

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026189.D
 Acq On : 02 Jul 2023 15:08
 Operator : MA/JU
 Sample : 03247-11
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL7

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

Quant Time: Jul 03 05:40:24 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	7.955	152	11478	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	35861	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	21080	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	40632	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	21375	0.400	ng/ul	# 0.00
23) Perylene-d12	24.002	264	21864	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	27082	2.095	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	9317	0.169	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	16516	0.203	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.814	128	40657	0.396	ng/ul	100
7) 2-Methylnaphthalene	12.425	142	20677	0.316	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	17005	0.251	ng/ul	99
10) Acenaphthylene	14.320	152	63164	0.640	ng/ul	99
11) Acenaphthene	14.658	153	24465	0.303	ng/ul	99
12) Fluorene	15.644	166	24368	0.263	ng/ul#	98
15) Phenanthrene	17.385	178	724258	5.396	ng/ul	99
16) Anthracene	17.478	178	126685	1.062	ng/ul	100
19) Fluoranthene	19.405	202	1722401	15.087	ng/ul	96
20) Pyrene	19.768	202	1362179	11.471	ng/ul	95
21) Benzo(a)anthracene	21.517	228	584059	6.624	ng/ul	98
22) Chrysene	21.570	228	680968	7.422	ng/ul	97
24) Benzo(b)fluoranthene	23.248	252	1010010m	10.823	ng/ul	
25) Benzo(k)fluoranthene	23.294	252	372135m	3.971	ng/ul	
26) Benzo(a)pyrene	23.897	252	644403	7.951	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.588	276	552831	6.245	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.591	278	135444	2.022	ng/ul	95
29) Benzo(g,h,i)perylene	27.389	276	579754	7.362	ng/ul#	93

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

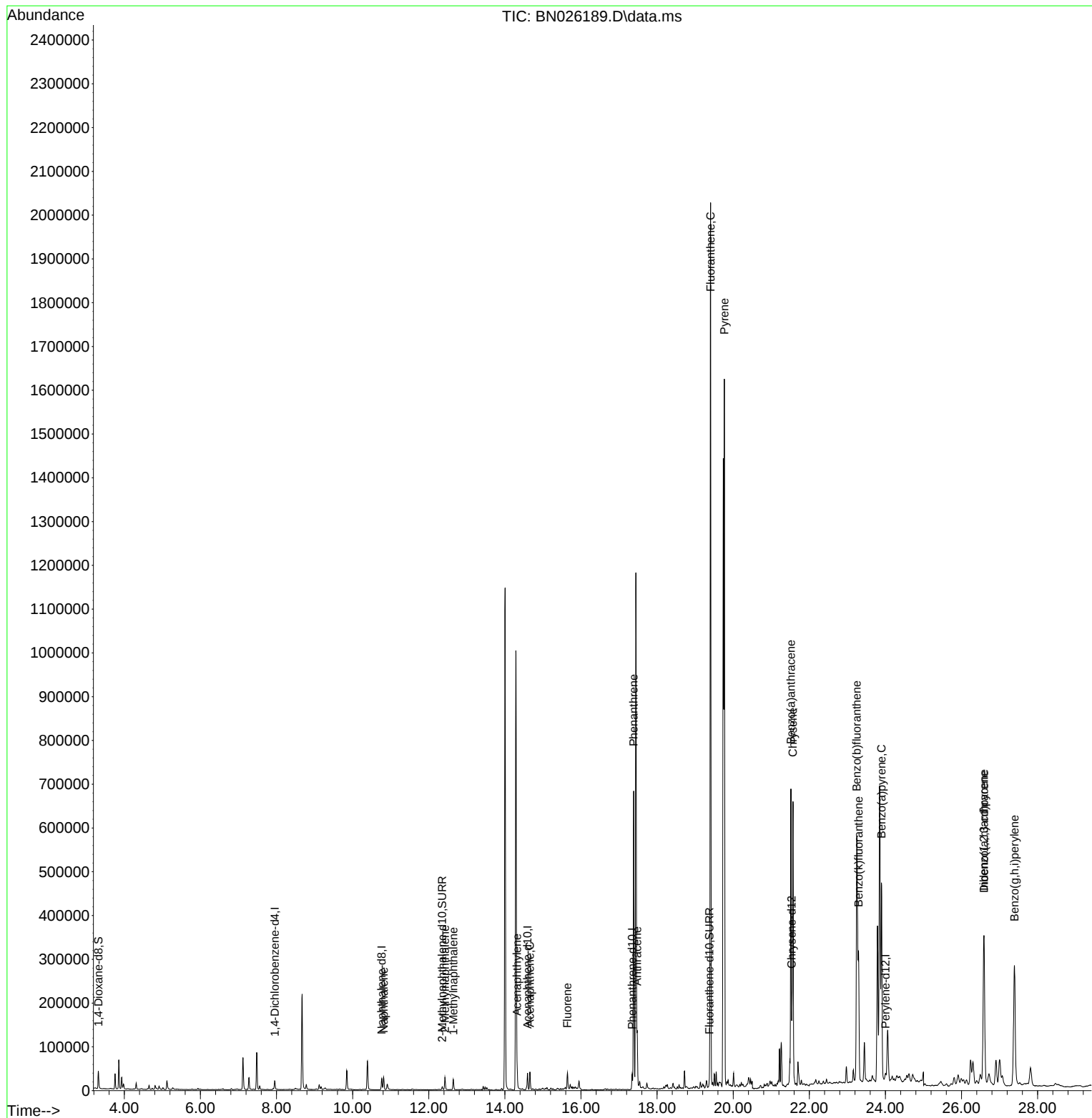
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026189.D
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ALS Vial : 46 Sample Multiplier: 1

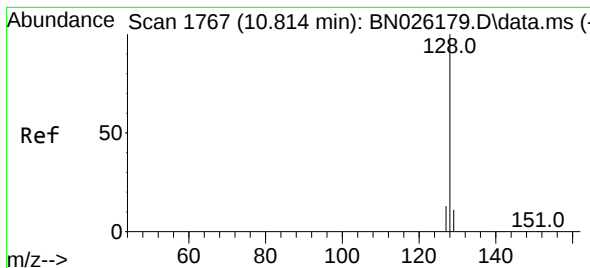
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Quant Time: Jul 03 05:40:24 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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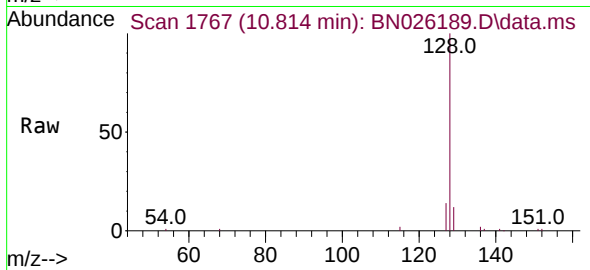
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.396 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08

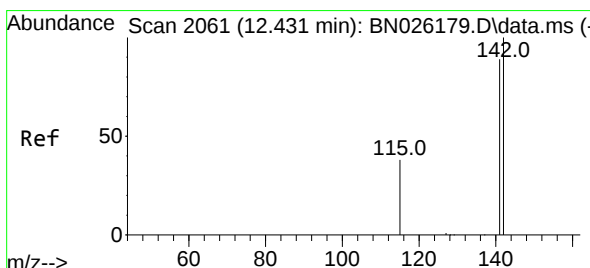
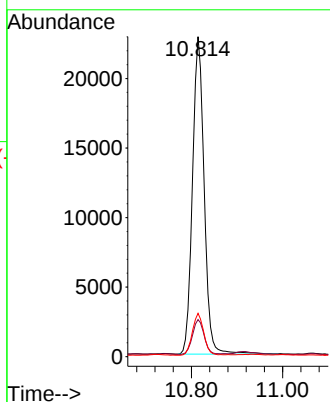
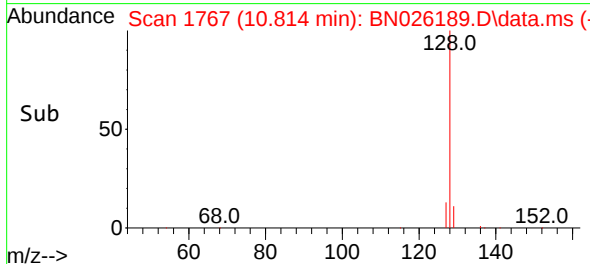
Instrument :
BNA_N
ClientSampleId :
DCGL7



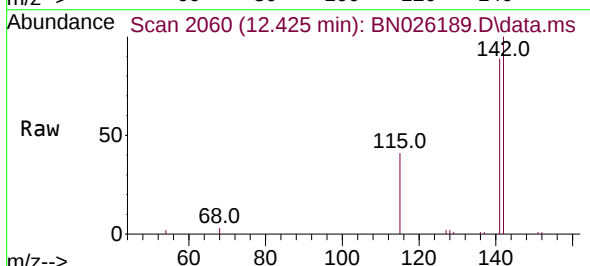
Tgt Ion:128 Resp: 4065
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.5 10.7 16.1

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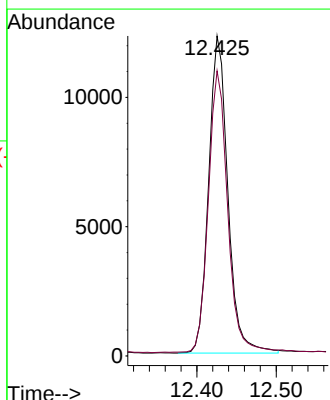
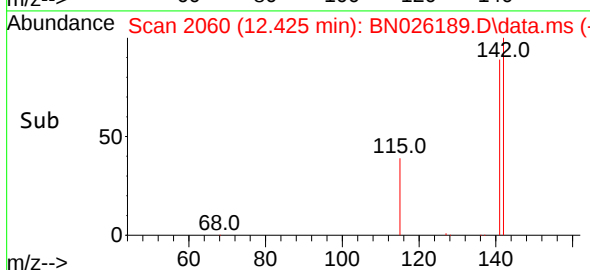
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

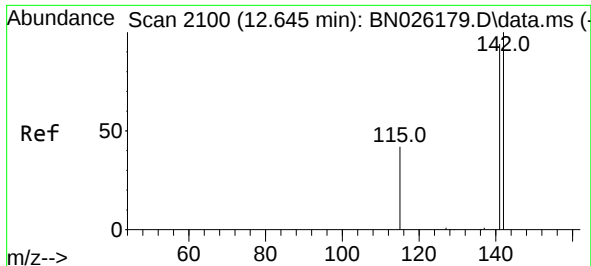


#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08



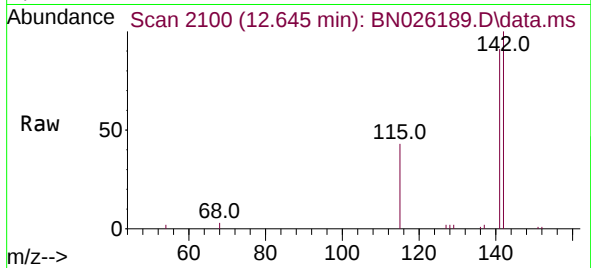
Tgt Ion:142 Resp: 20677
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.251 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08

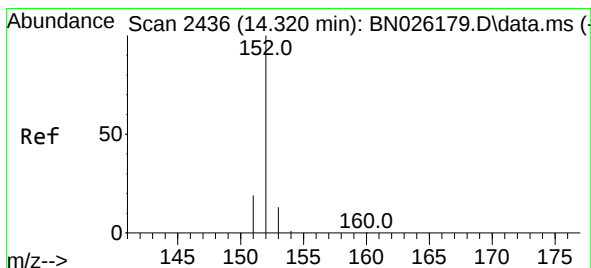
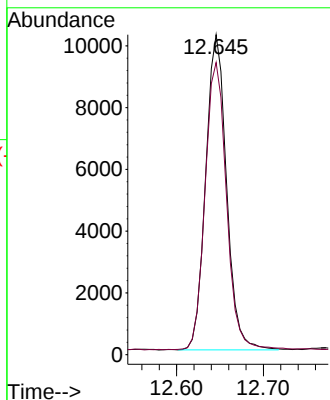
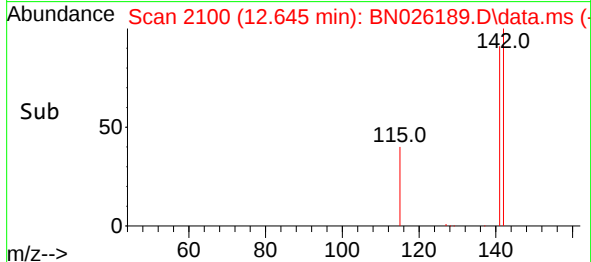
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 17000
Ion Ratio Lower Upper
142 100
141 93.7 74.2 111.4

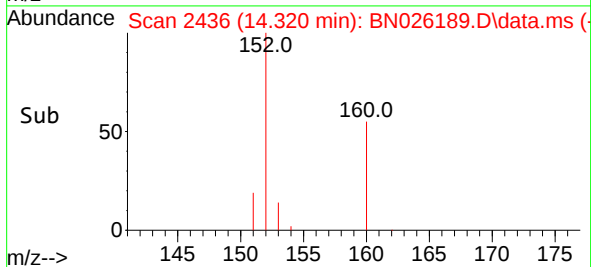
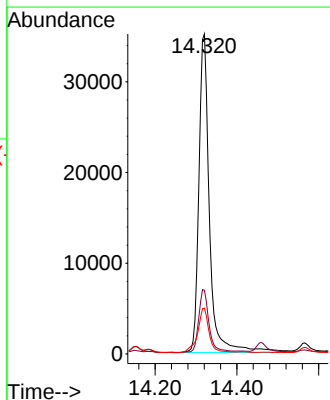
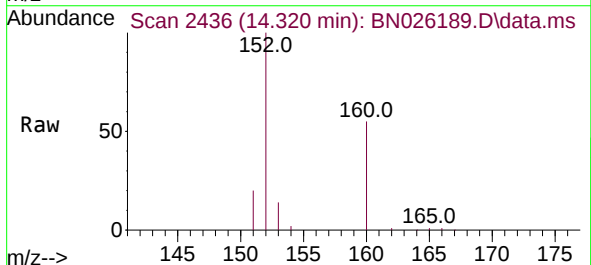
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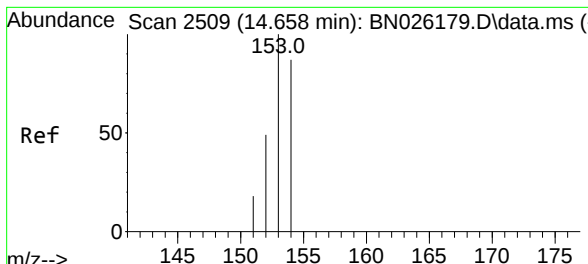
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.640 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08

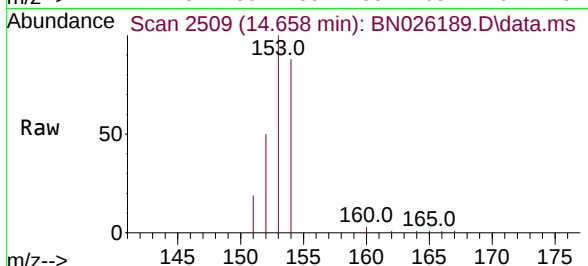
Tgt Ion:152 Resp: 63164
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08

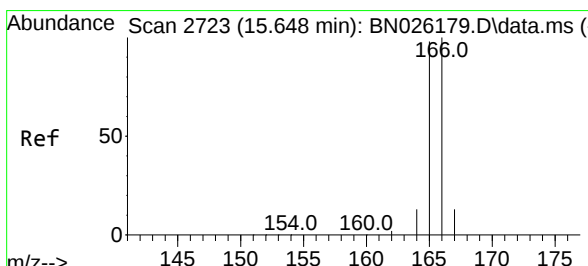
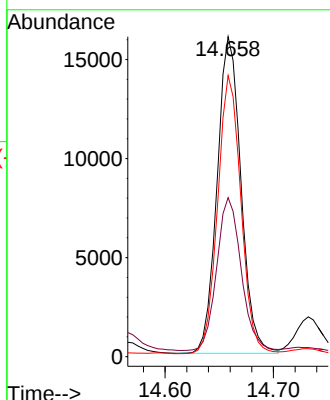
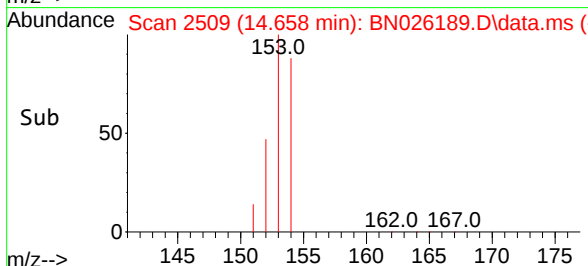
Instrument :
BNA_N
ClientSampleId :
DCGL7



Tgt Ion:153 Resp: 24468
Ion Ratio Lower Upper
153 100
152 49.7 39.4 59.0
154 87.9 68.9 103.3

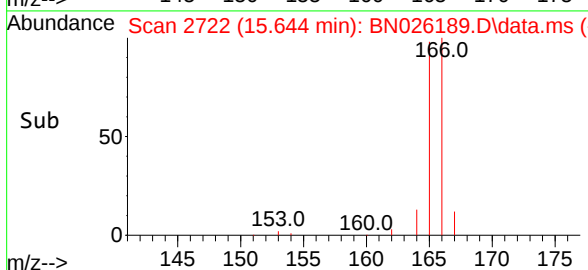
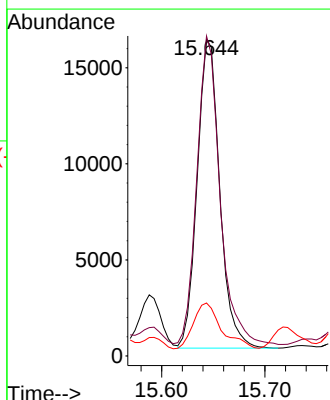
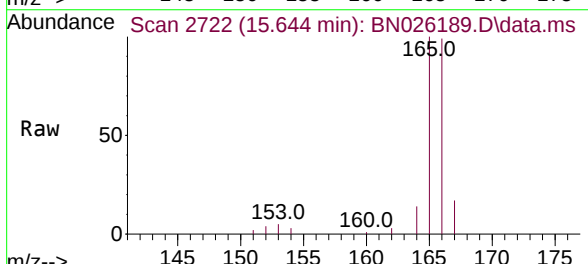
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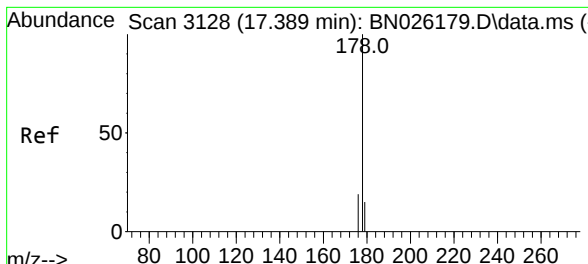
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.263 ng/ul
RT: 15.644 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08

Tgt Ion:166 Resp: 24368
Ion Ratio Lower Upper
166 100
165 100.9 79.9 119.9
167 16.7 10.8 16.2#





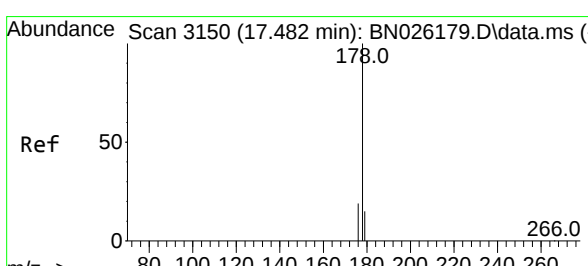
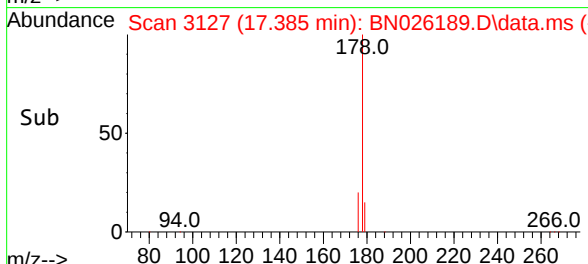
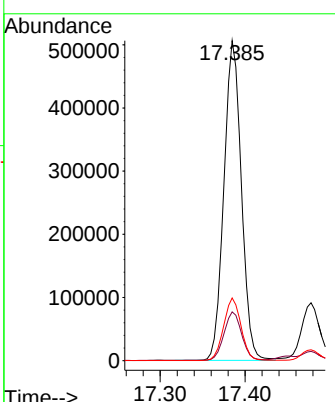
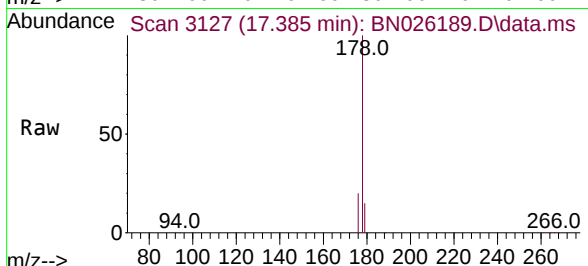
#15
 Phenanthrene
 Concen: 5.396 ng/u1
 RT: 17.385 min Scan# 3127
 Delta R.T. -0.009 min
 Lab File: BN026189.D
 Acq: 02 Jul 2023 15:08

Instrument : BNA_N
 ClientSampleId : DCGL7

Tgt Ion:178 Resp: 724258

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.6	15.8	23.6

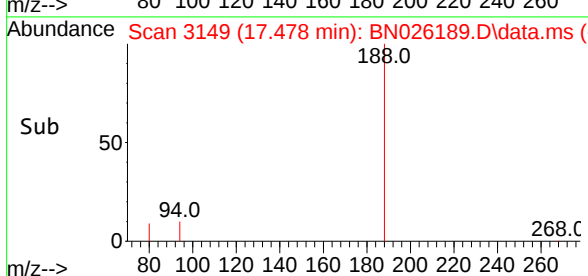
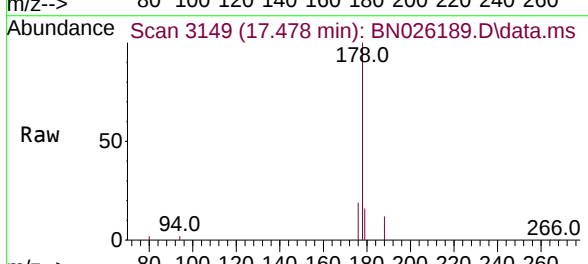
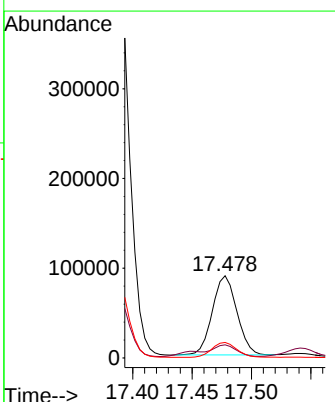
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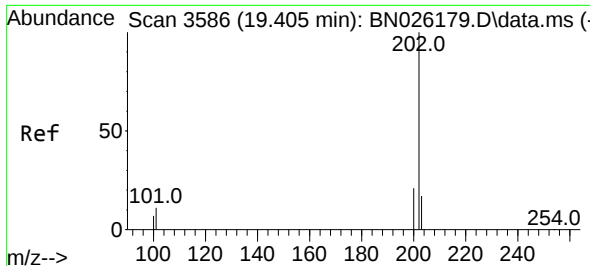


#16
 Anthracene
 Concen: 1.062 ng/u1
 RT: 17.478 min Scan# 3149
 Delta R.T. -0.009 min
 Lab File: BN026189.D
 Acq: 02 Jul 2023 15:08

Tgt Ion:178 Resp: 126685

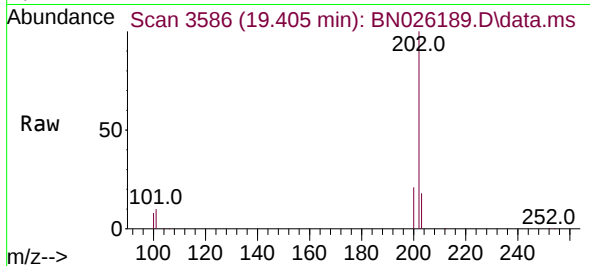
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	18.9	15.1	22.7





#19
Fluoranthene
Concen: 15.087 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08

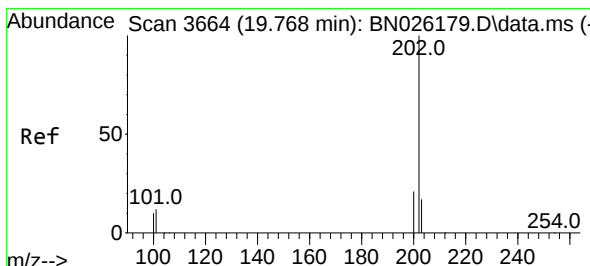
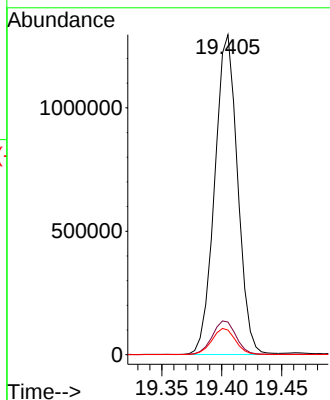
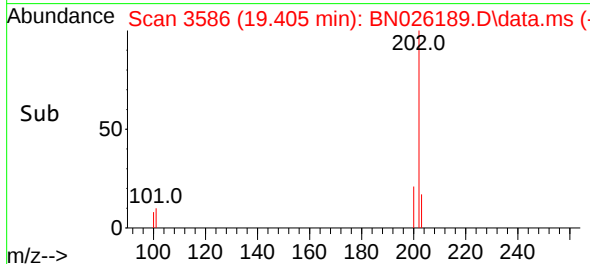
Instrument :
BNA_N
ClientSampleId :
DCGL7



Tgt Ion:202 Resp: 172240
Ion Ratio Lower Upper
202 100
101 10.2 9.5 14.3
100 7.7 7.3 10.9

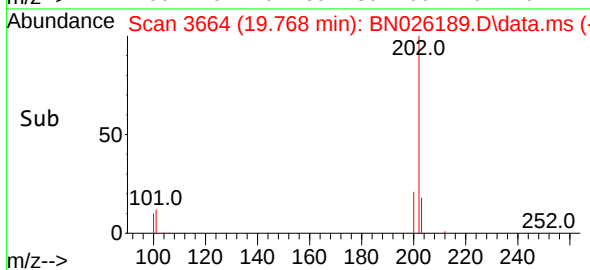
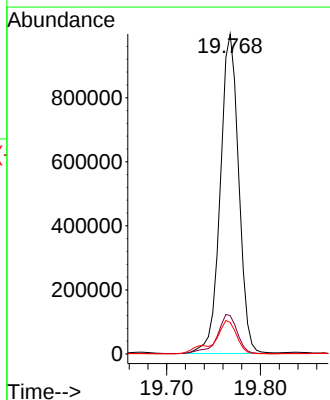
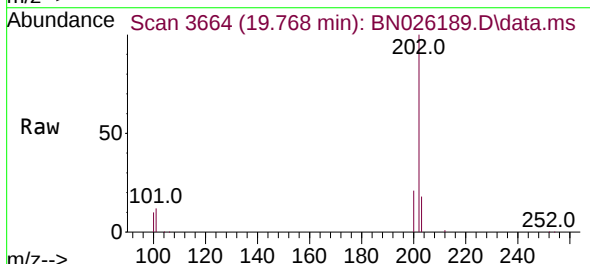
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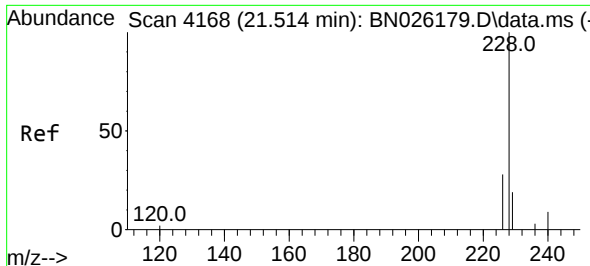
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 11.471 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08

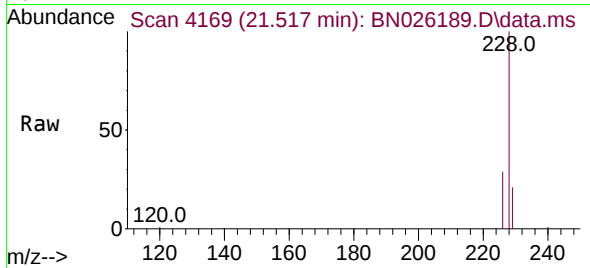
Tgt Ion:202 Resp: 1362179
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.0
100 9.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 6.624 ng/ul
RT: 21.517 min Scan# 4169
Delta R.T. -0.009 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08

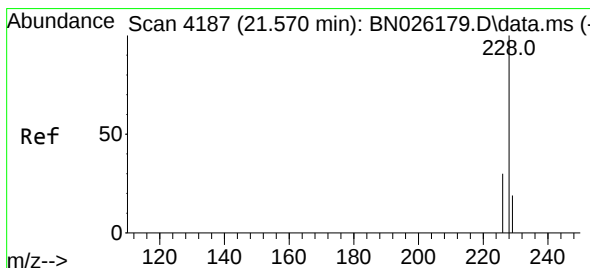
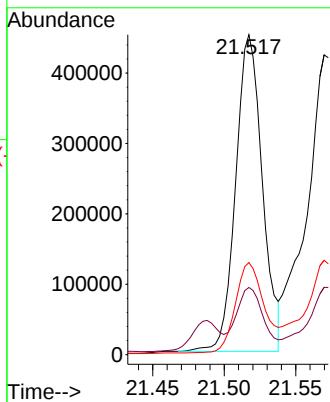
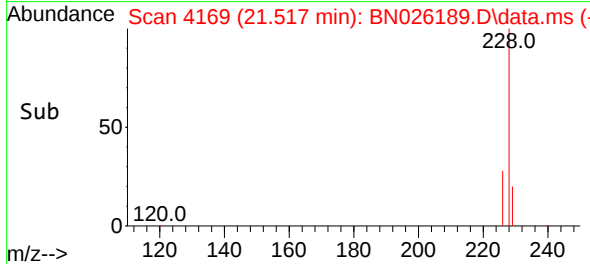
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 584059
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 28.8 22.5 33.7

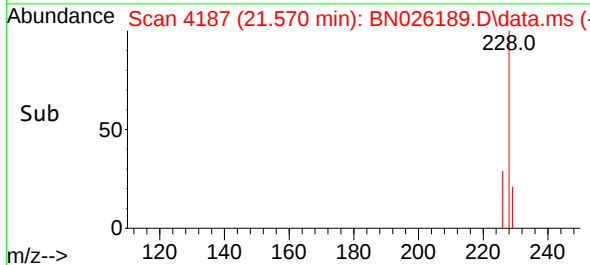
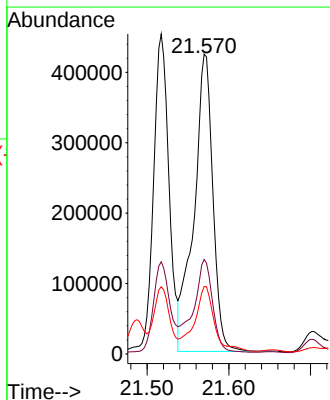
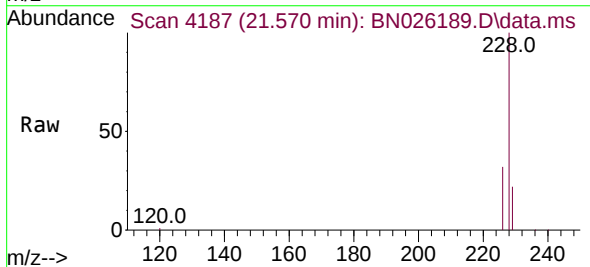
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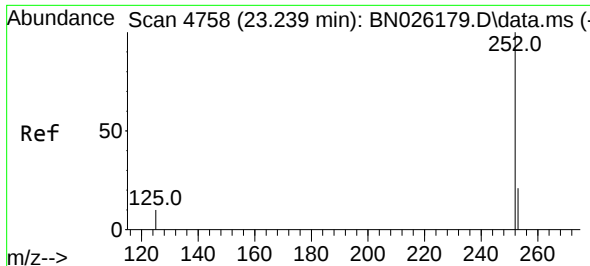
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 7.422 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08

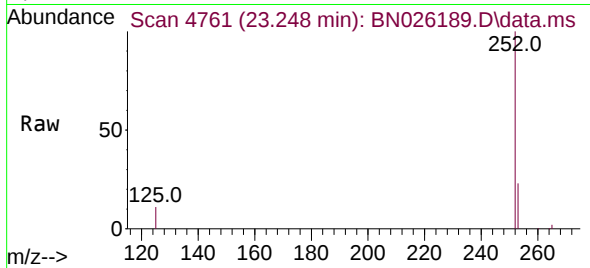
Tgt Ion:228 Resp: 680968
Ion Ratio Lower Upper
228 100
226 31.5 24.8 37.2
229 22.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 10.823 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. 0.005 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08

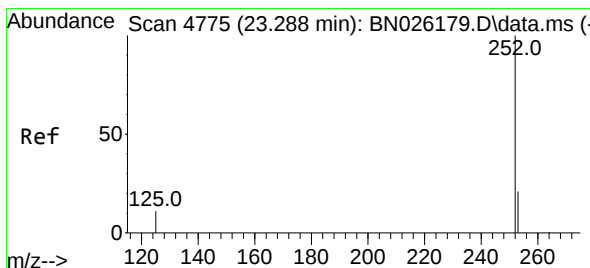
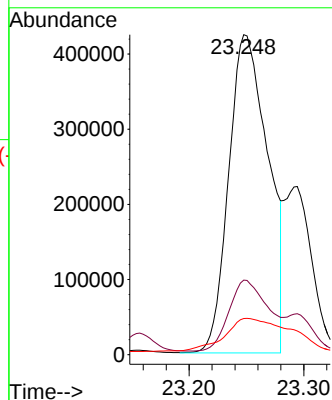
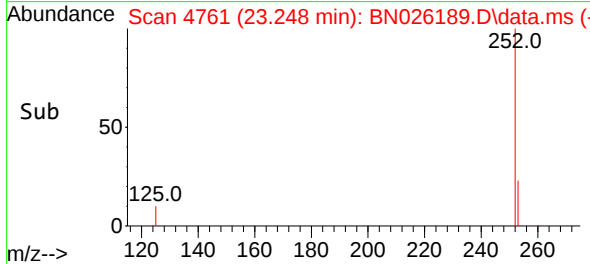
Instrument :
BNA_N
ClientSampleId :
DCGL7



Tgt Ion:252 Resp: 1010010
Ion Ratio Lower Upper
252 100
253 23.3 0.0 55.6
125 11.3 0.0 35.8

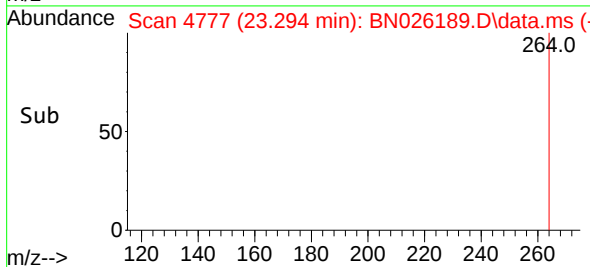
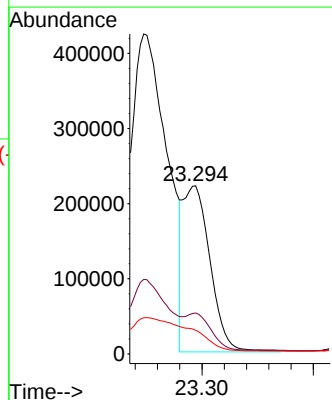
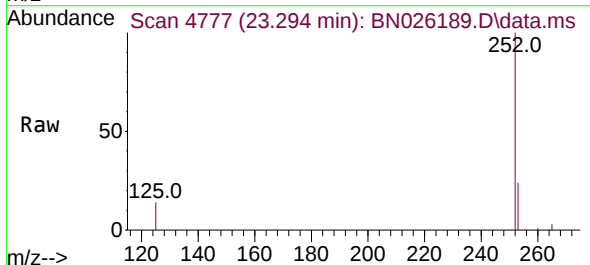
Manual Integrations
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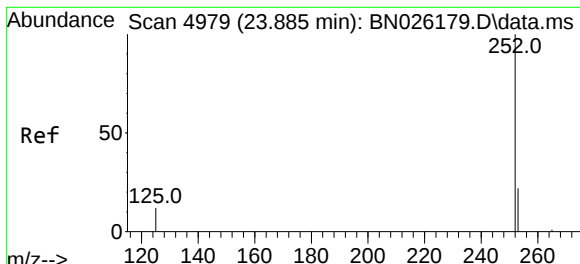
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 3.971 ng/ul m
RT: 23.294 min Scan# 4777
Delta R.T. 0.002 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08

Tgt Ion:252 Resp: 372135
Ion Ratio Lower Upper
252 100
253 24.3 23.2 34.8
125 14.1 15.0 22.4#



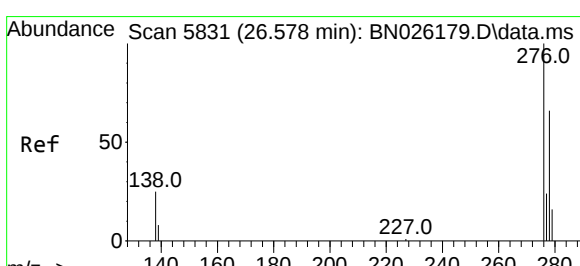
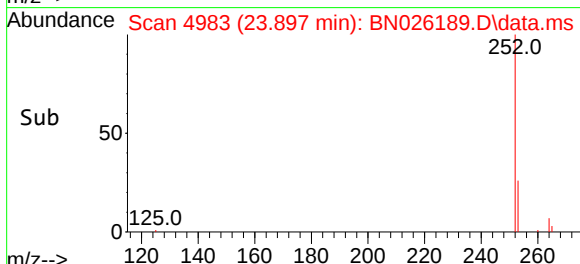
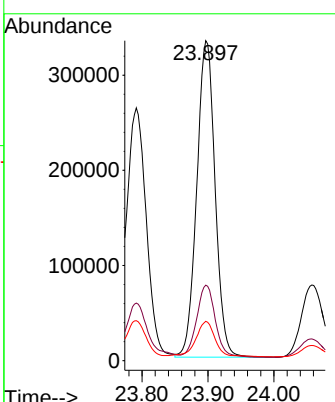
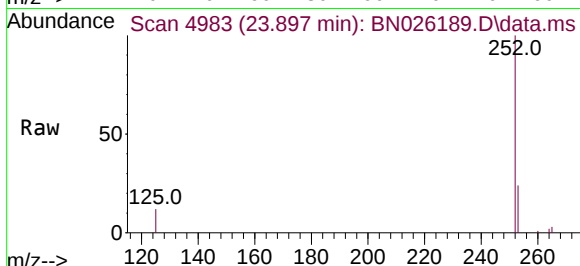


#26
Benzo(a)pyrene
Concen: 7.951 ng/ul
RT: 23.897 min Scan# 4983
Delta R.T. 0.011 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08

Instrument : BNA_N
ClientSampleId : DCGL7

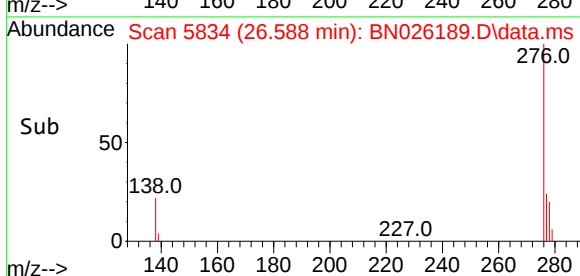
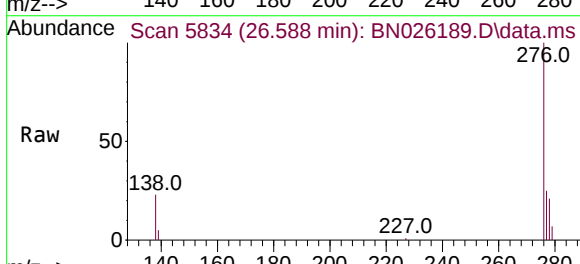
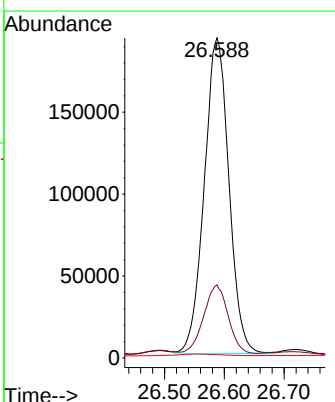
Tgt Ion:	252	Resp:	64440
Ion Ratio	Lower	Upper	
252	100		
253	23.6	26.0	39.0
125	12.3	17.3	25.9

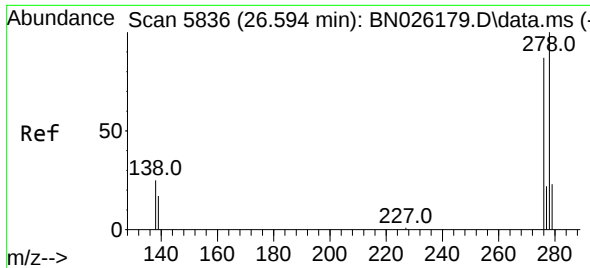
Manual Integrations
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Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.245 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. 0.029 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08

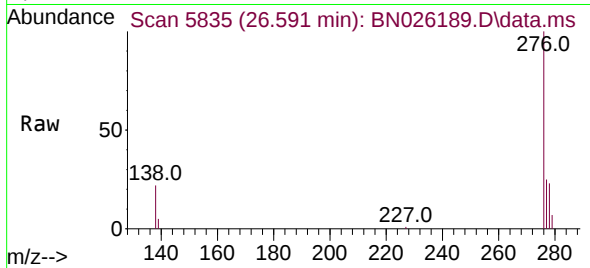
Tgt Ion:	276	Resp:	552831
Ion Ratio	Lower	Upper	
276	100		
138	21.8	24.5	36.7
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 2.022 ng/ul
RT: 26.591 min Scan# 5836
Delta R.T. 0.013 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08

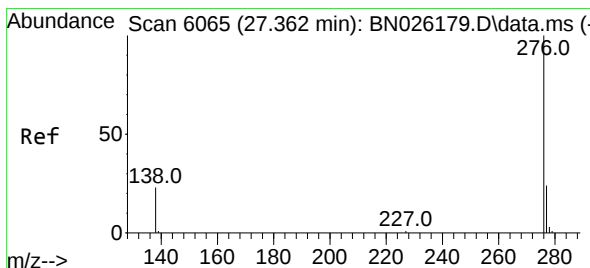
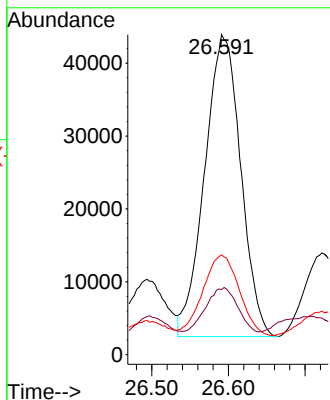
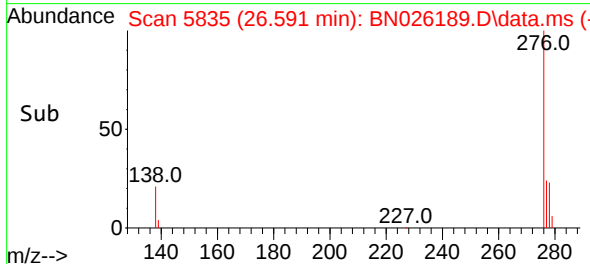
Instrument :
BNA_N
ClientSampleId :
DCGL7



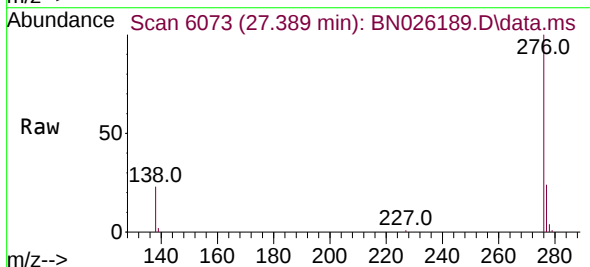
Tgt Ion: 278 Resp: 13544
Ion Ratio Lower Upper
278 100
139 20.3 19.0 28.4
279 31.2 26.7 40.1

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



#29
Benzo(g,h,i)perylene
Concen: 7.362 ng/ul
RT: 27.389 min Scan# 6073
Delta R.T. 0.043 min
Lab File: BN026189.D
Acq: 02 Jul 2023 15:08



Tgt Ion: 276 Resp: 579754
Ion Ratio Lower Upper
276 100
138 23.1 23.4 35.0#
277 24.2 20.0 30.0

