

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026297.D
 Acq On : 05 Jul 2023 18:01
 Operator : MA/JU
 Sample : 03247-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 18:38:17 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 : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	7488	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	22788	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.583	164	14425	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	27060	0.400	ng/ul #	0.00
17) Chrysene-d12	21.534	240	19161	0.400	ng/ul	0.00
23) Perylene-d12	23.998	264	15742	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	17064	2.024	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.342	152	5201	0.148	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	9396	0.129	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.802	128	2585	0.040	ng/ul#	85
7) 2-Methylnaphthalene	12.419	142	1522	0.037	ng/ul	100
8) 1-Methylnaphthalene	12.633	142	1227	0.028	ng/ul	98
10) Acenaphthylene	14.306	152	1829	0.027	ng/ul#	66
11) Acenaphthene	14.648	153	1399	0.025	ng/ul#	91
15) Phenanthrene	17.376	178	31812	0.356	ng/ul	99
16) Anthracene	17.465	178	3854	0.049	ng/ul#	80
19) Fluoranthene	19.395	202	100017	0.977	ng/ul	97
20) Pyrene	19.757	202	81184	0.763	ng/ul	99
21) Benzo(a)anthracene	21.513	228	29007m	0.367	ng/ul	
22) Chrysene	21.566	228	46364	0.564	ng/ul	94
24) Benzo(b)fluoranthene	23.247	252	69521m	1.035	ng/ul	
25) Benzo(k)fluoranthene	23.287	252	22471m	0.333	ng/ul	
26) Benzo(a)pyrene	23.887	252	37594	0.644	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.577	276	35617	0.559	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.577	278	7706	0.160	ng/ul#	56
29) Benzo(g,h,i)perylene	27.382	276	30276	0.534	ng/ul	97

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

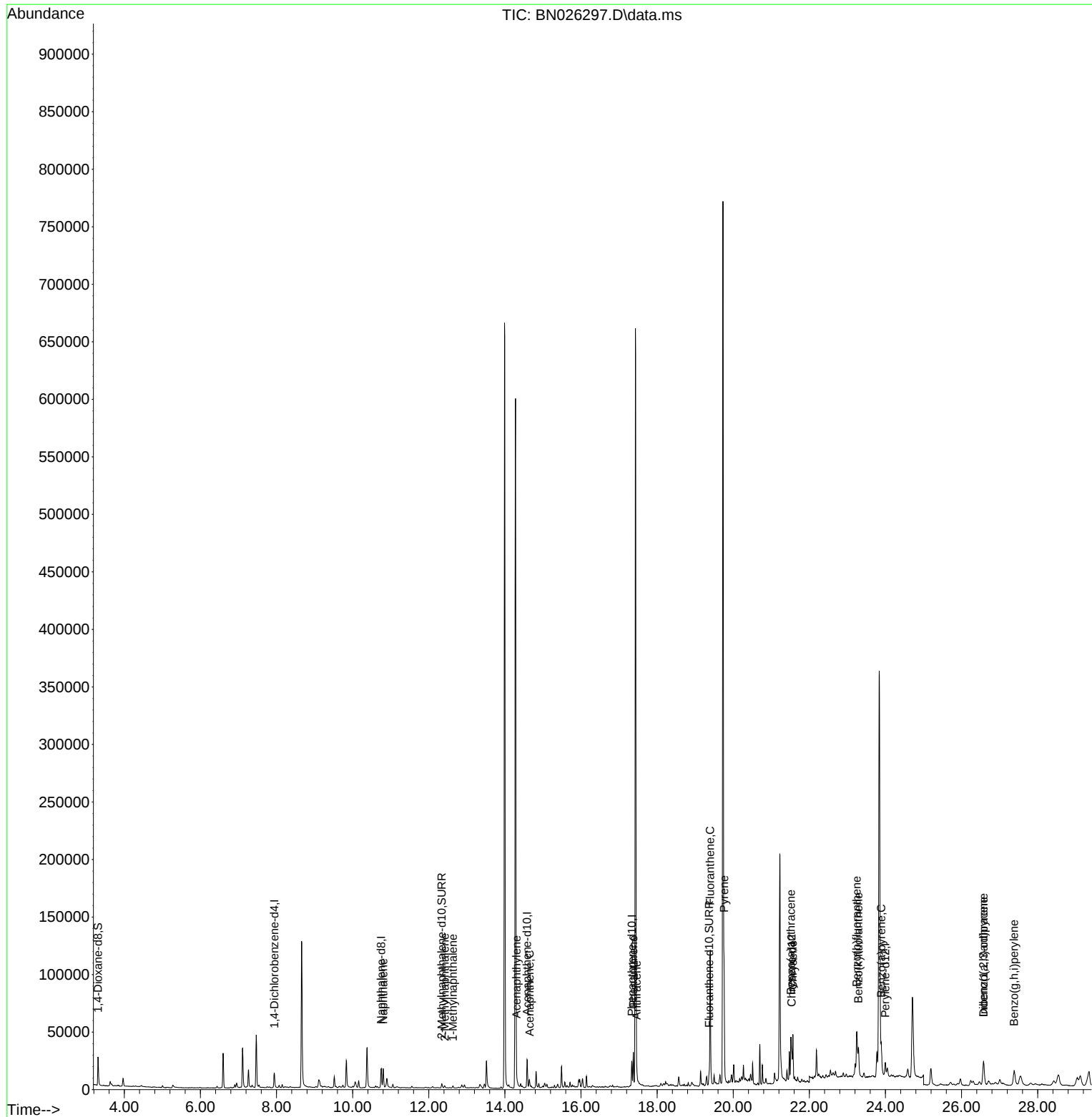
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026297.D
Acq On : 05 Jul 2023 18:01
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ALS Vial : 16 Sample Multiplier: 1

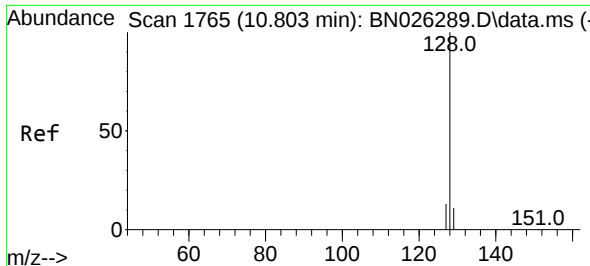
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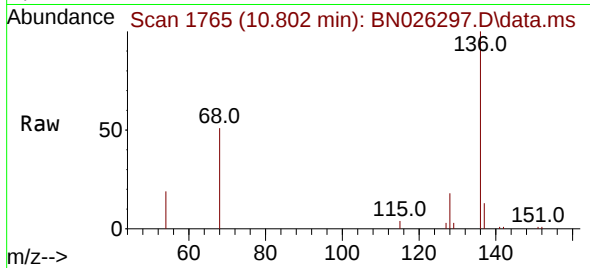
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.802 min Scan# 1765
Delta R.T. -0.007 min
Lab File: BN026297.D
Acq: 05 Jul 2023 18:01

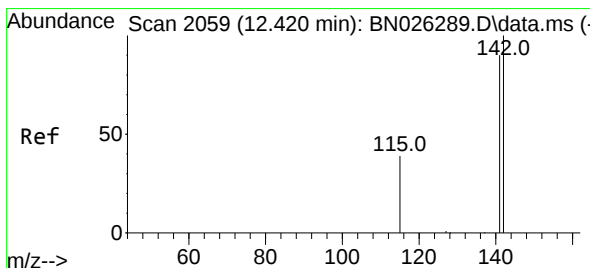
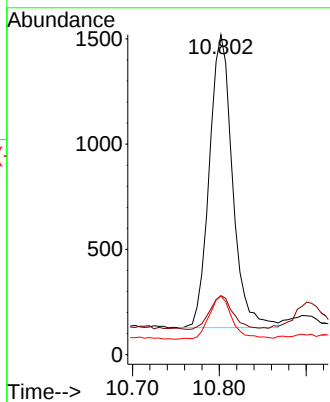
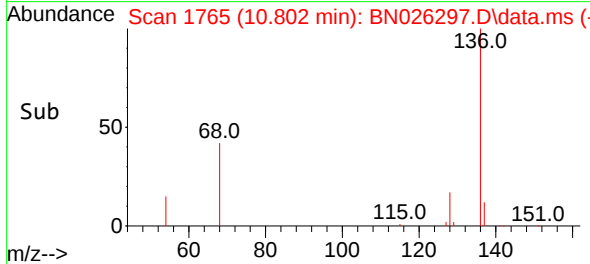
Instrument :
BNA_N
ClientSampleId :
DCGM7



Tgt Ion:128 Resp: 2589
Ion Ratio Lower Upper
128 100
129 18.4 9.1 13.7
127 18.4 10.7 16.1

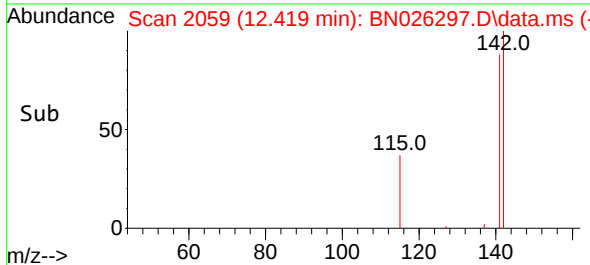
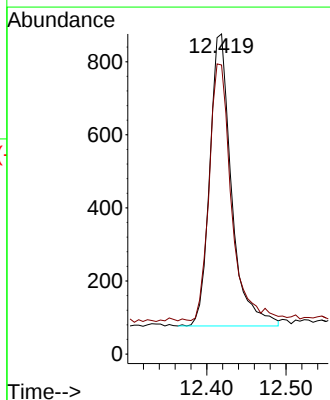
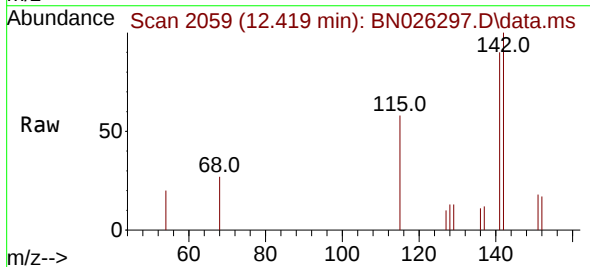
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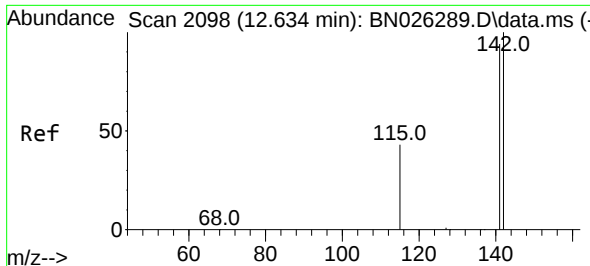
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.419 min Scan# 2059
Delta R.T. -0.001 min
Lab File: BN026297.D
Acq: 05 Jul 2023 18:01

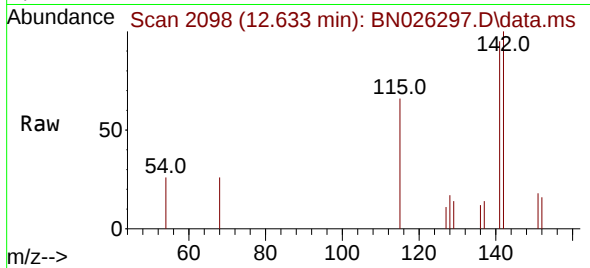
Tgt Ion:142 Resp: 1522
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.633 min Scan# 2098
Delta R.T. -0.007 min
Lab File: BN026297.D
Acq: 05 Jul 2023 18:01

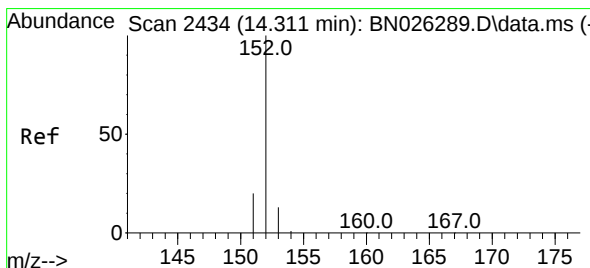
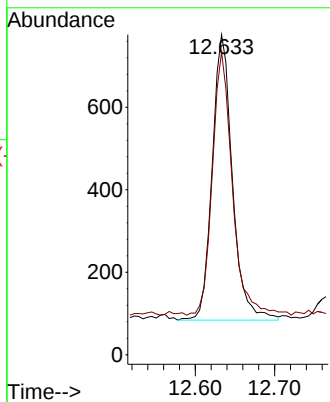
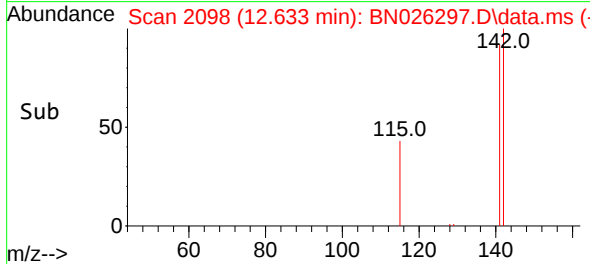
Instrument :
BNA_N
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Tgt Ion:142 Resp: 1227
Ion Ratio Lower Upper
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141 90.6 74.2 111.4

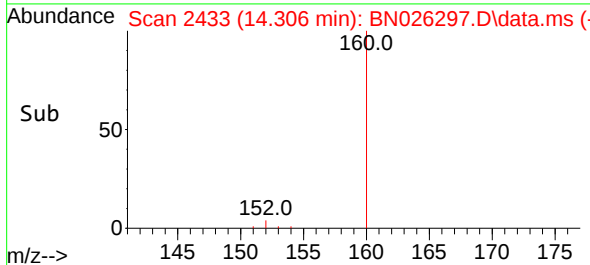
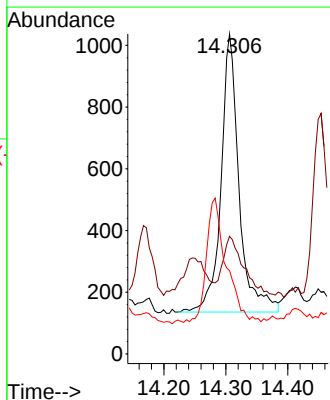
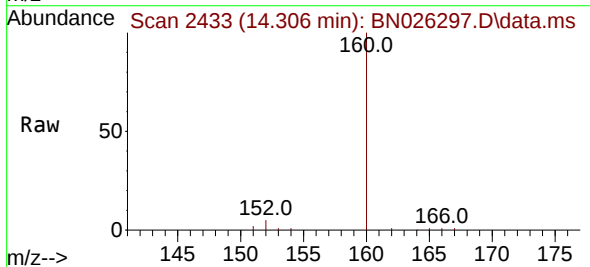
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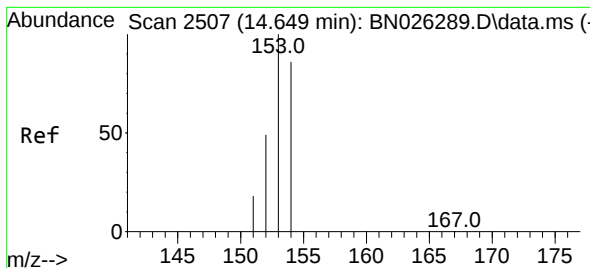
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BN026297.D
Acq: 05 Jul 2023 18:01

Tgt Ion:152 Resp: 1829
Ion Ratio Lower Upper
152 100
151 36.7 16.2 24.4#
153 26.0 10.9 16.3#





#11

Acenaphthene

Concen: 0.025 ng/ul

RT: 14.648 min Scan# 2507

Delta R.T. -0.006 min

Lab File: BN026297.D

Acq: 05 Jul 2023 18:01

Instrument :

BNA_N

ClientSampleId :

DCGM7

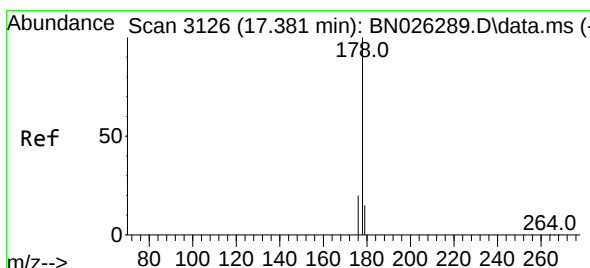
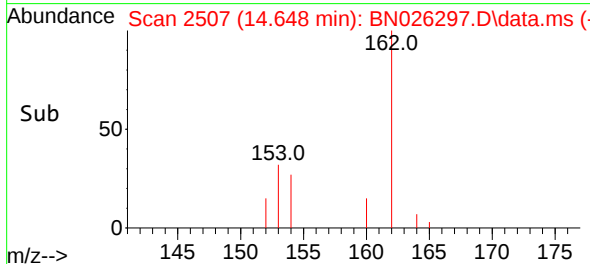
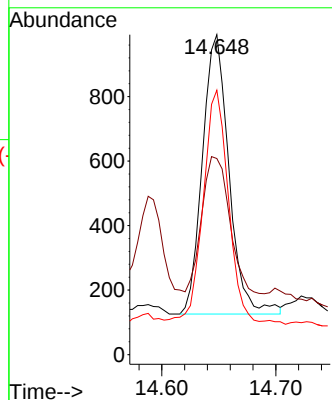
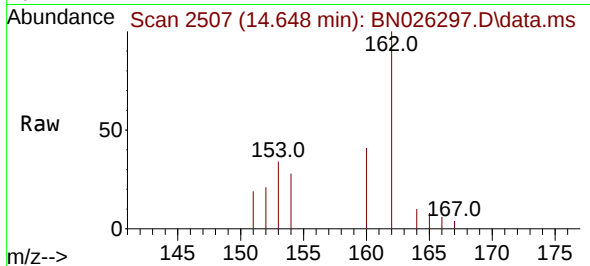
Tgt Ion:153 Resp: 1399

Ion	Ratio	Lower	Upper
153	100		
152	61.3	39.4	59.0
154	82.7	68.9	103.3

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Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#15

Phenanthrene

Concen: 0.356 ng/ul

RT: 17.376 min Scan# 3125

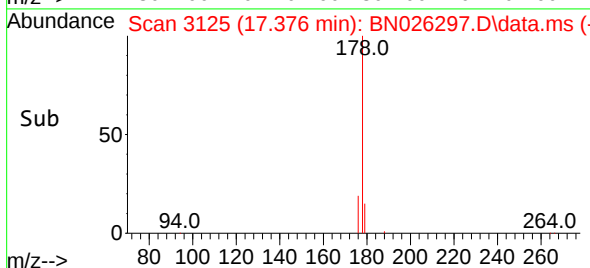
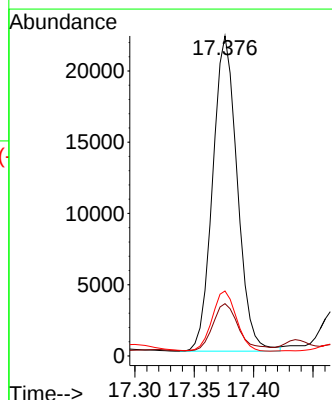
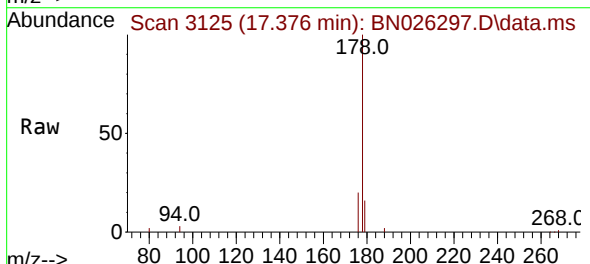
Delta R.T. -0.010 min

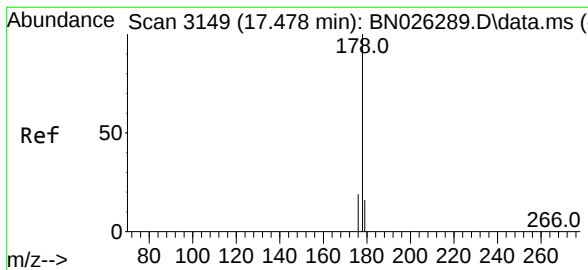
Lab File: BN026297.D

Acq: 05 Jul 2023 18:01

Tgt Ion:178 Resp: 31812

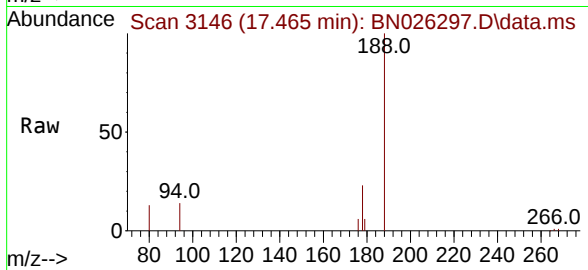
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	19.0
176	20.3	15.8	23.6





#16
 Anthracene
 Concen: 0.049 ng/ul
 RT: 17.465 min Scan# 3146
 Delta R.T. -0.014 min
 Lab File: BN026297.D
 Acq: 05 Jul 2023 18:01

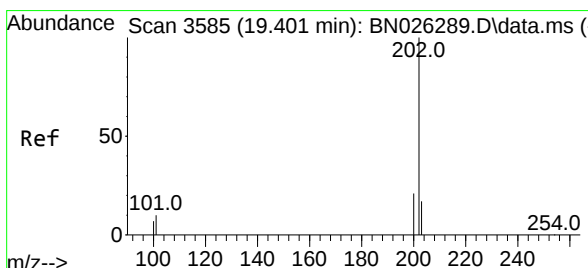
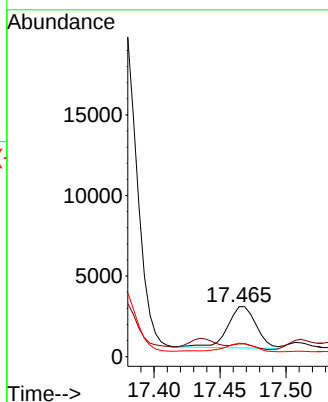
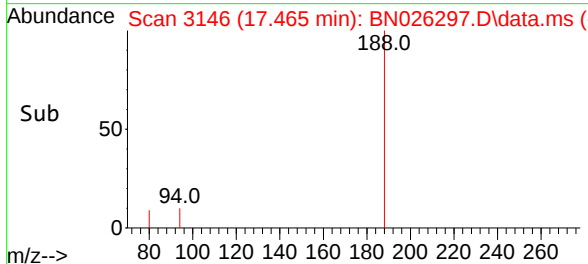
Instrument :
 BNA_N
 ClientSampleId :
 DCGM7



Tgt Ion:178 Resp: 3854
 Ion Ratio Lower Upper
 178 100
 179 25.5 12.6 18.8
 176 26.8 15.1 22.7

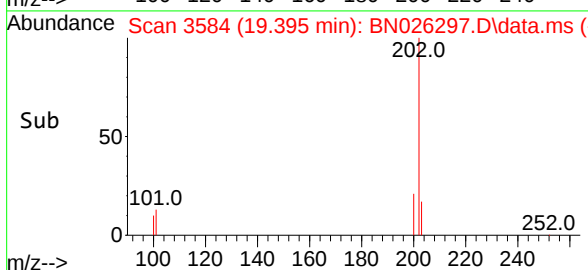
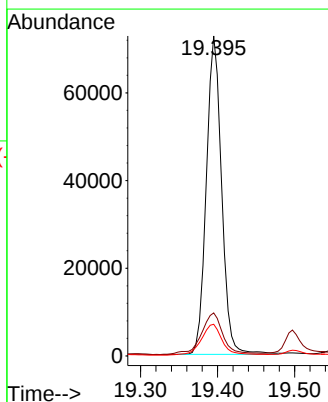
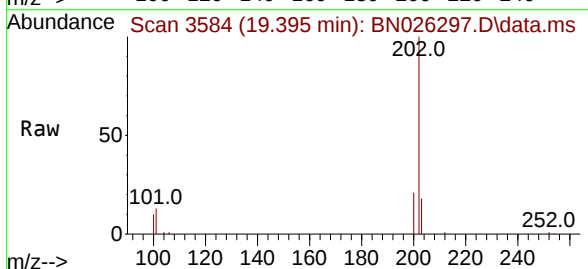
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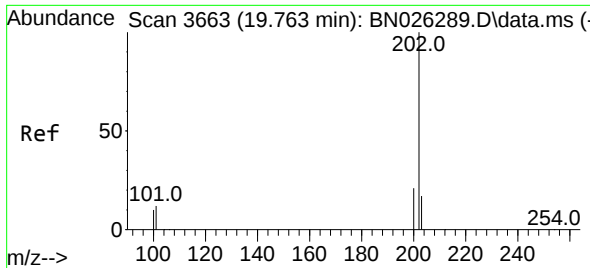
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023



#19
 Fluoranthene
 Concen: 0.977 ng/ul
 RT: 19.395 min Scan# 3584
 Delta R.T. -0.006 min
 Lab File: BN026297.D
 Acq: 05 Jul 2023 18:01

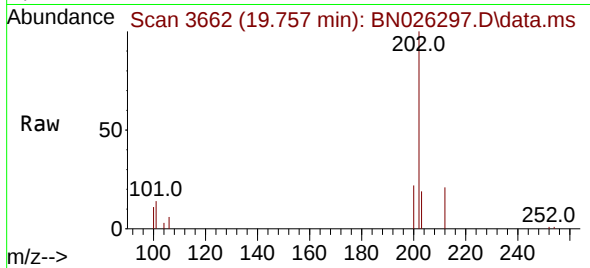
Tgt Ion:202 Resp: 100017
 Ion Ratio Lower Upper
 202 100
 101 13.5 9.5 14.3
 100 9.9 7.3 10.9





#20
Pyrene
Concen: 0.763 ng/ul
RT: 19.757 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN026297.D
Acq: 05 Jul 2023 18:01

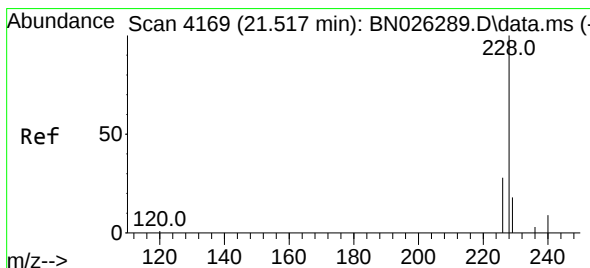
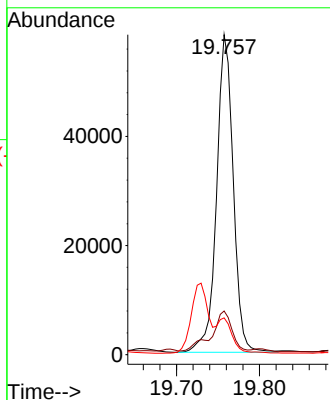
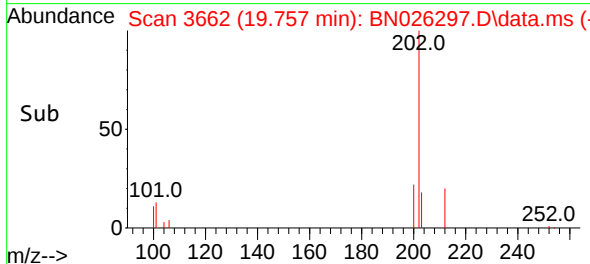
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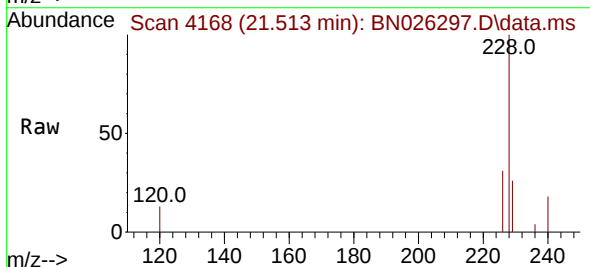
Tgt Ion:202 Resp: 81184
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 11.5 9.1 13.7

Manual Integrations
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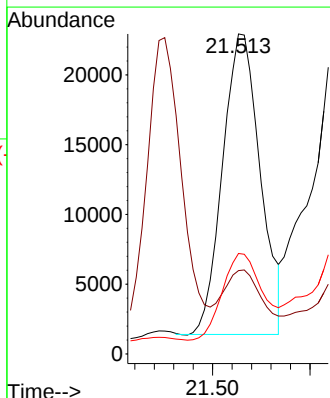
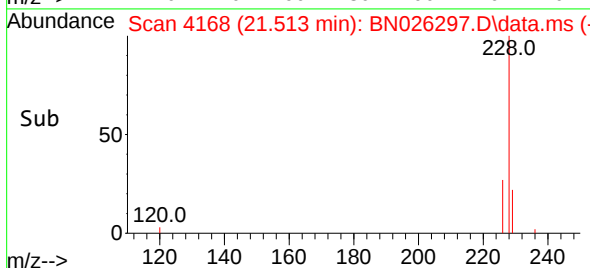
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Supervised By :Sohil Jodhani 07/05/2023

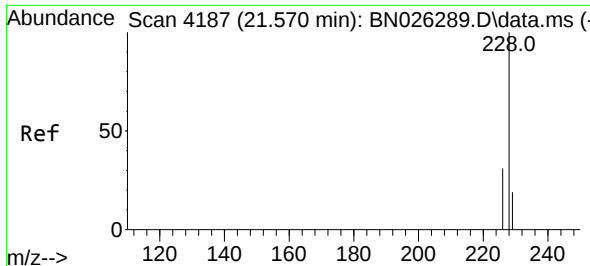


#21
Benzo(a)anthracene
Concen: 0.367 ng/ul m
RT: 21.513 min Scan# 4168
Delta R.T. -0.002 min
Lab File: BN026297.D
Acq: 05 Jul 2023 18:01



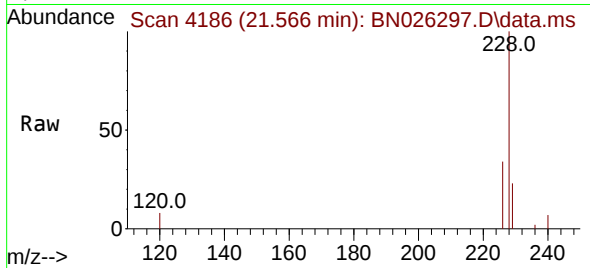
Tgt Ion:228 Resp: 29007
Ion Ratio Lower Upper
228 100
229 26.1 15.8 23.6#
226 31.4 22.5 33.7





#22
Chrysene
Concen: 0.564 ng/ul
RT: 21.566 min Scan# 4186
Delta R.T. -0.005 min
Lab File: BN026297.D
Acq: 05 Jul 2023 18:01

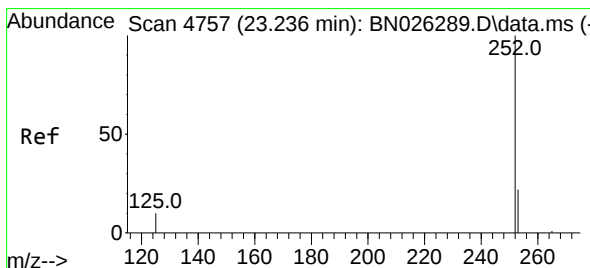
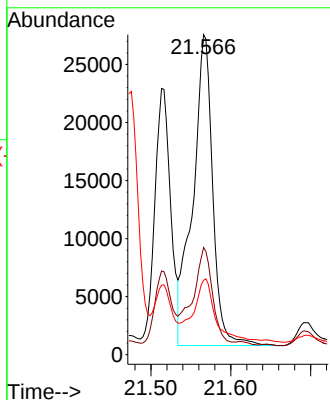
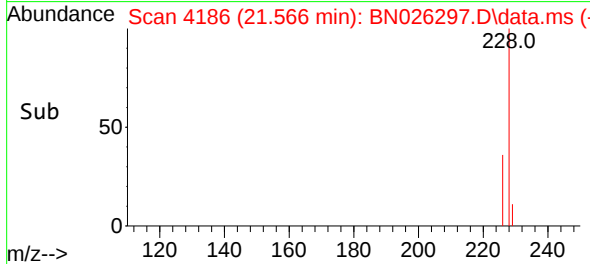
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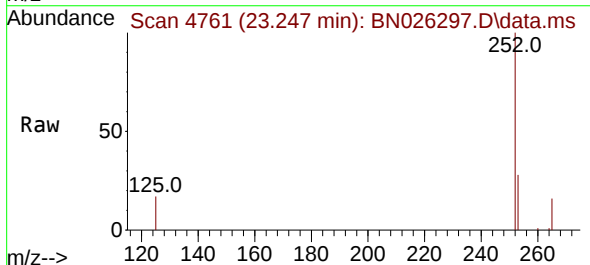
Tgt Ion:228 Resp: 46364
Ion Ratio Lower Upper
228 100
226 33.5 24.8 37.2
229 23.3 15.7 23.5

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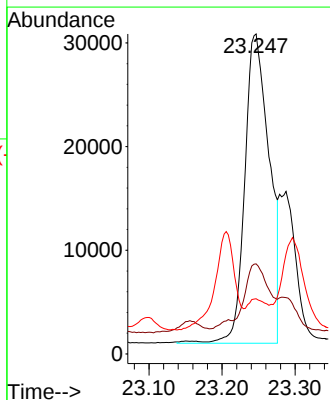
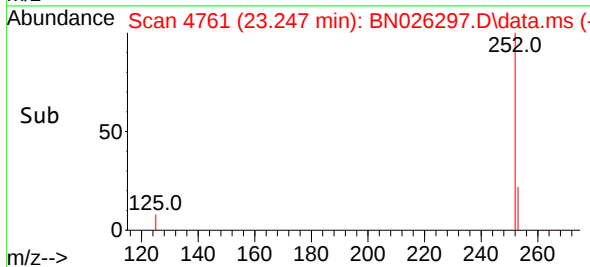
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

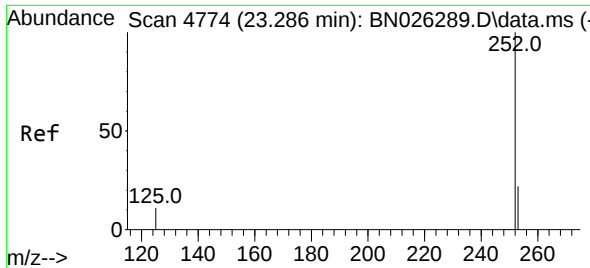


#24
Benzo(b)fluoranthene
Concen: 1.035 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. 0.001 min
Lab File: BN026297.D
Acq: 05 Jul 2023 18:01



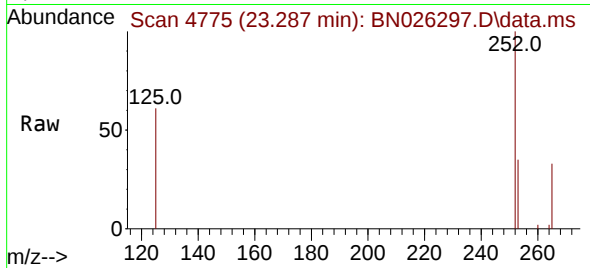
Tgt Ion:252 Resp: 69521
Ion Ratio Lower Upper
252 100
253 28.2 0.0 55.6
125 17.2 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.333 ng/ul m
RT: 23.287 min Scan# 4774
Delta R.T. -0.005 min
Lab File: BN026297.D
Acq: 05 Jul 2023 18:01

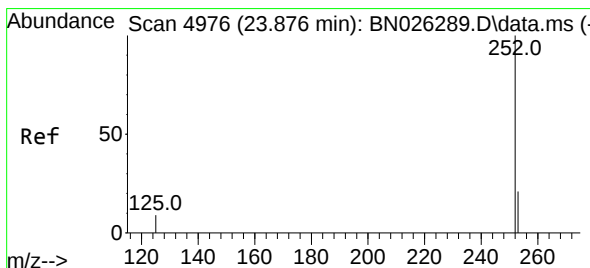
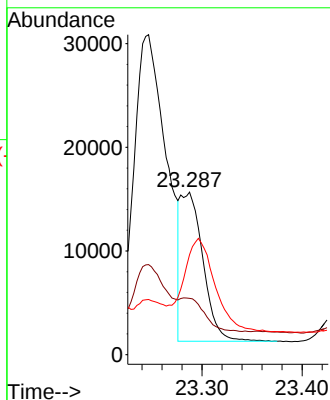
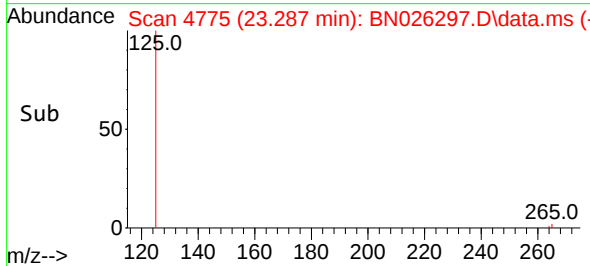
Instrument :
BNA_N
ClientSampleId :
DCGM7



Tgt Ion:252 Resp: 2247
Ion Ratio Lower Upper
252 100
253 34.6 23.2 34.8
125 61.5 15.0 22.4

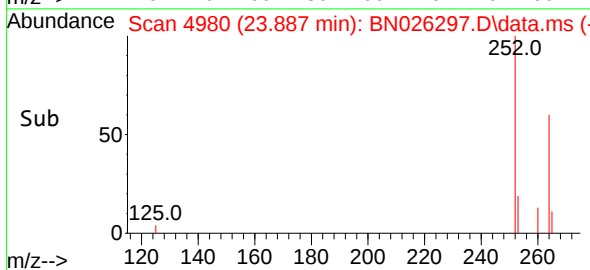
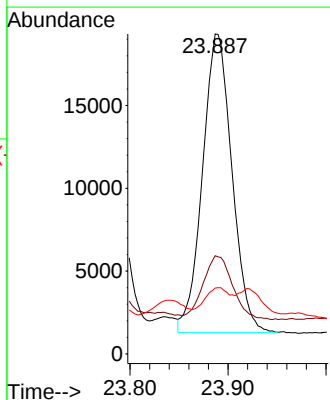
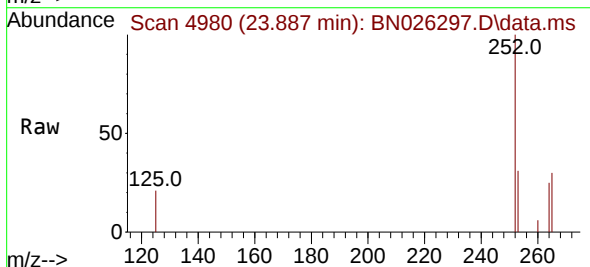
Manual Integrations
APPROVED

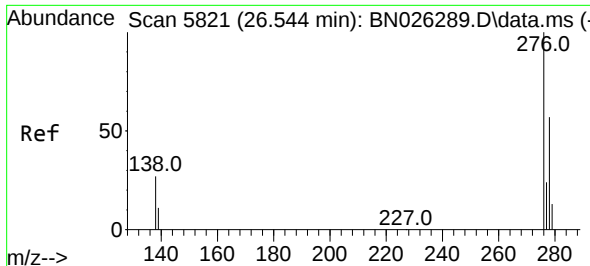
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#26
Benzo(a)pyrene
Concen: 0.644 ng/ul
RT: 23.887 min Scan# 4980
Delta R.T. -0.002 min
Lab File: BN026297.D
Acq: 05 Jul 2023 18:01

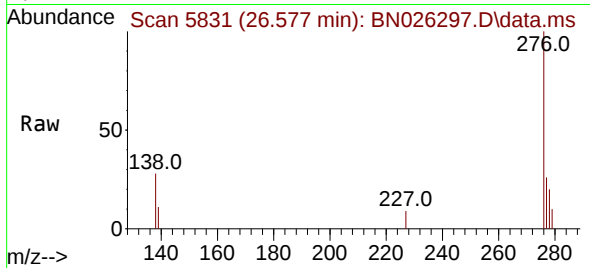
Tgt Ion:252 Resp: 37594
Ion Ratio Lower Upper
252 100
253 30.7 26.0 39.0
125 20.6 17.3 25.9





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.559 ng/ul
 RT: 26.577 min Scan# 5831
 Delta R.T. -0.005 min
 Lab File: BN026297.D
 Acq: 05 Jul 2023 18:01

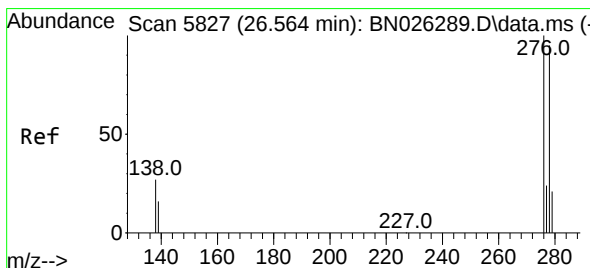
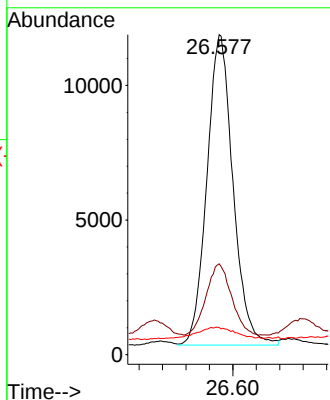
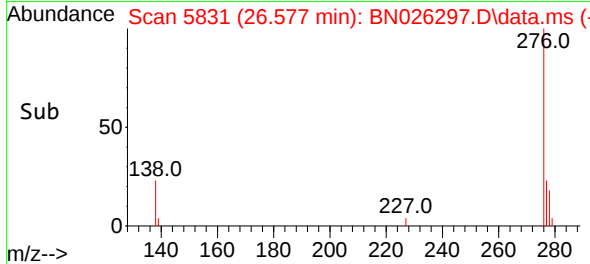
Instrument :
 BNA_N
 ClientSampleId :
 DCGM7



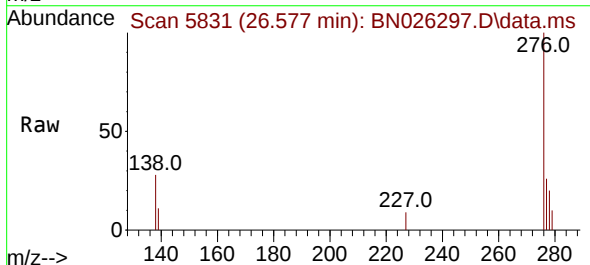
Tgt Ion:276 Resp: 3561
 Ion Ratio Lower Upper
 276 100
 138 22.3 24.5 36.7#
 227 5.5 0.0 0.0#

Manual Integrations
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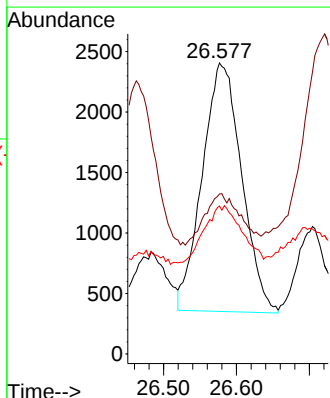
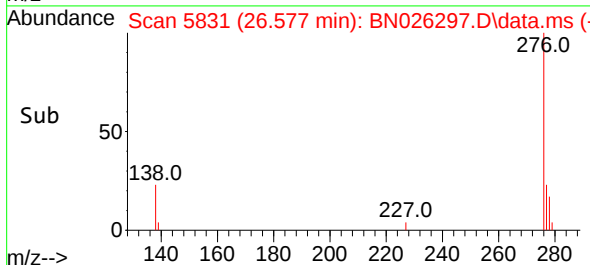
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

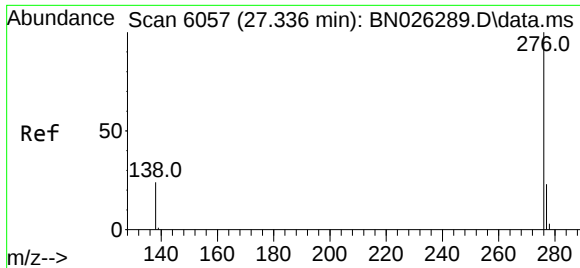


#28
 Dibenzo(a,h)anthracene
 Concen: 0.160 ng/ul
 RT: 26.577 min Scan# 5831
 Delta R.T. -0.019 min
 Lab File: BN026297.D
 Acq: 05 Jul 2023 18:01



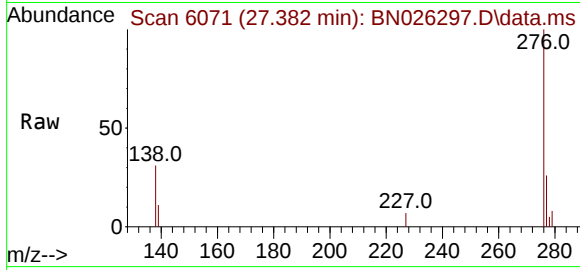
Tgt Ion:278 Resp: 7706
 Ion Ratio Lower Upper
 278 100
 139 55.0 19.0 28.4#
 279 50.9 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.534 ng/ul
 RT: 27.382 min Scan# 6071
 Delta R.T. 0.002 min
 Lab File: BN026297.D
 Acq: 05 Jul 2023 18:01

Instrument :
 BNA_N
 ClientSampleId :
 DCGM7



Tgt Ion: 276 Resp: 30270

Ion	Ratio	Lower	Upper
276	100		
138	31.0	23.4	35.0
277	26.5	20.0	30.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

