

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026062.D
 Acq On : 28 Jun 2023 17:26
 Operator : MA/JU
 Sample : 03142-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 28 23:15:31 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 Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	6738	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	21999	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	13577	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	28723	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	17036	0.400	ng/ul	# 0.00
23) Perylene-d12	23.999	264	16133	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	14532	1.915	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	4376	0.129	ng/ul	0.00
18) Fluoranthene-d10	19.382	212	9844	0.152	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.831	128	2329	0.037	ng/ul#	85
7) 2-Methylnaphthalene	12.442	142	1498	0.037	ng/ul	99
8) 1-Methylnaphthalene	12.662	142	933	0.022	ng/ul	91
15) Phenanthrene	17.393	178	12519	0.132	ng/ul	96
16) Anthracene	17.486	178	2066	0.024	ng/ul#	69
19) Fluoranthene	19.410	202	33643	0.370	ng/ul#	94
20) Pyrene	19.772	202	29807m	0.315	ng/ul	
21) Benzo(a)anthracene	21.529	228	14624	0.208	ng/ul#	91
22) Chrysene	21.579	228	21950	0.300	ng/ul#	88
24) Benzo(b)fluoranthene	23.256	252	27633m	0.401	ng/ul	
25) Benzo(k)fluoranthene	23.300	252	10132m	0.147	ng/ul	
26) Benzo(a)pyrene	23.897	252	17767	0.297	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.568	276	15356	0.235	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.574	278	3881	0.079	ng/ul#	21
29) Benzo(g,h,i)perylene	27.366	276	17699	0.305	ng/ul	94

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

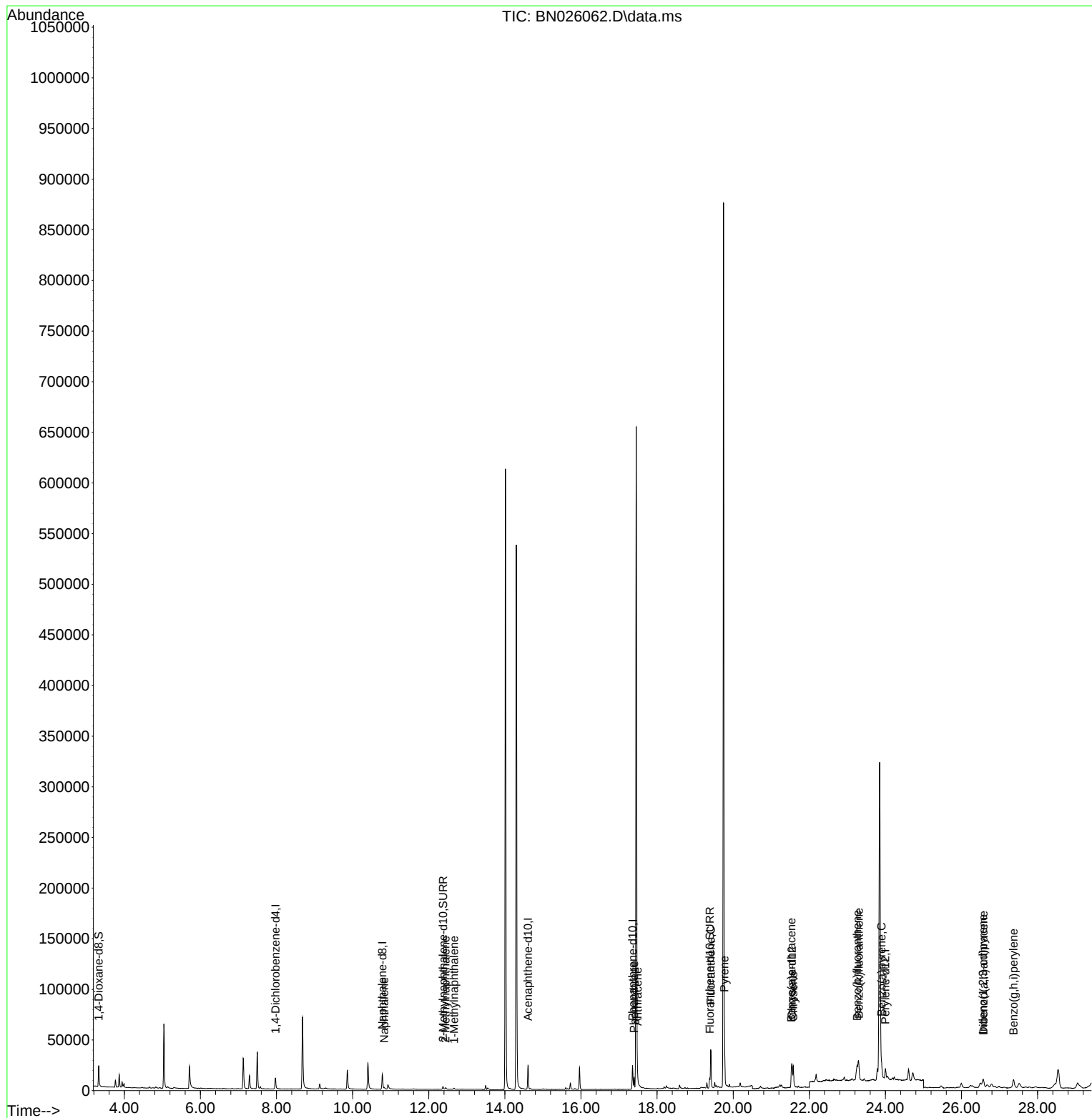
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Data File : BN026062.D
Acq On : 28 Jun 2023 17:26
Operator : MA/JU
Sample : 03142-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

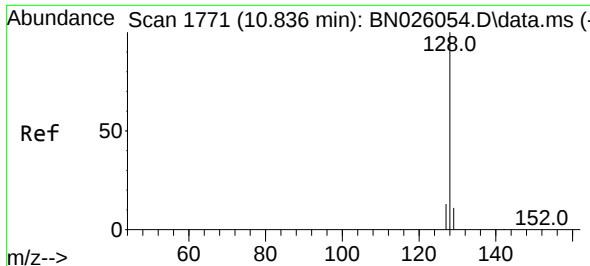
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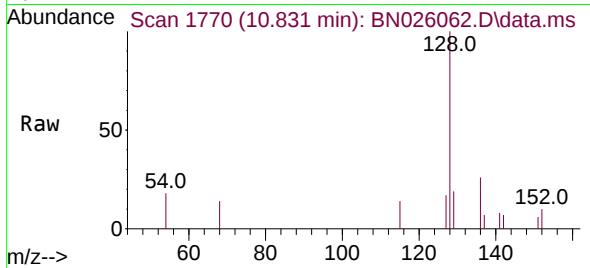
Quant Time: Jun 28 23:15:31 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.831 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BN026062.D
Acq: 28 Jun 2023 17:26

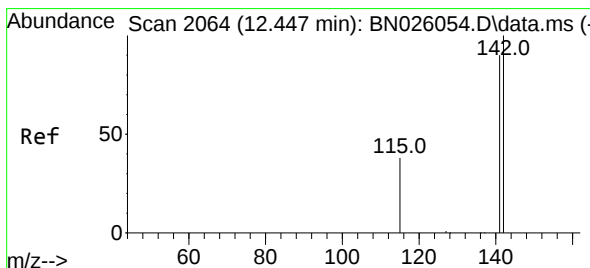
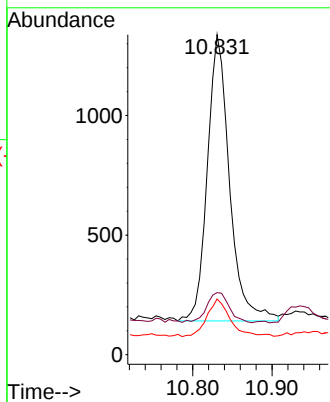
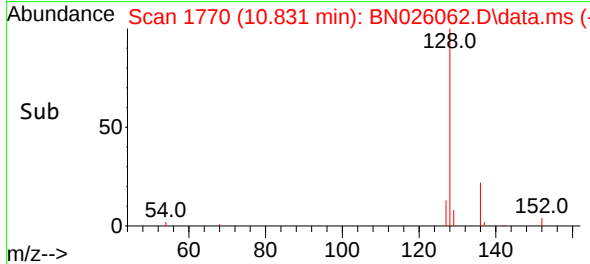
Instrument :
BNA_N
ClientSampleId :
DCFS0



Tgt Ion:128 Resp: 2329
Ion Ratio Lower Upper
128 100
129 19.4 9.1 13.7
127 17.4 10.7 16.1

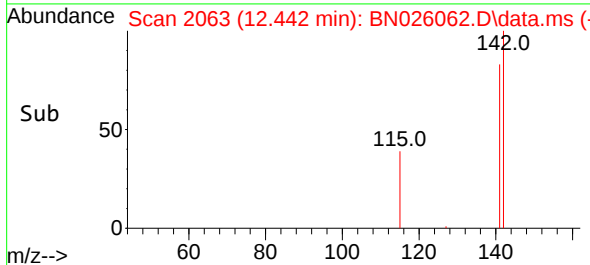
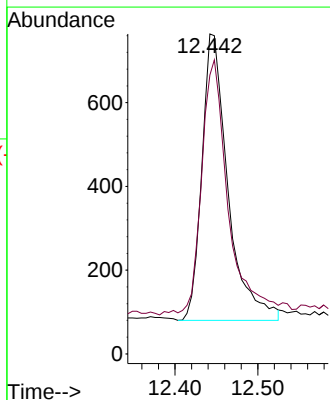
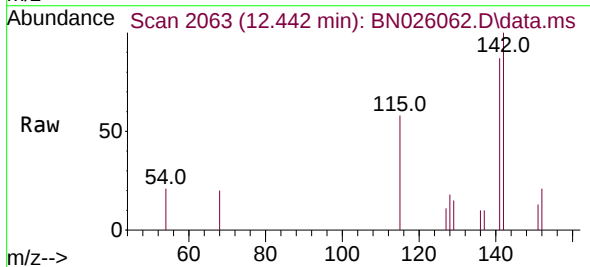
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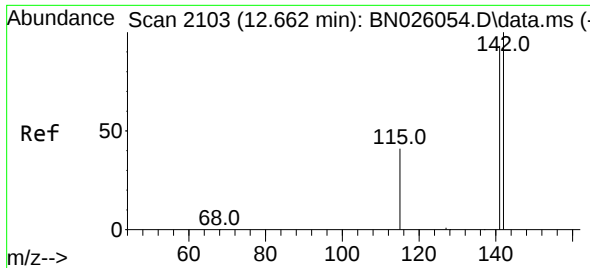
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN026062.D
Acq: 28 Jun 2023 17:26

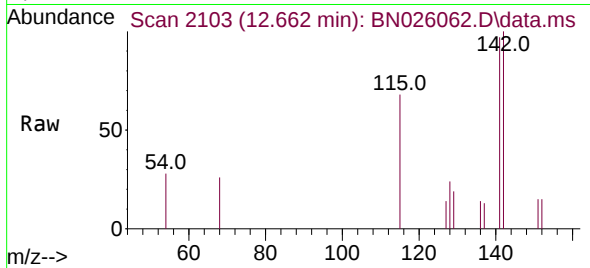
Tgt Ion:142 Resp: 1498
Ion Ratio Lower Upper
142 100
141 90.5 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.662 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN026062.D
Acq: 28 Jun 2023 17:26

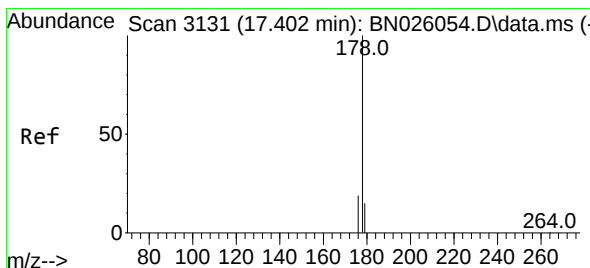
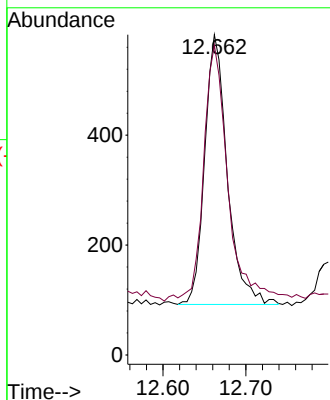
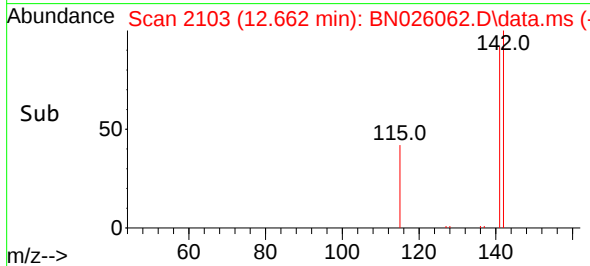
Instrument :
BNA_N
ClientSampleId :
DCFS0



Tgt Ion:142 Resp: 933
Ion Ratio Lower Upper
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141 101.6 74.2 111.4

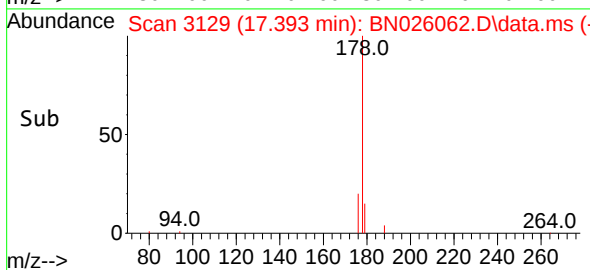
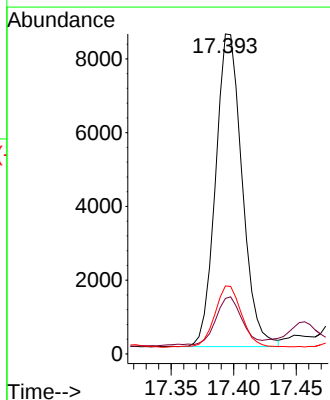
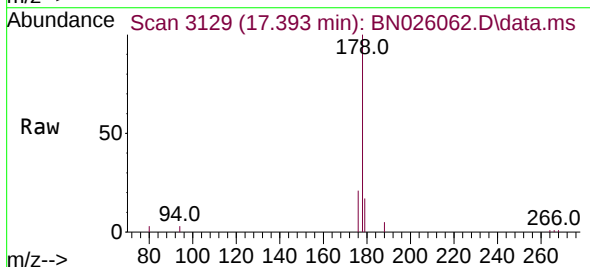
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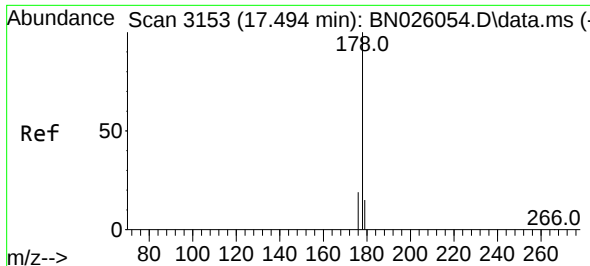
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#15
Phenanthrene
Concen: 0.132 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026062.D
Acq: 28 Jun 2023 17:26

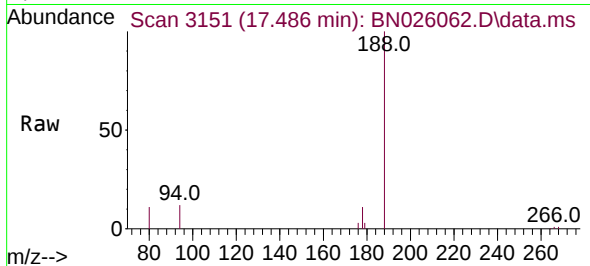
Tgt Ion:178 Resp: 12519
Ion Ratio Lower Upper
178 100
179 17.3 12.6 19.0
176 21.2 15.8 23.6





#16
 Anthracene
 Concen: 0.024 ng/ul
 RT: 17.486 min Scan# 3151
 Delta R.T. -0.008 min
 Lab File: BN026062.D
 Acq: 28 Jun 2023 17:26

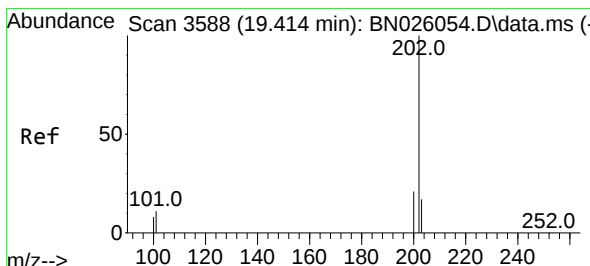
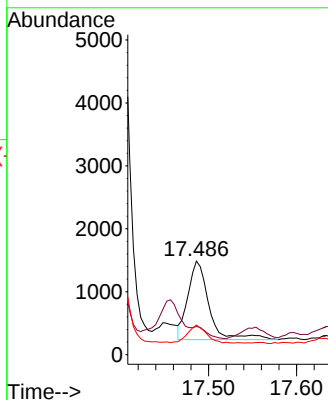
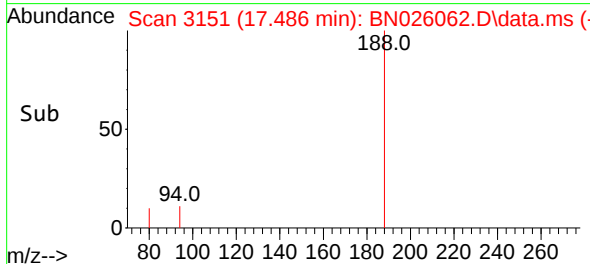
Instrument :
 BNA_N
 ClientSampleId :
 DCFS0



Tgt Ion:178 Resp: 2060
 Ion Ratio Lower Upper
 178 100
 179 30.0 12.6 18.8
 176 31.5 15.1 22.7

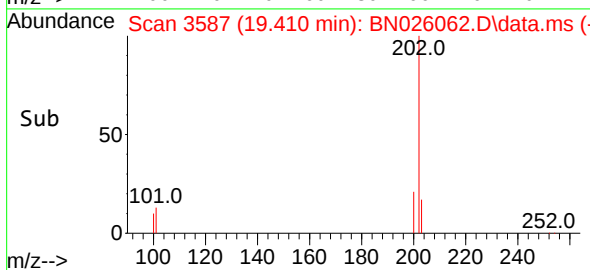
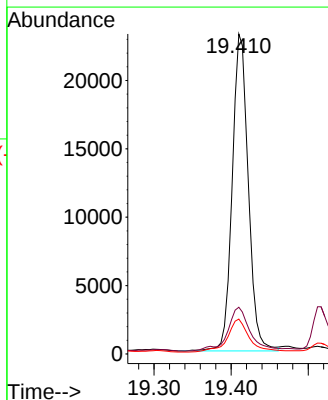
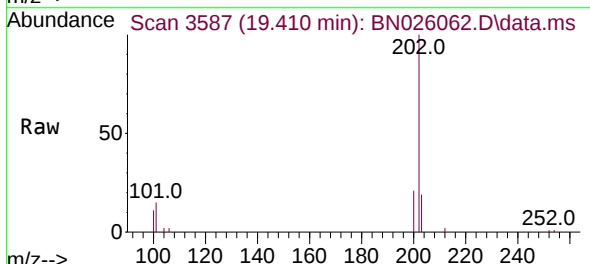
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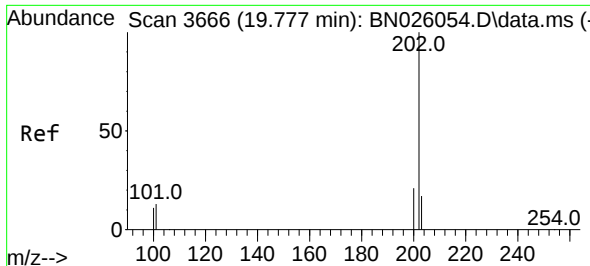
Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/30/2023



#19
 Fluoranthene
 Concen: 0.370 ng/ul
 RT: 19.410 min Scan# 3587
 Delta R.T. -0.004 min
 Lab File: BN026062.D
 Acq: 28 Jun 2023 17:26

Tgt Ion:202 Resp: 33643
 Ion Ratio Lower Upper
 202 100
 101 14.6 9.5 14.3
 100 10.9 7.3 10.9





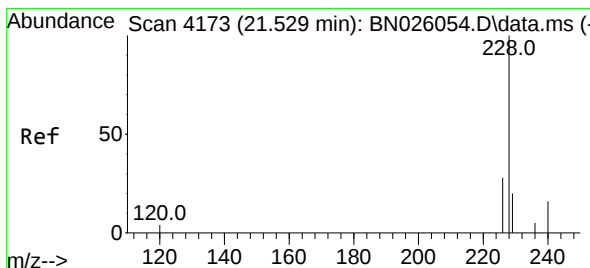
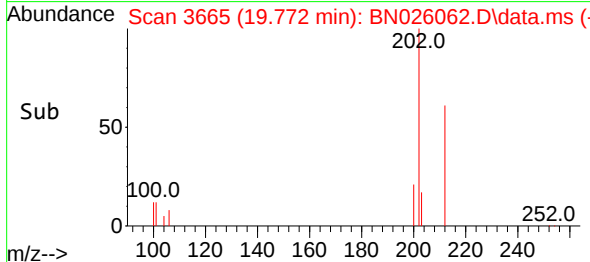
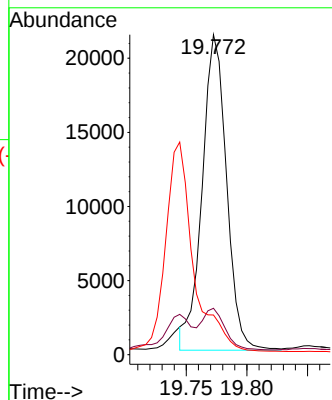
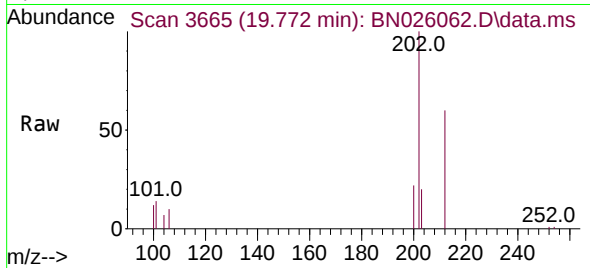
#20
Pyrene
Concen: 0.315 ng/ul m
RT: 19.772 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BN026062.D
Acq: 28 Jun 2023 17:26

Instrument :
BNA_N
ClientSampleId :
DCFS0

Tgt Ion:202 Resp: 2980
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 12.4 9.1 13.7

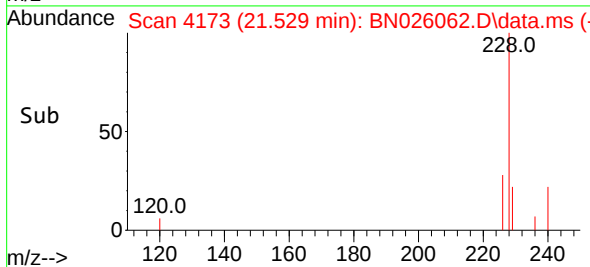
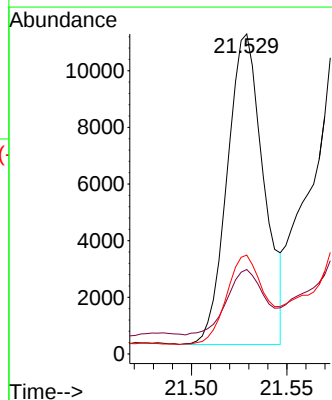
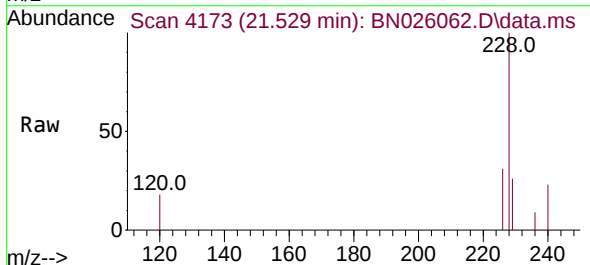
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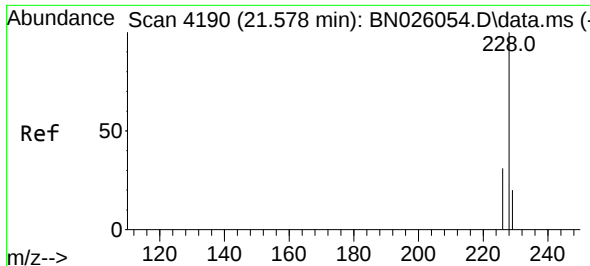
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#21
Benzo(a)anthracene
Concen: 0.208 ng/ul
RT: 21.529 min Scan# 4173
Delta R.T. 0.000 min
Lab File: BN026062.D
Acq: 28 Jun 2023 17:26

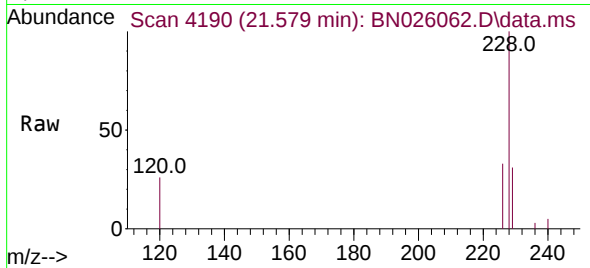
Tgt Ion:228 Resp: 14624
Ion Ratio Lower Upper
228 100
229 26.4 15.8 23.6#
226 30.9 22.5 33.7





#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.579 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BN026062.D
Acq: 28 Jun 2023 17:26

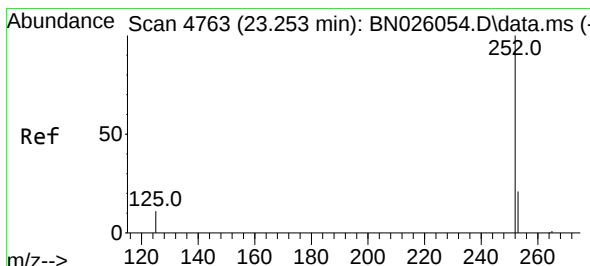
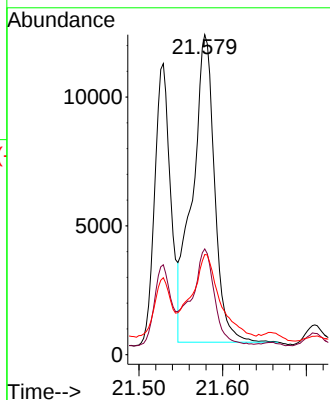
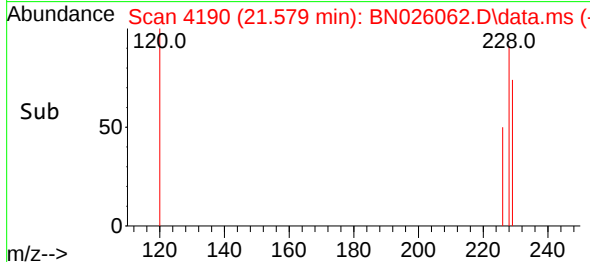
Instrument :
BNA_N
ClientSampleId :
DCFS0



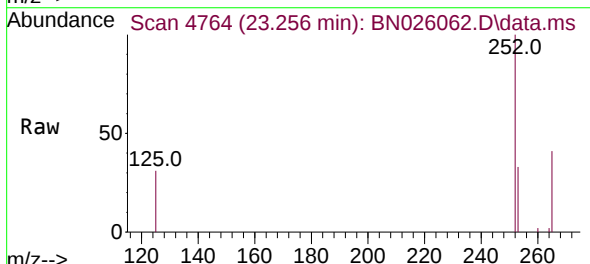
Tgt Ion:228 Resp: 21950
Ion Ratio Lower Upper
228 100
226 33.0 24.8 37.2
229 31.3 15.7 23.5

Manual Integrations
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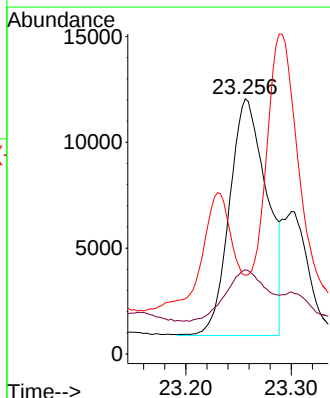
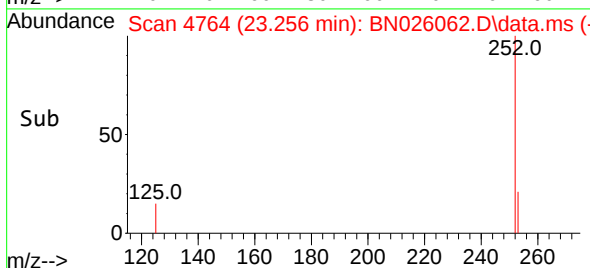
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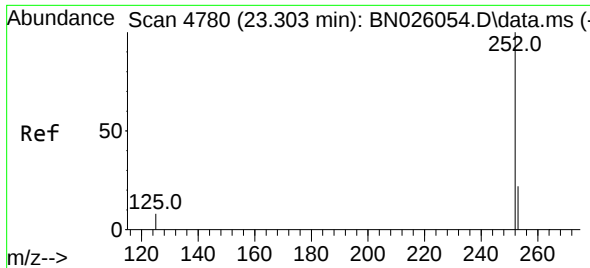


#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul m
RT: 23.256 min Scan# 4764
Delta R.T. 0.003 min
Lab File: BN026062.D
Acq: 28 Jun 2023 17:26



Tgt Ion:252 Resp: 27633
Ion Ratio Lower Upper
252 100
253 33.0 0.0 55.6
125 30.8 0.0 35.8





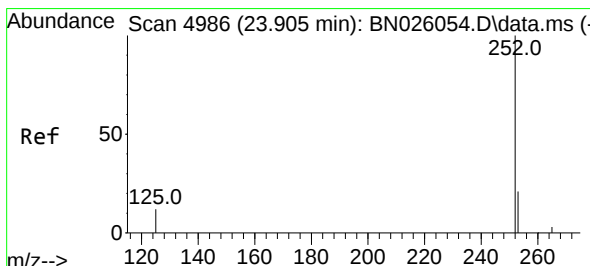
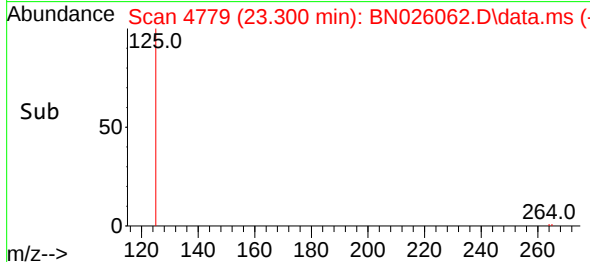
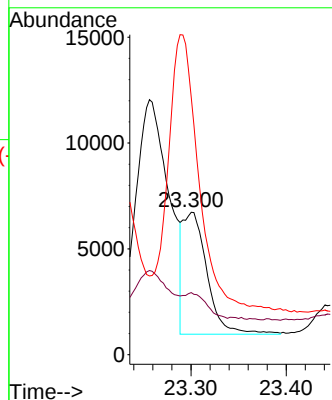
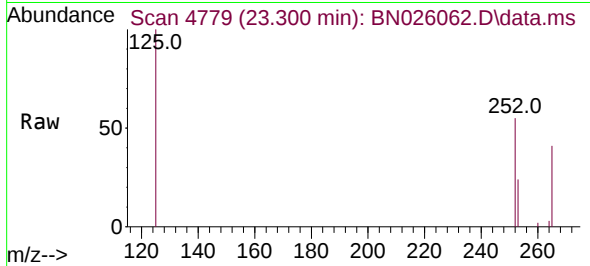
#25
Benzo(k)fluoranthene
Concen: 0.147 ng/ul m
RT: 23.300 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN026062.D
Acq: 28 Jun 2023 17:26

Instrument :
BNA_N
ClientSampleId :
DCFS0

Tgt Ion:252 Resp: 1013
Ion Ratio Lower Upper
252 100
253 43.6 23.2 34.8
125 180.8 15.0 22.4

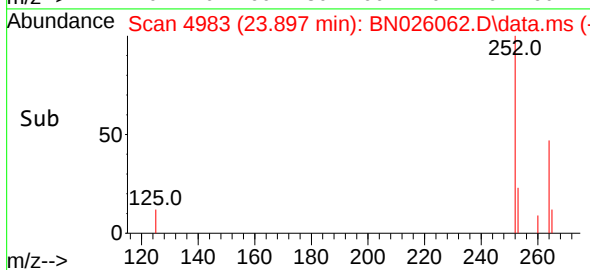
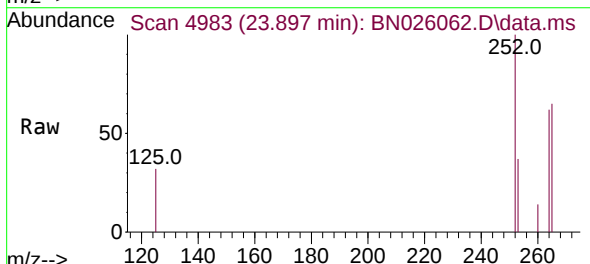
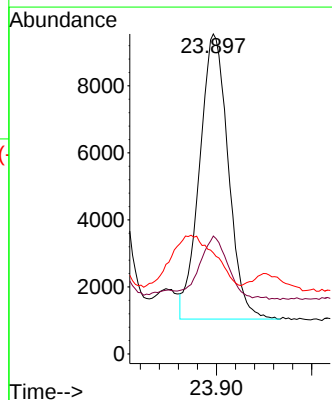
Manual Integrations
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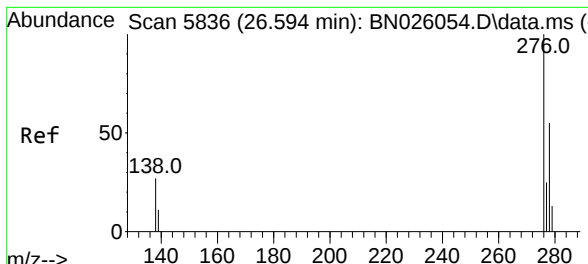
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#26
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.897 min Scan# 4983
Delta R.T. -0.009 min
Lab File: BN026062.D
Acq: 28 Jun 2023 17:26

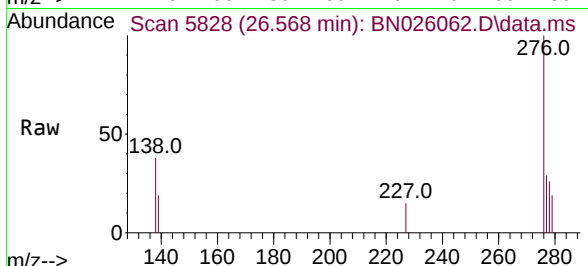
Tgt Ion:252 Resp: 17767
Ion Ratio Lower Upper
252 100
253 36.9 26.0 39.0
125 31.6 17.3 25.9





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.235 ng/ul
 RT: 26.568 min Scan# 5828
 Delta R.T. -0.027 min
 Lab File: BN026062.D
 Acq: 28 Jun 2023 17:26

Instrument : BNA_N
 ClientSampleId : DCFS0

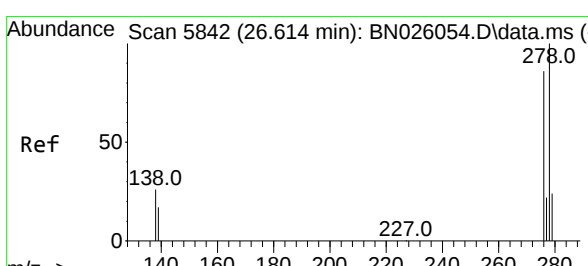
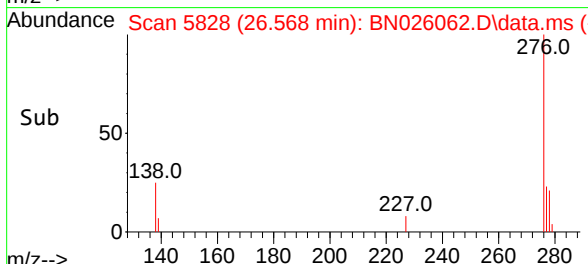
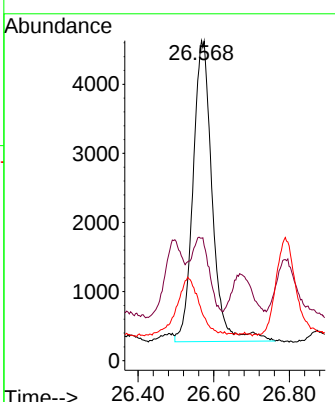


Tgt Ion: 276 Resp: 1535

Ion	Ratio	Lower	Upper
276	100		
138	0.0	24.5	36.7
227	0.0	0.0	0.0

Manual Integrations
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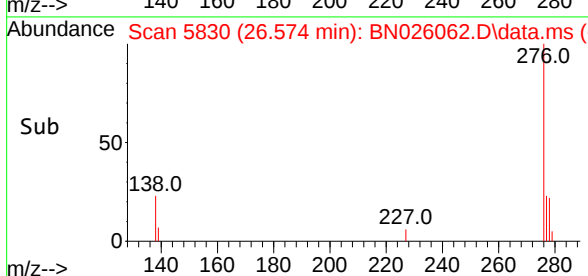
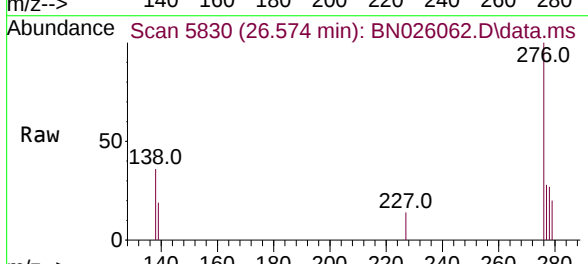
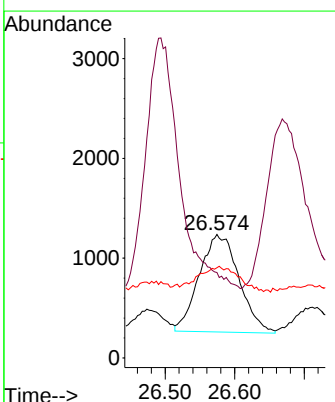
Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/30/2023

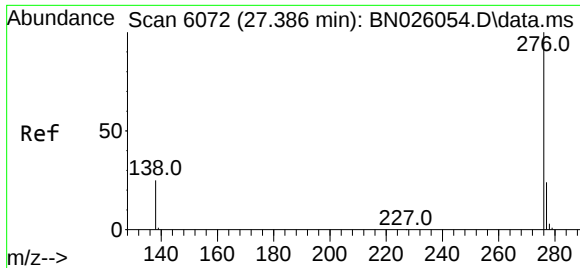


#28
 Dibenzo(a,h)anthracene
 Concen: 0.079 ng/ul
 RT: 26.574 min Scan# 5830
 Delta R.T. -0.040 min
 Lab File: BN026062.D
 Acq: 28 Jun 2023 17:26

Tgt Ion: 278 Resp: 3881

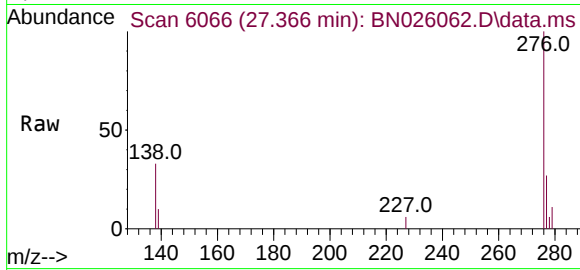
Ion	Ratio	Lower	Upper
278	100		
139	69.2	19.0	28.4
279	73.0	26.7	40.1





#29
 Benzo(g,h,i)perylene
 Concen: 0.305 ng/ul
 RT: 27.366 min Scan# 6072
 Delta R.T. -0.020 min
 Lab File: BN026062.D
 Acq: 28 Jun 2023 17:26

Instrument :
 BNA_N
 ClientSampleId :
 DCFS0



Tgt Ion:276 Resp: 17699
 Ion Ratio Lower Upper
 276 100
 138 32.8 23.4 35.0
 277 27.3 20.0 30.0

Manual Integrations
 APPROVED

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