

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025216.D
 Acq On : 02 May 2023 12:37
 Operator : CG/JU
 Sample : 02419-23
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW920

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:28:43 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 : Tue May 02 16:21:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	6786	0.400	ng/ul	0.00
4) Naphthalene-d8	10.720	136	22915	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	17366	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	32492	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.514	240	25344	0.400	ng/ul	# 0.01
23) Perylene-d12	23.963	264	24897	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	23907	3.402	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	8035	0.273	ng/ul	0.00
18) Fluoranthene-d10	19.344	212	20275	0.303	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.770	128	7458	0.127	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	8524	0.237	ng/ul	97
8) 1-Methylnaphthalene	12.607	142	5662	0.148	ng/ul	97
10) Acenaphthylene	14.278	152	23560	0.364	ng/ul#	75
11) Acenaphthene	14.621	153	4920	0.090	ng/ul#	86
12) Fluorene	15.606	166	7521	0.123	ng/ul#	43
15) Phenanthrene	17.351	178	225182	2.455	ng/ul#	89
16) Anthracene	17.444	178	56829	0.757	ng/ul#	51
19) Fluoranthene	19.372	202	494470	5.395	ng/ul#	96
20) Pyrene	19.739	202	501513	5.326	ng/ul	95
21) Benzo(a)anthracene	21.496	228	208682	2.732	ng/ul#	81
22) Chrysene	21.552	228	280111	3.362	ng/ul#	84
24) Benzo(b)fluoranthene	23.218	252	295735m	2.928	ng/ul	
25) Benzo(k)fluoranthene	23.259	252	93657m	0.964	ng/ul	
26) Benzo(a)pyrene	23.858	252	172713	2.067	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.507	276	125303	1.301	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.513	278	30784	0.409	ng/ul#	26
29) Benzo(g,h,i)perylene	27.291	276	108025	1.319	ng/ul#	90

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

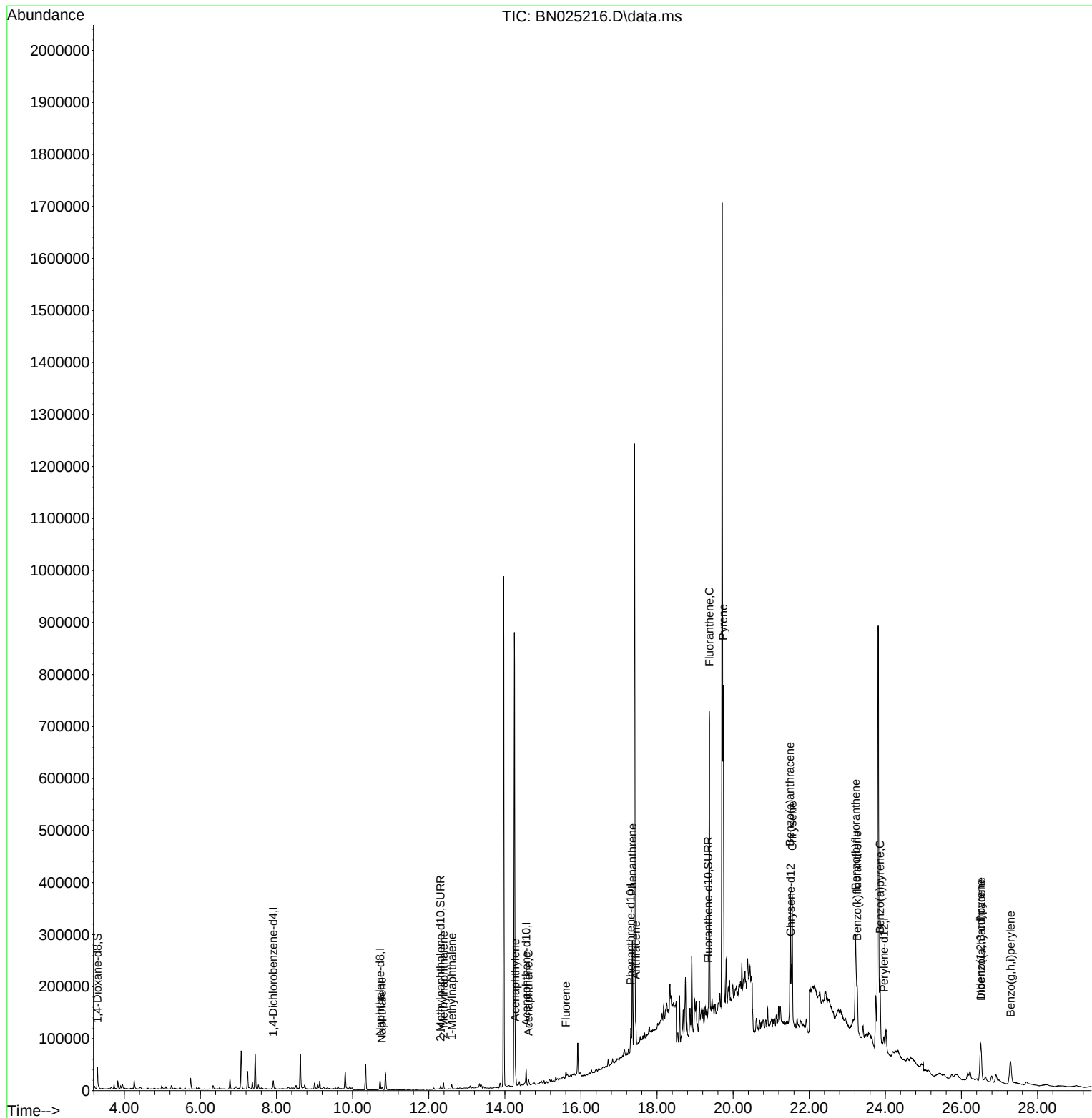
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
Data File : BN025216.D
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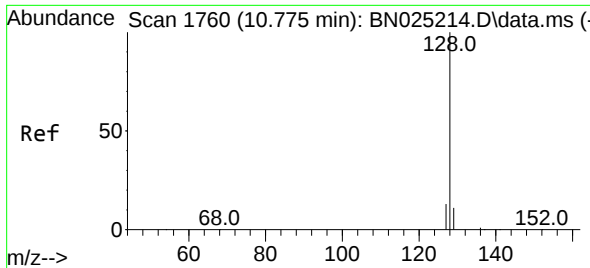
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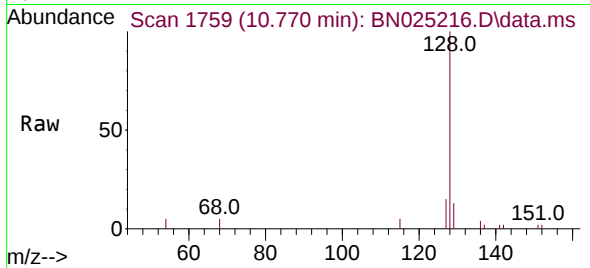
Quant Time: May 03 02:28:43 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 16:21:17 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.127 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. -0.006 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

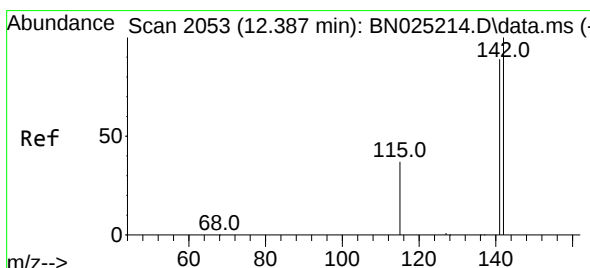
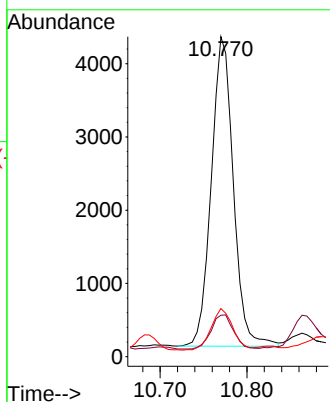
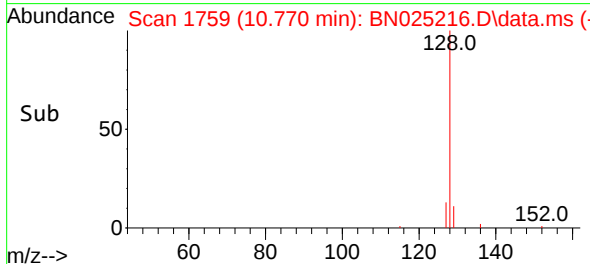
Instrument :
BNA_N
ClientSampleId :
EW920



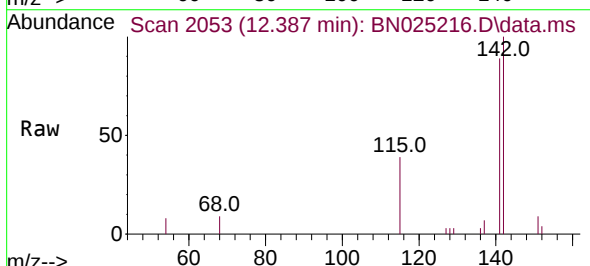
Tgt Ion:128 Resp: 7458
Ion Ratio Lower Upper
128 100
129 13.0 9.0 13.6
127 15.0 10.7 16.1

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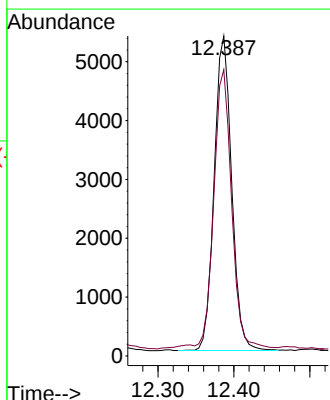
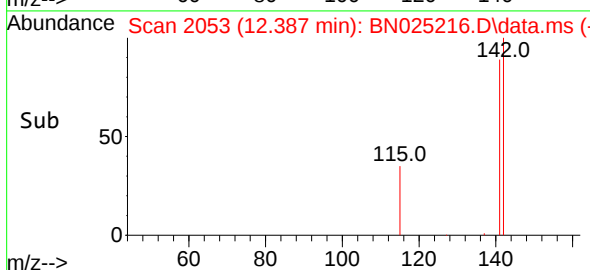
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

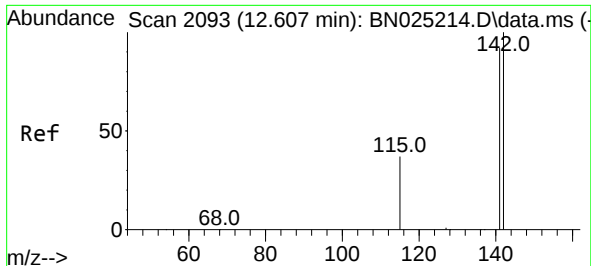


#7
2-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37



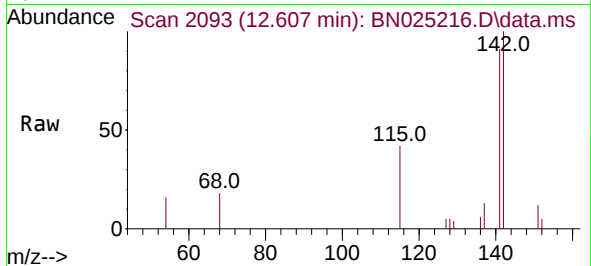
Tgt Ion:142 Resp: 8524
Ion Ratio Lower Upper
142 100
141 91.8 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.148 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

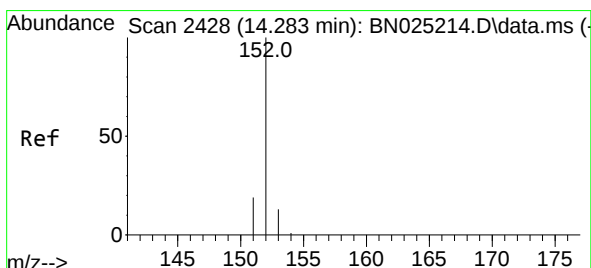
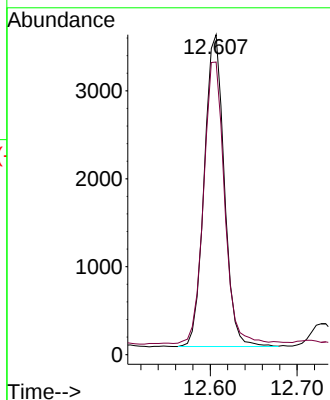
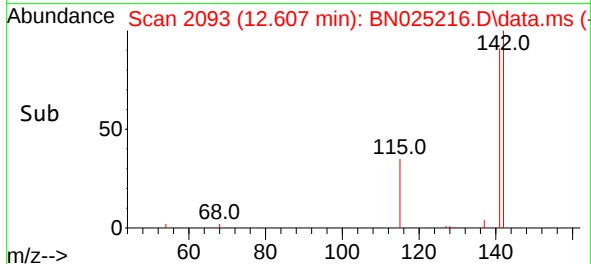
Instrument :
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Tgt Ion:142 Resp: 5662
Ion Ratio Lower Upper
142 100
141 95.4 73.8 110.6

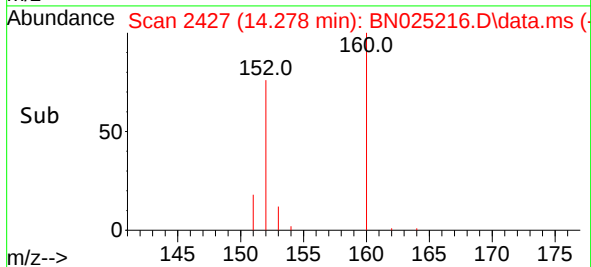
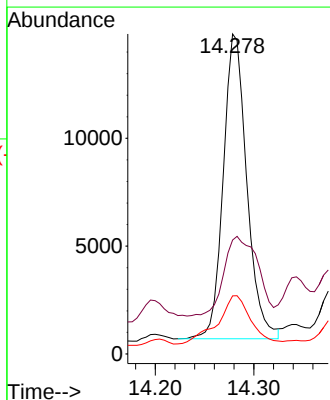
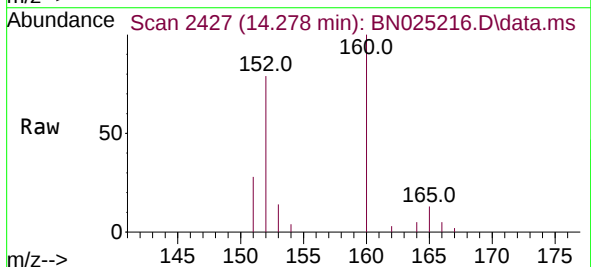
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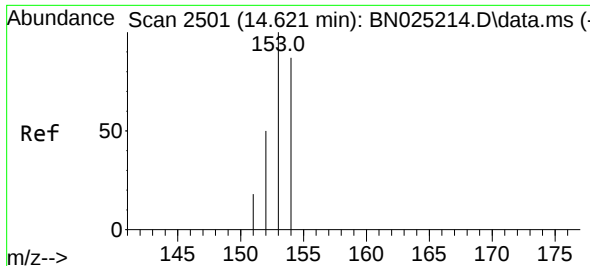
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#10
Acenaphthylene
Concen: 0.364 ng/ul
RT: 14.278 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

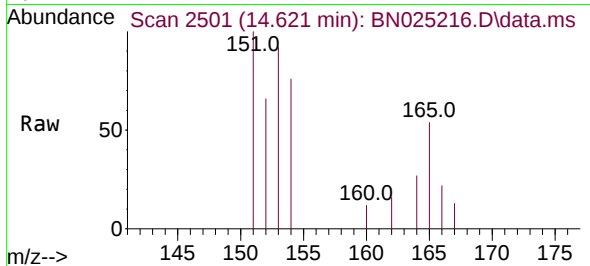
Tgt Ion:152 Resp: 23560
Ion Ratio Lower Upper
152 100
151 35.6 16.0 24.0#
153 18.1 10.8 16.2#





#11
Acenaphthene
Concen: 0.090 ng/u1
RT: 14.621 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

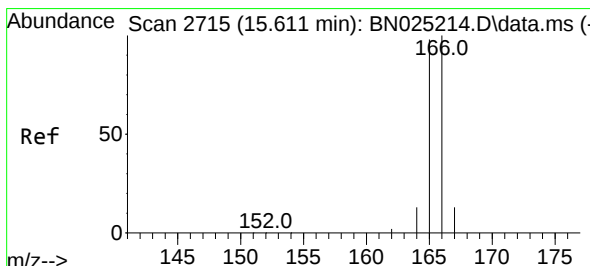
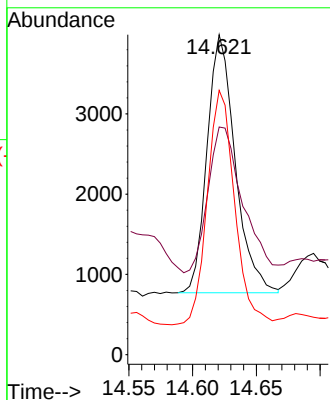
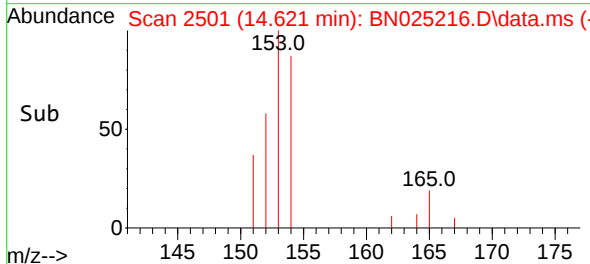
Instrument :
BNA_N
ClientSampleId :
EW920



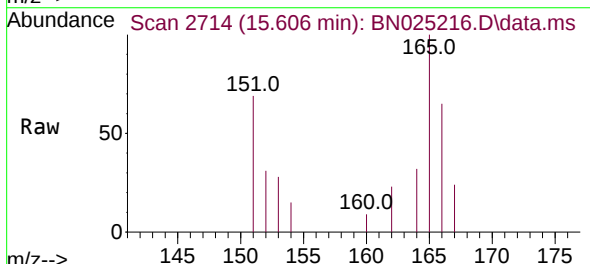
Tgt Ion:153 Resp: 4920
Ion Ratio Lower Upper
153 100
152 71.2 40.2 60.4#
154 82.6 69.4 104.2#

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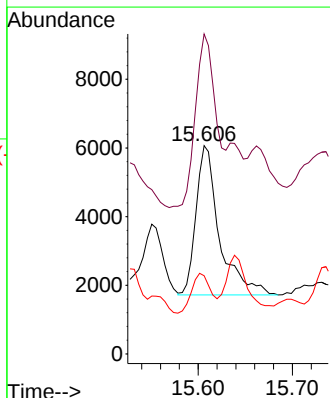
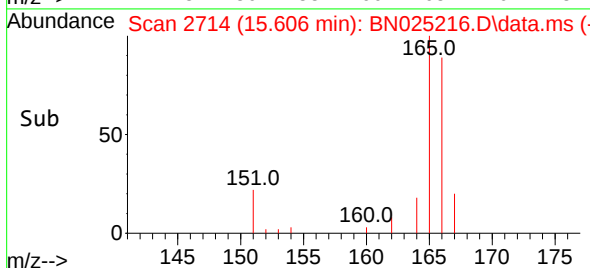
Reviewed By :Christian Giraldo 05/03/2023
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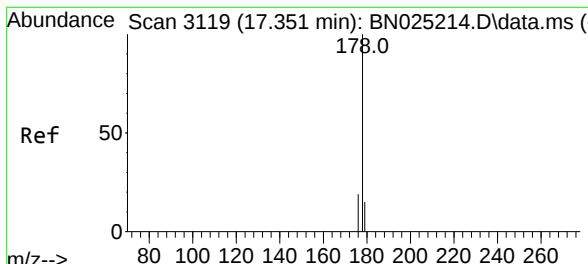


#12
Fluorene
Concen: 0.123 ng/u1
RT: 15.606 min Scan# 2714
Delta R.T. -0.005 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37



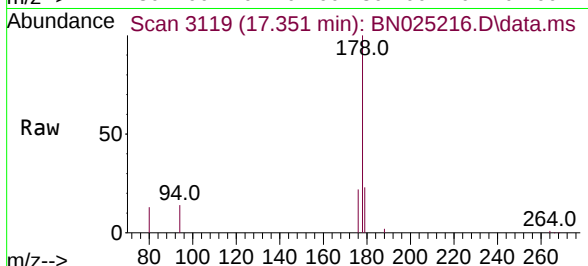
Tgt Ion:166 Resp: 7521
Ion Ratio Lower Upper
166 100
165 153.6 78.1 117.1#
167 37.5 11.0 16.6#





#15
 Phenanthrene
 Concen: 2.455 ng/ul
 RT: 17.351 min Scan# 3119
 Delta R.T. -0.000 min
 Lab File: BN025216.D
 Acq: 02 May 2023 12:37

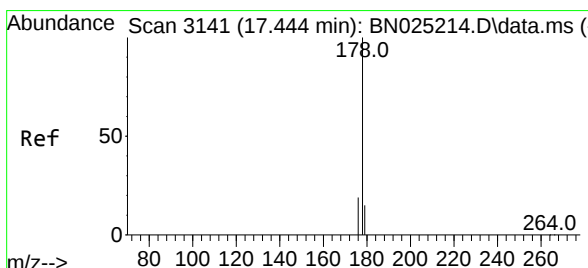
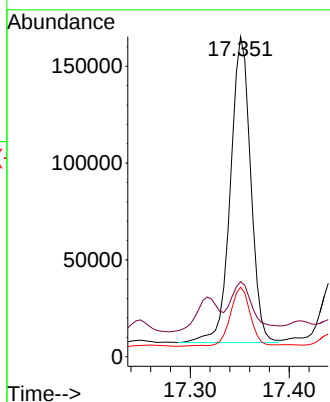
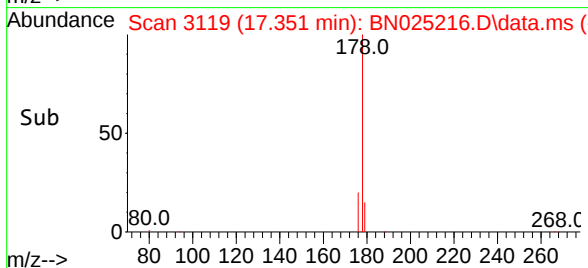
Instrument :
 BNA_N
 ClientSampleId :
 EW920



Tgt Ion:	178	Resp:	22518
Ion Ratio	Lower	Upper	
178	100		
179	23.5	12.5	18.7
176	21.7	15.6	23.4

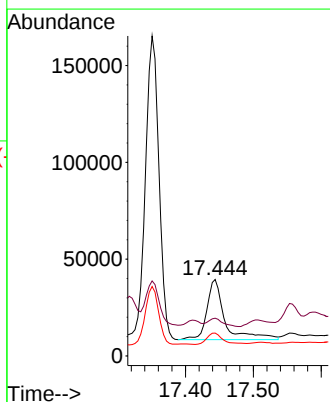
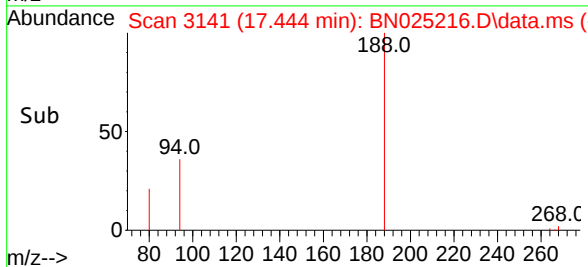
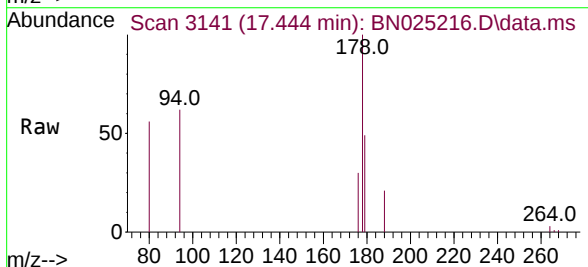
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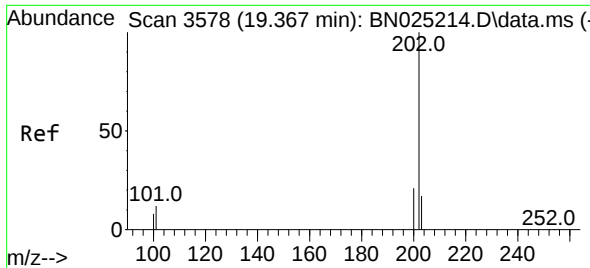
Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



#16
 Anthracene
 Concen: 0.757 ng/ul
 RT: 17.444 min Scan# 3141
 Delta R.T. -0.000 min
 Lab File: BN025216.D
 Acq: 02 May 2023 12:37

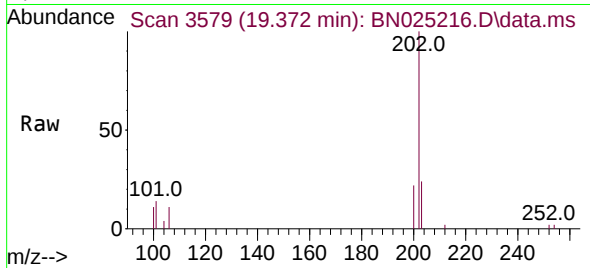
Tgt Ion:	178	Resp:	56829
Ion Ratio	Lower	Upper	
178	100		
179	49.4	12.7	19.1
176	30.0	15.3	22.9





#19
Fluoranthene
Concen: 5.395 ng/u1
RT: 19.372 min Scan# 3579
Delta R.T. 0.005 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

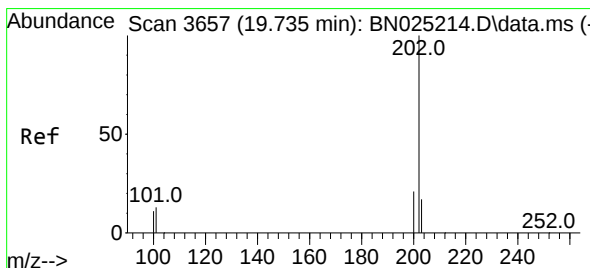
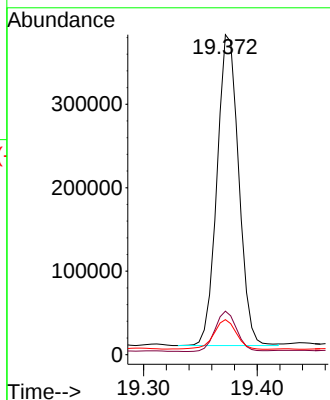
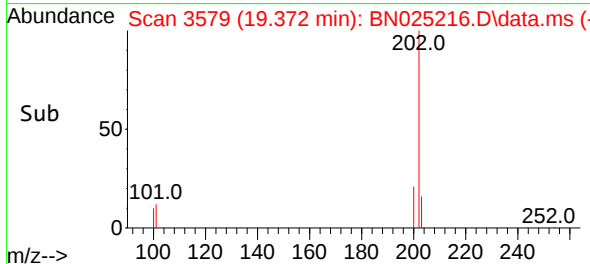
Instrument :
BNA_N
ClientSampleId :
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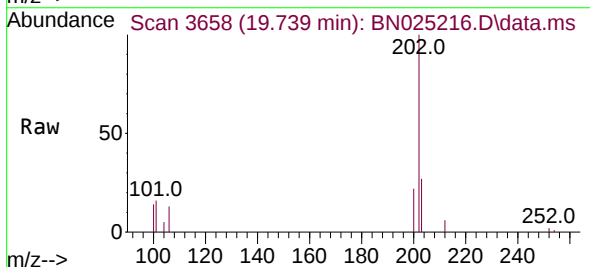
Tgt Ion:202 Resp: 494470
Ion Ratio Lower Upper
202 100
101 13.6 9.7 14.5
100 11.0 7.3 10.9

Manual Integrations
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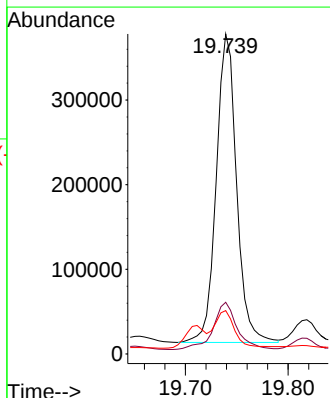
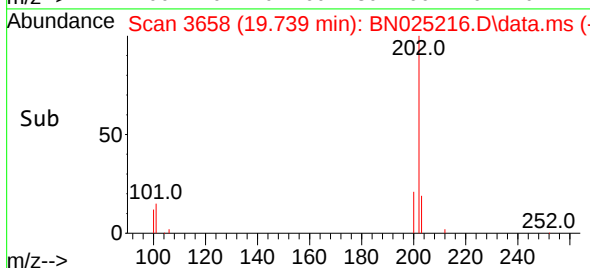
Reviewed By :Christian Giraldo 05/03/2023
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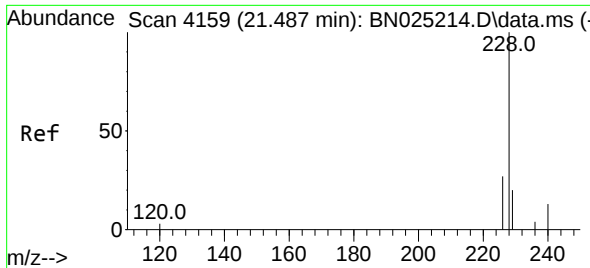


#20
Pyrene
Concen: 5.326 ng/u1
RT: 19.739 min Scan# 3658
Delta R.T. 0.005 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37



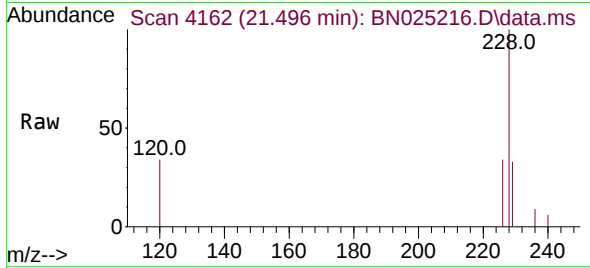
Tgt Ion:202 Resp: 501513
Ion Ratio Lower Upper
202 100
101 16.1 11.3 16.9
100 13.6 9.2 13.8





#21
Benzo(a)anthracene
Concen: 2.732 ng/u1
RT: 21.496 min Scan# 4159
Delta R.T. 0.009 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

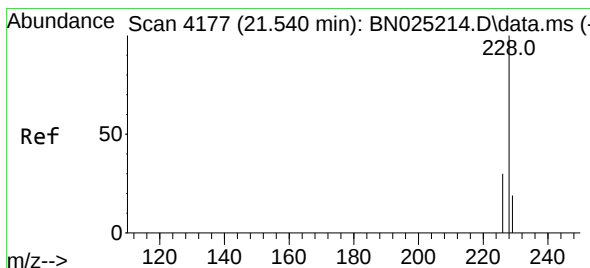
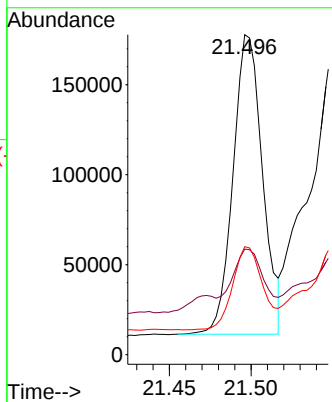
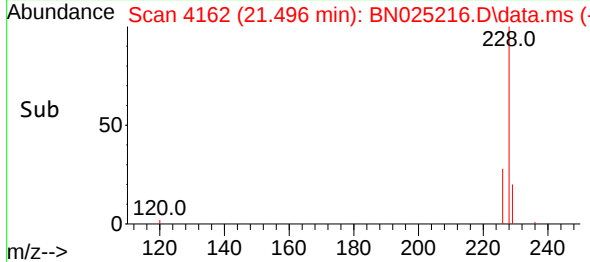
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EW920



Tgt Ion:228 Resp: 20868
Ion Ratio Lower Upper
228 100
229 33.0 15.6 23.4
226 33.8 22.1 33.1

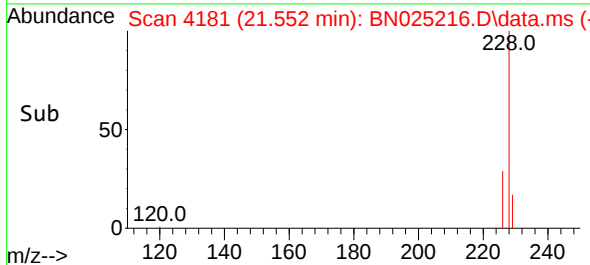
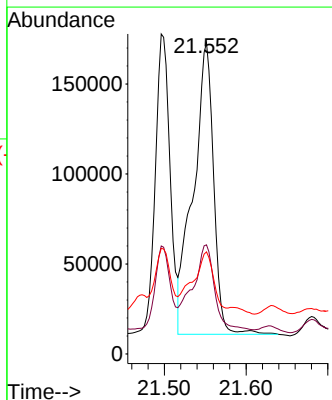
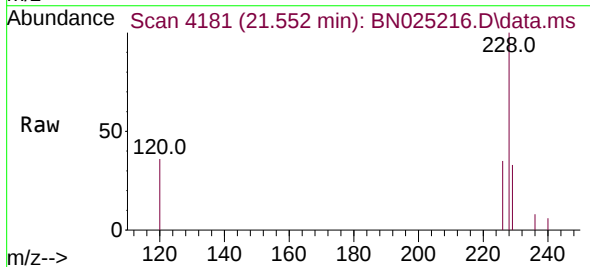
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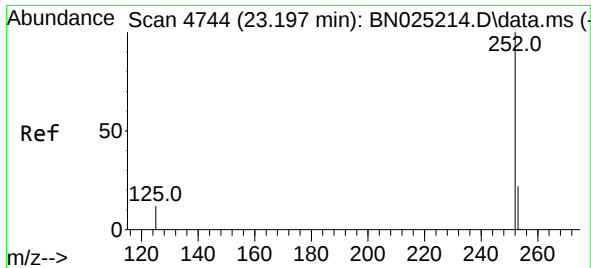
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#22
Chrysene
Concen: 3.362 ng/u1
RT: 21.552 min Scan# 4181
Delta R.T. 0.012 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

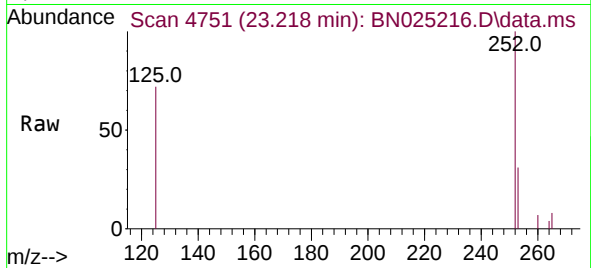
Tgt Ion:228 Resp: 280111
Ion Ratio Lower Upper
228 100
226 35.1 24.5 36.7
229 32.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.928 ng/ul m
RT: 23.218 min Scan# 4751
Delta R.T. 0.020 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

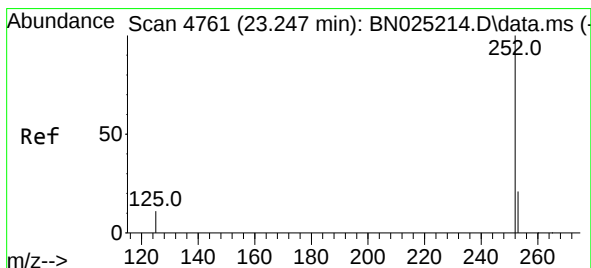
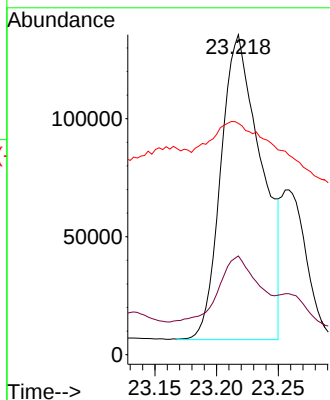
Instrument :
BNA_N
ClientSampleId :
EW920



Tgt Ion:252 Resp: 295735
Ion Ratio Lower Upper
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253 30.9 0.0 50.2
125 72.3 0.0 30.4

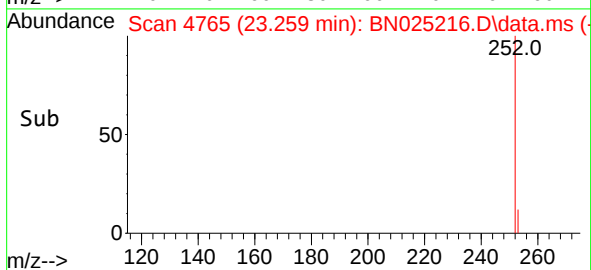
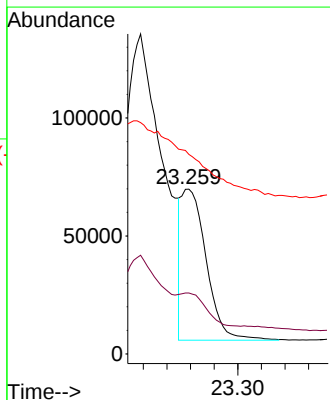
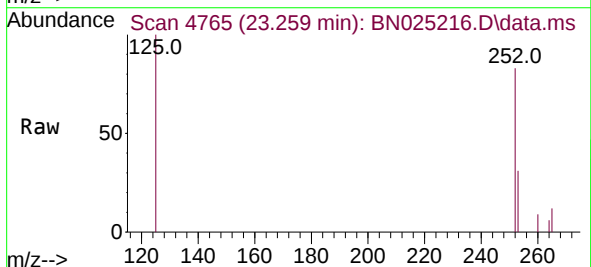
Manual Integrations
APPROVED

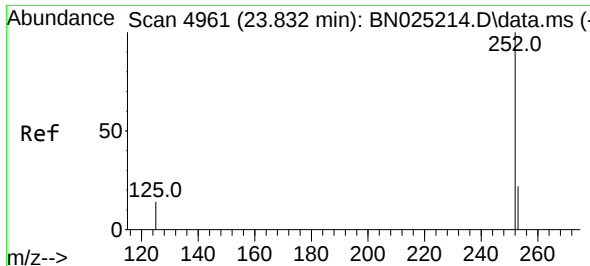
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#25
Benzo(k)fluoranthene
Concen: 0.964 ng/ul m
RT: 23.259 min Scan# 4765
Delta R.T. 0.012 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

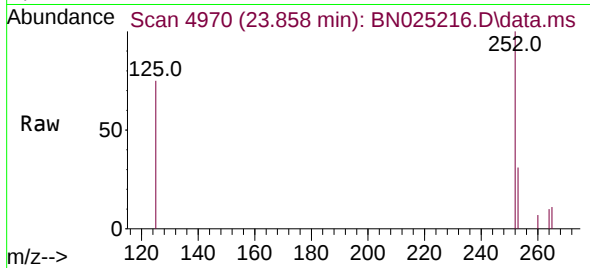
Tgt Ion:252 Resp: 93657
Ion Ratio Lower Upper
252 100
253 37.0 20.2 30.4#
125 121.0 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 2.067 ng/ul
RT: 23.858 min Scan# 4961
Delta R.T. 0.026 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

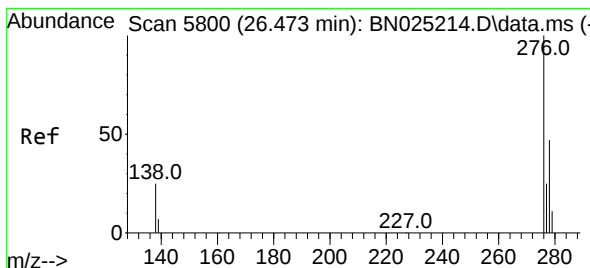
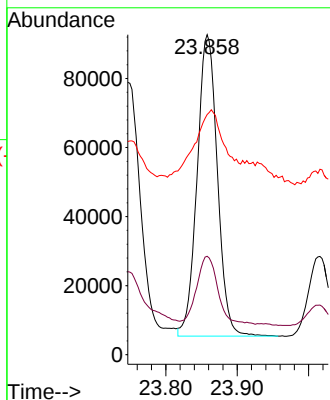
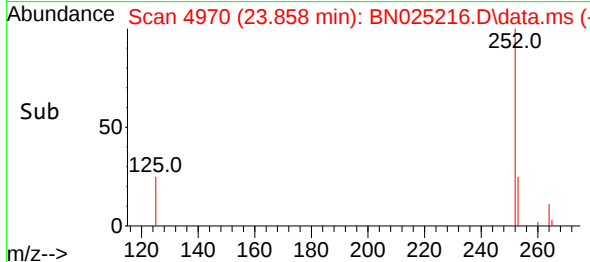
Instrument :
BNA_N
ClientSampleId :
EW920



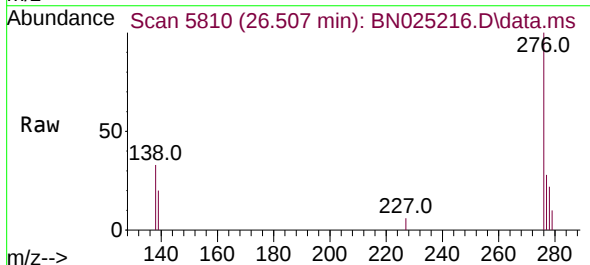
Tgt Ion:252 Resp: 172711
Ion Ratio Lower Upper
252 100
253 30.8 21.4 32.2
125 75.1 14.6 22.0

Manual Integrations
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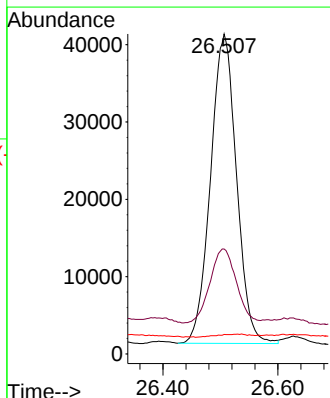
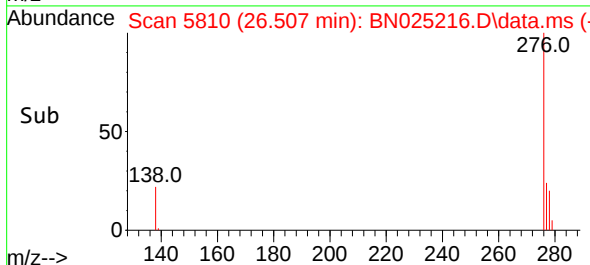
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

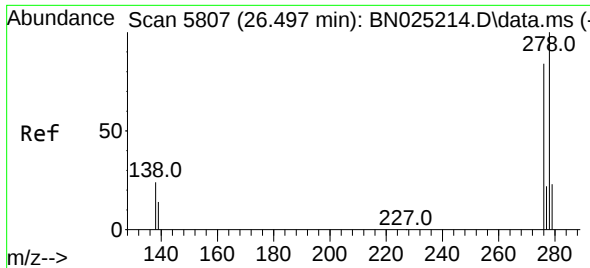


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.301 ng/ul
RT: 26.507 min Scan# 5810
Delta R.T. 0.034 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37



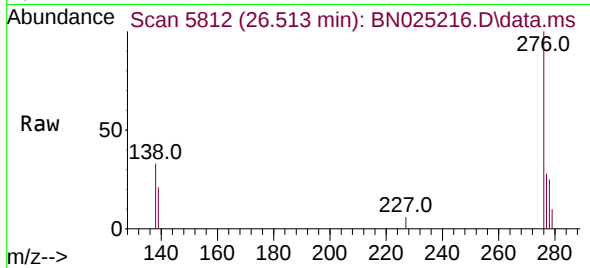
Tgt Ion:276 Resp: 125303
Ion Ratio Lower Upper
276 100
138 25.4 21.9 32.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 26.513 min Scan# 5812
Delta R.T. 0.017 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37

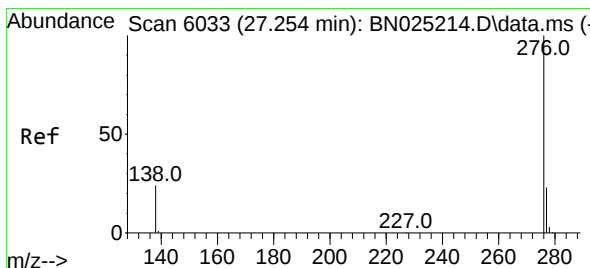
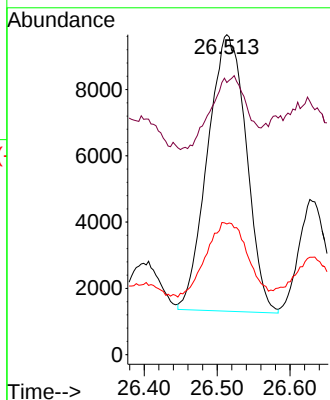
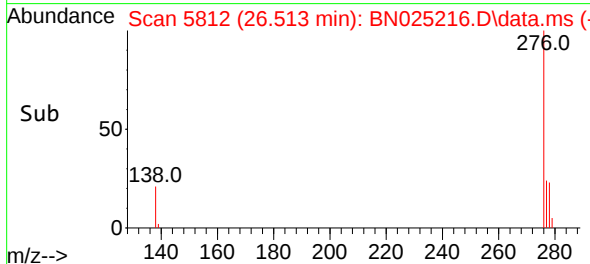
Instrument :
BNA_N
ClientSampleId :
EW920



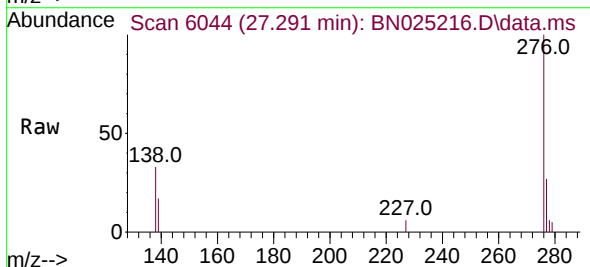
Tgt Ion:278 Resp: 30784
Ion Ratio Lower Upper
278 100
139 85.1 17.0 25.6
279 40.8 21.8 32.8

Manual Integrations
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Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#29
Benzo(g,h,i)perylene
Concen: 1.319 ng/ul
RT: 27.291 min Scan# 6044
Delta R.T. 0.037 min
Lab File: BN025216.D
Acq: 02 May 2023 12:37



Tgt Ion:276 Resp: 108025
Ion Ratio Lower Upper
276 100
138 33.1 20.3 30.5
277 27.2 19.8 29.6

