

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019897.D
 Acq On : 21 May 2022 08:36
 Operator : CG/JU
 Sample : N2843-04MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4H4MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022

Quant Time: May 26 05:24:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	5026	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	16513	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.474	164	9850	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	19332	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	13479	0.400	ng/ul	# 0.00
23) Perylene-d12	23.747	264	10489	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	938	0.158	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	3451	0.138	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	8331	0.195	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.353	88	5485	0.869	ng/ul#	81
5) Naphthalene	10.689	128	24078	0.450	ng/ul	100
7) 2-Methylnaphthalene	12.306	142	22445	0.689	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	19802	0.656	ng/ul#	100
10) Acenaphthylene	14.197	152	20538	0.422	ng/ul	97
11) Acenaphthene	14.539	153	19836	0.507	ng/ul	99
12) Fluorene	15.520	166	18291	0.426	ng/ul	97
14) Pentachlorophenol	16.871	266	526	0.126	ng/ul	90
15) Phenanthrene	17.255	178	200702	2.822	ng/ul	99
16) Anthracene	17.348	178	58421	1.007	ng/ul	99
19) Fluoranthene	19.272	202	420227	6.811	ng/ul	99
20) Pyrene	19.634	202	376501	6.114	ng/ul	99
21) Benzo(a)anthracene	21.385	228	186515	3.702	ng/ul	97
22) Chrysene	21.438	228	185654	3.127	ng/ul	96
24) Benzo(b)fluoranthene	23.036	252	248504m	4.669	ng/ul	
25) Benzo(k)fluoranthene	23.077	252	98231m	1.916	ng/ul	
26) Benzo(a)pyrene	23.642	252	185321	4.088	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.158	276	144273	2.551	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.171	278	39027	0.825	ng/ul#	77
29) Benzo(g,h,i)perylene	26.899	276	108093	2.091	ng/ul	95

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

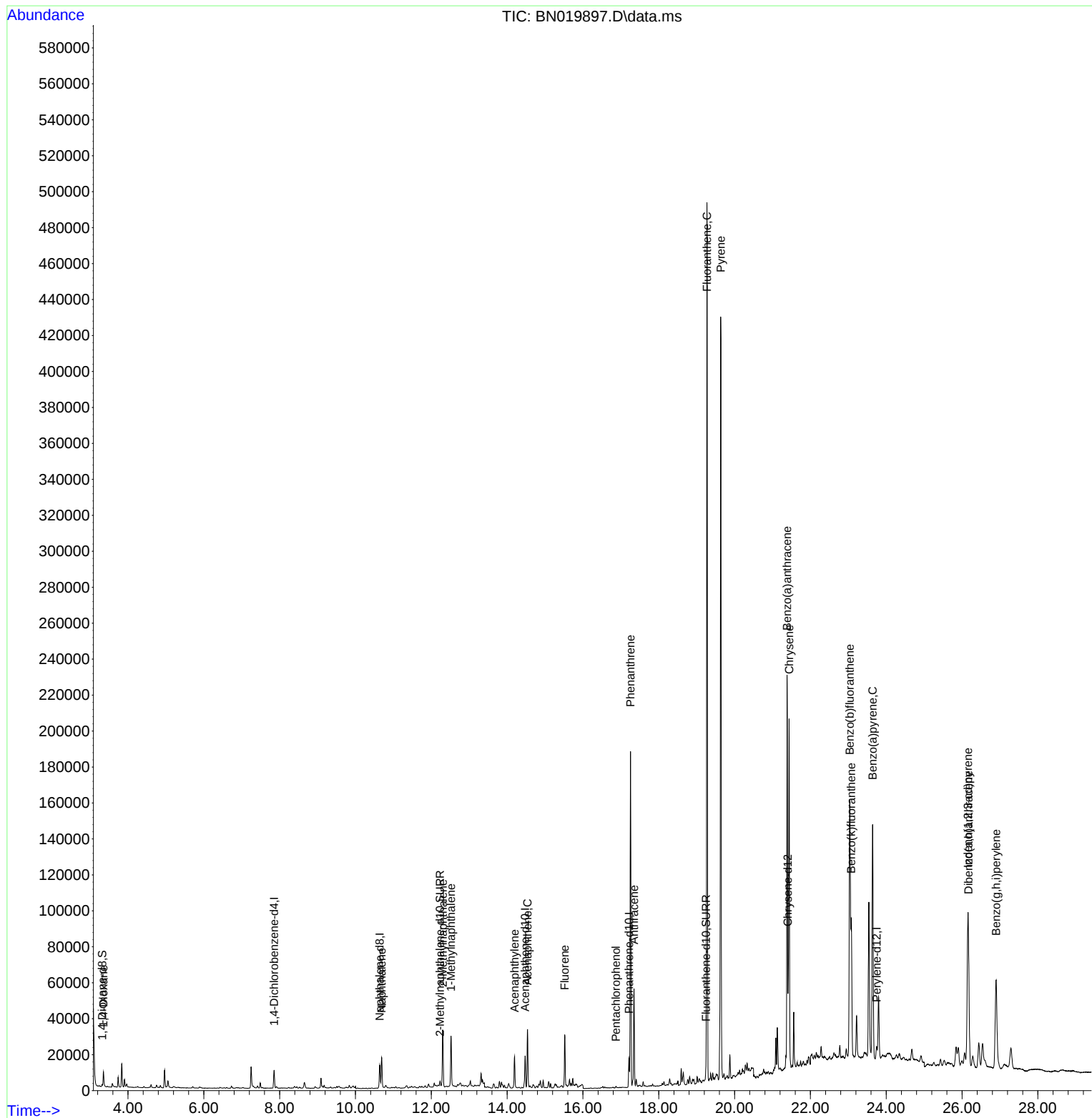
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
Data File : BN019897.D
Acq On : 21 May 2022 08:36
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Misc :
ALS Vial : 37 Sample Multiplier: 1

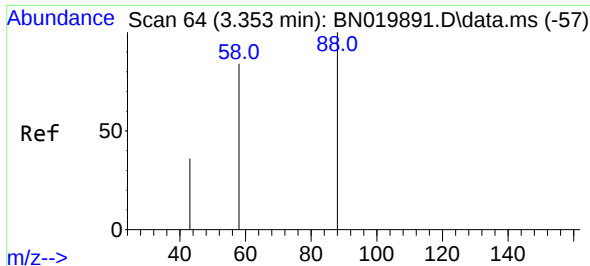
Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Quant Time: May 26 05:24:21 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration

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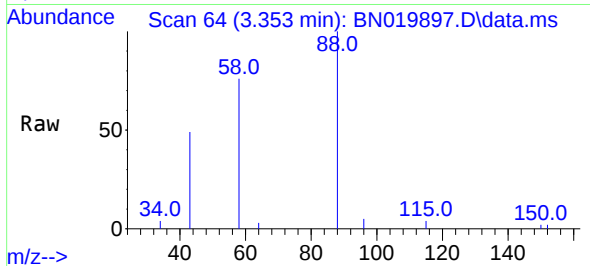
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022





#2
1,4-Dioxane
Concen: 0.869 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

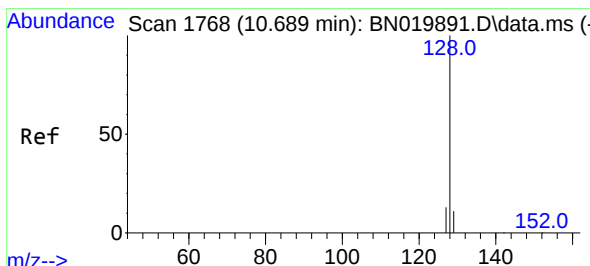
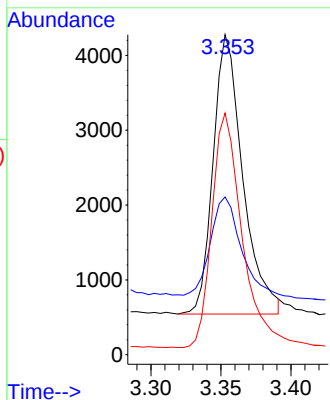
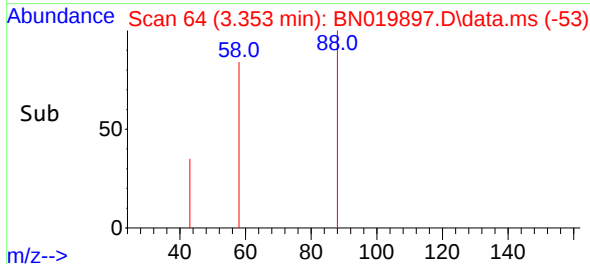
Instrument :
BNA_N
ClientSampleId :
EW4H4MSD



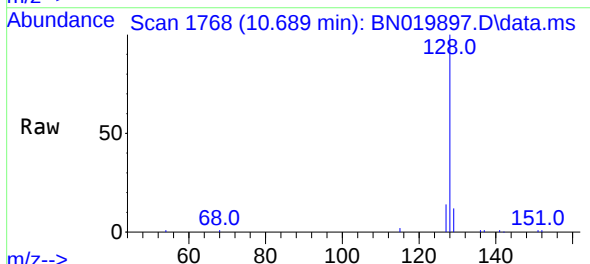
Tgt Ion: 88 Resp: 548
Ion Ratio Lower Upper
88 100
43 49.3 39.0 58.4
58 75.5 39.8 59.8

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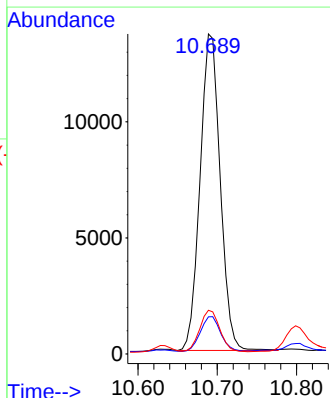
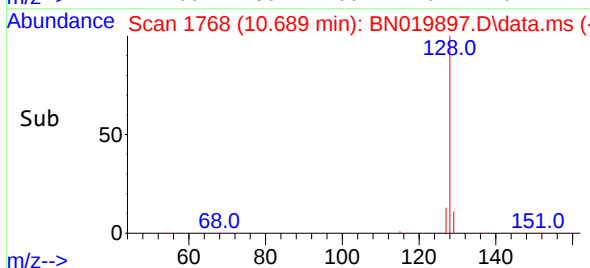
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

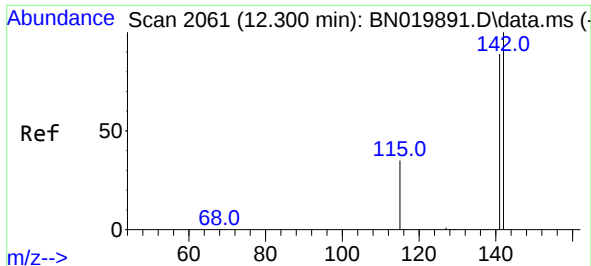


#5
Naphthalene
Concen: 0.450 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36



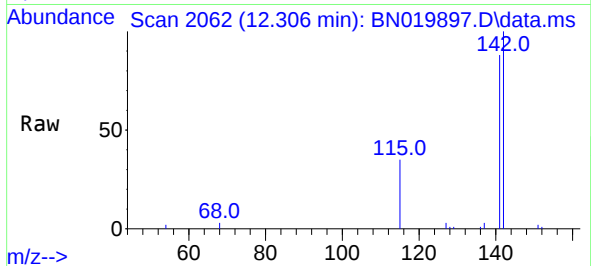
Tgt Ion:128 Resp: 24078
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.6 11.0 16.4





#7
2-Methylnaphthalene
Concen: 0.689 ng/ul
RT: 12.306 min Scan# 2061
Delta R.T. 0.000 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

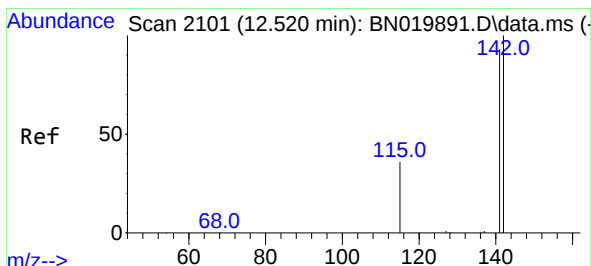
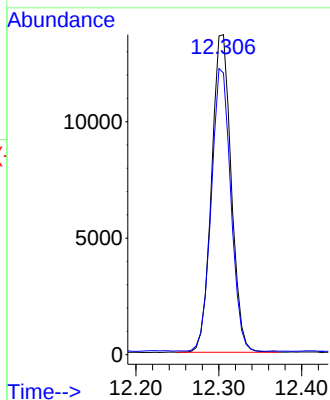
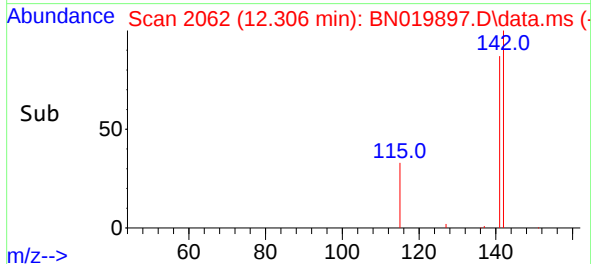
Instrument :
BNA_N
ClientSampleId :
EW4H4MSD



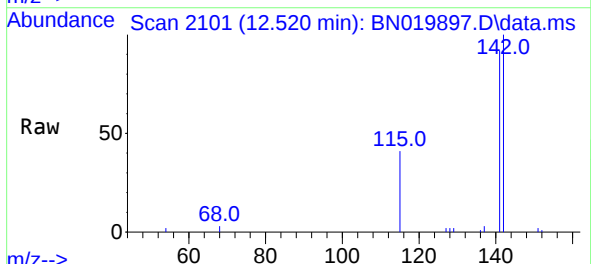
Tgt Ion:142 Resp: 22449
Ion Ratio Lower Upper
142 100
141 88.2 0.0 0.0

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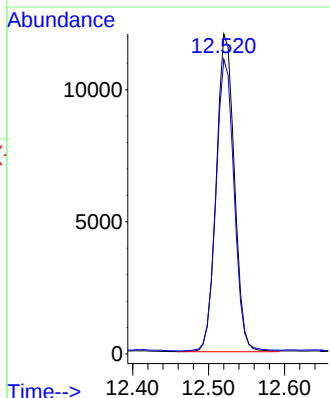
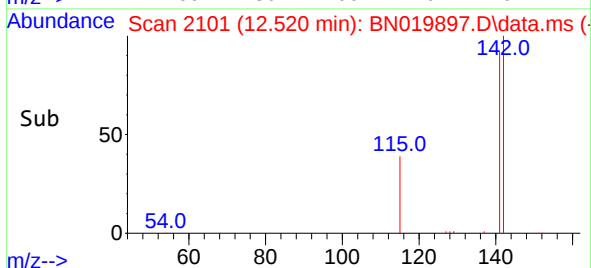
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

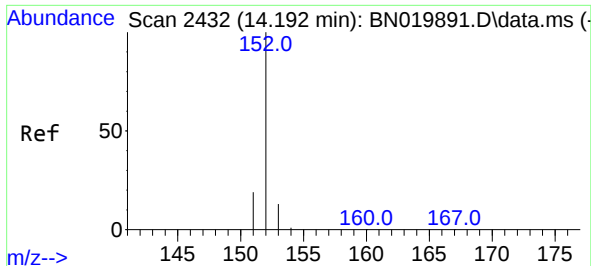


#8
1-Methylnaphthalene
Concen: 0.656 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36



Tgt Ion:142 Resp: 19802
Ion Ratio Lower Upper
142 100
141 92.3 0.0 0.0





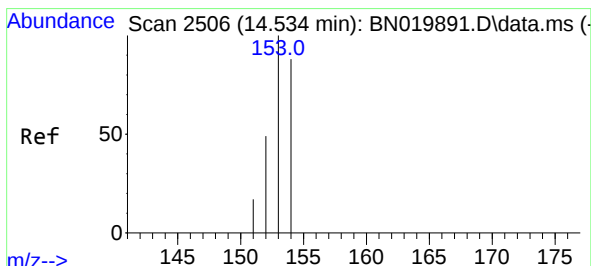
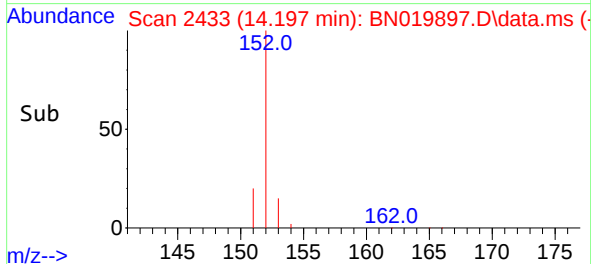
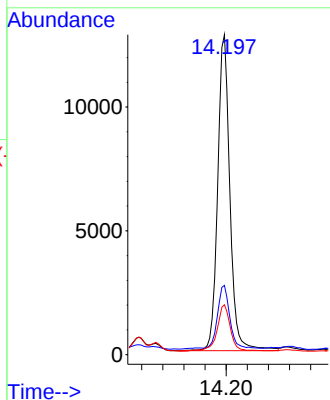
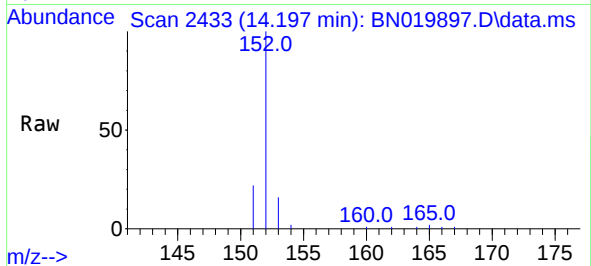
#10
Acenaphthylene
Concen: 0.422 ng/u1
RT: 14.197 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Tgt Ion:152 Resp: 20538
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 15.6 11.1 16.7

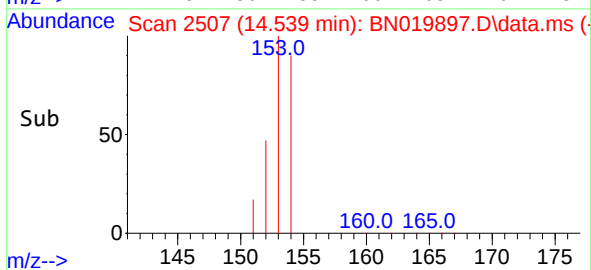
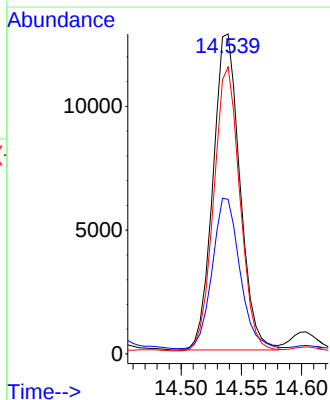
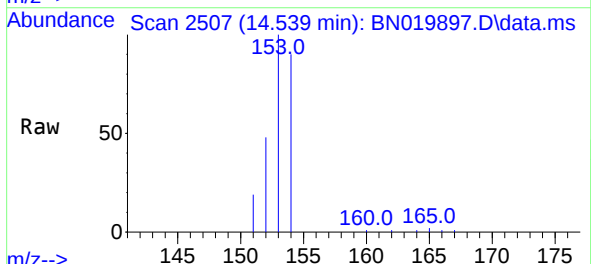
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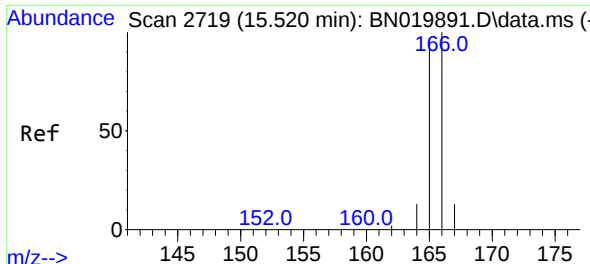
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#11
Acenaphthene
Concen: 0.507 ng/u1
RT: 14.539 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

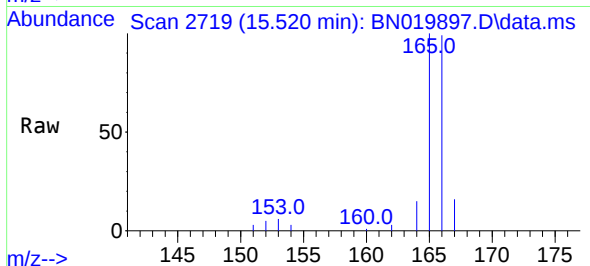
Tgt Ion:153 Resp: 19836
Ion Ratio Lower Upper
153 100
152 48.3 38.6 57.8
154 89.7 71.2 106.8





#12
Fluorene
Concen: 0.426 ng/ul
RT: 15.520 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

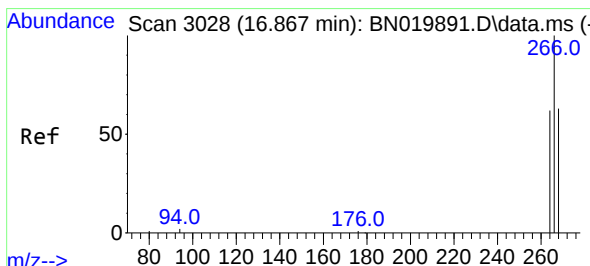
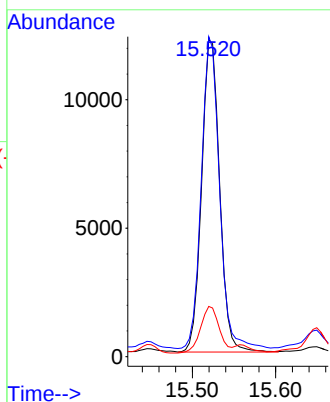
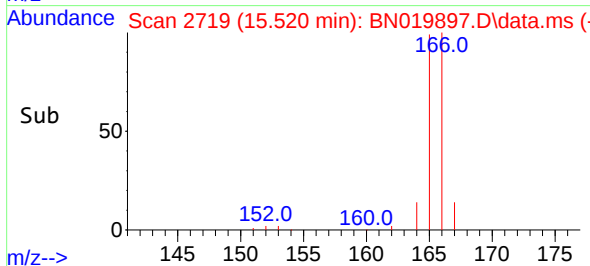
Instrument :
BNA_N
ClientSampleId :
EW4H4MSD



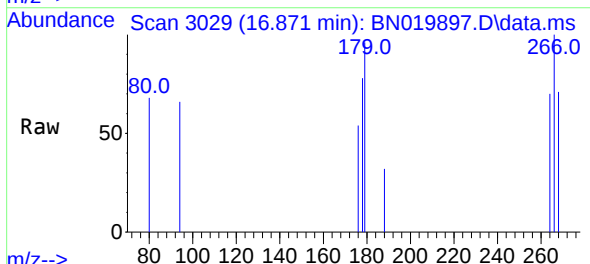
Tgt Ion:166 Resp: 1829
Ion Ratio Lower Upper
166 100
165 100.9 78.2 117.2
167 15.8 11.3 16.9

Manual Integrations
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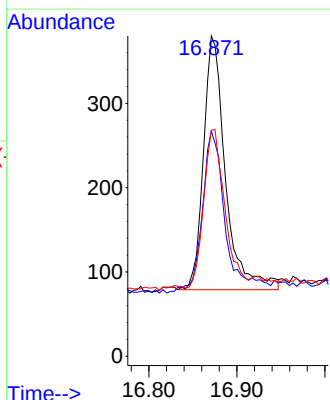
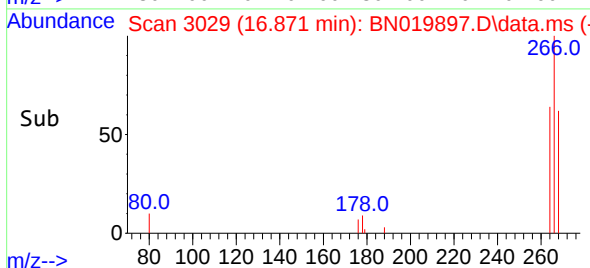
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

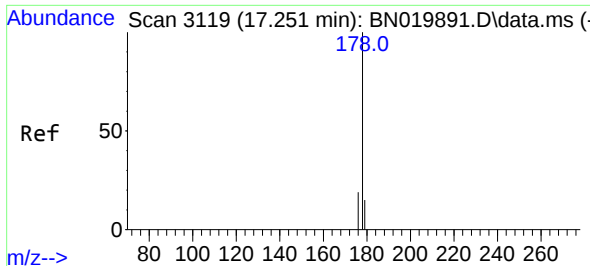


#14
Pentachlorophenol
Concen: 0.126 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. 0.004 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36



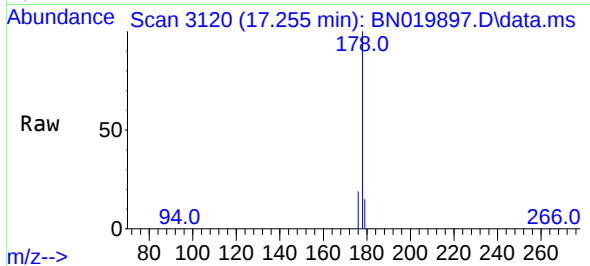
Tgt Ion:266 Resp: 526
Ion Ratio Lower Upper
266 100
264 67.3 44.9 67.3
268 59.7 44.6 67.0





#15
Phenanthrene
Concen: 2.822 ng/ul
RT: 17.255 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

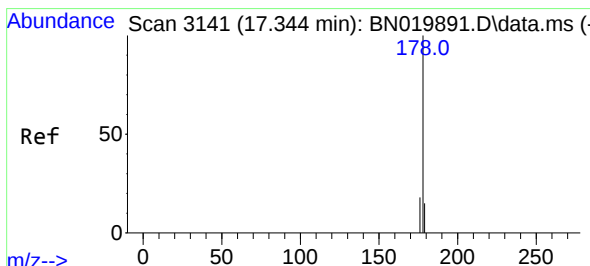
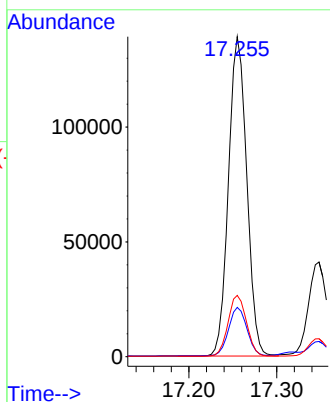
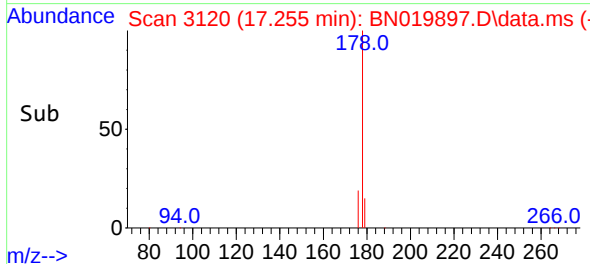
Instrument :
BNA_N
ClientSampleId :
EW4H4MSD



Tgt Ion:178 Resp: 200702
Ion Ratio Lower Upper
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179 15.4 12.9 19.3
176 19.2 15.5 23.3

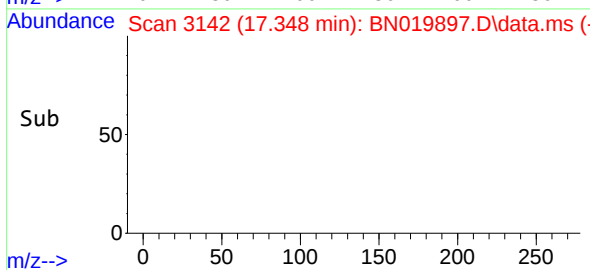
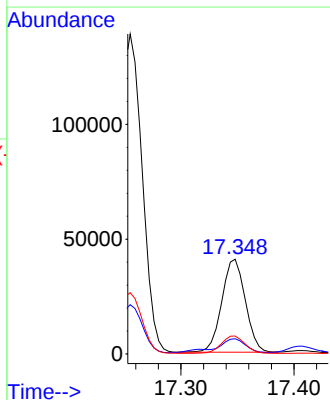
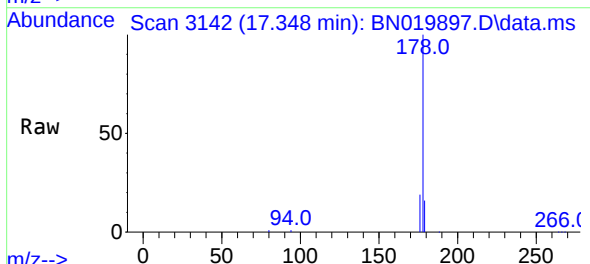
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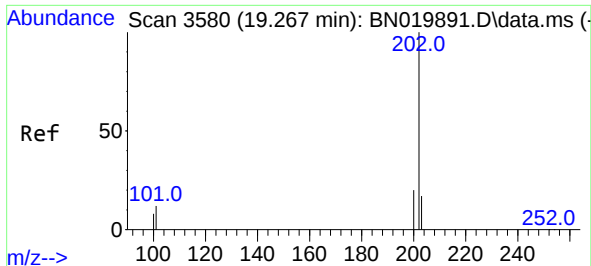
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#16
Anthracene
Concen: 1.007 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Tgt Ion:178 Resp: 58421
Ion Ratio Lower Upper
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179 16.1 13.1 19.7
176 19.0 15.3 22.9





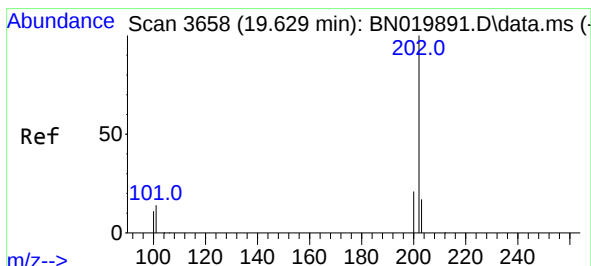
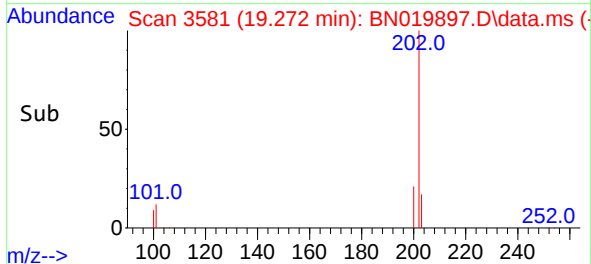
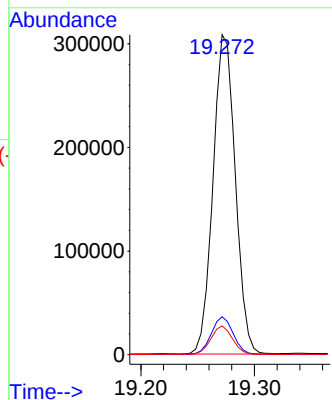
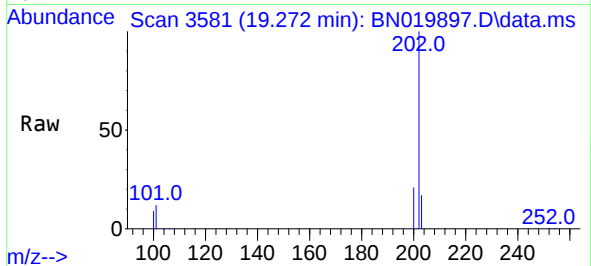
#19
Fluoranthene
Concen: 6.811 ng/u1
RT: 19.272 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Tgt Ion:202 Resp: 42022
Ion Ratio Lower Upper
202 100
101 11.8 9.7 14.5
100 9.0 7.4 11.2

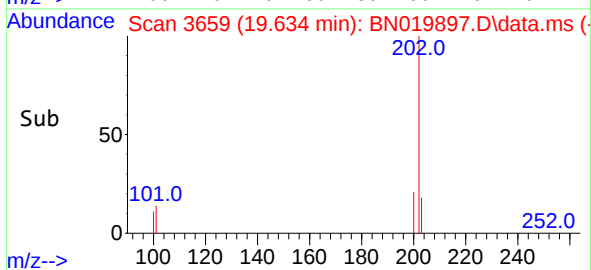
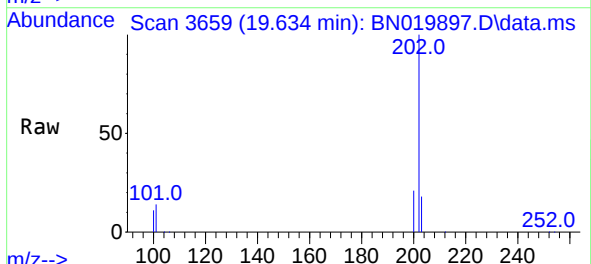
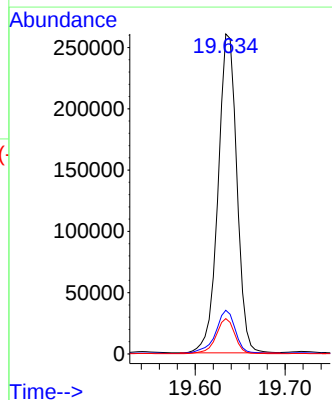
Manual Integrations
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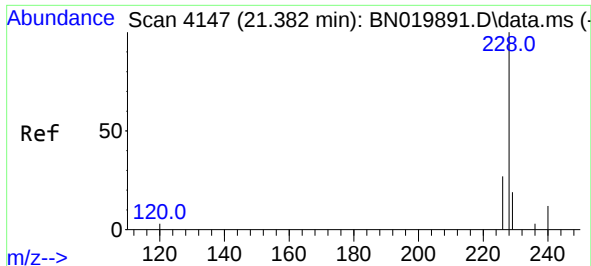
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#20
Pyrene
Concen: 6.114 ng/u1
RT: 19.634 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

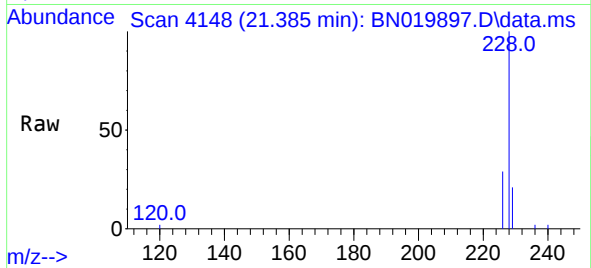
Tgt Ion:202 Resp: 376501
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 11.0 9.0 13.4





#21
Benzo(a)anthracene
Concen: 3.702 ng/u1
RT: 21.385 min Scan# 4147
Delta R.T. -0.003 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

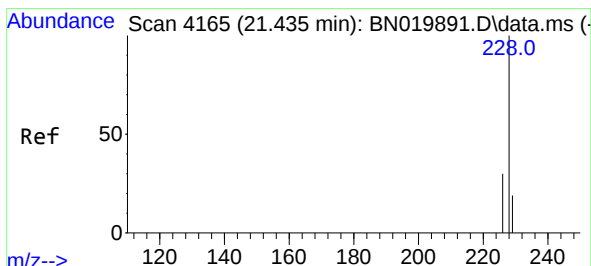
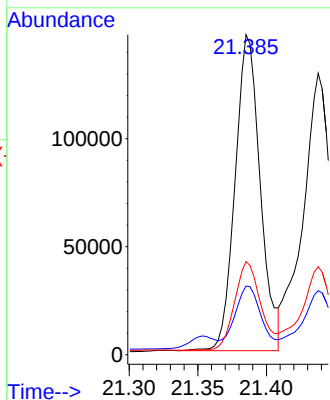
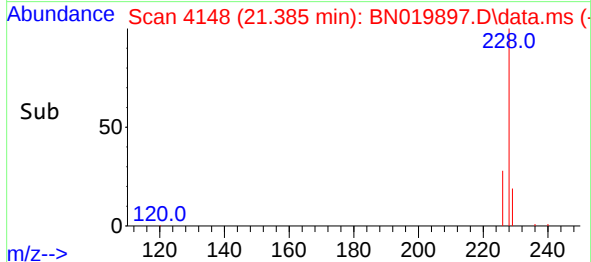
Instrument :
BNA_N
ClientSampleId :
EW4H4MSD



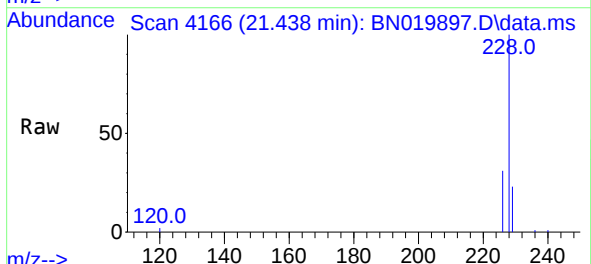
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226 29.1 22.1 33.1

Manual Integrations
APPROVED

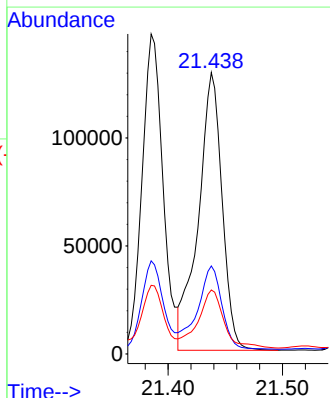
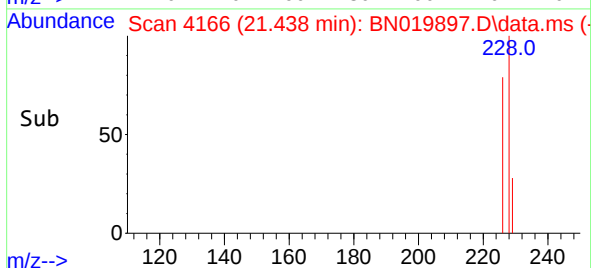
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

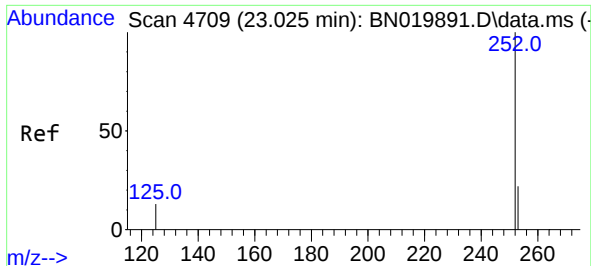


#22
Chrysene
Concen: 3.127 ng/u1
RT: 21.438 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36



Tgt Ion:228 Resp: 185654
Ion Ratio Lower Upper
228 100
226 31.3 24.2 36.2
229 22.7 16.0 24.0





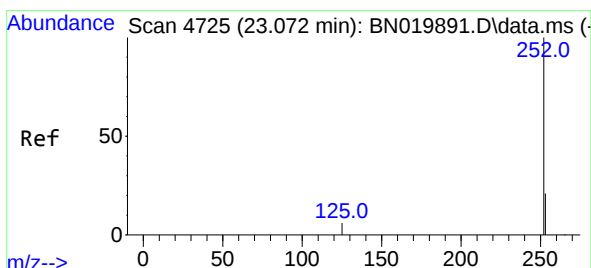
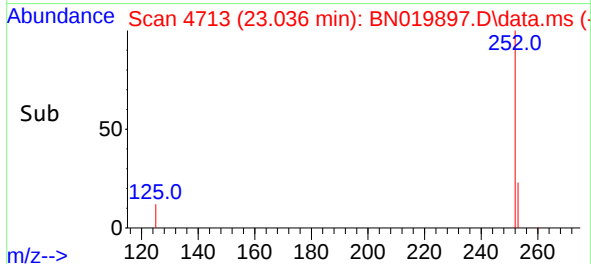
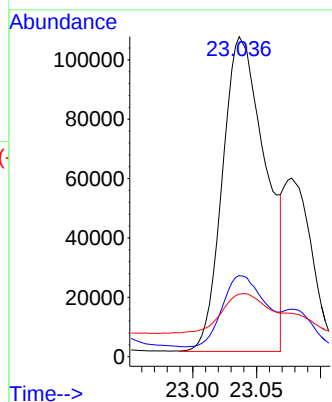
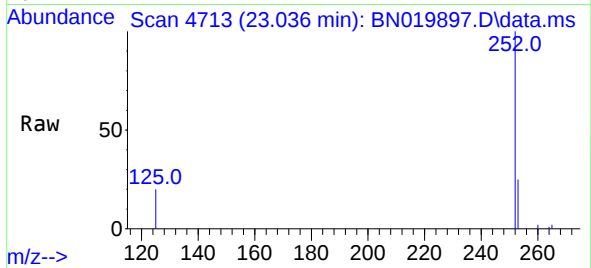
#24
Benzo(b)fluoranthene
Concen: 4.669 ng/ul m
RT: 23.036 min Scan# 4713
Delta R.T. 0.003 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Tgt Ion:252 Resp: 248504
Ion Ratio Lower Upper
252 100
253 25.4 0.0 52.0
125 19.6 0.0 40.2

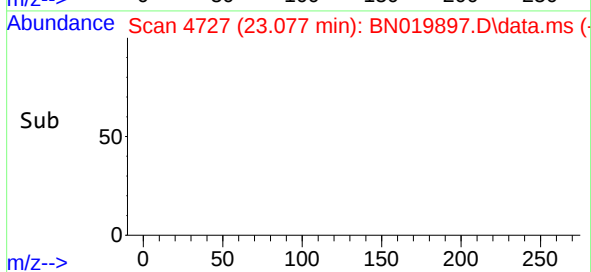
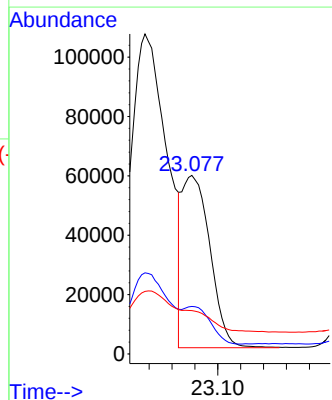
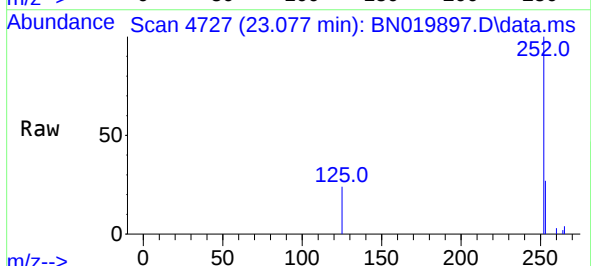
Manual Integrations
APPROVED

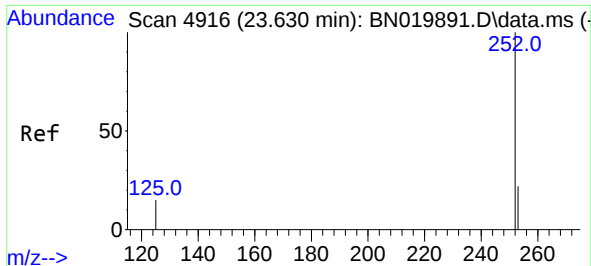
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#25
Benzo(k)fluoranthene
Concen: 1.916 ng/ul m
RT: 23.077 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Tgt Ion:252 Resp: 98231
Ion Ratio Lower Upper
252 100
253 26.7 20.2 30.2
125 24.3 11.0 16.6#





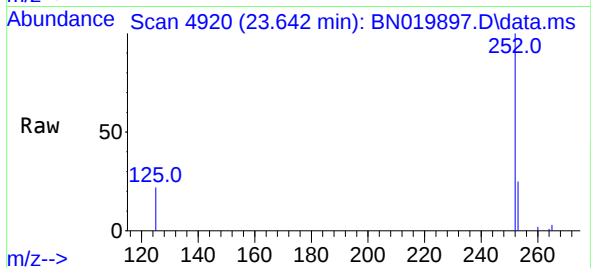
#26
Benzo(a)pyrene
Concen: 4.088 ng/ul
RT: 23.642 min Scan# 4916
Delta R.T. 0.003 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :

BNA_N

ClientSampleId :

EW4H4MSD

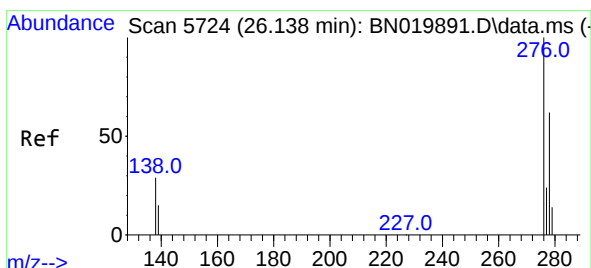
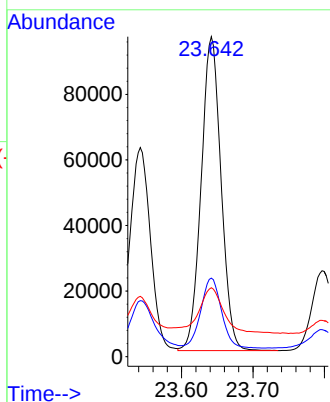
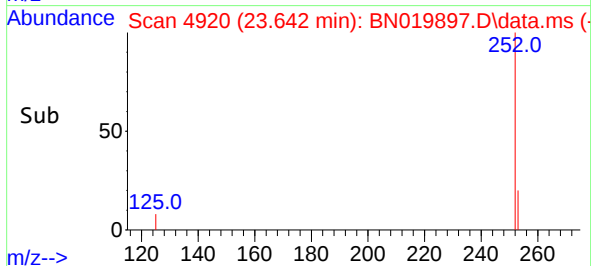


Tgt Ion:252 Resp: 18532
Ion Ratio Lower Upper
252 100
253 24.6 23.4 35.0
125 21.5 28.3 42.5

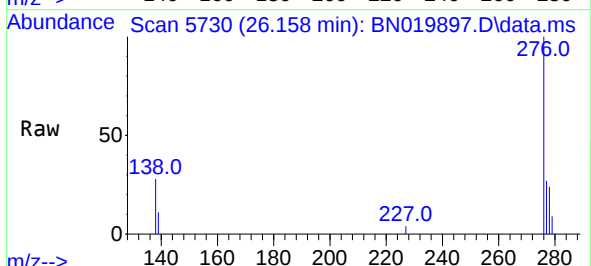
Manual Integrations

APPROVED

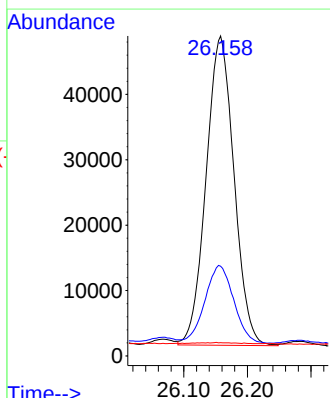
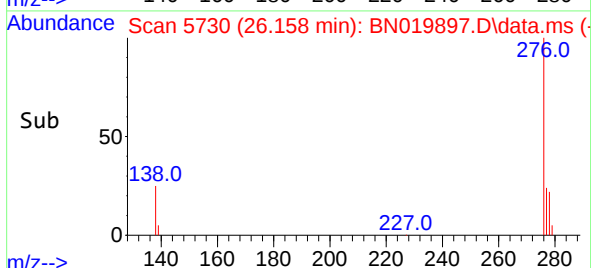
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

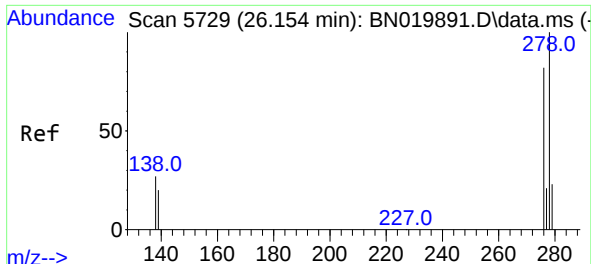


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.551 ng/ul
RT: 26.158 min Scan# 5730
Delta R.T. 0.010 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36



Tgt Ion:276 Resp: 144273
Ion Ratio Lower Upper
276 100
138 25.8 23.6 35.4
227 0.9 0.0 0.0





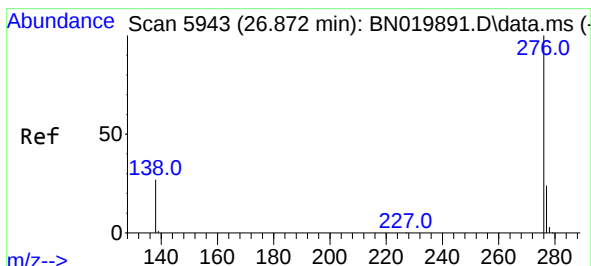
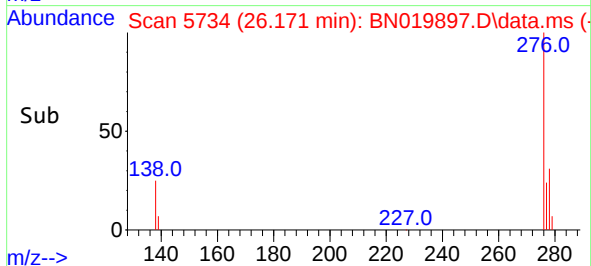
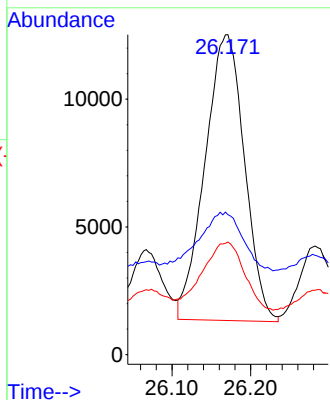
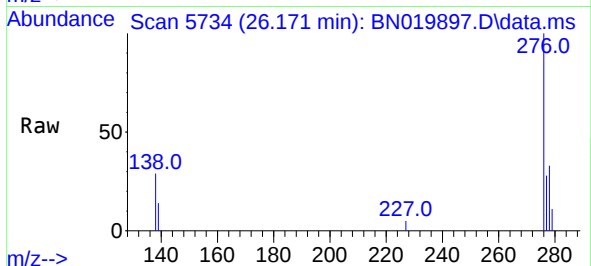
#28
Dibenzo(a,h)anthracene
Concen: 0.825 ng/ul
RT: 26.171 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Instrument :
BNA_N
ClientSampleId :
EW4H4MSD

Tgt Ion:278 Resp: 3902
Ion Ratio Lower Upper
278 100
139 43.8 18.6 28.0
279 35.2 35.1 52.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#29
Benzo(g,h,i)perylene
Concen: 2.091 ng/ul
RT: 26.899 min Scan# 5951
Delta R.T. 0.020 min
Lab File: BN019897.D
Acq: 21 May 2022 08:36

Tgt Ion:276 Resp: 108093
Ion Ratio Lower Upper
276 100
138 29.2 20.9 31.3
277 27.2 20.4 30.6

