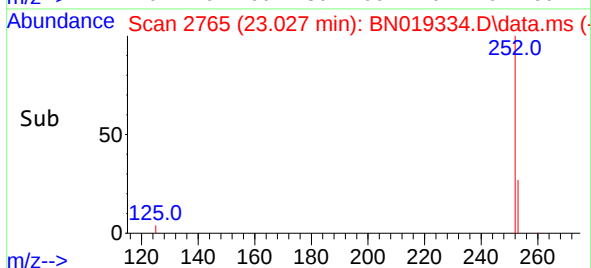
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

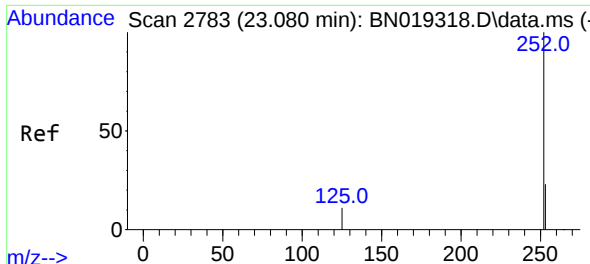


#37
Benzo(b)fluoranthene
Concen: 0.086 ng m
RT: 23.027 min Scan# 2765
Delta R.T. -0.006 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24



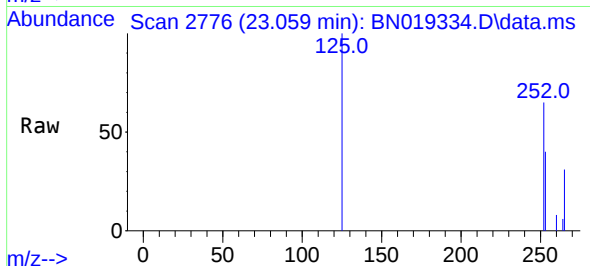
Tgt Ion:252 Resp: 4790
Ion Ratio Lower Upper
252 100
253 51.6 18.9 28.3#
125 107.2 12.1 18.1#





#38
Benzo(k)fluoranthene
Concen: 0.031 ng m
RT: 23.059 min Scan# 21
Delta R.T. -0.021 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

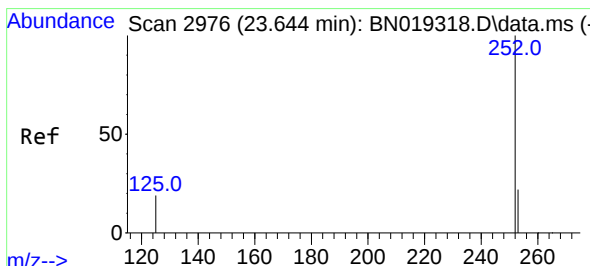
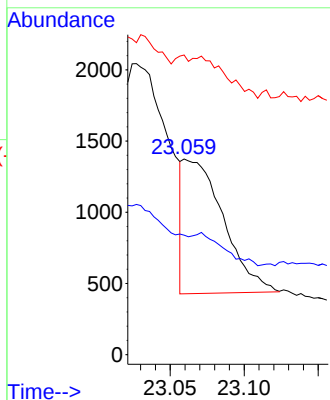
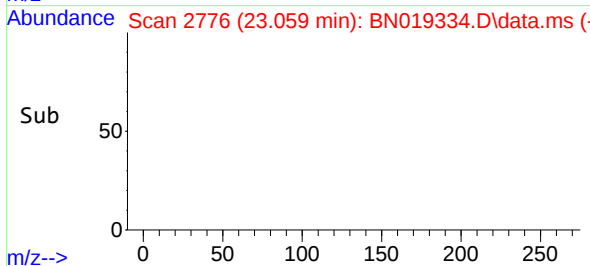
Instrument :
BNA_N
ClientSampleId :
A08015



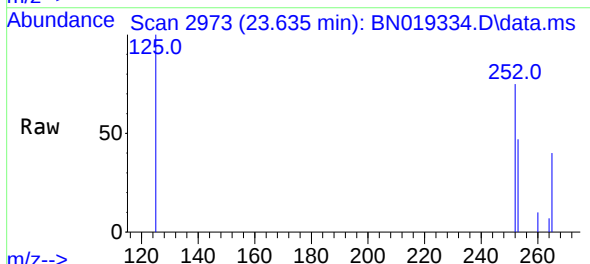
Tgt Ion:252 Resp: 178
Ion Ratio Lower Upper
252 100
253 61.1 18.9 28.3#
125 153.1 10.3 15.5#

Manual Integrations
APPROVED

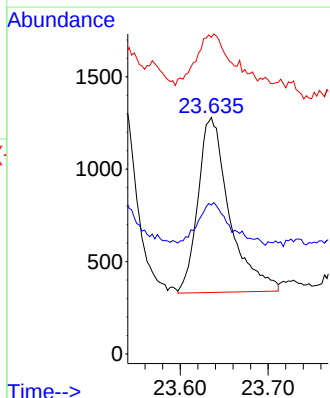
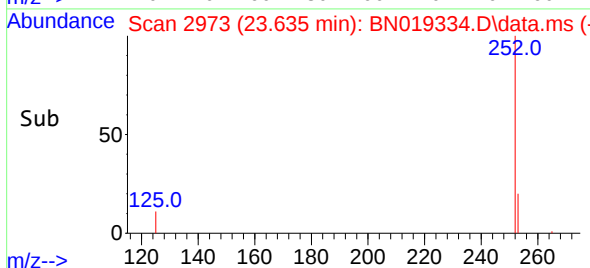
Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

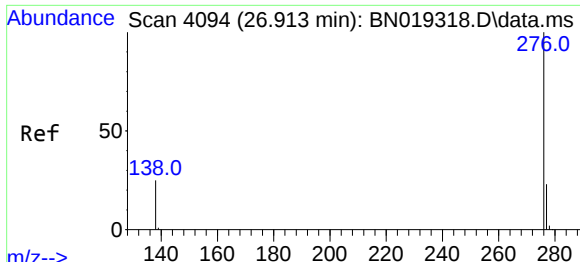


#39
Benzo(a)pyrene
Concen: 0.047 ng
RT: 23.635 min Scan# 2973
Delta R.T. -0.009 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24



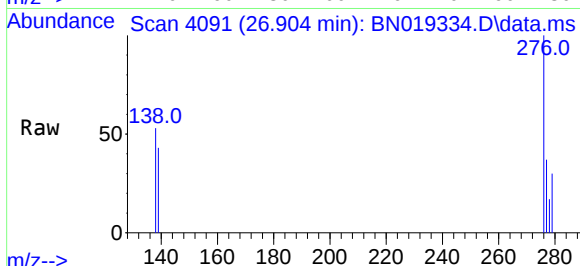
Tgt Ion:252 Resp: 2361
Ion Ratio Lower Upper
252 100
253 63.0 20.1 30.1#
125 133.9 15.2 22.8#





#41
Benzo(g,h,i)perylene
Concen: 0.042 ng
RT: 26.904 min Scan# 4091
Delta R.T. -0.009 min
Lab File: BN019334.D
Acq: 05 Apr 2022 02:24

Instrument :
BNA_N
ClientSampleId :
A08015



Tgt Ion: 276 Resp: 2278

Ion	Ratio	Lower	Upper
276	100		
277	36.8	19.4	29.0
138	53.3	21.0	31.6

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 04/05/2022
Supervised By : Jagrut Upadhyay 04/05/2022

