

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021005.D
 Acq On : 05 Aug 2022 01:03
 Operator : CG/JU
 Sample : N4026-04MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GBJG8MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/08/2022
 Supervised By :Sohil Jodhani 08/09/2022

Quant Time: Aug 05 01:40:25 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 : Wed Aug 03 16:31:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	2936	0.400	ng/ul	0.00
4) Naphthalene-d8	10.601	136	7494	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.455	164	5472	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	10943	0.400	ng/ul	0.00
17) Chrysene-d12	21.410	240	9152	0.400	ng/ul	0.00
23) Perylene-d12	23.748	264	7433	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	6085m	1.620	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.201	152	3915	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.243	212	12408	0.439	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	7193	1.859	ng/ul#	85
5) Naphthalene	10.650	128	7388	0.321	ng/ul	100
7) 2-Methylnaphthalene	12.278	142	4424	0.317	ng/ul	99
8) 1-Methylnaphthalene	12.492	142	4822	0.345	ng/ul	99
10) Acenaphthylene	14.173	152	8058	0.315	ng/ul	100
11) Acenaphthene	14.520	153	6611	0.312	ng/ul	99
12) Fluorene	15.510	166	7456	0.322	ng/ul	99
14) Pentachlorophenol	16.871	266	1373	0.814	ng/ul	99
15) Phenanthrene	17.251	178	13117	0.335	ng/ul	99
16) Anthracene	17.344	178	10252	0.338	ng/ul	100
19) Fluoranthene	19.276	202	15733	0.388	ng/ul	99
20) Pyrene	19.638	202	16264	0.389	ng/ul	97
21) Benzo(a)anthracene	21.395	228	11826	0.396	ng/ul	100
22) Chrysene	21.448	228	14779	0.376	ng/ul	99
24) Benzo(b)fluoranthene	23.041	252	13450	0.391	ng/ul	99
25) Benzo(k)fluoranthene	23.085	252	13529	0.373	ng/ul	99
26) Benzo(a)pyrene	23.646	252	11672	0.372	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.169	276	12887	0.344	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.189	278	10223	0.345	ng/ul	96
29) Benzo(g,h,i)perylene	26.911	276	11561	0.346	ng/ul	98

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

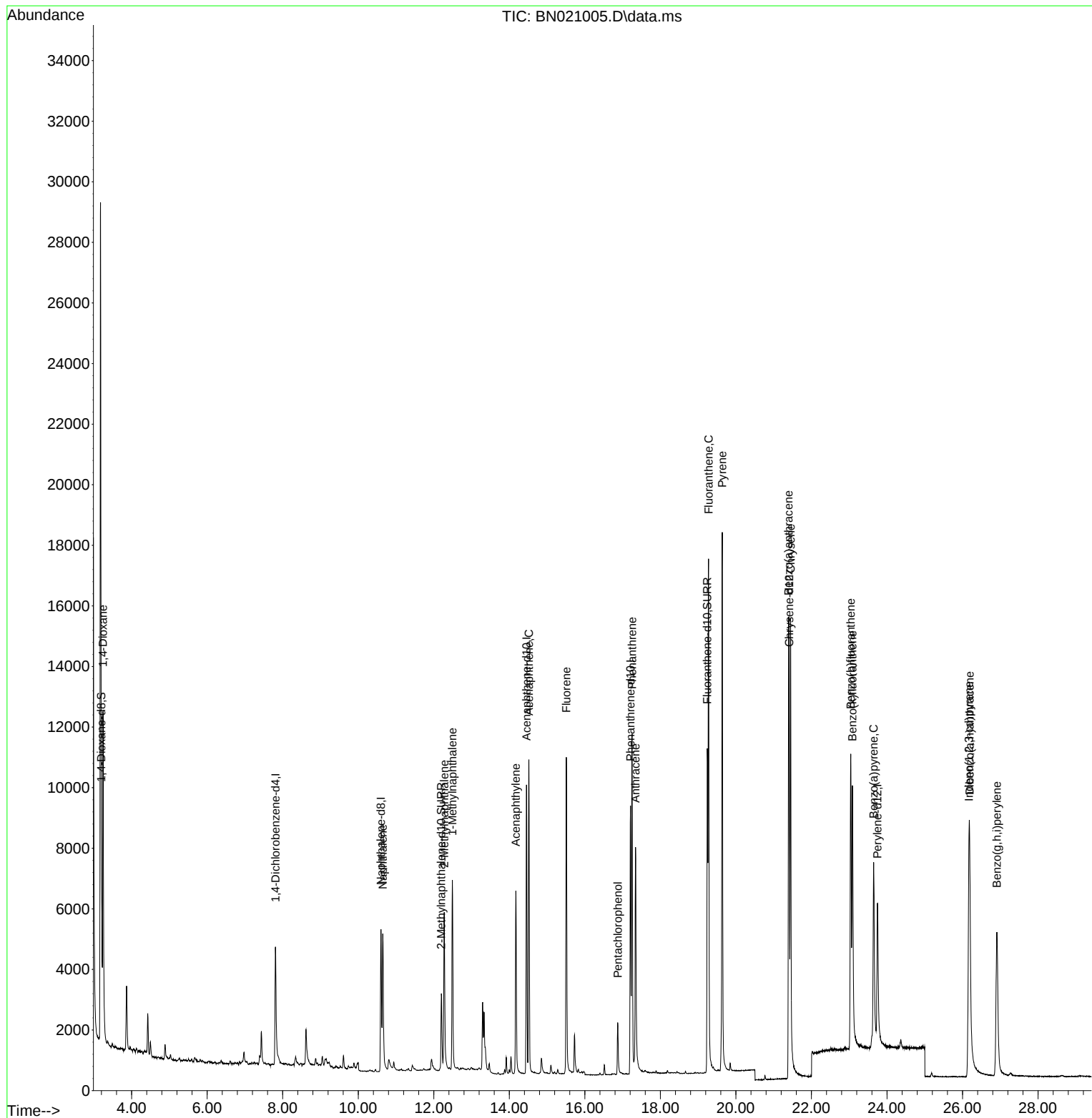
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
Data File : BN021005.D
Acq On : 05 Aug 2022 01:03
Operator : CG/JU
Sample : N4026-04MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

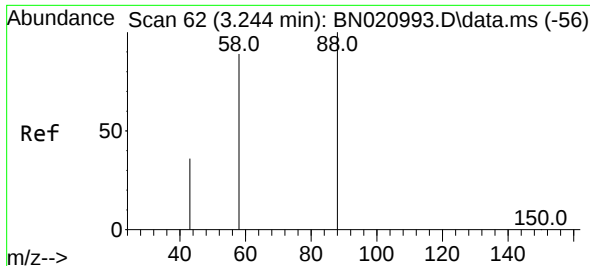
Instrument :
BNA_N
ClientSampleId :
GBJG8MS

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Supervised By :Sohil Jodhani 08/09/2022

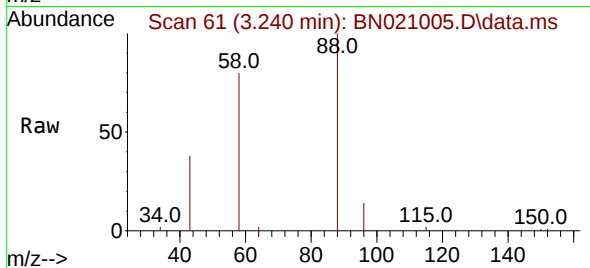
Quant Time: Aug 05 01:40:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.859 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

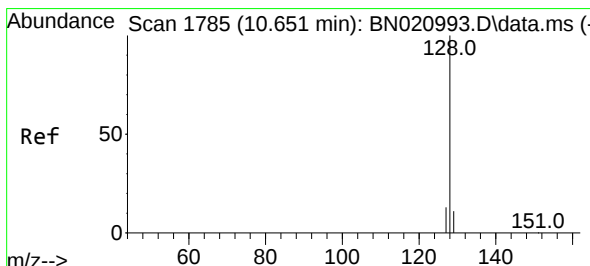
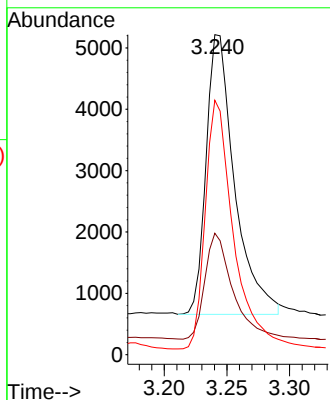
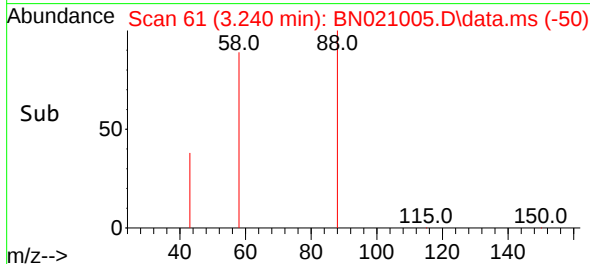
Instrument :
BNA_N
ClientSampleId :
GBJG8MS



Tgt Ion: 88 Resp: 719
Ion Ratio Lower Upper
88 100
43 38.0 31.4 47.0
58 79.5 49.0 73.6

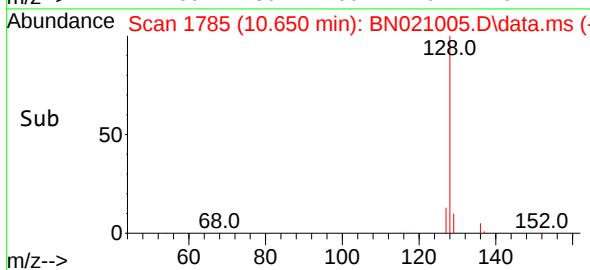
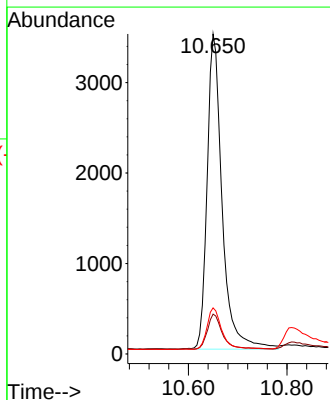
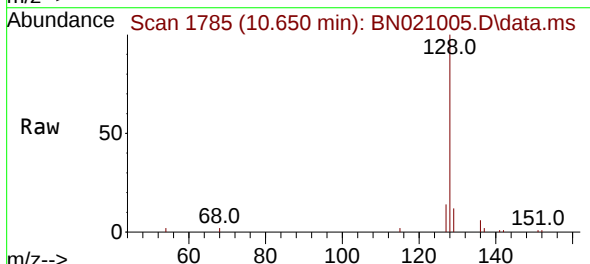
Manual Integrations
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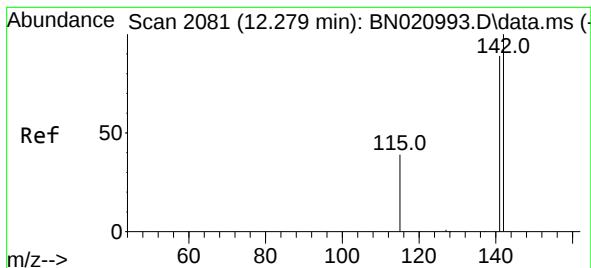
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#5
Naphthalene
Concen: 0.321 ng/ul
RT: 10.650 min Scan# 1785
Delta R.T. -0.001 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

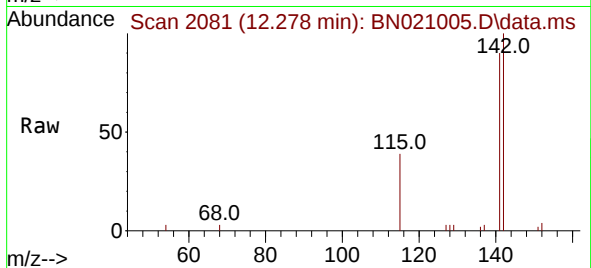
Tgt Ion:128 Resp: 7388
Ion Ratio Lower Upper
128 100
129 12.4 9.8 14.6
127 14.4 11.6 17.4





#7
2-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.278 min Scan# 2081
Delta R.T. -0.001 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

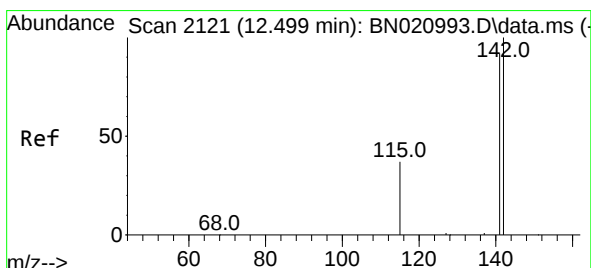
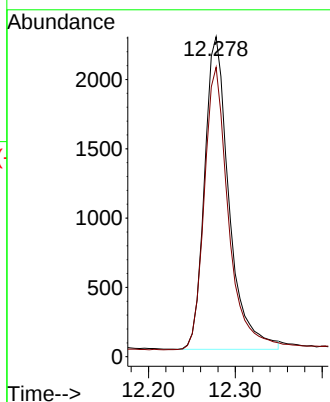
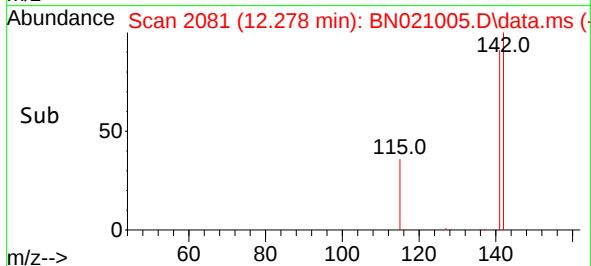
Instrument :
BNA_N
ClientSampleId :
GBJG8MS



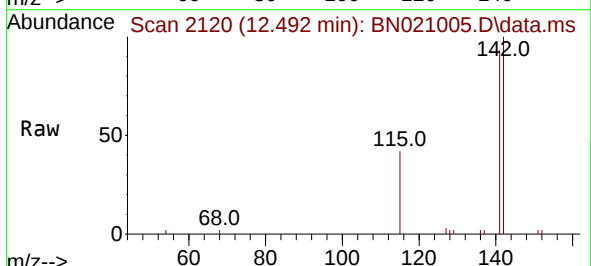
Tgt Ion:142 Resp: 4424
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2

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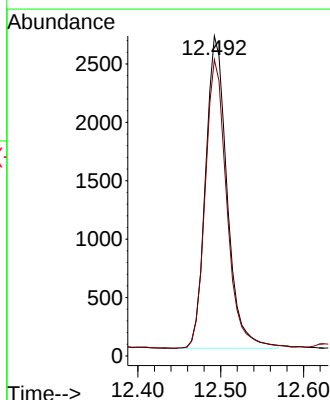
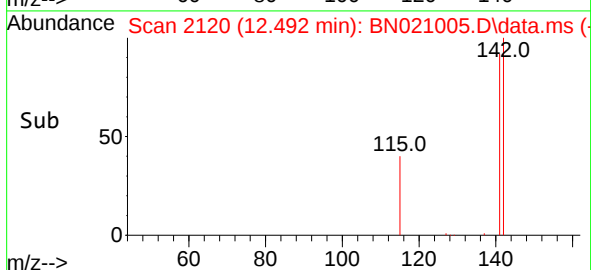
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022

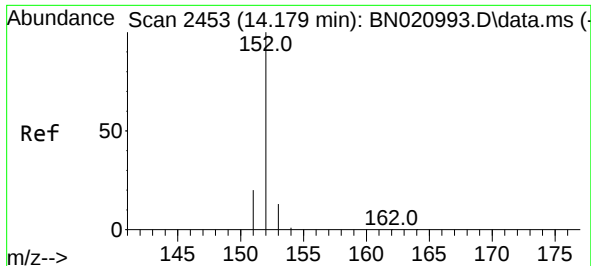


#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.492 min Scan# 2120
Delta R.T. -0.007 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03



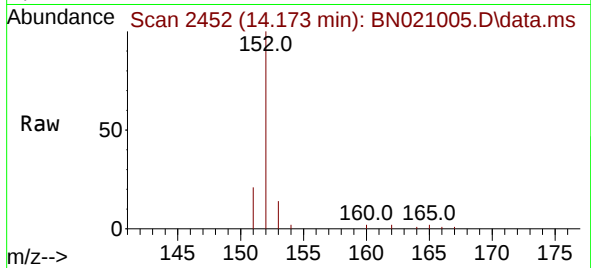
Tgt Ion:142 Resp: 4822
Ion Ratio Lower Upper
142 100
141 92.9 73.9 110.9





#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.173 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

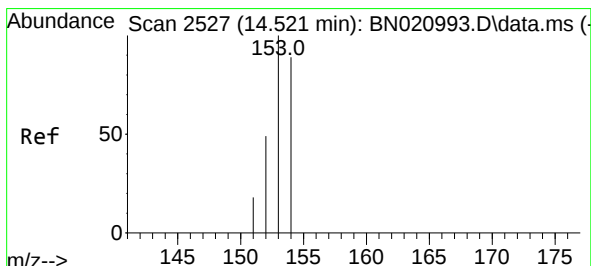
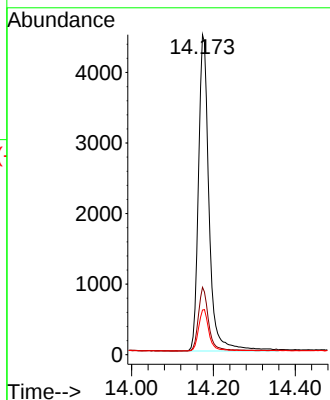
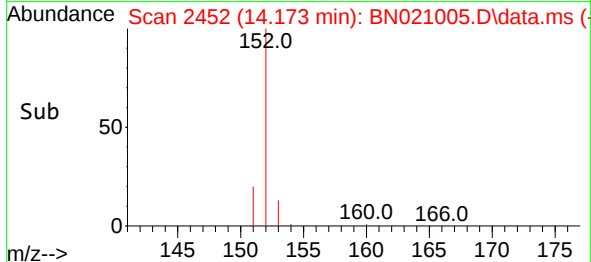
Instrument :
BNA_N
ClientSampleId :
GBJG8MS



Tgt Ion:152 Resp: 8058
Ion Ratio Lower Upper
152 100
151 21.1 16.9 25.3
153 14.0 11.2 16.8

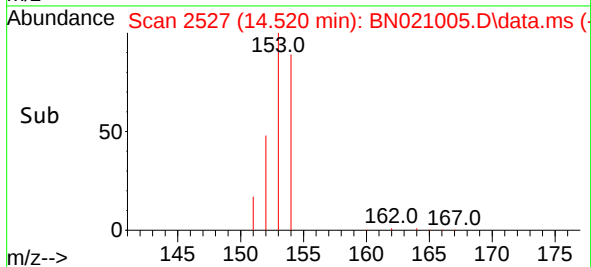
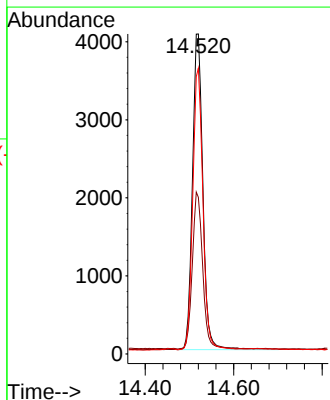
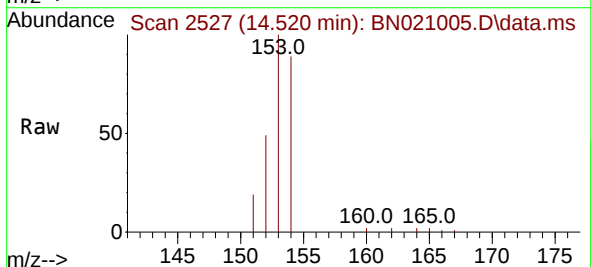
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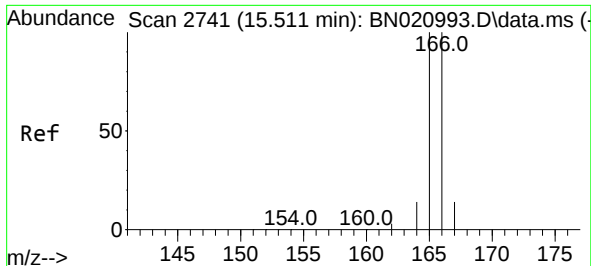
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#11
Acenaphthene
Concen: 0.312 ng/ul
RT: 14.520 min Scan# 2527
Delta R.T. -0.001 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

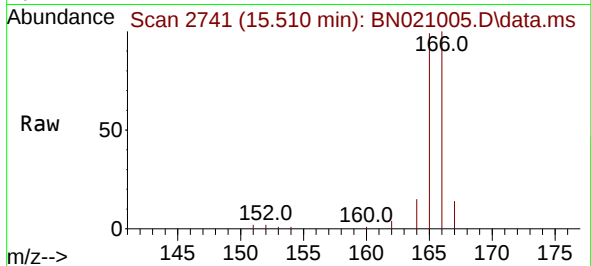
Tgt Ion:153 Resp: 6611
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.4
154 89.3 70.7 106.1





#12
Fluorene
Concen: 0.322 ng/ul
RT: 15.510 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

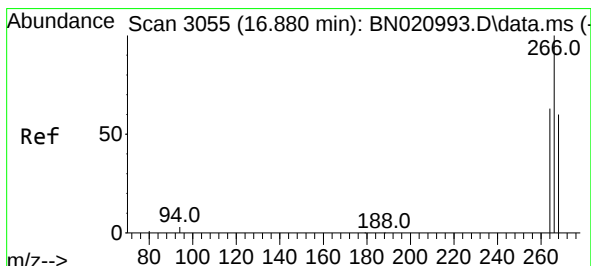
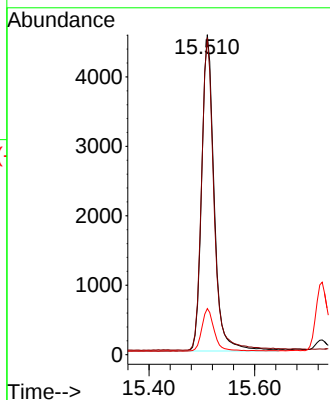
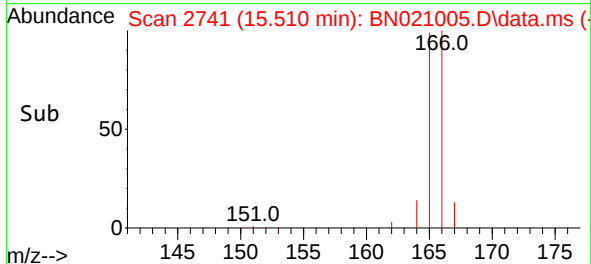
Instrument :
BNA_N
ClientSampleId :
GBJG8MS



Tgt Ion:166 Resp: 7450
Ion Ratio Lower Upper
166 100
165 99.1 78.6 117.8
167 14.4 11.8 17.6

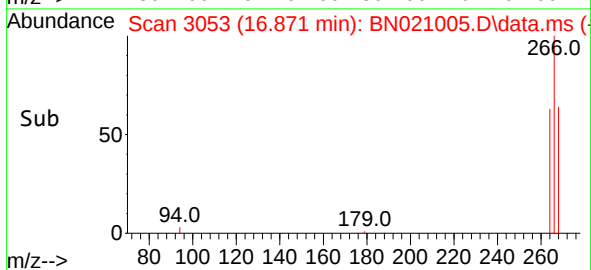
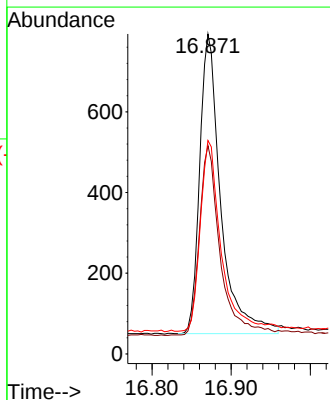
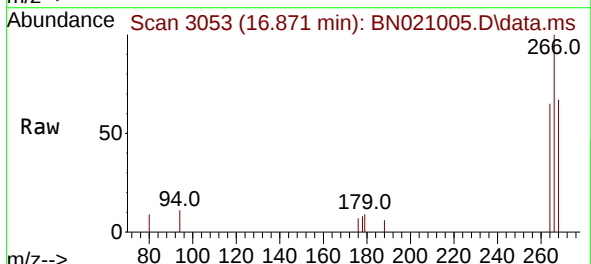
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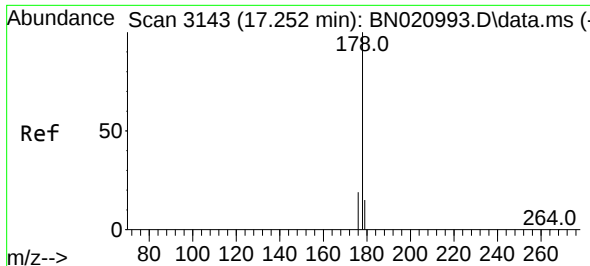
Reviewed By :Jagrut Upadhyay 08/08/2022
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#14
Pentachlorophenol
Concen: 0.814 ng/ul
RT: 16.871 min Scan# 3053
Delta R.T. -0.009 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

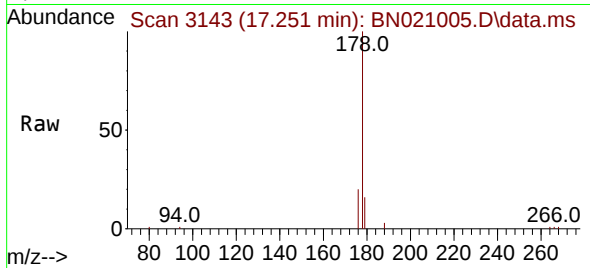
Tgt Ion:266 Resp: 1373
Ion Ratio Lower Upper
266 100
264 62.6 49.8 74.8
268 63.7 50.6 75.8





#15
Phenanthrene
Concen: 0.335 ng/ul
RT: 17.251 min Scan# 3143
Delta R.T. -0.001 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

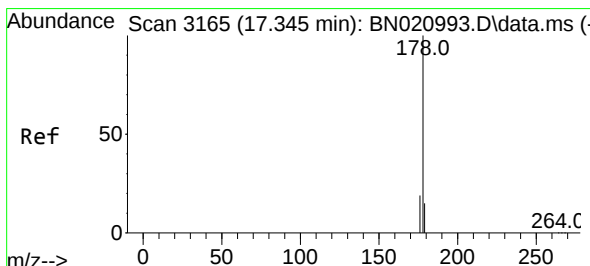
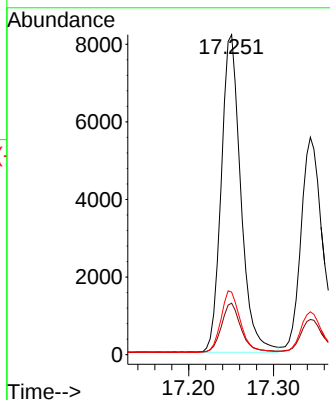
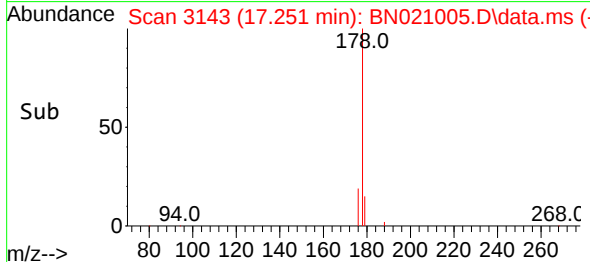
Instrument :
BNA_N
ClientSampleId :
GBJG8MS



Tgt Ion:178 Resp: 1311
Ion Ratio Lower Upper
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179 16.1 12.8 19.2
176 19.6 15.9 23.9

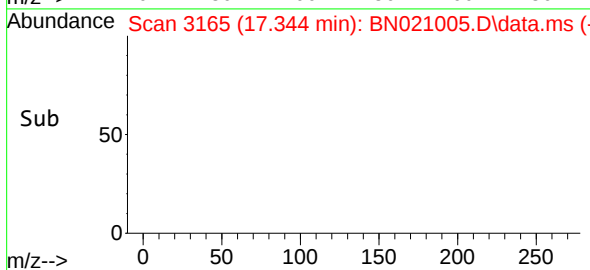
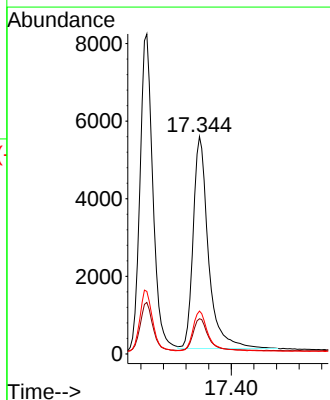
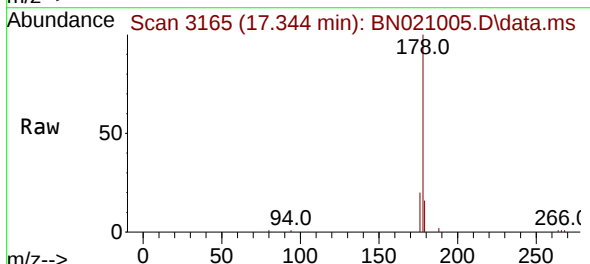
Manual Integrations
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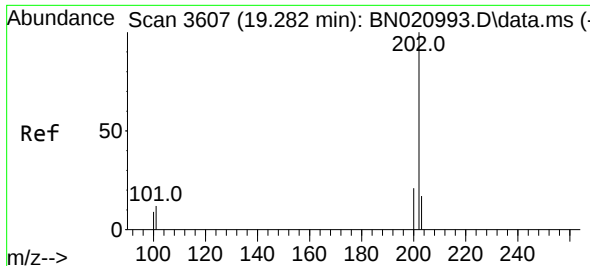
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#16
Anthracene
Concen: 0.338 ng/ul
RT: 17.344 min Scan# 3165
Delta R.T. -0.005 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

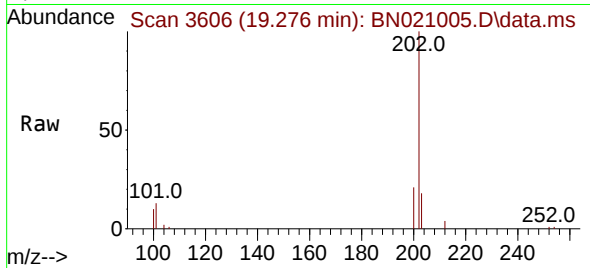
Tgt Ion:178 Resp: 10252
Ion Ratio Lower Upper
178 100
179 16.2 12.9 19.3
176 19.7 15.9 23.9





#19
Fluoranthene
Concen: 0.388 ng/u1
RT: 19.276 min Scan# 3606
Delta R.T. -0.006 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

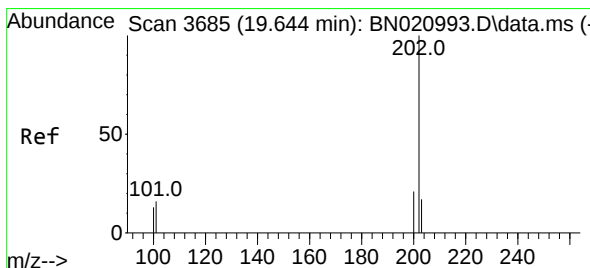
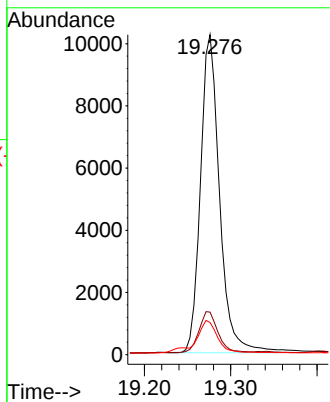
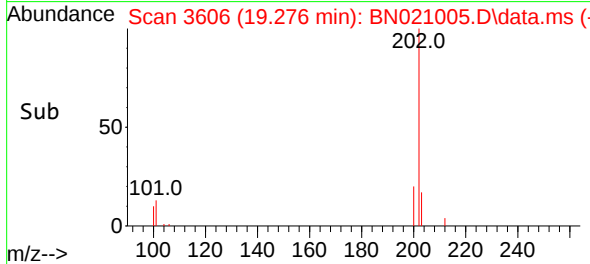
Instrument :
BNA_N
ClientSampleId :
GBJG8MS



Tgt Ion:202 Resp: 1573
Ion Ratio Lower Upper
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101 13.3 10.0 15.0
100 10.0 8.0 12.0

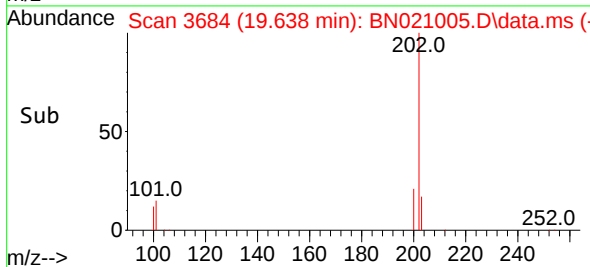
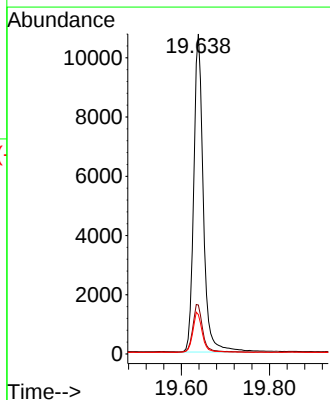
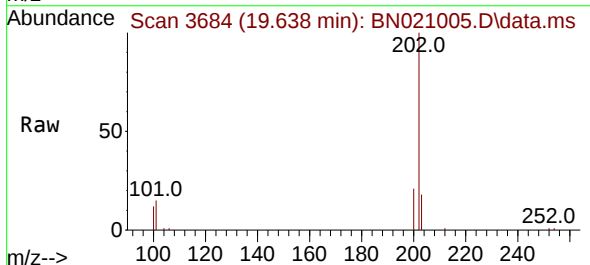
Manual Integrations
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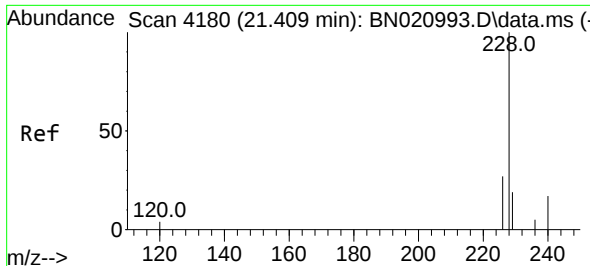
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#20
Pyrene
Concen: 0.389 ng/u1
RT: 19.638 min Scan# 3684
Delta R.T. -0.006 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

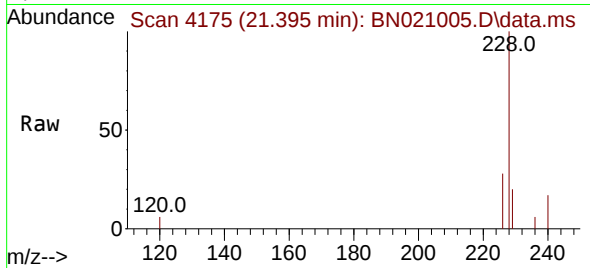
Tgt Ion:202 Resp: 16264
Ion Ratio Lower Upper
202 100
101 15.3 11.3 16.9
100 12.3 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.396 ng/ul
RT: 21.395 min Scan# 411
Delta R.T. -0.011 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

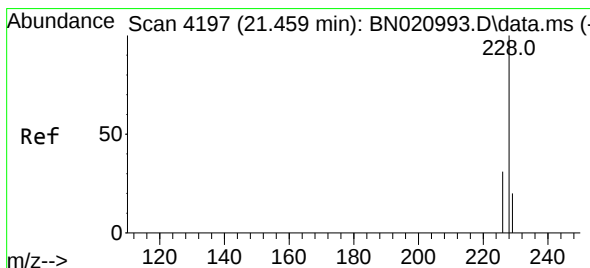
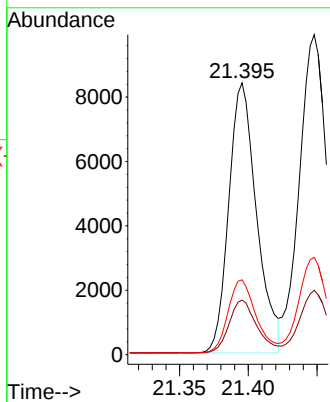
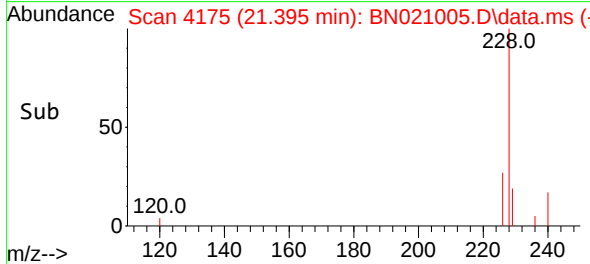
Instrument :
BNA_N
ClientSampleId :
GBJG8MS



Tgt Ion:228 Resp: 11820
Ion Ratio Lower Upper
228 100
229 20.1 16.0 24.0
226 27.5 21.9 32.9

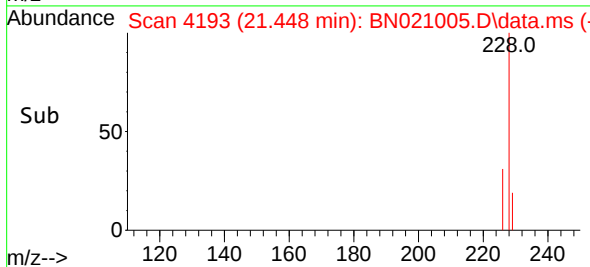
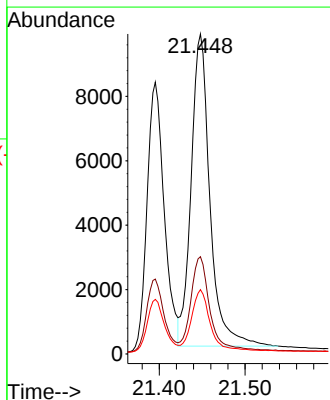
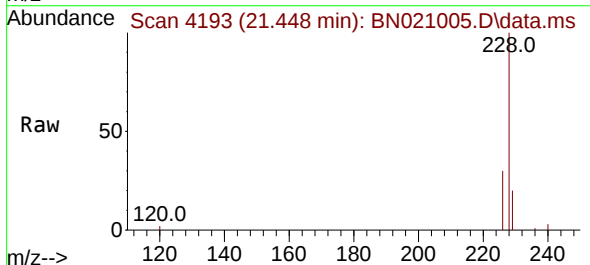
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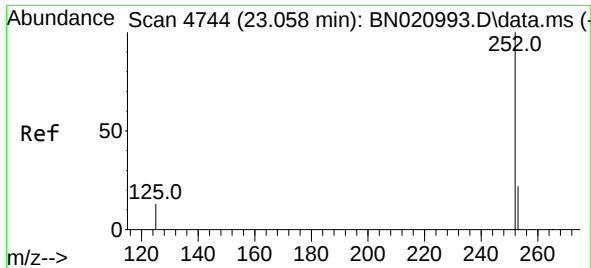
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.448 min Scan# 4193
Delta R.T. -0.011 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

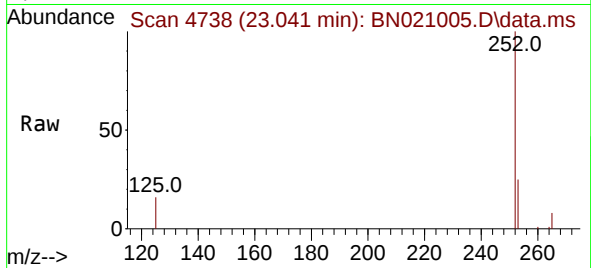
Tgt Ion:228 Resp: 14779
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.1 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul
RT: 23.041 min Scan# 4738
Delta R.T. -0.011 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

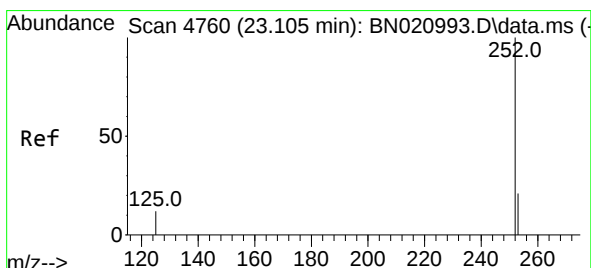
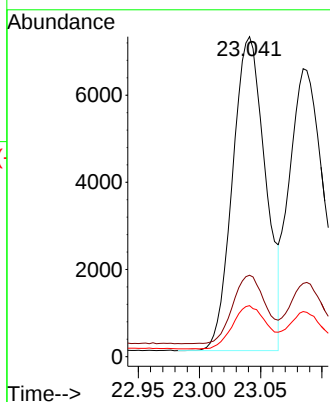
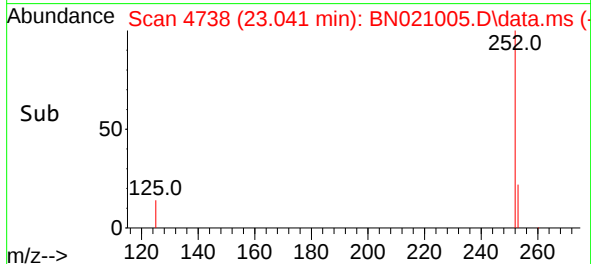
Instrument :
BNA_N
ClientSampleId :
GBJG8MS



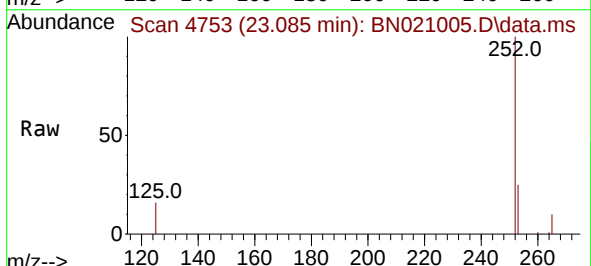
Tgt Ion:252 Resp: 13450
Ion Ratio Lower Upper
252 100
253 25.4 0.0 50.8
125 15.9 0.0 30.0

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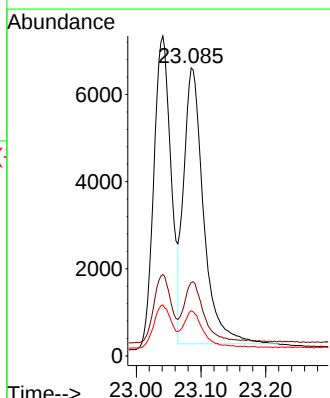
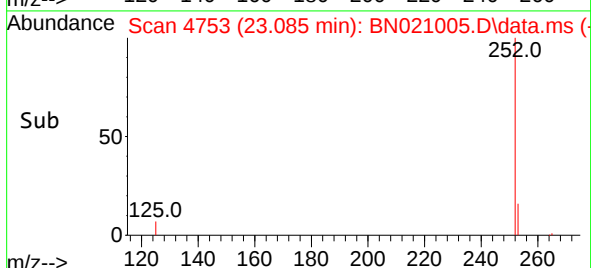
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022

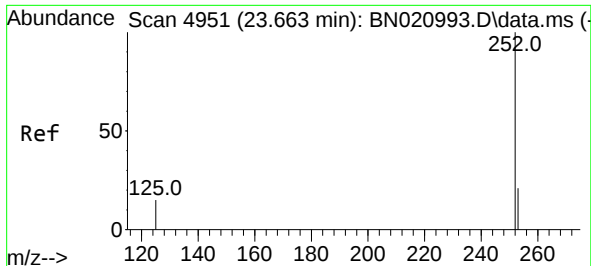


#25
Benzo(k)fluoranthene
Concen: 0.373 ng/ul
RT: 23.085 min Scan# 4753
Delta R.T. -0.014 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03



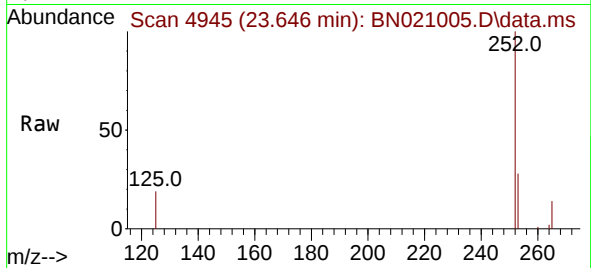
Tgt Ion:252 Resp: 13529
Ion Ratio Lower Upper
252 100
253 25.5 20.6 31.0
125 15.7 11.8 17.6





#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.646 min Scan# 4945
Delta R.T. -0.014 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

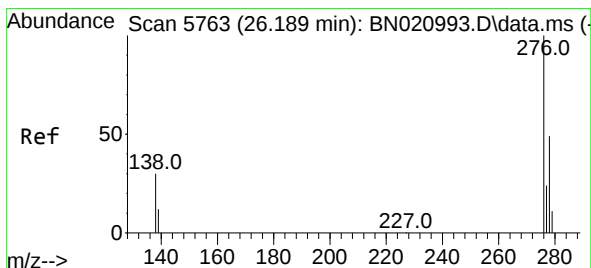
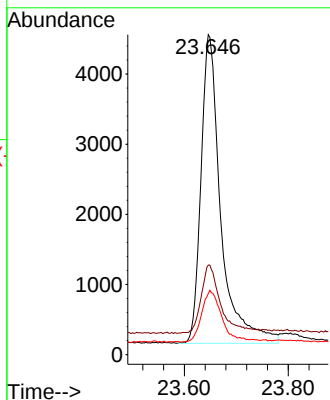
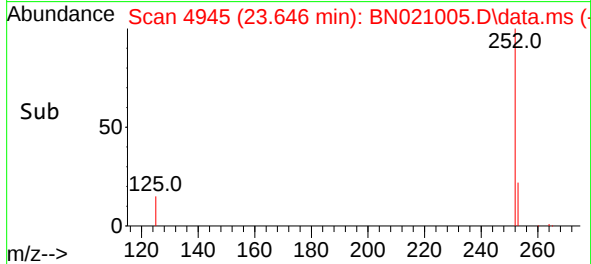
Instrument :
BNA_N
ClientSampleId :
GBJG8MS



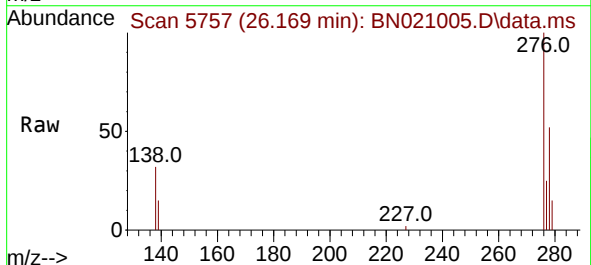
Tgt Ion:252 Resp: 11672
Ion Ratio Lower Upper
252 100
253 28.0 22.1 33.1
125 19.1 14.7 22.1

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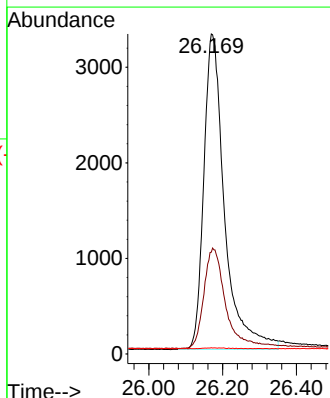
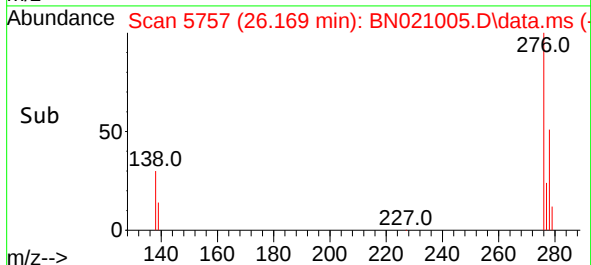
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022

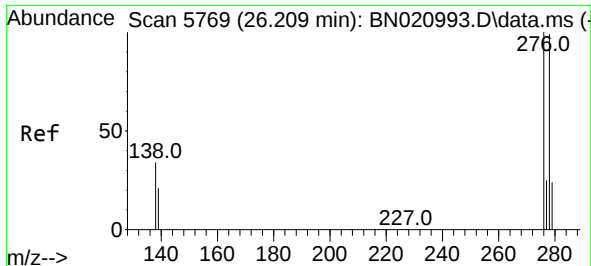


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng/ul
RT: 26.169 min Scan# 5757
Delta R.T. -0.016 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03



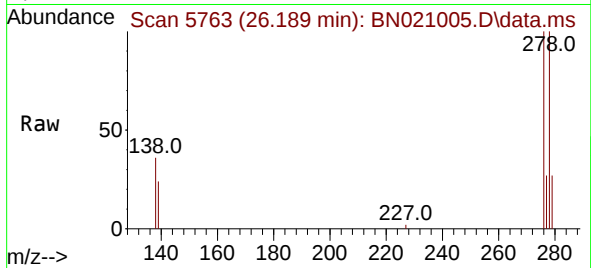
Tgt Ion:276 Resp: 12887
Ion Ratio Lower Upper
276 100
138 33.9 26.1 39.1
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.345 ng/ul
RT: 26.189 min Scan# 51
Delta R.T. -0.019 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03

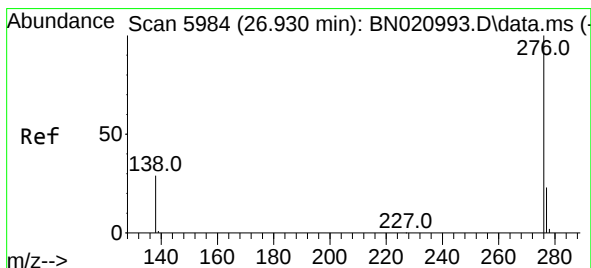
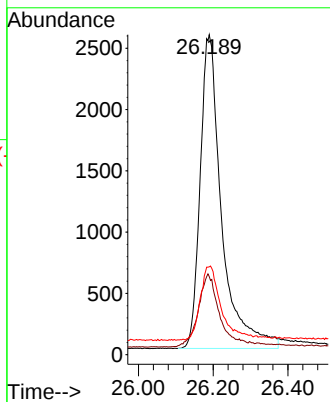
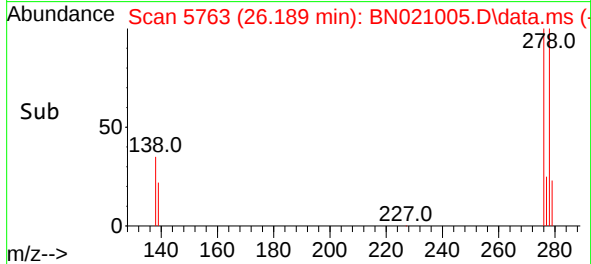
Instrument :
BNA_N
ClientSampleId :
GBJG8MS



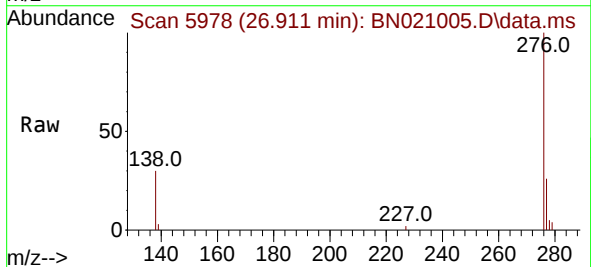
Tgt Ion: 278 Resp: 1022
Ion Ratio Lower Upper
278 100
139 24.4 18.3 27.5
279 27.5 23.9 35.9

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Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#29
Benzo(g,h,i)perylene
Concen: 0.346 ng/ul
RT: 26.911 min Scan# 5978
Delta R.T. -0.019 min
Lab File: BN021005.D
Acq: 05 Aug 2022 01:03



Tgt Ion: 276 Resp: 11561
Ion Ratio Lower Upper
276 100
138 29.8 22.6 34.0
277 25.9 20.2 30.2

