

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062122\
 Data File : BN020308.D
 Acq On : 21 Jun 2022 15:26
 Operator : CG/JU
 Sample : N3313-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YB7L2MSD

Quant Time: Jun 22 00:08:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:13:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/22/2022
 Supervised By :mohammad ahmed 06/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	639	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	2273	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	1618	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.166	188	4208	0.400	ng/ul	0.00
17) Chrysene-d12	21.353	240	6800	0.400	ng/ul	0.00
23) Perylene-d12	23.662	264	8085	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.231	96	466m	0.639	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	12.179	152	1457	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.192	212	6101	0.435	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	1646	2.344	ng/ul#	1
5) Naphthalene	10.634	128	2419	0.333	ng/ul	96
7) 2-Methylnaphthalene	12.250	142	1531	0.326	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	1696	0.367	ng/ul	100
10) Acenaphthylene	14.141	152	2689	0.347	ng/ul	97
11) Acenaphthene	14.483	153	2166	0.293	ng/ul	98
12) Fluorene	15.473	166	2667	0.348	ng/ul	100
14) Pentachlorophenol	16.829	266	349	0.432	ng/ul	95
15) Phenanthrene	17.204	178	5342	0.351	ng/ul	99
16) Anthracene	17.297	178	4309	0.334	ng/ul	99
19) Fluoranthene	19.220	202	7841	0.286	ng/ul	96
20) Pyrene	19.583	202	8489	0.285	ng/ul	100
21) Benzo(a)anthracene	21.335	228	8265	0.313	ng/ul	99
22) Chrysene	21.388	228	9751	0.297	ng/ul	100
24) Benzo(b)fluoranthene	22.963	252	11563	0.200	ng/ul	95
25) Benzo(k)fluoranthene	23.007	252	11576	0.215	ng/ul	97
26) Benzo(a)pyrene	23.560	252	11375	0.311	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.027	276	15895	0.267	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.044	278	13246	0.279	ng/ul	98
29) Benzo(g,h,i)perylene	26.755	276	14433	0.275	ng/ul	99

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

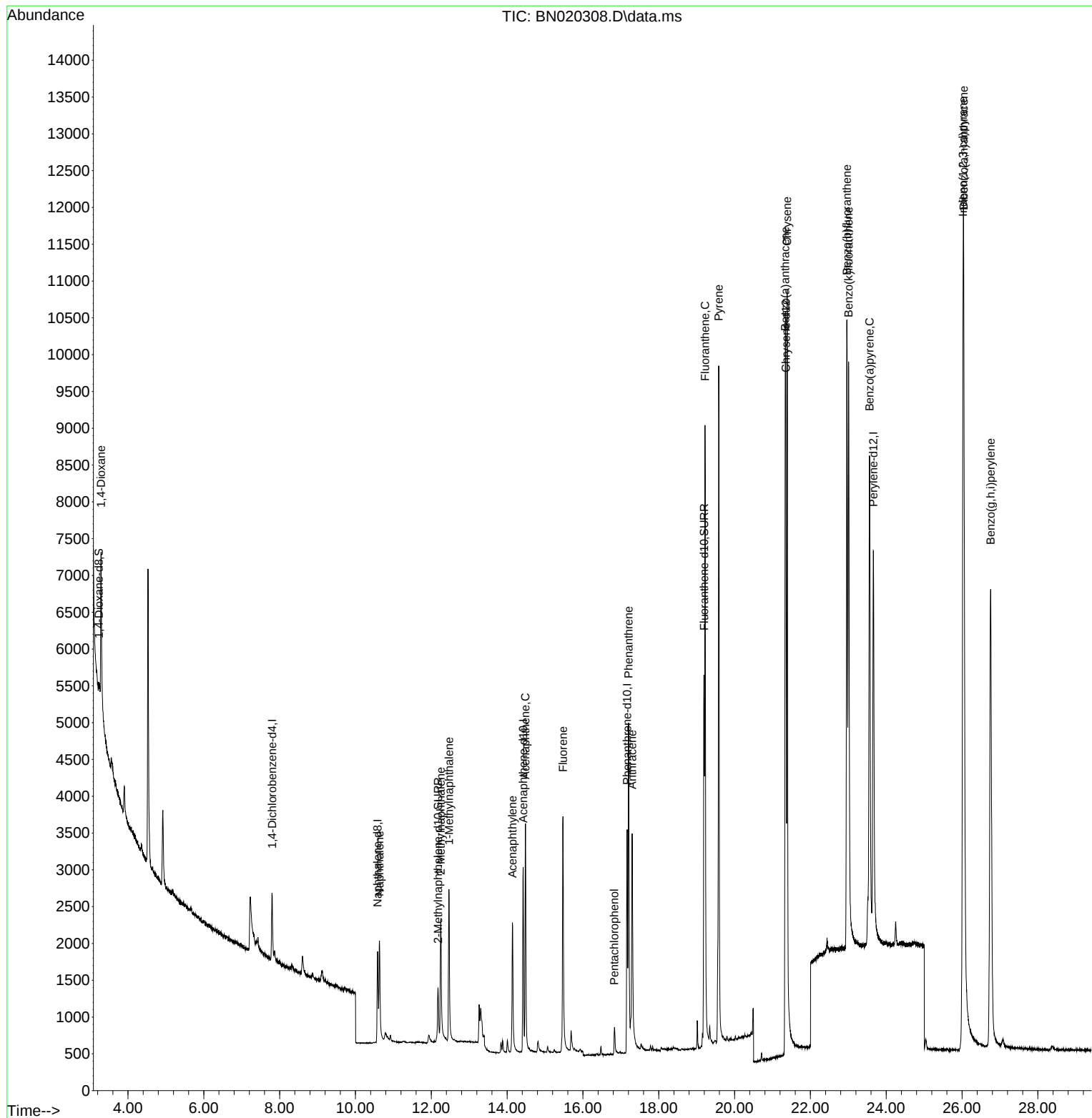
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062122\
Data File : BN020308.D
Acq On : 21 Jun 2022 15:26
Operator : CG/JU
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ALS Vial : 10 Sample Multiplier: 1

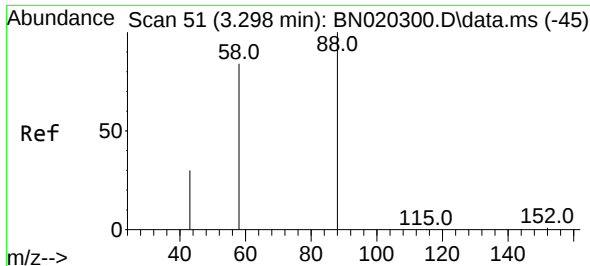
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD

Quant Time: Jun 22 00:08:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:13:51 2022
Response via : Initial Calibration

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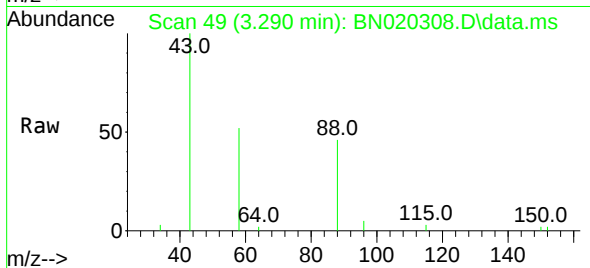
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :mohammad ahmed 06/28/2022





#2
1,4-Dioxane
Concen: 2.344 ng/ul
RT: 3.290 min Scan# 49
Delta R.T. -0.004 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

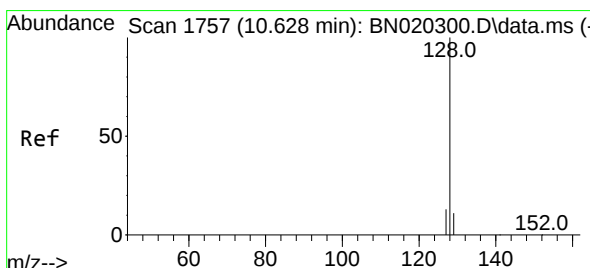
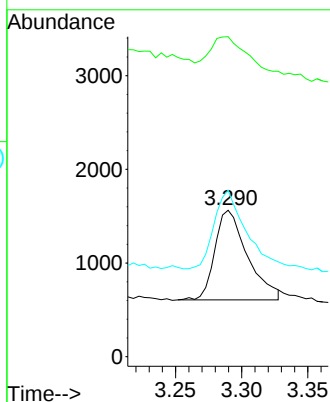
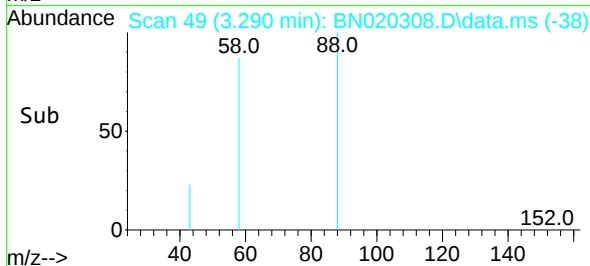
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD



Tgt Ion: 88 Resp: 1640
Ion Ratio Lower Upper
88 100
43 218.6 31.6 47.4
58 113.6 23.8 35.6

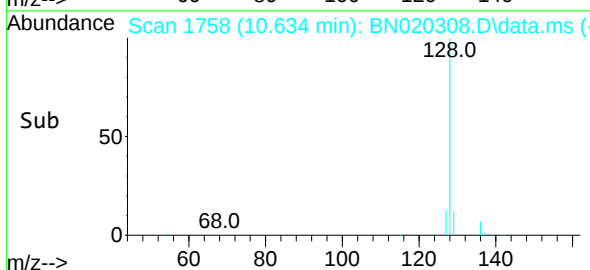
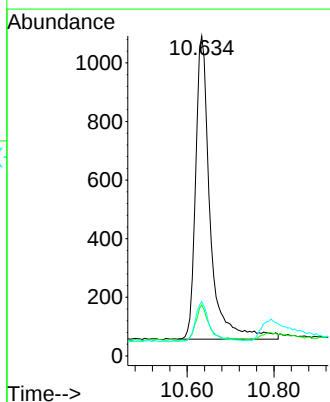
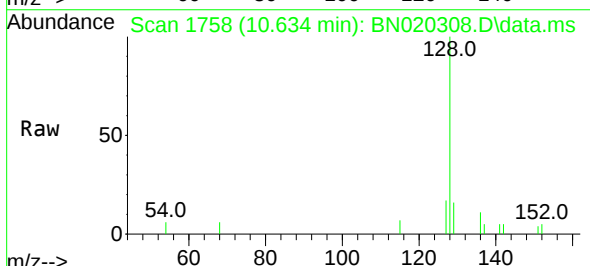
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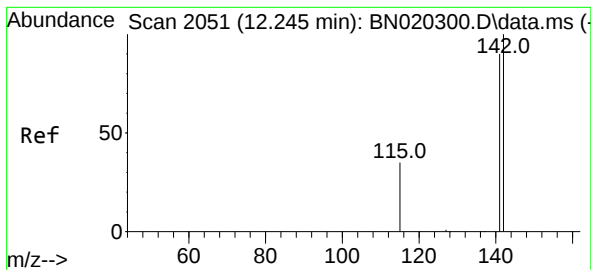
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :mohammad ahmed 06/28/2022



#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.634 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

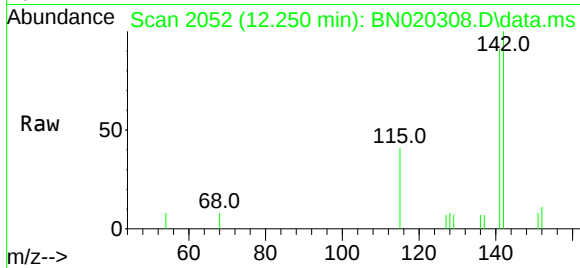
Tgt Ion:128 Resp: 2419
Ion Ratio Lower Upper
128 100
129 15.9 11.0 16.4
127 16.9 12.8 19.2





#7
2-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.250 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

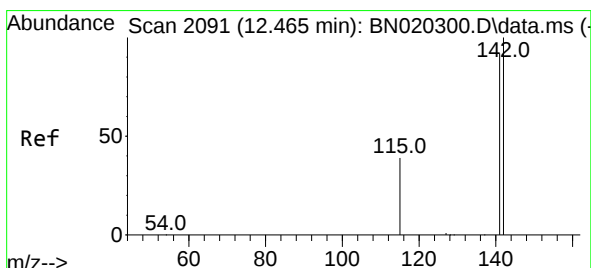
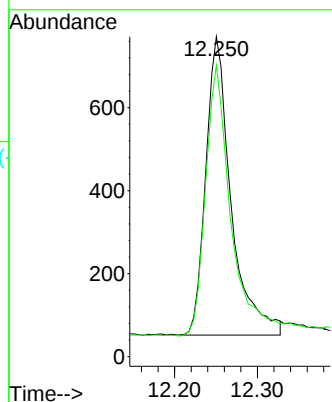
Instrument :
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ClientSampleId :
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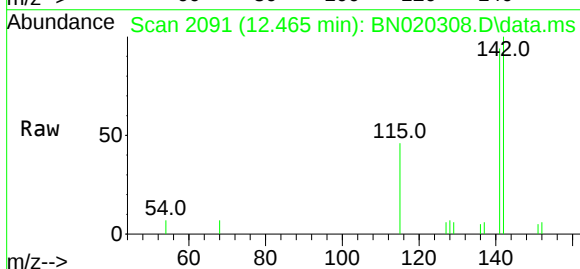
Tgt Ion:142 Resp: 153
Ion Ratio Lower Upper
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141 90.7 71.8 107.8

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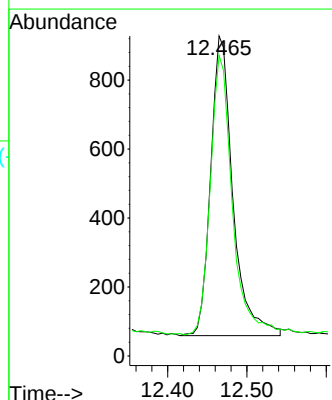
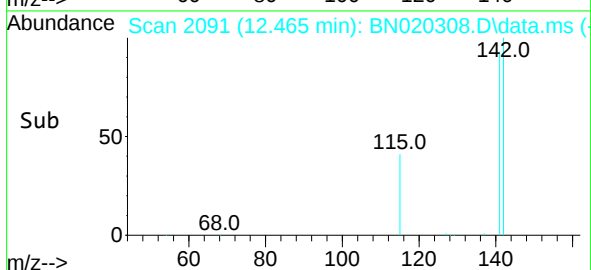
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :mohammad ahmed 06/28/2022

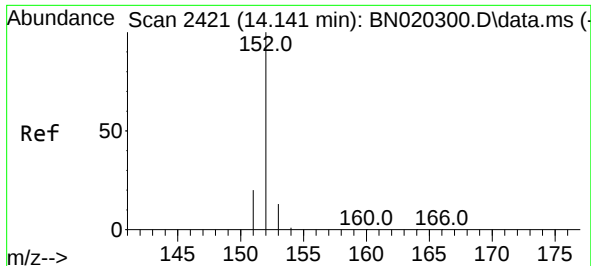


#8
1-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26



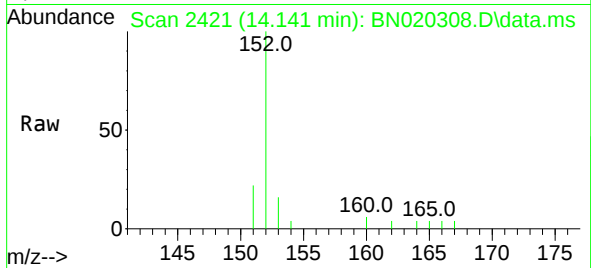
Tgt Ion:142 Resp: 1696
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.0





#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 14.141 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

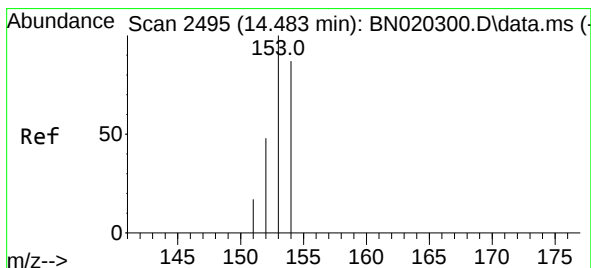
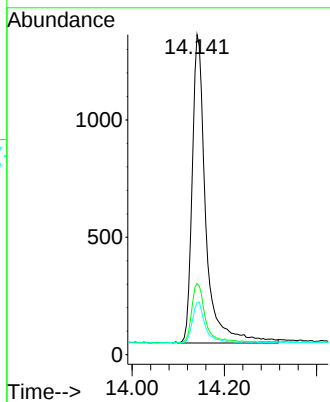
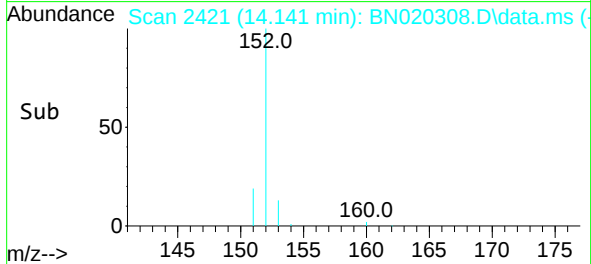
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD



Tgt Ion:152 Resp: 2689
Ion Ratio Lower Upper
152 100
151 22.2 17.2 25.8
153 16.3 11.7 17.5

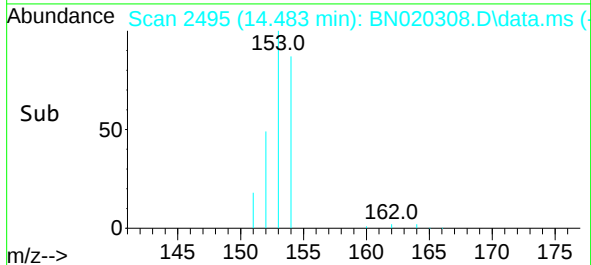
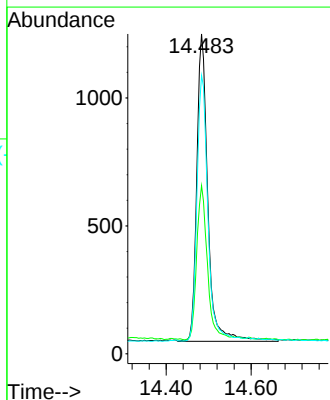
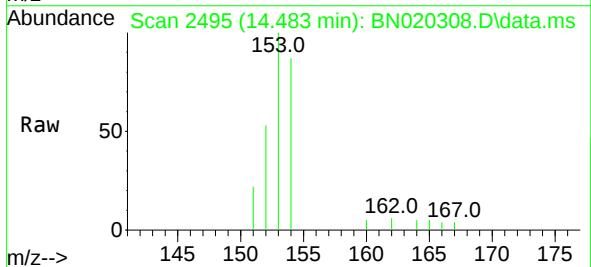
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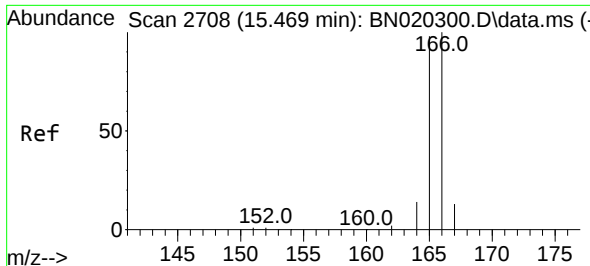
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :mohammad ahmed 06/28/2022



#11
Acenaphthene
Concen: 0.293 ng/ul
RT: 14.483 min Scan# 2495
Delta R.T. -0.000 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

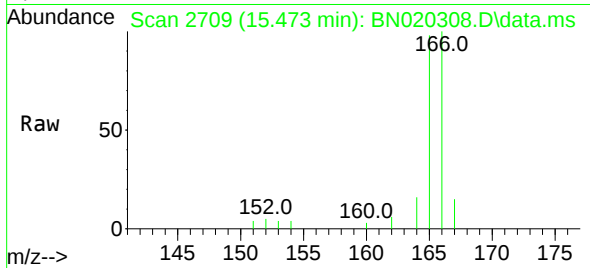
Tgt Ion:153 Resp: 2166
Ion Ratio Lower Upper
153 100
152 52.6 39.9 59.9
154 87.0 69.2 103.8





#12
Fluorene
Concen: 0.348 ng/ul
RT: 15.473 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

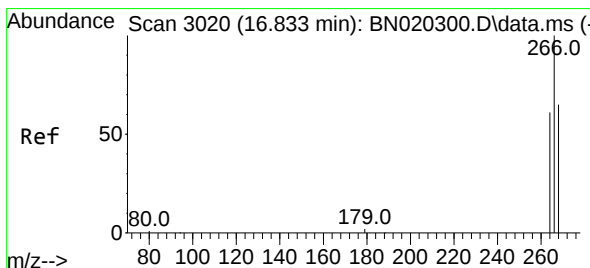
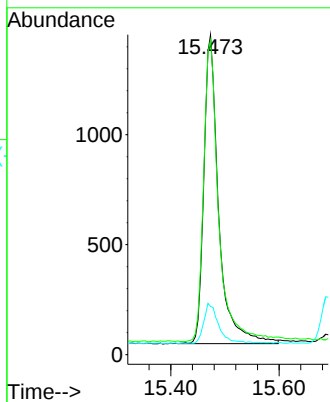
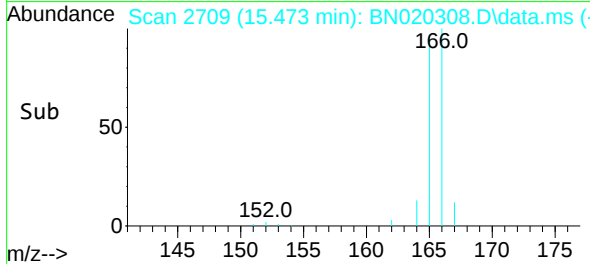
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD



Tgt Ion:166 Resp: 266
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.4
167 15.1 12.1 18.1

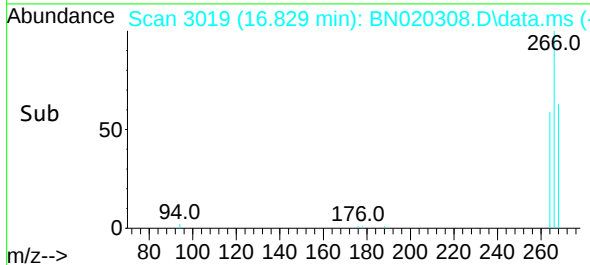
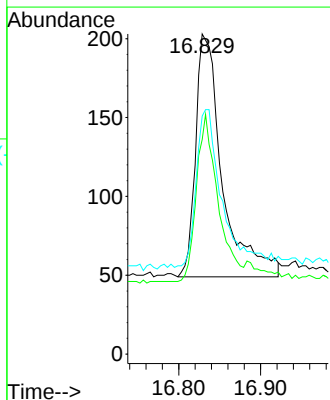
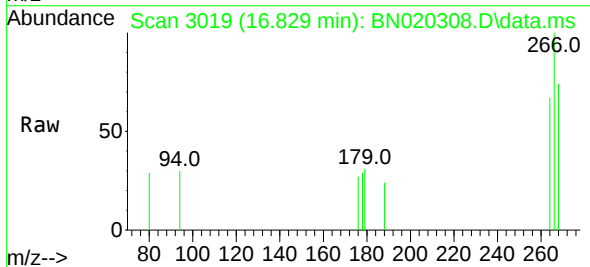
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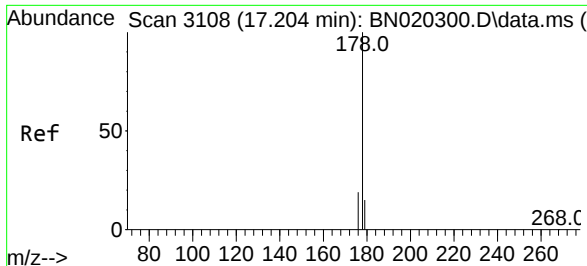
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :mohammad ahmed 06/28/2022



#14
Pentachlorophenol
Concen: 0.432 ng/ul
RT: 16.829 min Scan# 3019
Delta R.T. -0.009 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

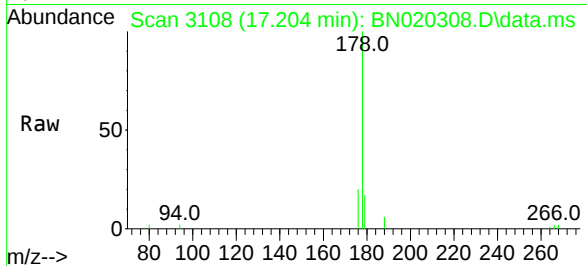
Tgt Ion:266 Resp: 349
Ion Ratio Lower Upper
266 100
264 55.6 49.8 74.8
268 63.0 51.8 77.6





#15
Phenanthrene
Concen: 0.351 ng/u1
RT: 17.204 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

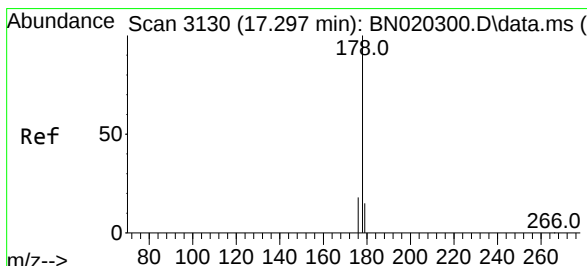
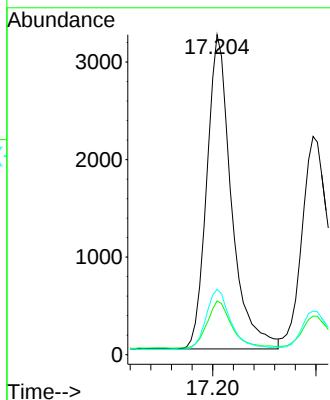
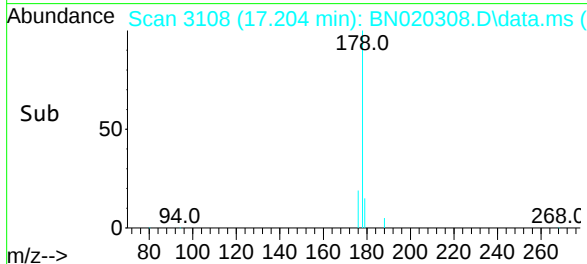
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD



Tgt Ion:178 Resp: 5342
Ion Ratio Lower Upper
178 100
179 16.8 13.4 20.0
176 20.4 15.8 23.6

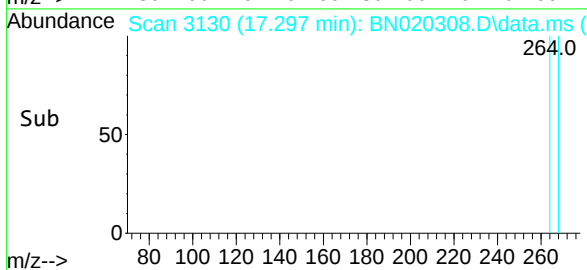
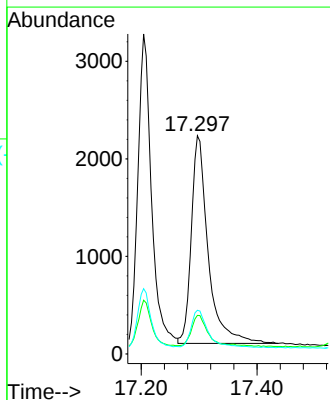
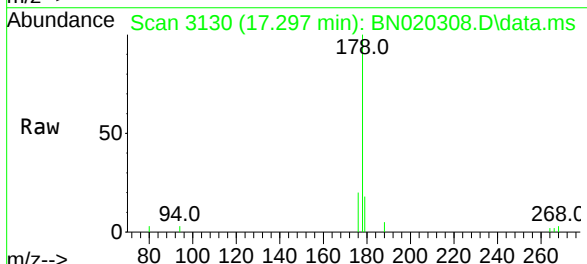
Manual Integrations
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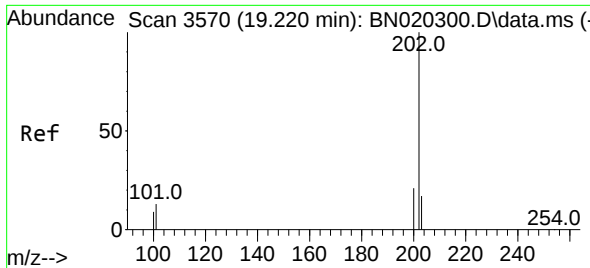
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :mohammad ahmed 06/28/2022



#16
Anthracene
Concen: 0.334 ng/u1
RT: 17.297 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

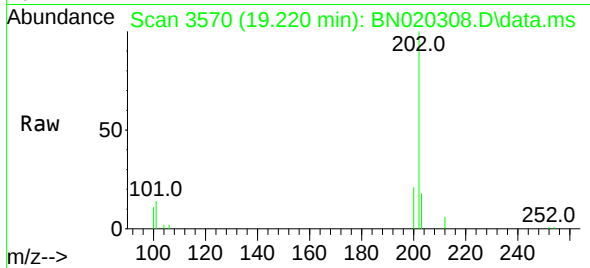
Tgt Ion:178 Resp: 4309
Ion Ratio Lower Upper
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179 17.7 13.8 20.8
176 20.0 15.6 23.4





#19
Fluoranthene
Concen: 0.286 ng/u1
RT: 19.220 min Scan# 3570
Delta R.T. -0.005 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

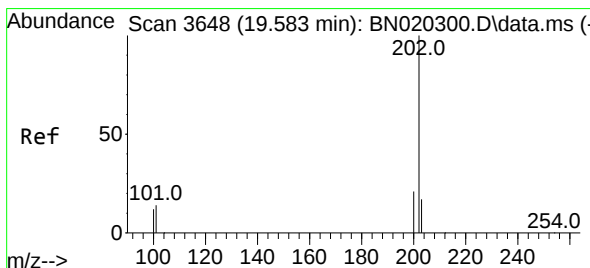
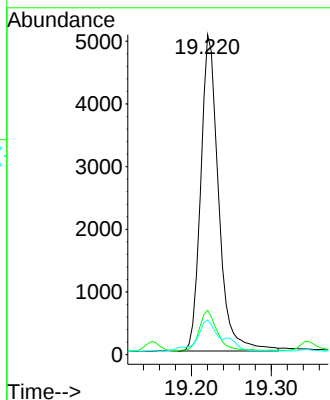
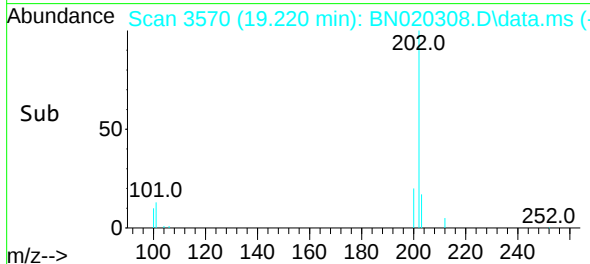
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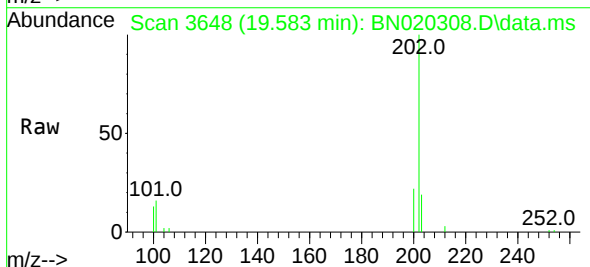
Tgt Ion:202 Resp: 784
Ion Ratio Lower Upper
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101 13.9 9.9 14.9
100 10.8 7.6 11.4

Manual Integrations
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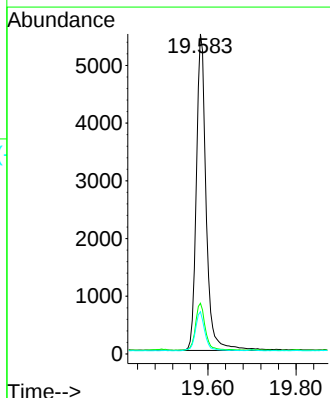
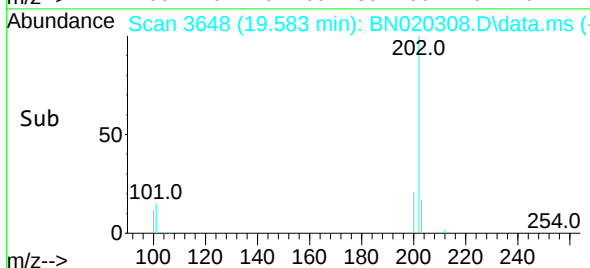
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :mohammad ahmed 06/28/2022

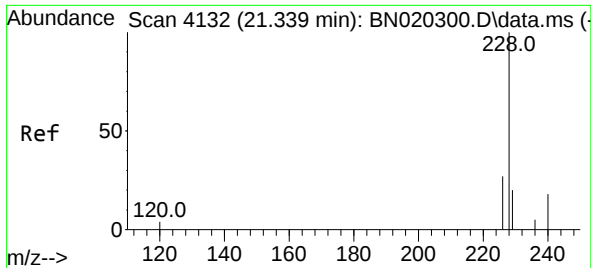


#20
Pyrene
Concen: 0.285 ng/u1
RT: 19.583 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26



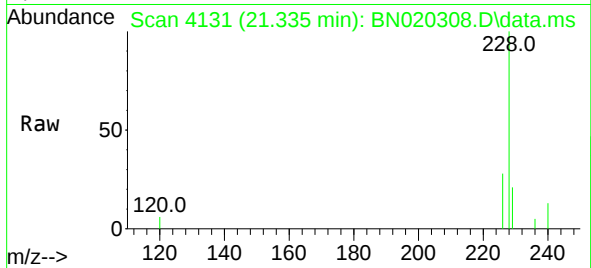
Tgt Ion:202 Resp: 8489
Ion Ratio Lower Upper
202 100
101 15.9 12.6 19.0
100 13.2 10.3 15.5





#21
Benzo(a)anthracene
Concen: 0.313 ng/ul
RT: 21.335 min Scan# 4132
Delta R.T. -0.003 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

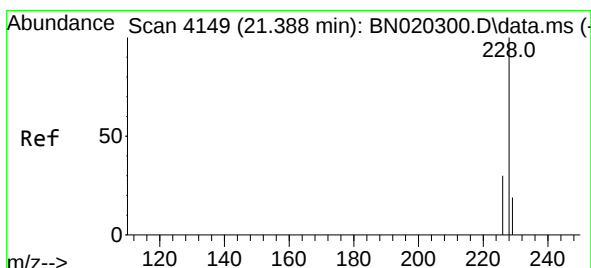
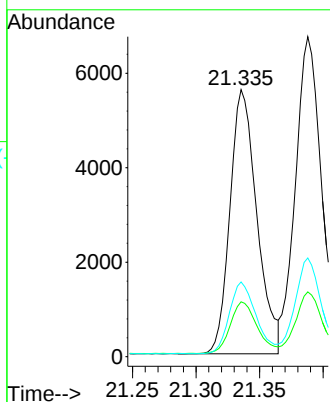
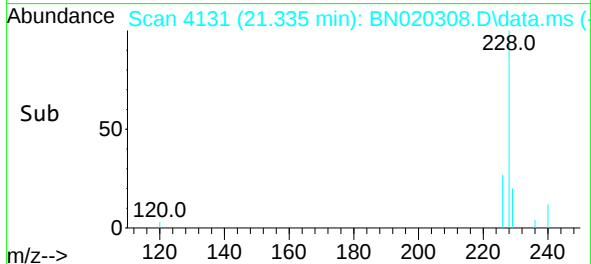
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD



Tgt Ion:228 Resp: 826
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 28.0 21.8 32.6

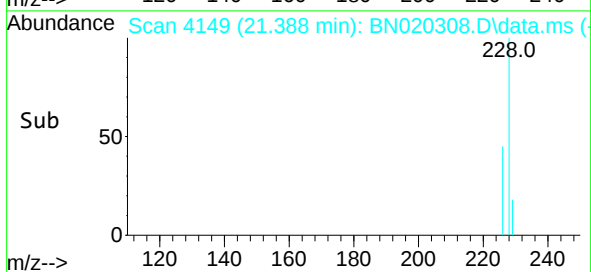
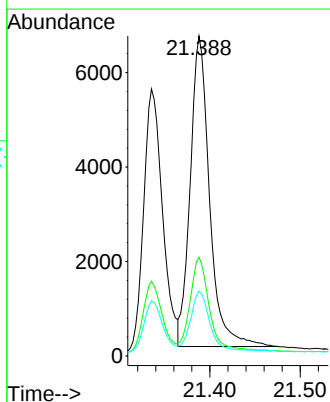
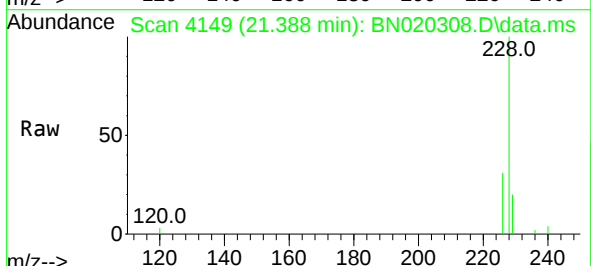
Manual Integrations
APPROVED

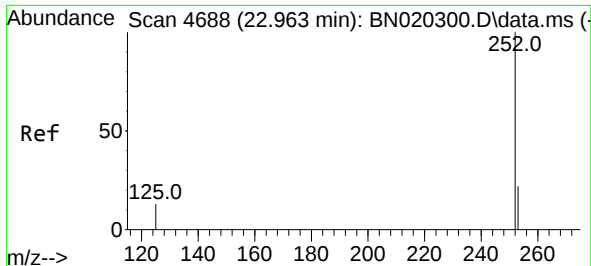
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :mohammad ahmed 06/28/2022



#22
Chrysene
Concen: 0.297 ng/ul
RT: 21.388 min Scan# 4149
Delta R.T. -0.000 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

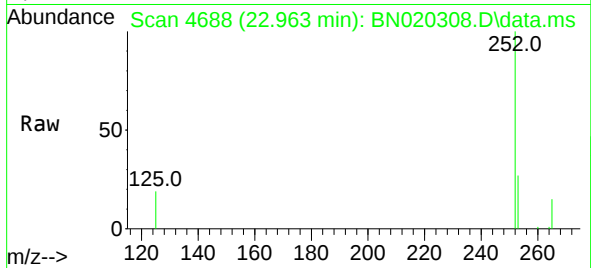
Tgt Ion:228 Resp: 9751
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 20.2 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.200 ng/ul
RT: 22.963 min Scan# 4688
Delta R.T. -0.003 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

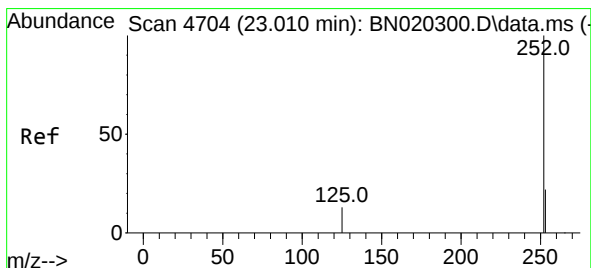
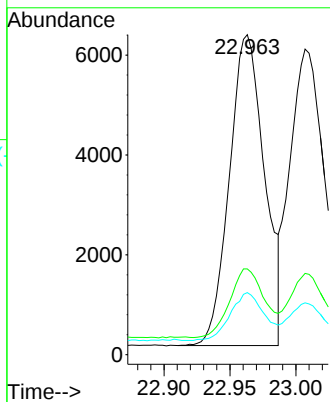
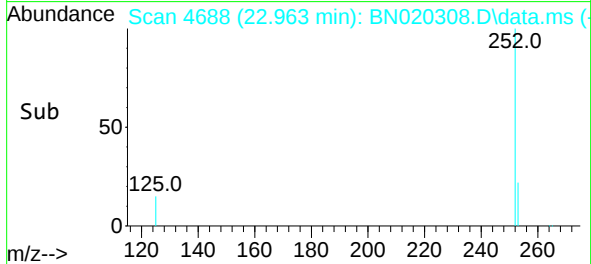
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD



Tgt Ion:252 Resp: 1156
Ion Ratio Lower Upper
252 100
253 26.8 0.0 49.4
125 19.4 0.0 33.2

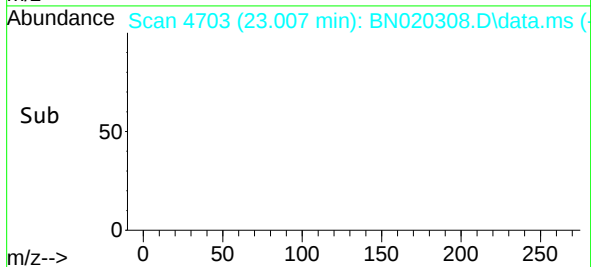
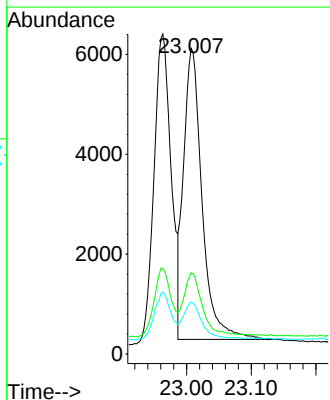
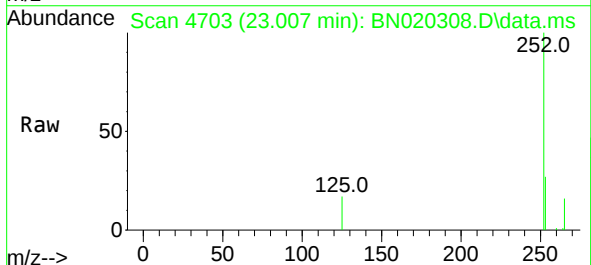
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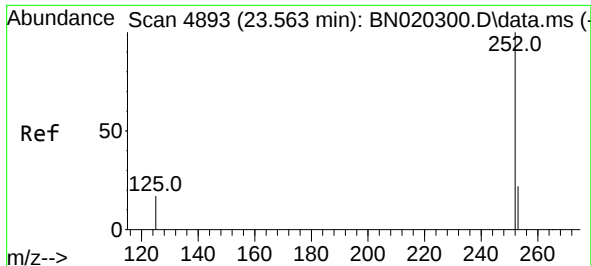
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :mohammad ahmed 06/28/2022



#25
Benzo(k)fluoranthene
Concen: 0.215 ng/ul
RT: 23.007 min Scan# 4703
Delta R.T. -0.003 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

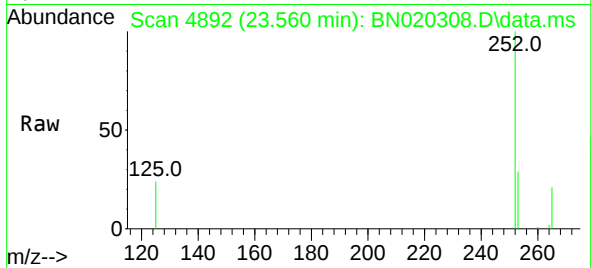
Tgt Ion:252 Resp: 11576
Ion Ratio Lower Upper
252 100
253 26.6 20.2 30.4
125 17.0 12.3 18.5





#26
Benzo(a)pyrene
Concen: 0.311 ng/ul
RT: 23.560 min Scan# 4893
Delta R.T. -0.003 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

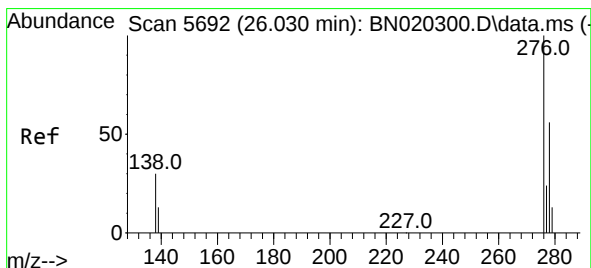
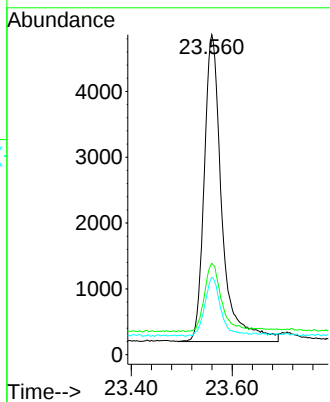
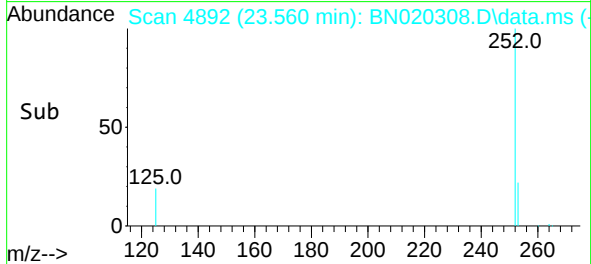
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD



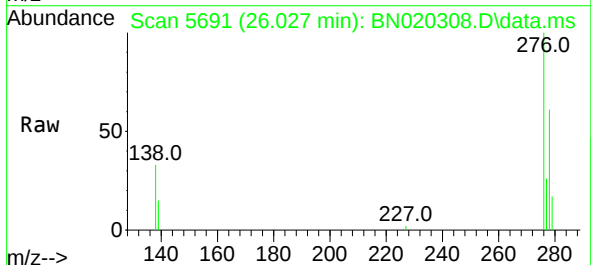
Tgt Ion:252 Resp: 11375
Ion Ratio Lower Upper
252 100
253 28.6 21.7 32.5
125 24.1 18.6 28.0

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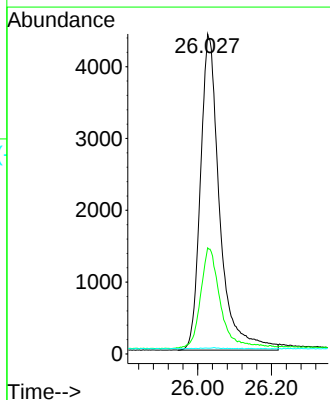
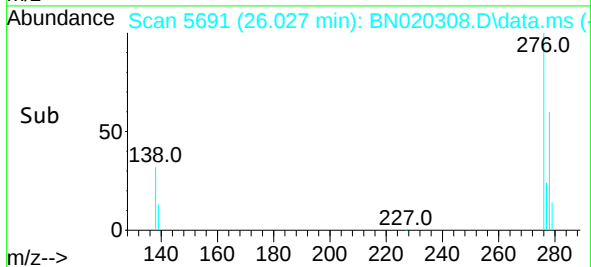
Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :mohammad ahmed 06/28/2022

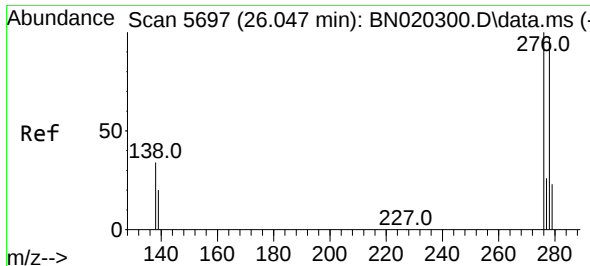


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.267 ng/ul
RT: 26.027 min Scan# 5691
Delta R.T. -0.014 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26



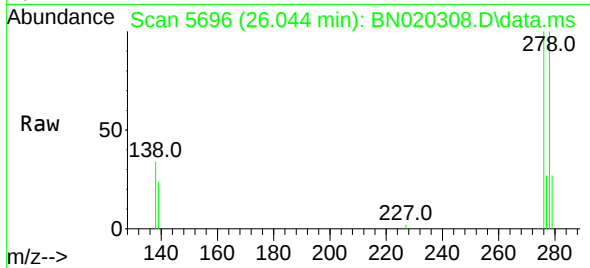
Tgt Ion:276 Resp: 15895
Ion Ratio Lower Upper
276 100
138 33.2 26.5 39.7
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.279 ng/ul
RT: 26.044 min Scan# 5696
Delta R.T. -0.007 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26

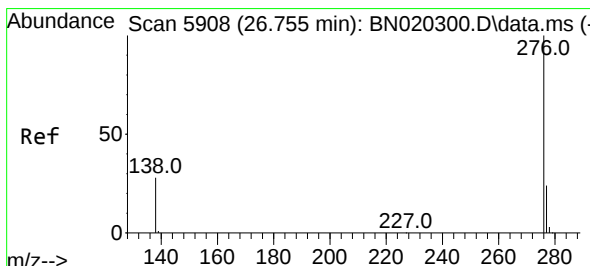
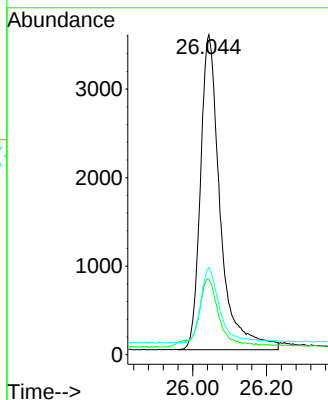
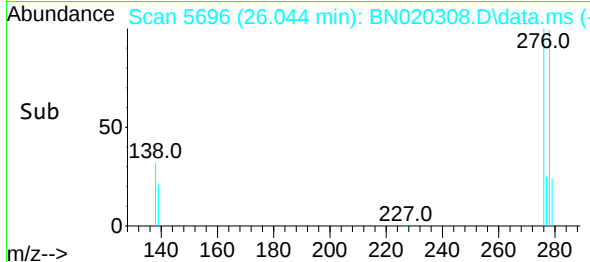
Instrument :
BNA_N
ClientSampleId :
YB7L2MSD



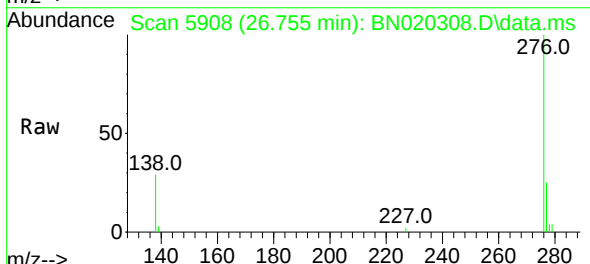
Tgt Ion: 278 Resp: 13240
Ion Ratio Lower Upper
278 100
139 23.7 18.2 27.2
279 27.1 20.8 31.2

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Reviewed By : Jagrut Upadhyay 06/22/2022
Supervised By : mohammad ahmed 06/28/2022



#29
Benzo(g,h,i)perylene
Concen: 0.275 ng/ul
RT: 26.755 min Scan# 5908
Delta R.T. -0.010 min
Lab File: BN020308.D
Acq: 21 Jun 2022 15:26



Tgt Ion: 276 Resp: 14433
Ion Ratio Lower Upper
276 100
138 29.4 23.0 34.4
277 24.8 19.7 29.5

