

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050423\
 Data File : BN025268.D
 Acq On : 04 May 2023 17:09
 Operator : CG/JU
 Sample : 02447-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW933

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/05/2023
 Supervised By : Jagrut Upadhyay 05/05/2023

Quant Time: May 05 04:47:22 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	8451	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	26951	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.556	164	17234	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	44037	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.503	240	17231	0.400	ng/ul	# 0.00
23) Perylene-d12	23.943	264	20941	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	20560	2.350	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	6382	0.184	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	10647	0.234	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.770	128	102053	1.478	ng/ul	100
7) 2-Methylnaphthalene	12.382	142	70021	1.655	ng/ul	100
8) 1-Methylnaphthalene	12.601	142	52791	1.171	ng/ul	100
10) Acenaphthylene	14.279	152	144016	2.243	ng/ul	99
11) Acenaphthene	14.621	153	176726	3.266	ng/ul	98
12) Fluorene	15.607	166	189593	3.134	ng/ul	99
14) Pentachlorophenol	16.967	266	946	0.109	ng/ul	99
15) Phenanthrene	17.351	178	1959201	15.762	ng/ul	100
16) Anthracene	17.440	178	412092	4.053	ng/ul	100
19) Fluoranthene	19.373	202	3058112	49.079	ng/ul	99
20) Pyrene	19.735	202	3143359	49.099	ng/ul	98
21) Benzo(a)anthracene	21.488	228	1453517	27.993	ng/ul	98
22) Chrysene	21.541	228	1558040	27.507	ng/ul	98
24) Benzo(b)fluoranthene	23.204	252	2013465m	23.699	ng/ul	
25) Benzo(k)fluoranthene	23.248	252	756707m	9.260	ng/ul	
26) Benzo(a)pyrene	23.844	252	1434026	20.400	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.497	276	1209401	14.932	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.497	278	313416	4.954	ng/ul	97
29) Benzo(g,h,i)perylene	27.289	276	1208247	17.544	ng/ul	99

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

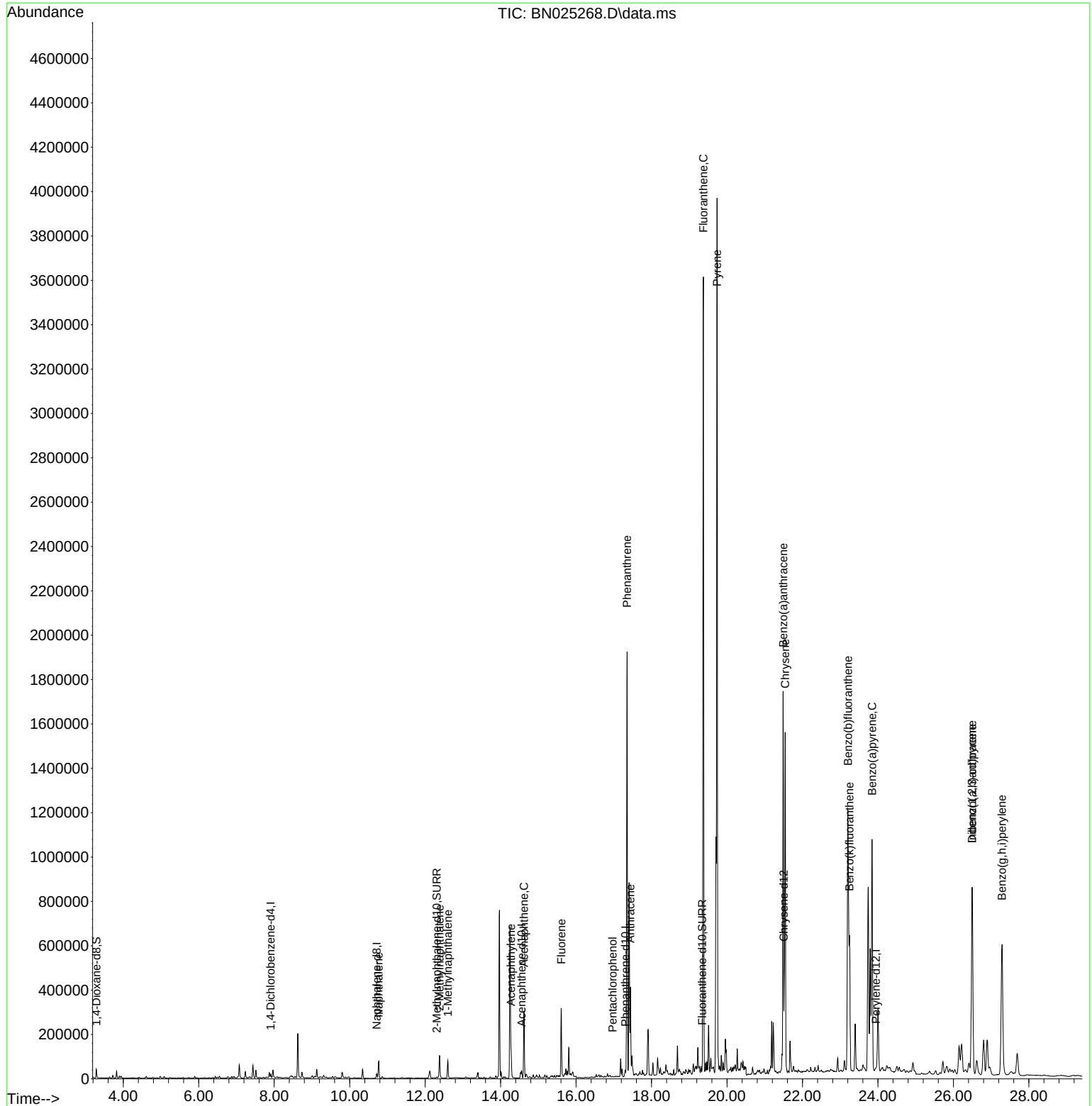
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050423\
Data File : BN025268.D
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ALS Vial : 6 Sample Multiplier: 1

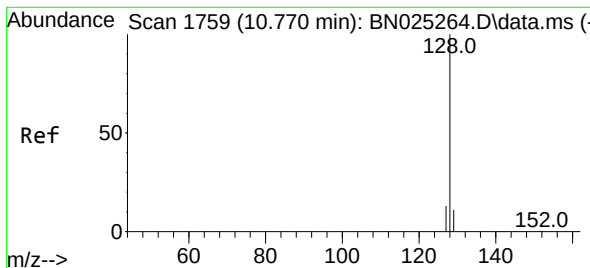
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#5

Naphthalene

Concen: 1.478 ng/ul

RT: 10.770 min Scan# 1759

Delta R.T. 0.002 min

Lab File: BN025268.D

Acq: 04 May 2023 17:09

Instrument :

BNA_N

ClientSampleId :

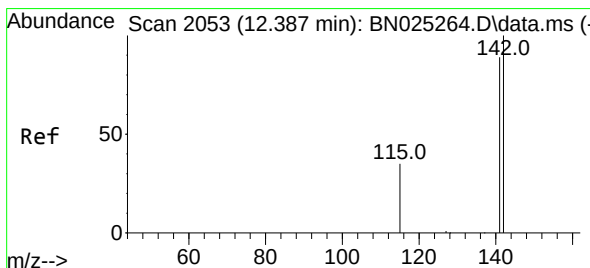
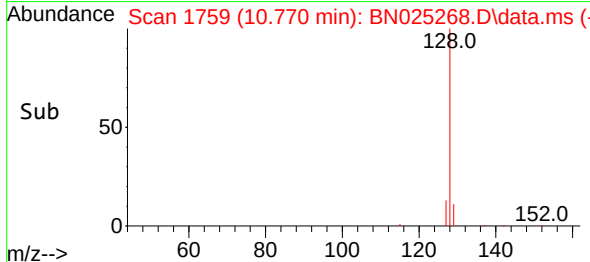
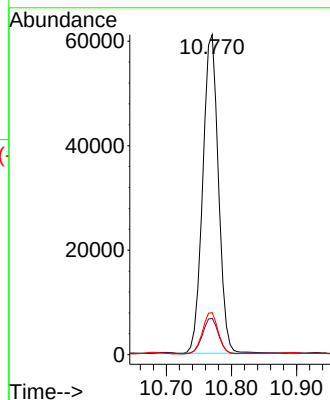
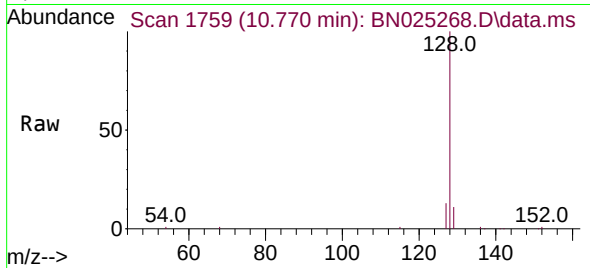
EW933

Tgt Ion:128	Resp: 10205
Ion Ratio	Lower Upper
128 100	
129 11.4	9.0 13.6
127 13.2	10.7 16.1

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#7

2-Methylnaphthalene

Concen: 1.655 ng/ul

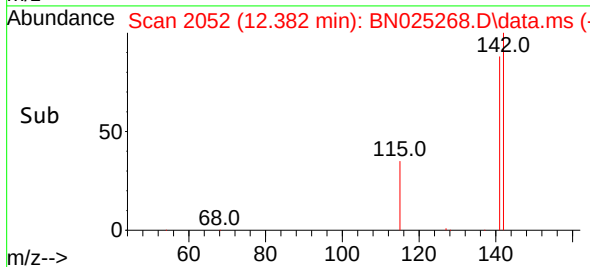
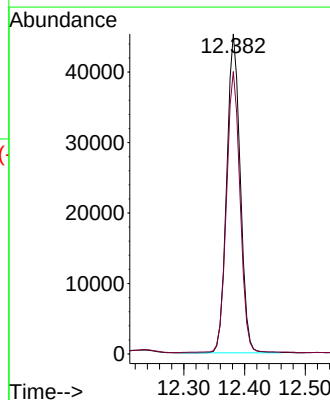
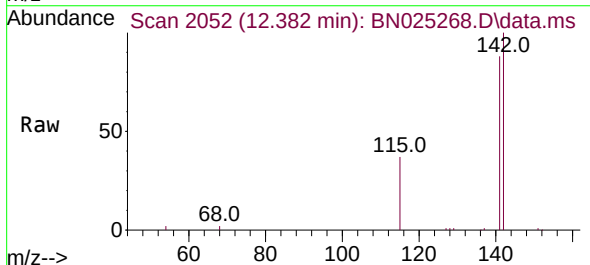
RT: 12.382 min Scan# 2052

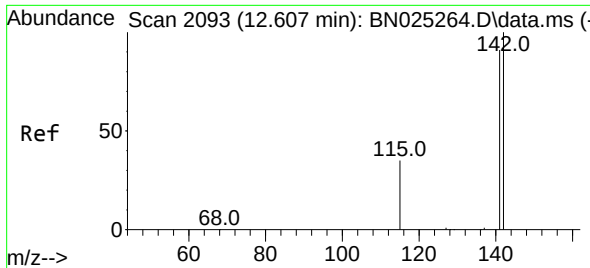
Delta R.T. -0.004 min

Lab File: BN025268.D

Acq: 04 May 2023 17:09

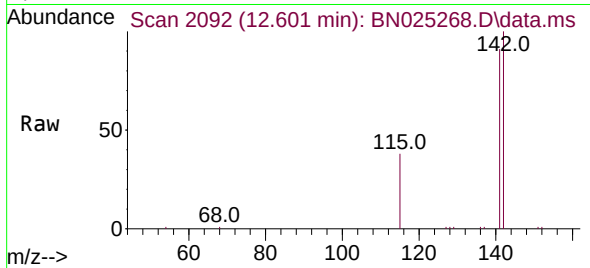
Tgt Ion:142	Resp: 70021
Ion Ratio	Lower Upper
142 100	
141 88.8	71.4 107.0





#8
1-Methylnaphthalene
Concen: 1.171 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.004 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09

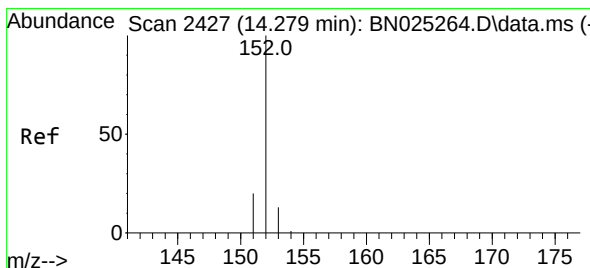
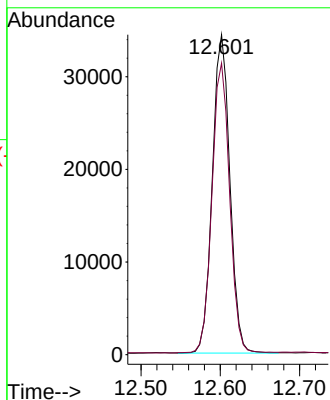
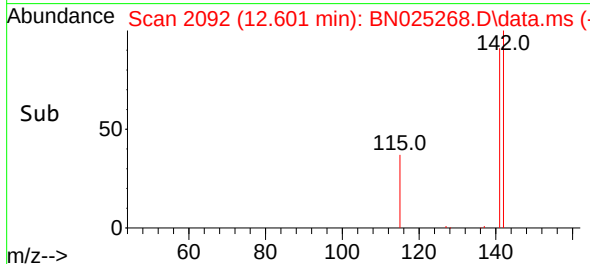
Instrument :
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Tgt Ion:142 Resp: 5279
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.6

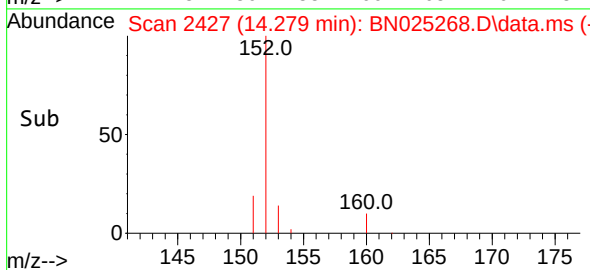
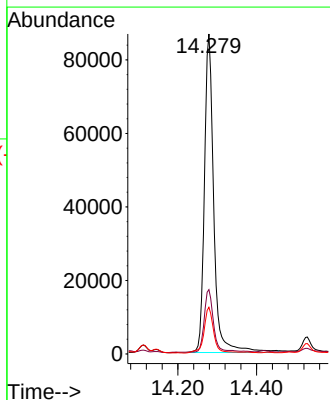
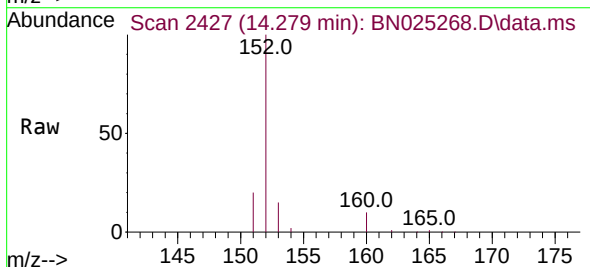
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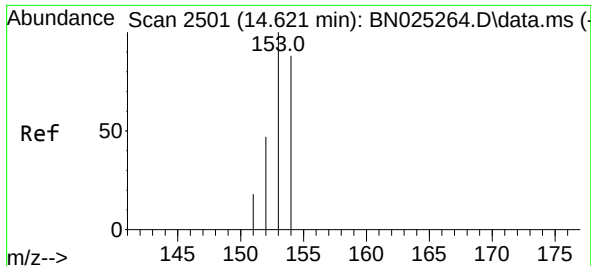
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#10
Acenaphthylene
Concen: 2.243 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. 0.001 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09

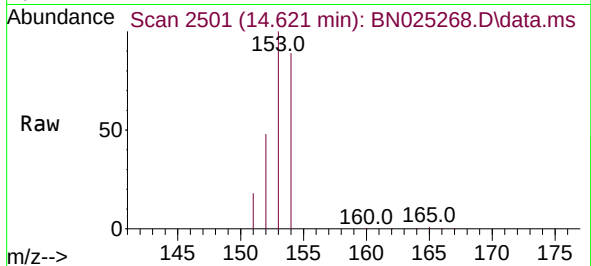
Tgt Ion:152 Resp: 144016
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 14.6 10.8 16.2





#11
Acenaphthene
Concen: 3.266 ng/ul
RT: 14.621 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09

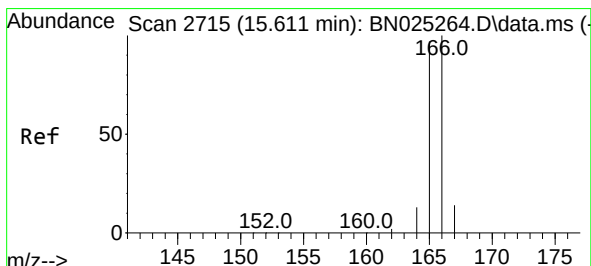
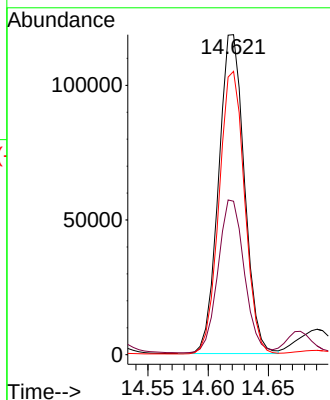
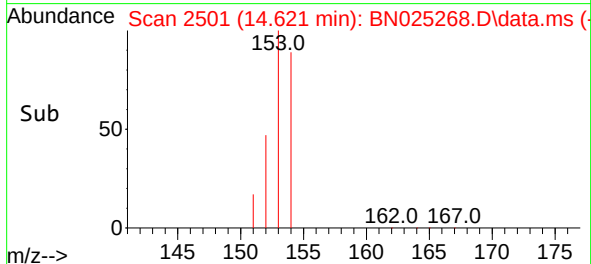
Instrument :
BNA_N
ClientSampleId :
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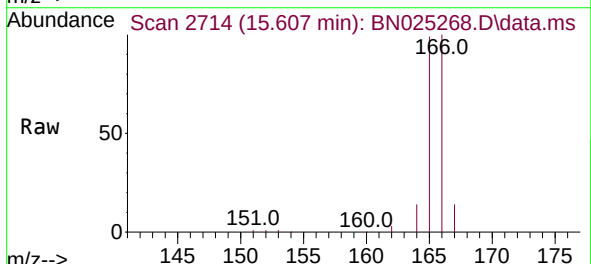
Tgt Ion:153 Resp: 176720
Ion Ratio Lower Upper
153 100
152 47.9 40.2 60.4
154 88.6 69.4 104.2

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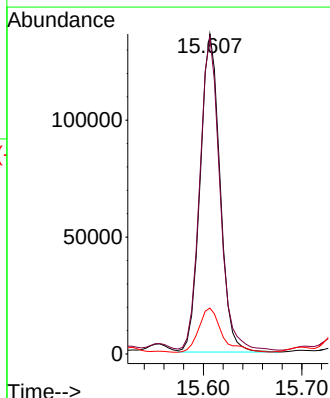
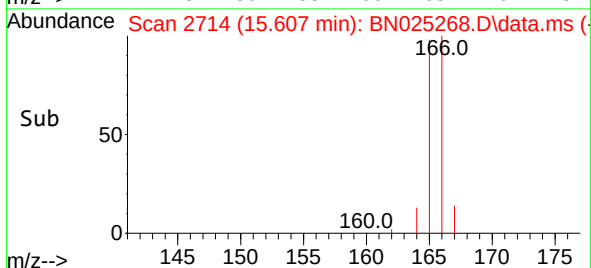
Reviewed By :Christian Giraldo 05/05/2023
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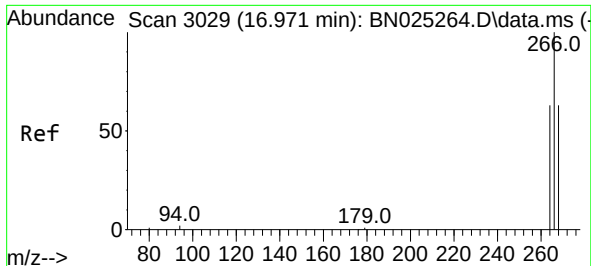


#12
Fluorene
Concen: 3.134 ng/ul
RT: 15.607 min Scan# 2714
Delta R.T. -0.004 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09



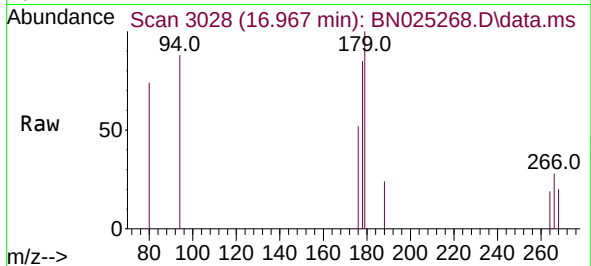
Tgt Ion:166 Resp: 189593
Ion Ratio Lower Upper
166 100
165 99.0 78.1 117.1
167 14.3 11.0 16.6





#14
Pentachlorophenol
Concen: 0.109 ng/ul
RT: 16.967 min Scan# 3028
Delta R.T. 0.001 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09

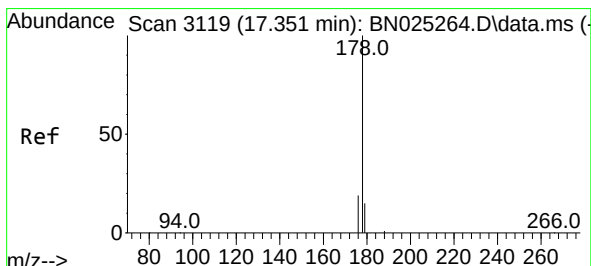
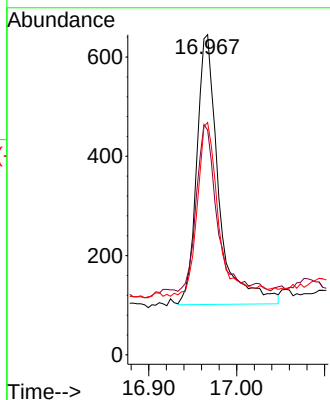
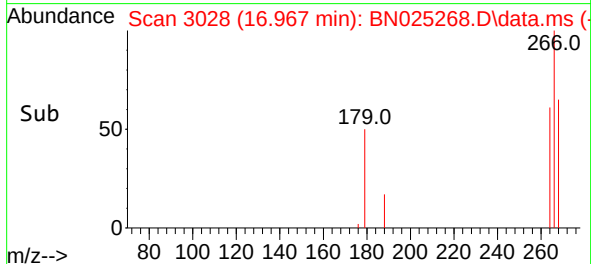
Instrument :
BNA_N
ClientSampleId :
EW933



Tgt Ion:	266	Resp:	940
Ion Ratio	Lower	Upper	
266	100		
264	61.4	49.6	74.4
268	63.8	51.3	76.9

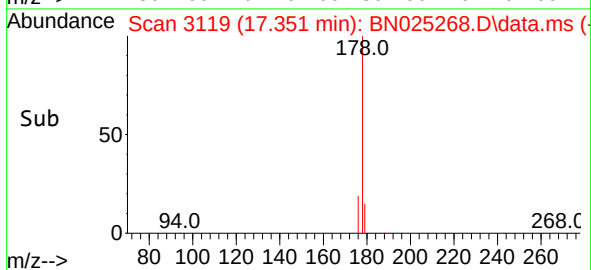
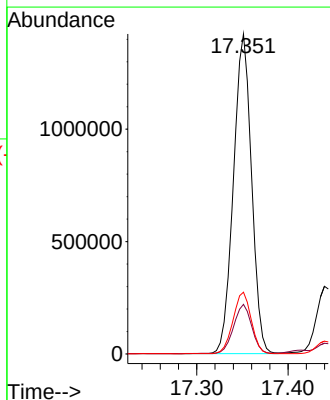
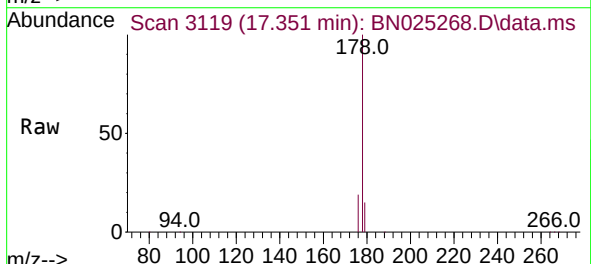
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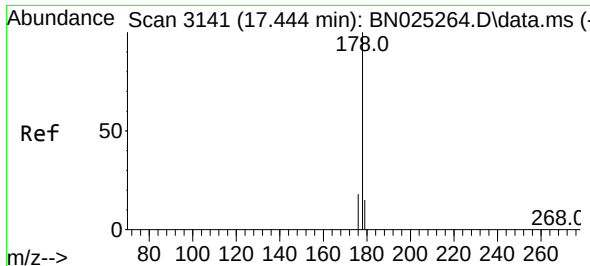
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#15
Phenanthrene
Concen: 15.762 ng/ul
RT: 17.351 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09

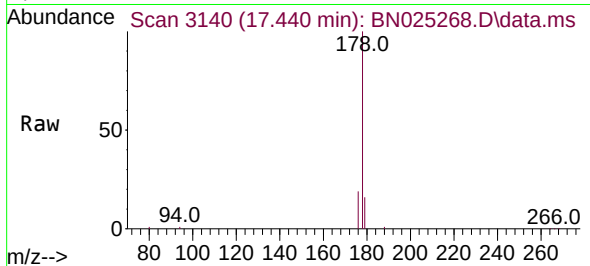
Tgt Ion:	178	Resp:	1959201
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.5	18.7
176	19.3	15.6	23.4





#16
 Anthracene
 Concen: 4.053 ng/u1
 RT: 17.440 min Scan# 3141
 Delta R.T. -0.003 min
 Lab File: BN025268.D
 Acq: 04 May 2023 17:09

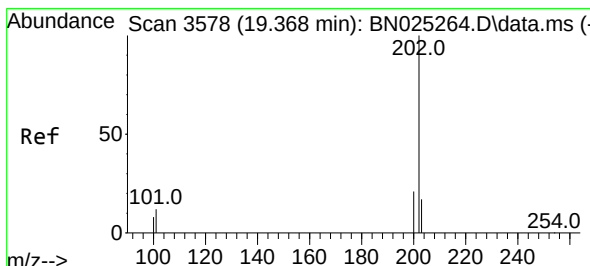
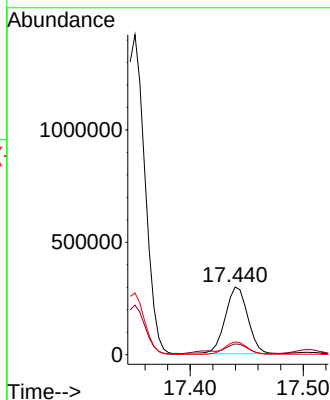
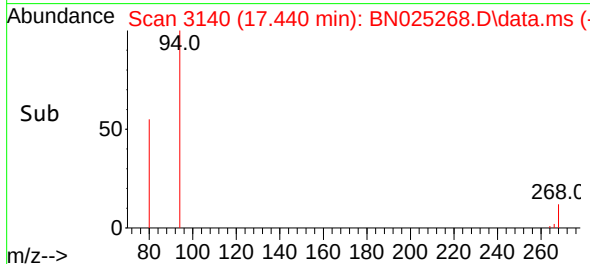
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Tgt Ion:178 Resp: 412092
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.7 19.1
 176 19.0 15.3 22.9

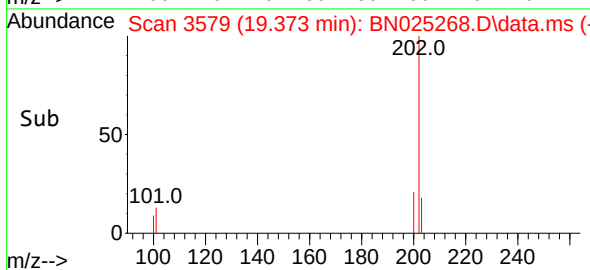
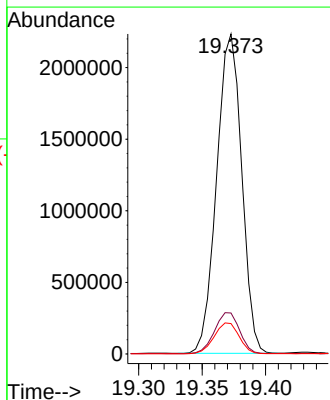
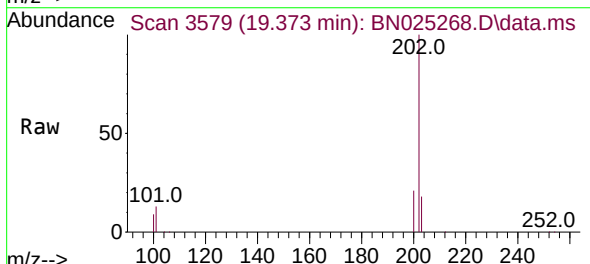
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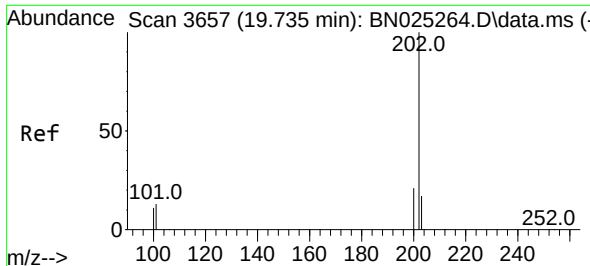
Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023



#19
 Fluoranthene
 Concen: 49.079 ng/u1
 RT: 19.373 min Scan# 3579
 Delta R.T. 0.001 min
 Lab File: BN025268.D
 Acq: 04 May 2023 17:09

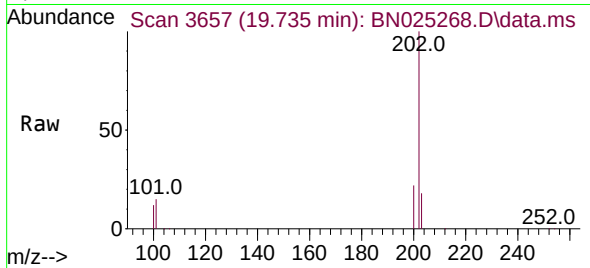
Tgt Ion:202 Resp: 3058112
 Ion Ratio Lower Upper
 202 100
 101 12.8 9.7 14.5
 100 9.5 7.3 10.9





#20
Pyrene
Concen: 49.099 ng/ul
RT: 19.735 min Scan# 30
Delta R.T. 0.001 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09

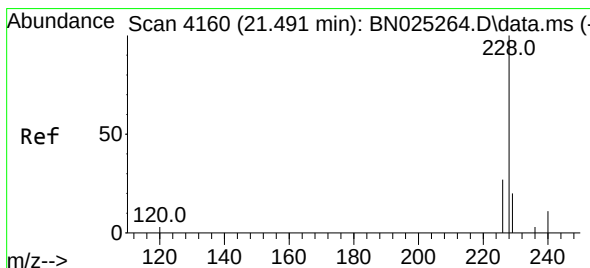
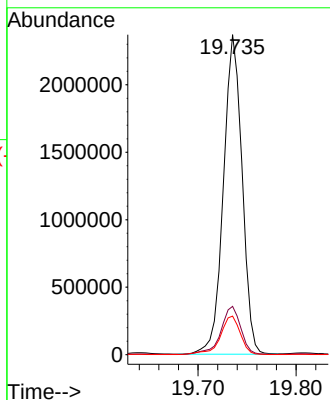
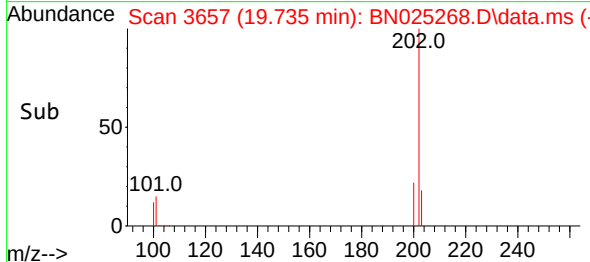
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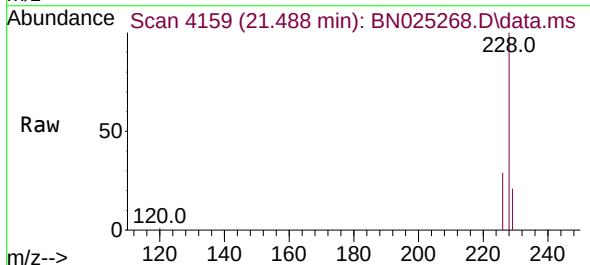
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Ion Ratio Lower Upper
202 100
101 15.1 11.3 16.9
100 12.0 9.2 13.8

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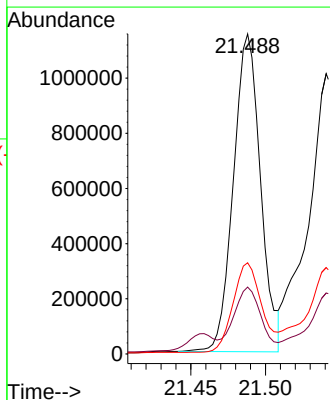
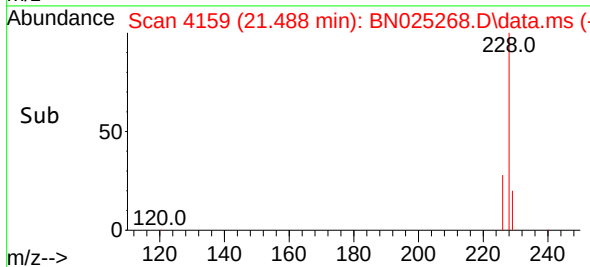
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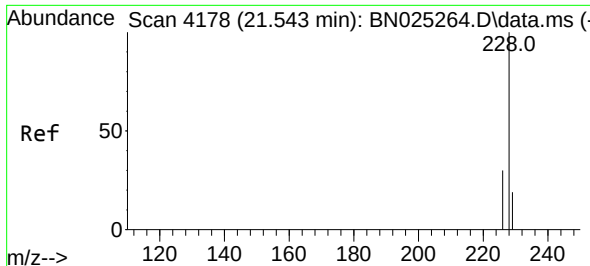


#21
Benzo(a)anthracene
Concen: 27.993 ng/ul
RT: 21.488 min Scan# 4159
Delta R.T. 0.001 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09



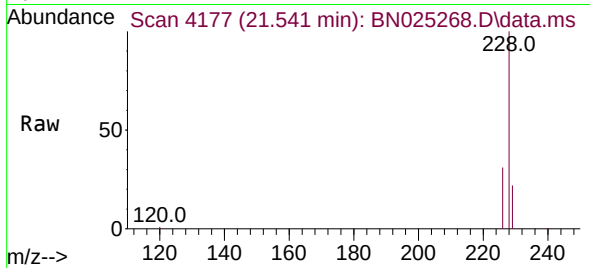
Tgt Ion:228 Resp: 1453517
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 28.5 22.1 33.1





#22
Chrysene
Concen: 27.507 ng/ul
RT: 21.541 min Scan# 4178
Delta R.T. 0.001 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09

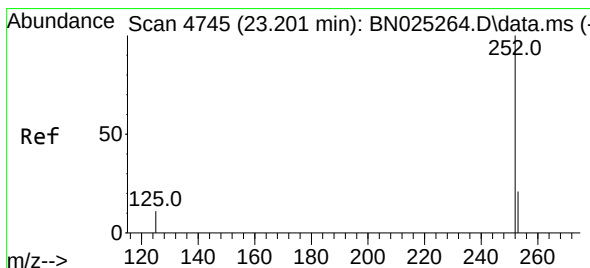
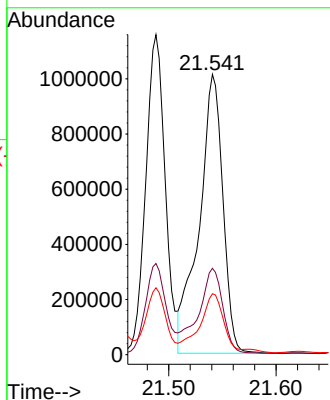
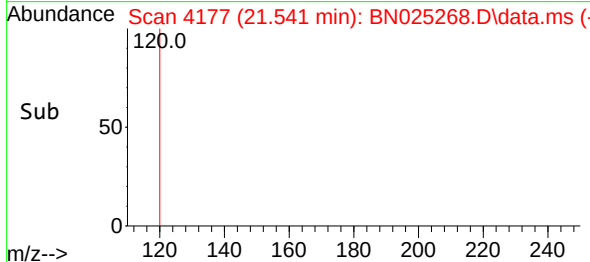
Instrument :
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Tgt Ion:228 Resp: 1558040
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.8 15.8 23.6

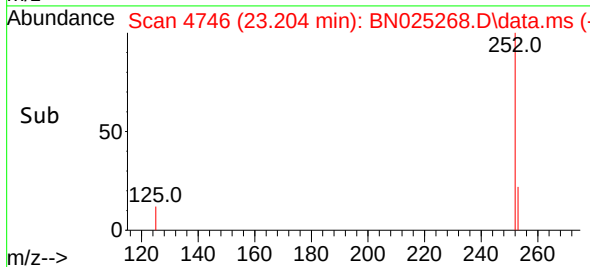
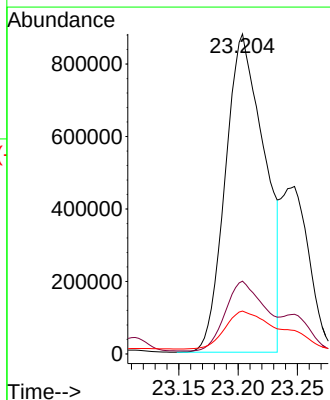
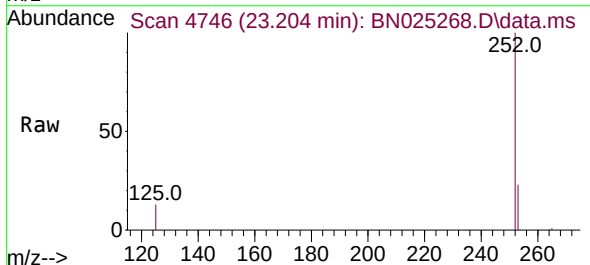
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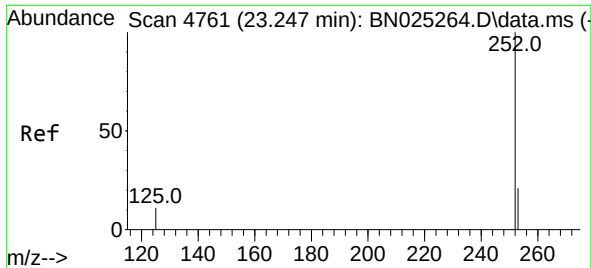
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#24
Benzo(b)fluoranthene
Concen: 23.699 ng/ul m
RT: 23.204 min Scan# 4746
Delta R.T. 0.007 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09

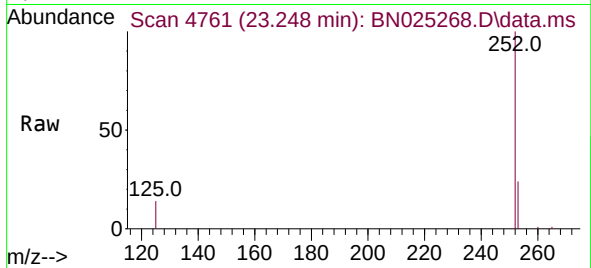
Tgt Ion:252 Resp: 2013465
Ion Ratio Lower Upper
252 100
253 22.7 0.0 50.2
125 13.4 0.0 30.4





#25
Benzo(k)fluoranthene
Concen: 9.260 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. 0.001 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09

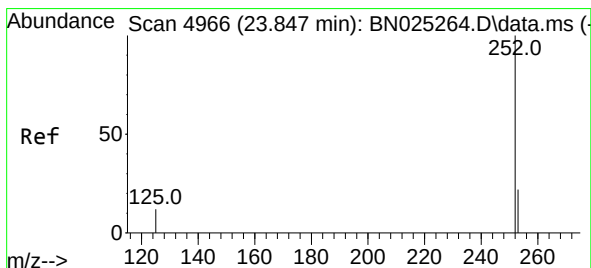
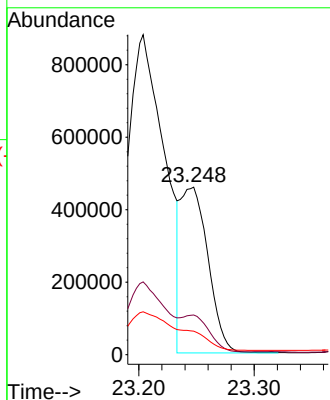
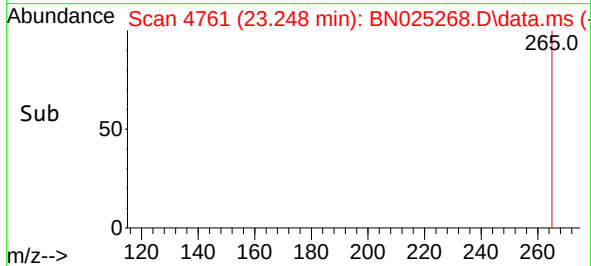
Instrument :
BNA_N
ClientSampleId :
EW933



Tgt Ion:252 Resp: 75670
Ion Ratio Lower Upper
252 100
253 23.7 20.2 30.4
125 14.0 11.8 17.8

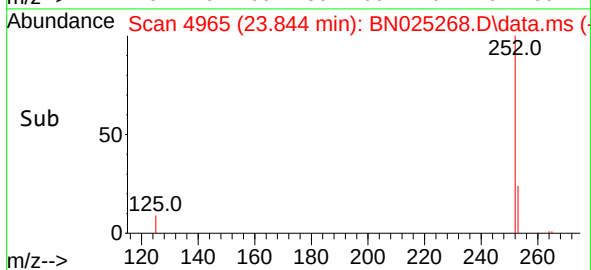
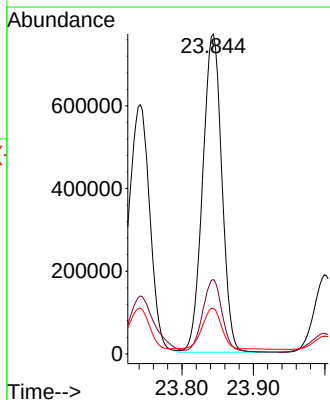
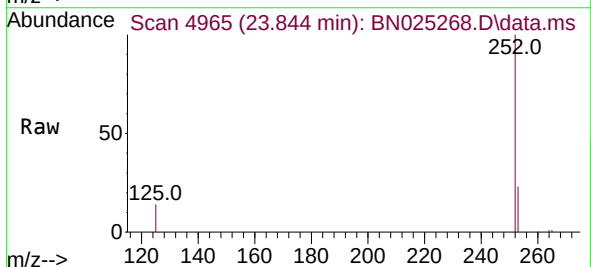
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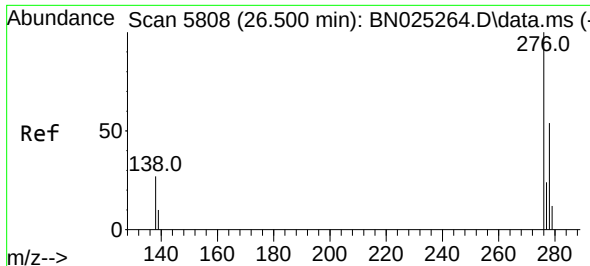
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#26
Benzo(a)pyrene
Concen: 20.400 ng/ul
RT: 23.844 min Scan# 4965
Delta R.T. 0.016 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09

Tgt Ion:252 Resp: 1434026
Ion Ratio Lower Upper
252 100
253 23.3 21.4 32.2
125 14.2 14.6 22.0#





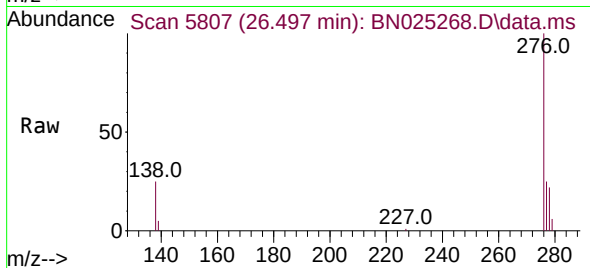
#27
Indeno(1,2,3-cd)pyrene
Concen: 14.932 ng/ul
RT: 26.497 min Scan# 5807
Delta R.T. 0.021 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09

Instrument :

BNA_N

ClientSampleId :

EW933

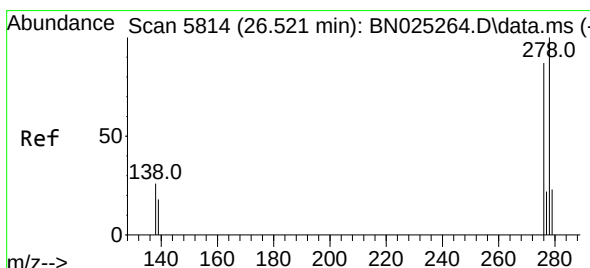
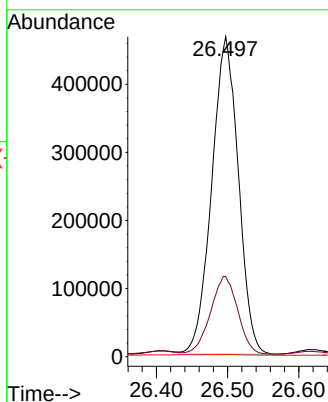
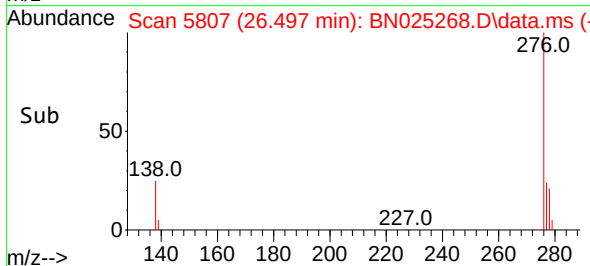


Tgt Ion:276 Resp: 120940
Ion Ratio Lower Upper
276 100
138 25.1 21.9 32.9
227 0.5 0.1 0.1

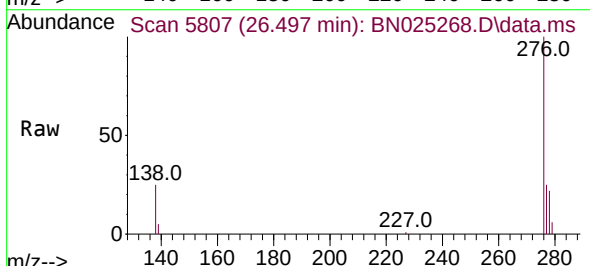
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APPROVED

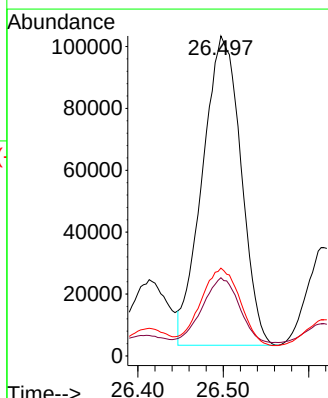
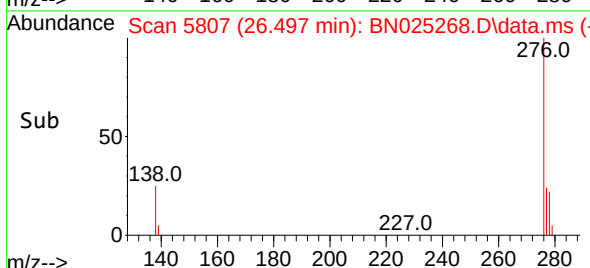
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

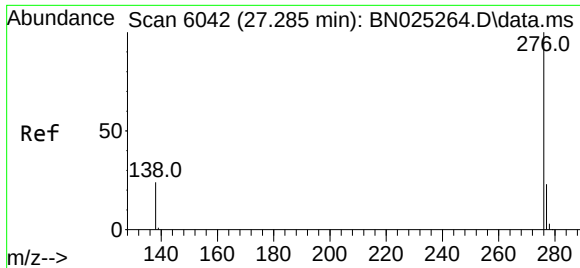


#28
Dibenzo(a,h)anthracene
Concen: 4.954 ng/ul
RT: 26.497 min Scan# 5807
Delta R.T. 0.005 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09



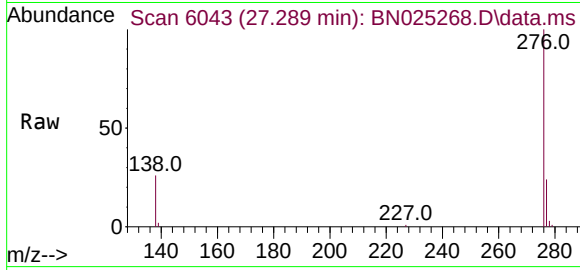
Tgt Ion:278 Resp: 313416
Ion Ratio Lower Upper
278 100
139 24.4 17.0 25.6
279 27.5 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 17.544 ng/ul
RT: 27.289 min Scan# 6043
Delta R.T. 0.028 min
Lab File: BN025268.D
Acq: 04 May 2023 17:09

Instrument :
BNA_N
ClientSampleId :
EW933



Tgt Ion:276 Resp: 120824
Ion Ratio Lower Upper
276 100
138 25.5 20.3 30.5
277 24.2 19.8 29.6

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Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023

