

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026216.D
 Acq On : 03 Jul 2023 08:49
 Operator : MA/JU
 Sample : 03244-19
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGF8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 03 09:30:42 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7502	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.759	136	24019	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.594	164	14431	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	29493	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	16396	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	16700	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	29707	3.516	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.354	152	8695	0.235	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	17123	0.274	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	24245	0.352	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	12539	0.286	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	8175	0.180	ng/ul	100
10) Acenaphthylene	14.316	152	47909	0.709	ng/ul	99
11) Acenaphthene	14.659	153	11386	0.206	ng/ul	99
12) Fluorene	15.644	166	12786	0.202	ng/ul#	98
15) Phenanthrene	17.386	178	393092	4.035	ng/ul	99
16) Anthracene	17.474	178	75061	0.867	ng/ul	99
19) Fluoranthene	19.401	202	1065380	12.165	ng/ul	98
20) Pyrene	19.768	202	837697	9.197	ng/ul	94
21) Benzo(a)anthracene	21.521	228	404549	5.981	ng/ul	98
22) Chrysene	21.576	228	454937	6.464	ng/ul	98
24) Benzo(b)fluoranthene	23.245	252	673476m	9.449	ng/ul	
25) Benzo(k)fluoranthene	23.292	252	226039m	3.158	ng/ul	
26) Benzo(a)pyrene	23.889	252	409073	6.608	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.558	276	326246	4.825	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.565	278	81551	1.594	ng/ul	93
29) Benzo(g,h,i)perylene	27.360	276	310491	5.162	ng/ul	93

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

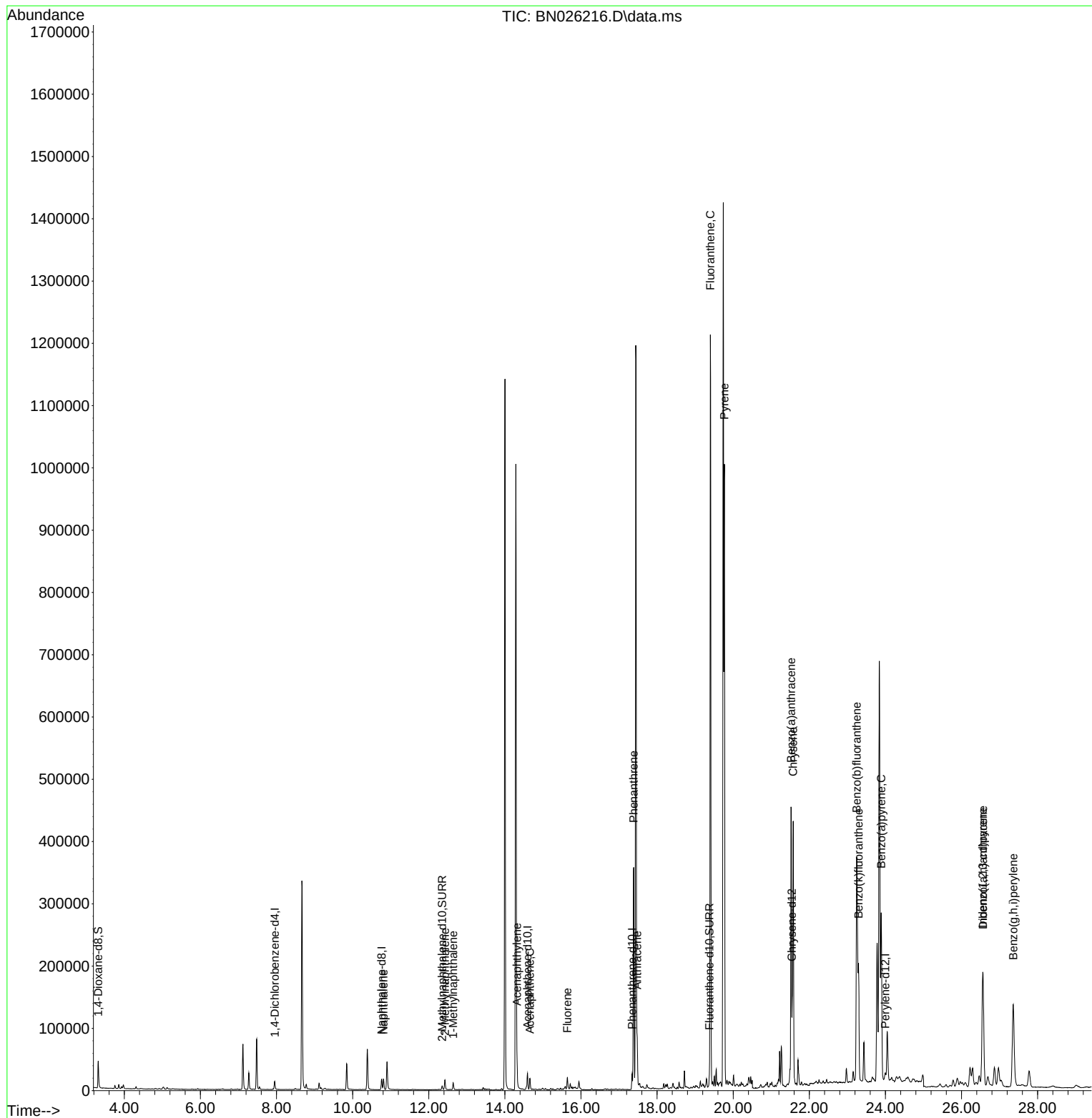
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026216.D
Acq On : 03 Jul 2023 08:49
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ALS Vial : 73 Sample Multiplier: 1

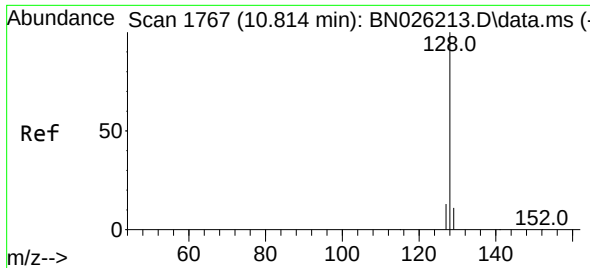
Instrument :
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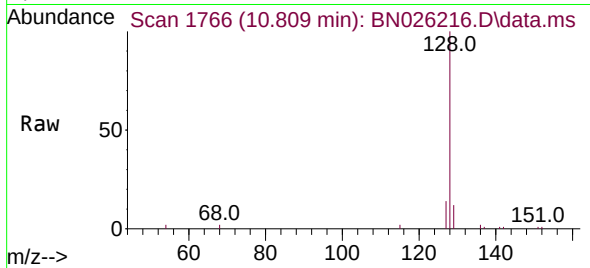
Quant Time: Jul 03 09:30:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
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#5
Naphthalene
Concen: 0.352 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.016 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49

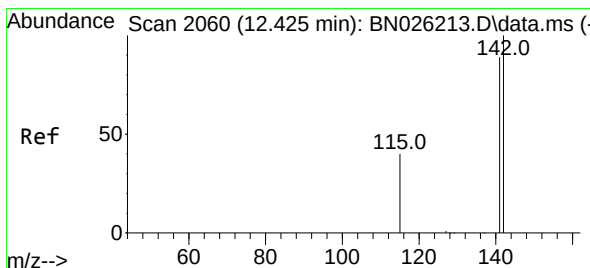
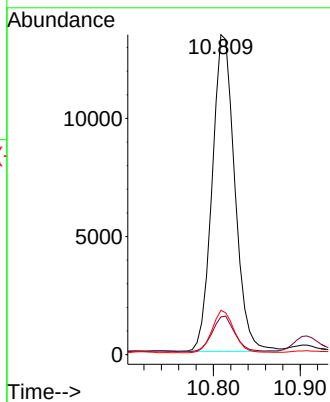
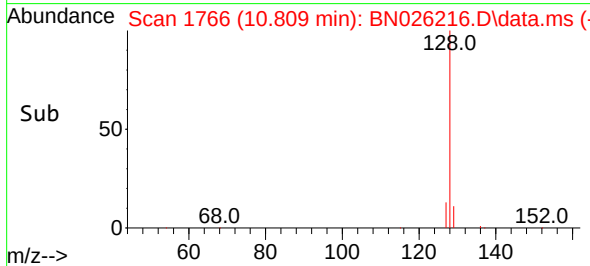
Instrument :
BNA_N
ClientSampleId :
DCGF8



Tgt Ion:128 Resp: 2424
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.8 10.7 16.1

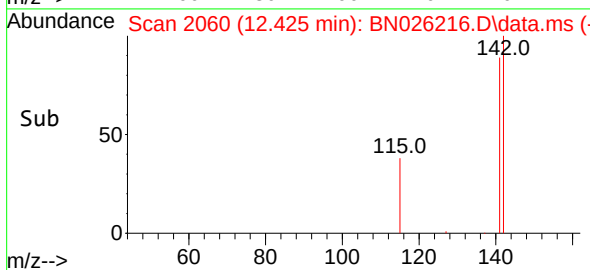
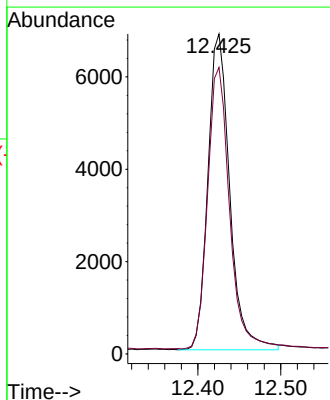
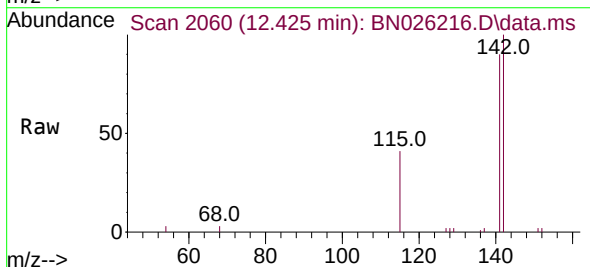
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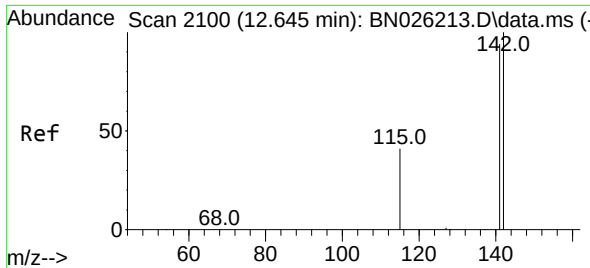
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#7
2-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49

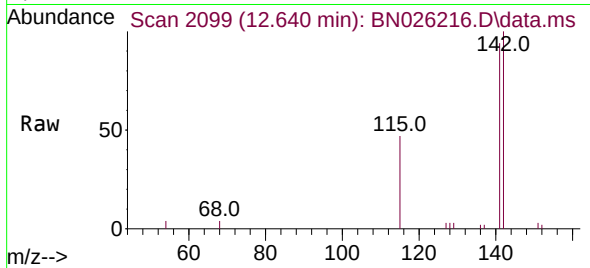
Tgt Ion:142 Resp: 12539
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.180 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49

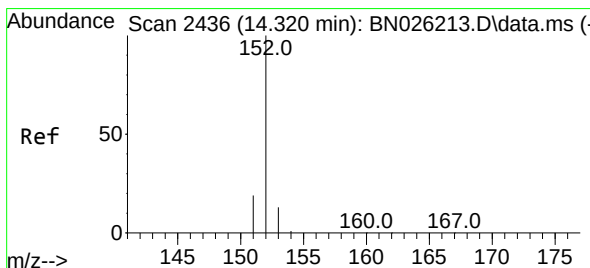
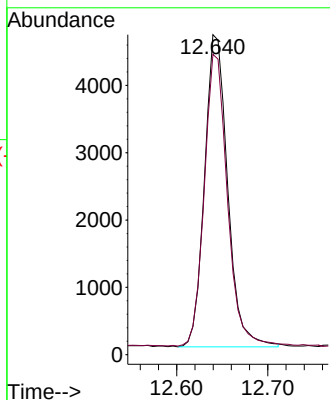
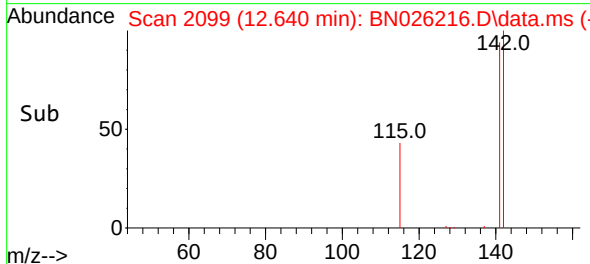
Instrument :
BNA_N
ClientSampleId :
DCGF8



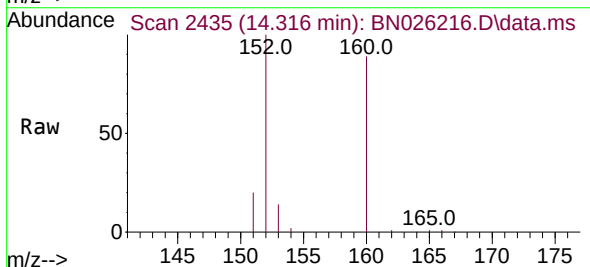
Tgt Ion:142 Resp: 8175
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4

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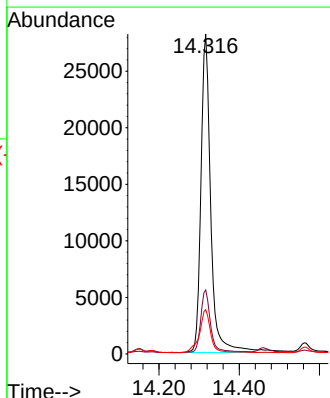
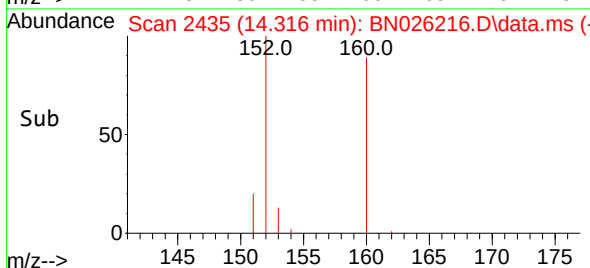
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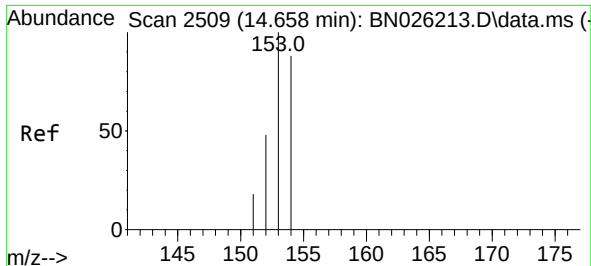


#10
Acenaphthylene
Concen: 0.709 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.009 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49



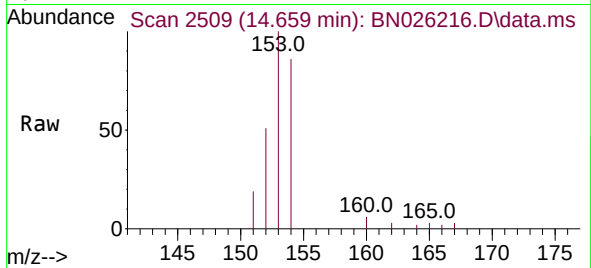
Tgt Ion:152 Resp: 47909
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.8 10.9 16.3





#11
Acenaphthene
Concen: 0.206 ng/ul
RT: 14.659 min Scan# 2138
Delta R.T. -0.009 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49

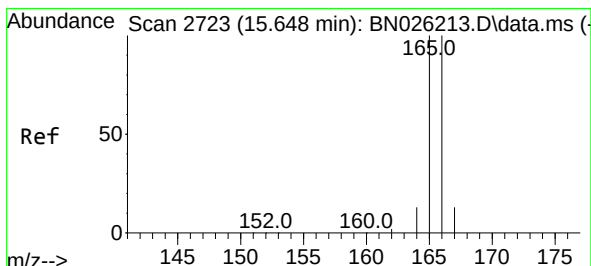
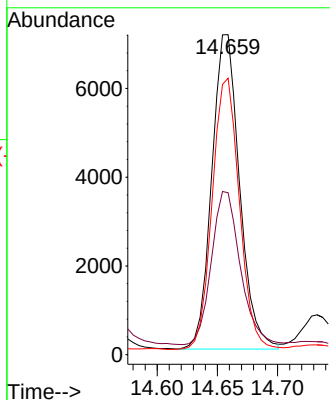
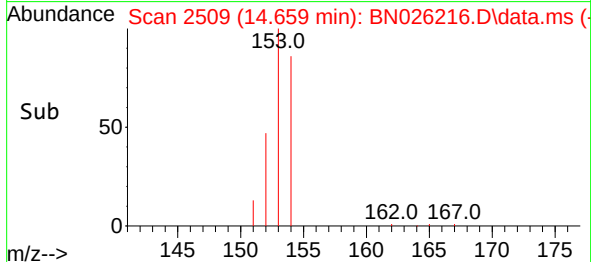
Instrument :
BNA_N
ClientSampleId :
DCGF8



Tgt Ion:153 Resp: 11386
Ion Ratio Lower Upper
153 100
152 50.6 39.4 59.0
154 86.4 68.9 103.3

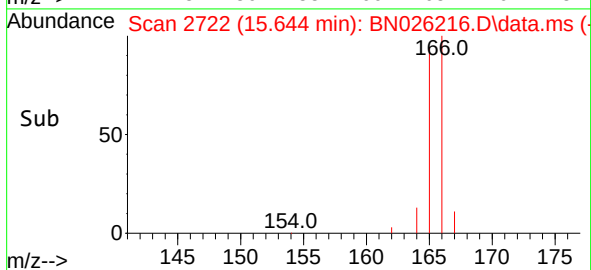
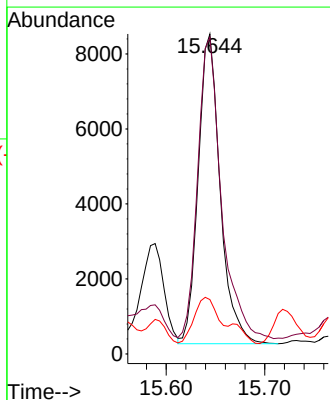
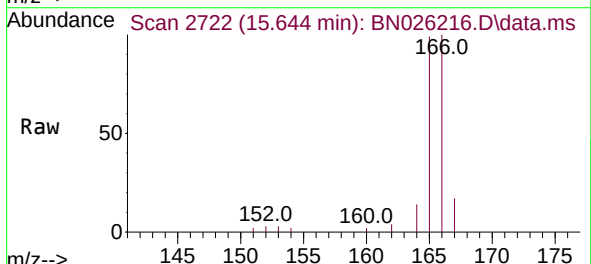
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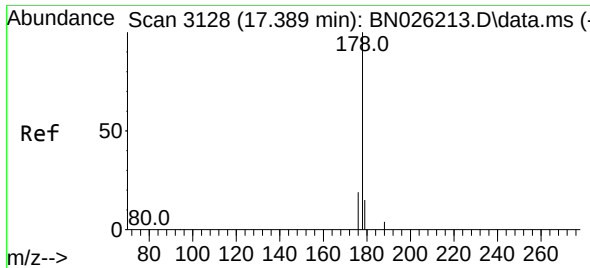
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.202 ng/ul
RT: 15.644 min Scan# 2722
Delta R.T. -0.009 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49

Tgt Ion:166 Resp: 12786
Ion Ratio Lower Upper
166 100
165 99.0 79.9 119.9
167 17.0 10.8 16.2





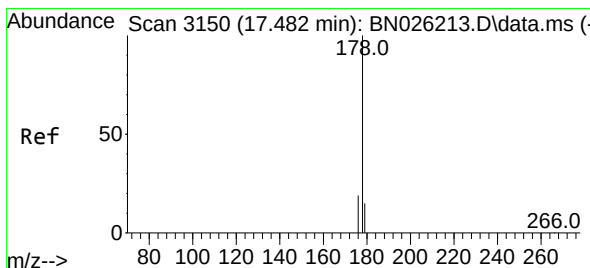
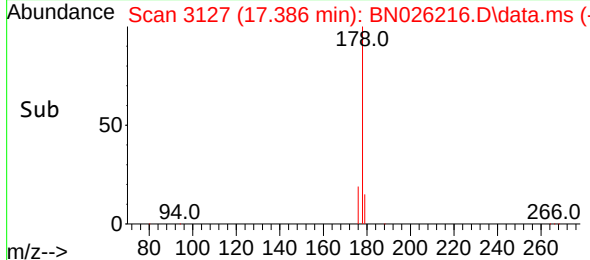
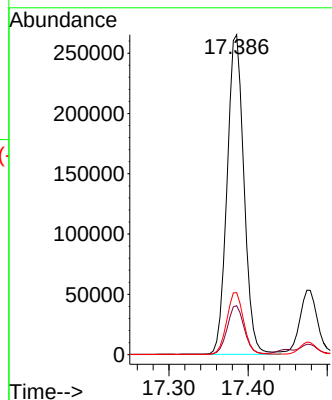
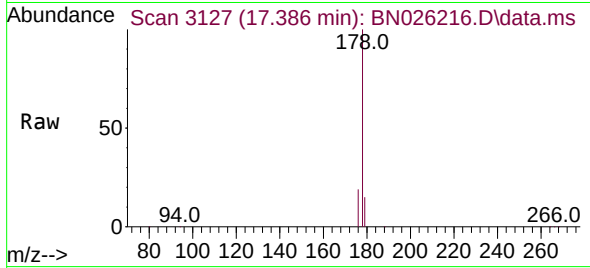
#15
Phenanthrene
Concen: 4.035 ng/ul
RT: 17.386 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49

Instrument :
BNA_N
ClientSampleId :
DCGF8

Tgt Ion:178 Resp: 393092
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.4 15.8 23.6

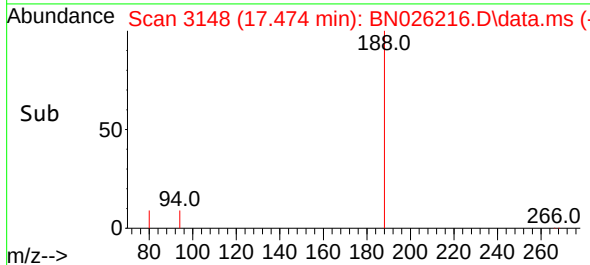
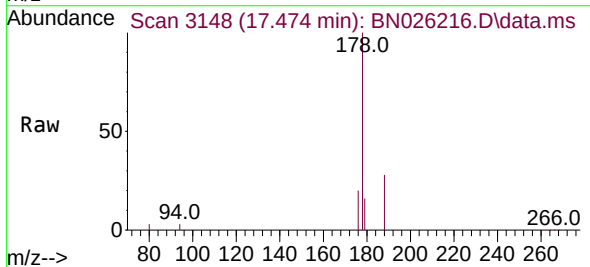
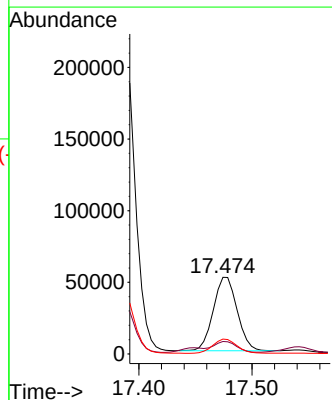
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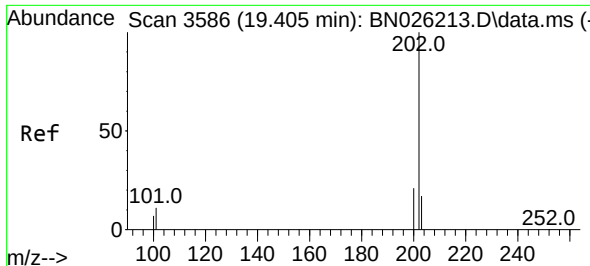
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 0.867 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.013 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49

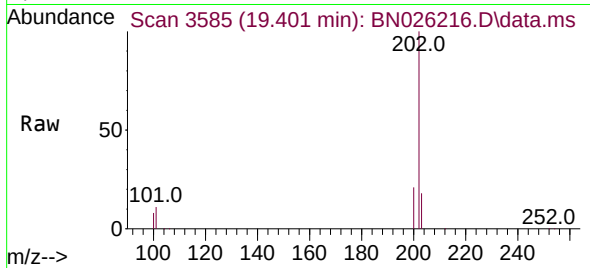
Tgt Ion:178 Resp: 75061
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.5 15.1 22.7





#19
Fluoranthene
Concen: 12.165 ng/u1
RT: 19.401 min Scan# 3585
Delta R.T. -0.009 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49

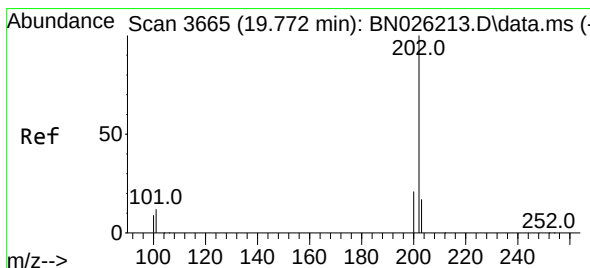
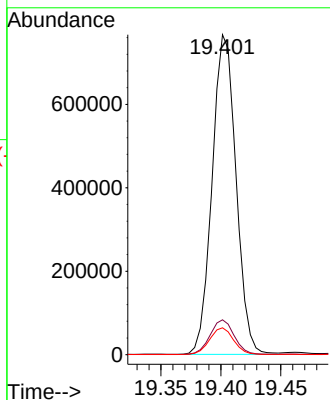
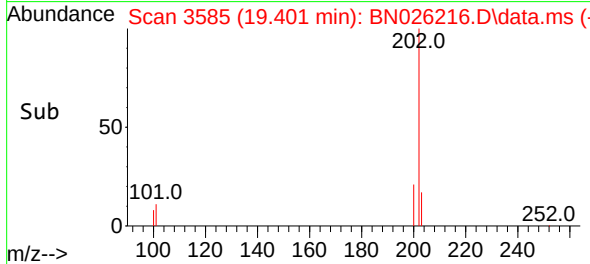
Instrument :
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ClientSampleId :
DCGF8



Tgt Ion:202 Resp: 1065380
Ion Ratio Lower Upper
202 100
101 10.9 9.5 14.3
100 8.4 7.3 10.9

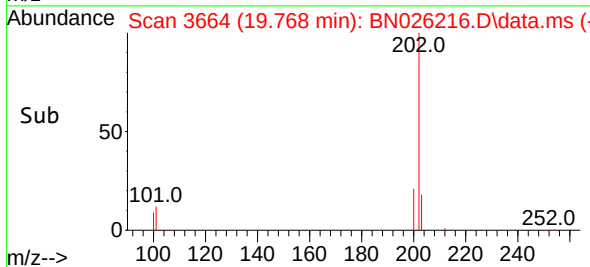
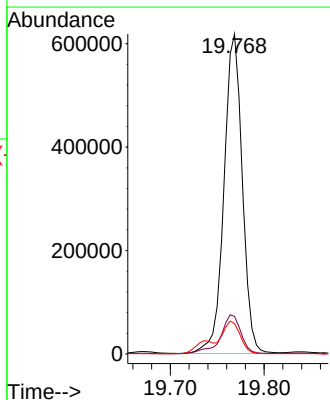
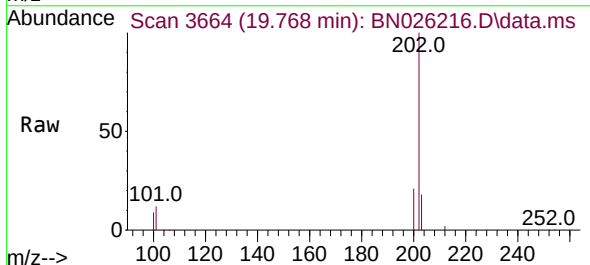
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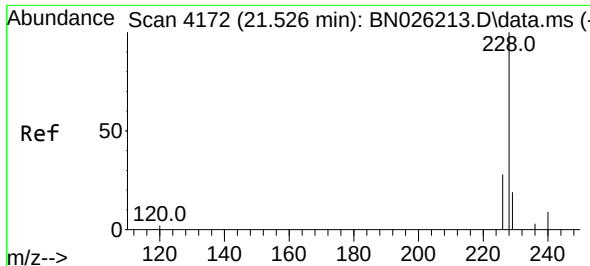
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 9.197 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49

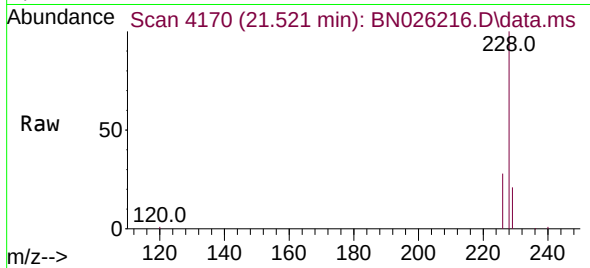
Tgt Ion:202 Resp: 837697
Ion Ratio Lower Upper
202 100
101 11.8 11.4 17.0
100 9.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 5.981 ng/ul
RT: 21.521 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49

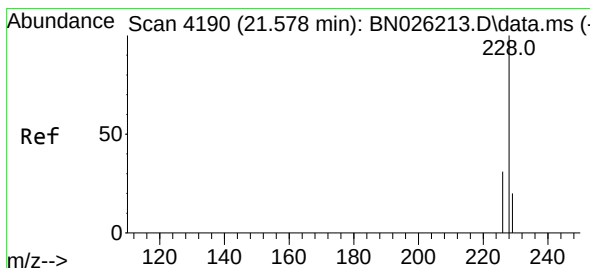
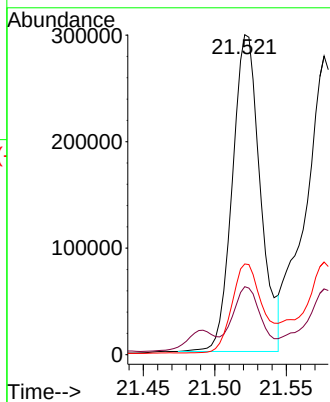
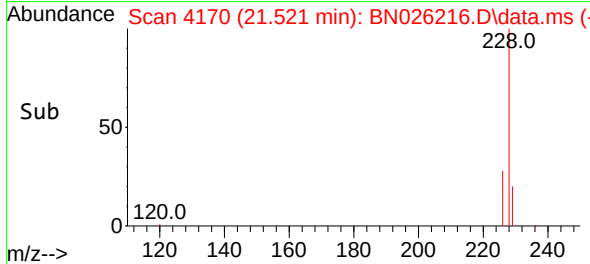
Instrument :
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DCGF8



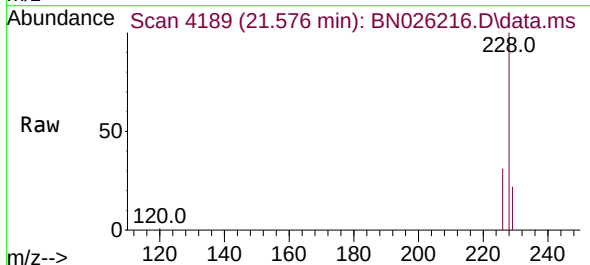
Tgt Ion:228 Resp: 404549
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 28.3 22.5 33.7

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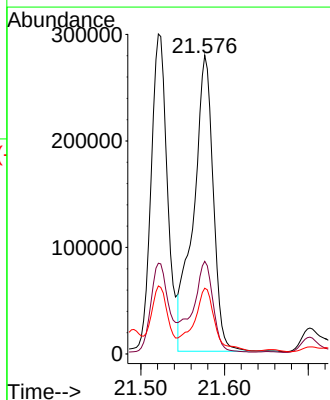
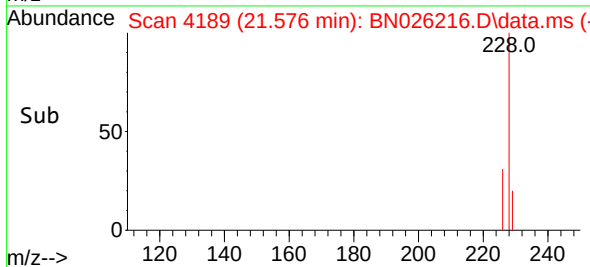
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

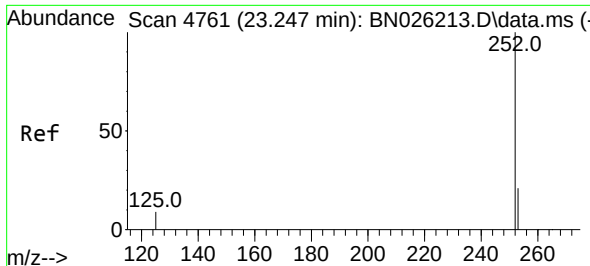


#22
Chrysene
Concen: 6.464 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49



Tgt Ion:228 Resp: 454937
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 22.0 15.7 23.5





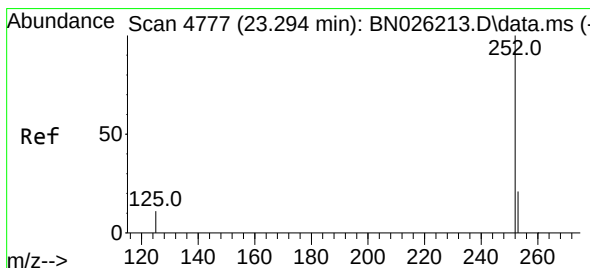
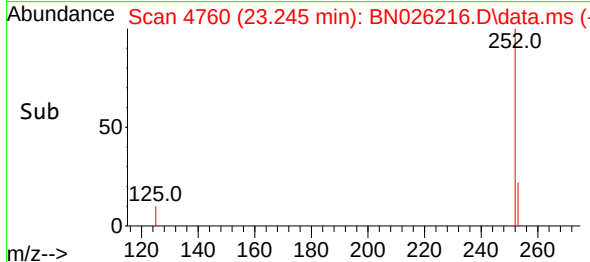
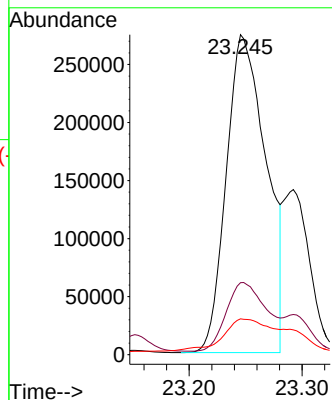
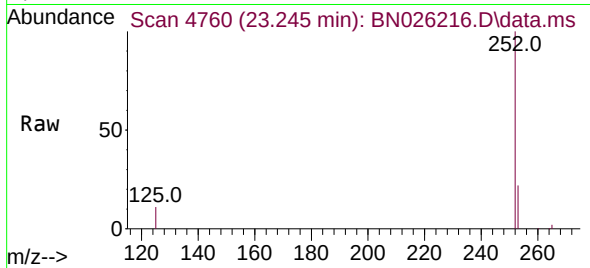
#24
Benzo(b)fluoranthene
Concen: 9.449 ng/ul m
RT: 23.245 min Scan# 4760
Delta R.T. 0.003 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49

Instrument :
BNA_N
ClientSampleId :
DCGF8

Tgt Ion:252 Resp: 673470
Ion Ratio Lower Upper
252 100
253 22.5 0.0 55.6
125 11.2 0.0 35.8

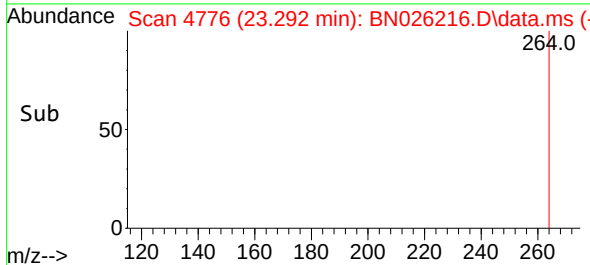
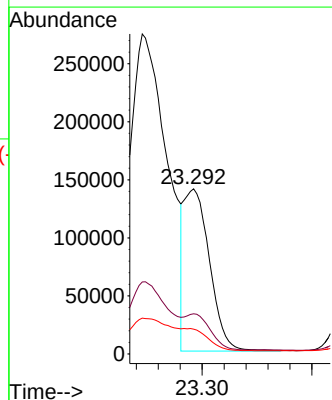
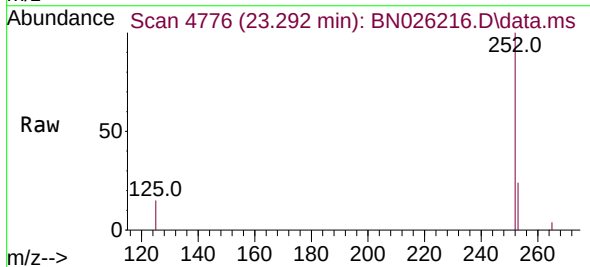
Manual Integrations
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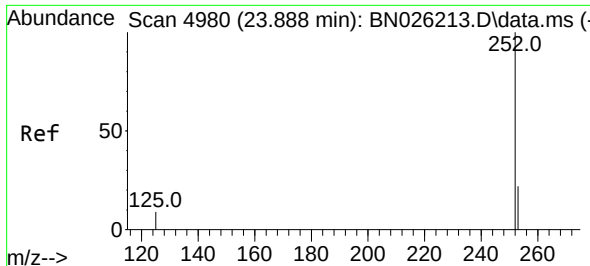
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 3.158 ng/ul m
RT: 23.292 min Scan# 4776
Delta R.T. 0.000 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49

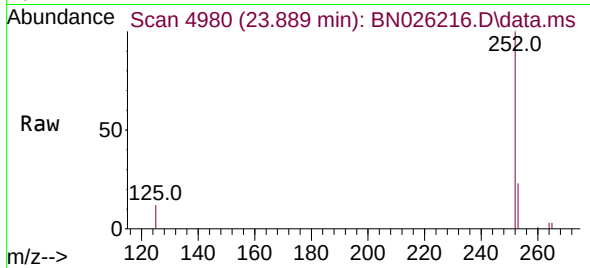
Tgt Ion:252 Resp: 226039
Ion Ratio Lower Upper
252 100
253 24.4 23.2 34.8
125 15.0 15.0 22.4





#26
Benzo(a)pyrene
Concen: 6.608 ng/ul
RT: 23.889 min Scan# 4980
Delta R.T. 0.003 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49

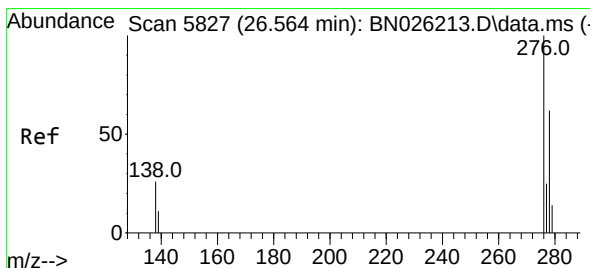
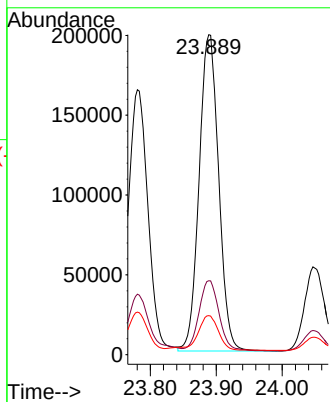
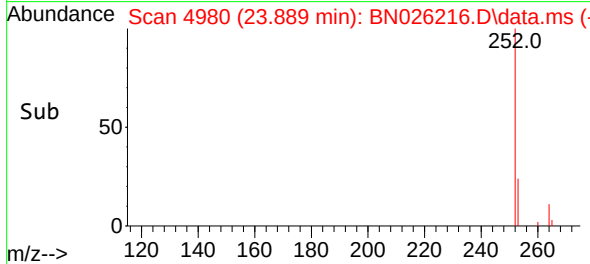
Instrument :
BNA_N
ClientSampleId :
DCGF8



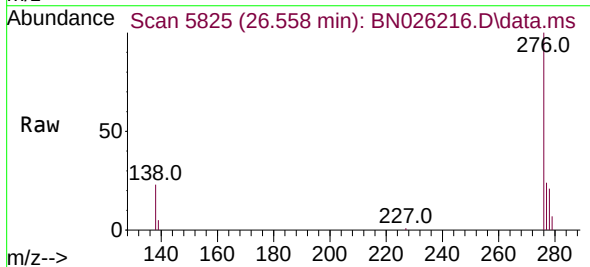
Tgt Ion:252 Resp: 409073
Ion Ratio Lower Upper
252 100
253 23.1 26.0 39.0
125 12.2 17.3 25.9

Manual Integrations
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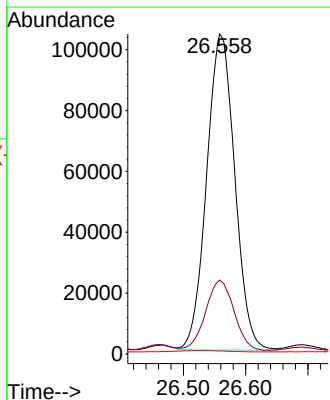
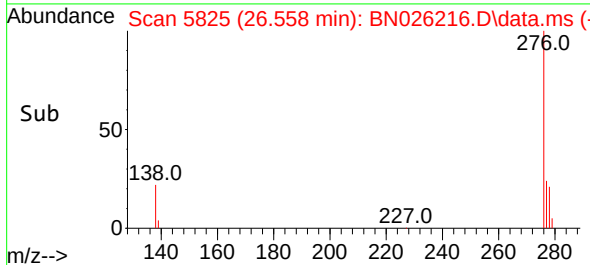
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

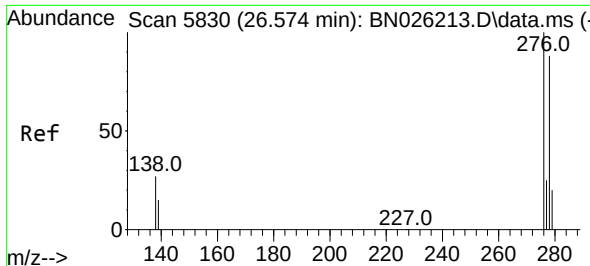


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.825 ng/ul
RT: 26.558 min Scan# 5825
Delta R.T. 0.000 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49



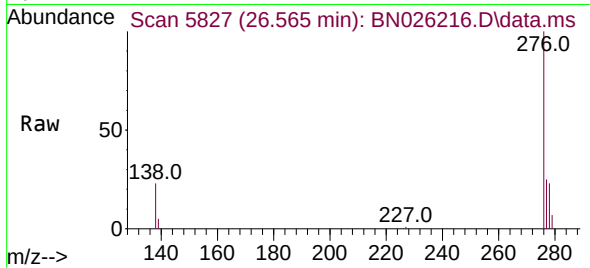
Tgt Ion:276 Resp: 326246
Ion Ratio Lower Upper
276 100
138 22.2 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.594 ng/ul
RT: 26.565 min Scan# 5827
Delta R.T. -0.013 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49

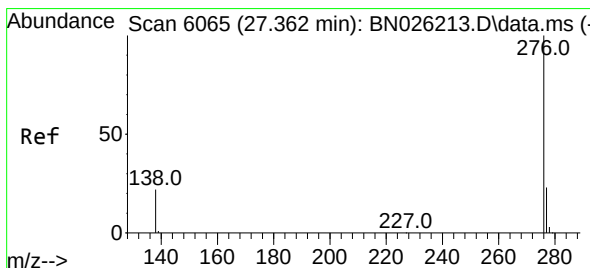
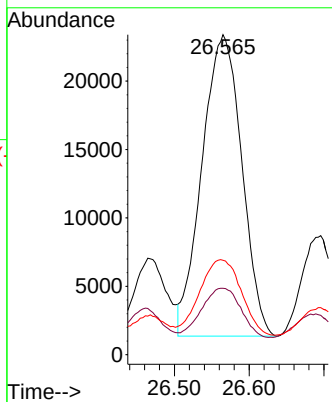
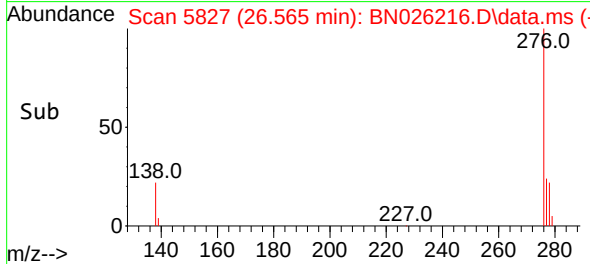
Instrument :
BNA_N
ClientSampleId :
DCGF8



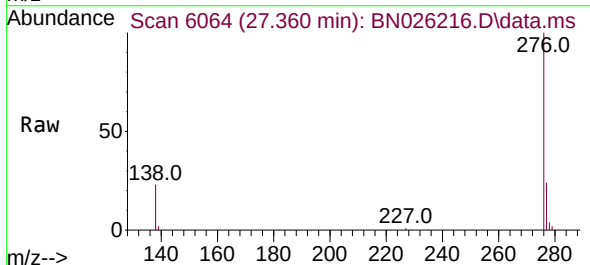
Tgt Ion:278 Resp: 8155
Ion Ratio Lower Upper
278 100
139 20.7 19.0 28.4
279 29.5 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#29
Benzo(g,h,i)perylene
Concen: 5.162 ng/ul
RT: 27.360 min Scan# 6064
Delta R.T. 0.013 min
Lab File: BN026216.D
Acq: 03 Jul 2023 08:49



Tgt Ion:276 Resp: 310491
Ion Ratio Lower Upper
276 100
138 23.4 23.4 35.0
277 23.9 20.0 30.0

