

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN026994.D
 Acq On : 21 Aug 2023 15:54
 Operator : MA/JU
 Sample : 03965-06DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 01:39:03 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	6663	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	20853	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	12767	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.473	188	28726	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	22832	0.400	ng/ul	0.00
23) Perylene-d12	24.193	264	21138	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	4658	0.589	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1156	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	3018	0.042	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.982	128	1268	0.022	ng/ul#	77
15) Phenanthrene	17.515	178	11511	0.122	ng/ul	98
16) Anthracene	17.608	178	2176m	0.026	ng/ul	
19) Fluoranthene	19.520	202	31140	0.328	ng/ul	98
20) Pyrene	19.887	202	29419m	0.291	ng/ul	
21) Benzo(a)anthracene	21.633	228	15356	0.169	ng/ul	96
22) Chrysene	21.688	228	13391	0.149	ng/ul	96
24) Benzo(b)fluoranthene	23.401	252	20506m	0.256	ng/ul	
25) Benzo(k)fluoranthene	23.451	252	7262m	0.092	ng/ul	
26) Benzo(a)pyrene	24.076	252	12558	0.174	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.875	276	8290	0.088	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.905	278	1880	0.025	ng/ul#	19
29) Benzo(g,h,i)perylene	27.717	276	8068	0.103	ng/ul#	90

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

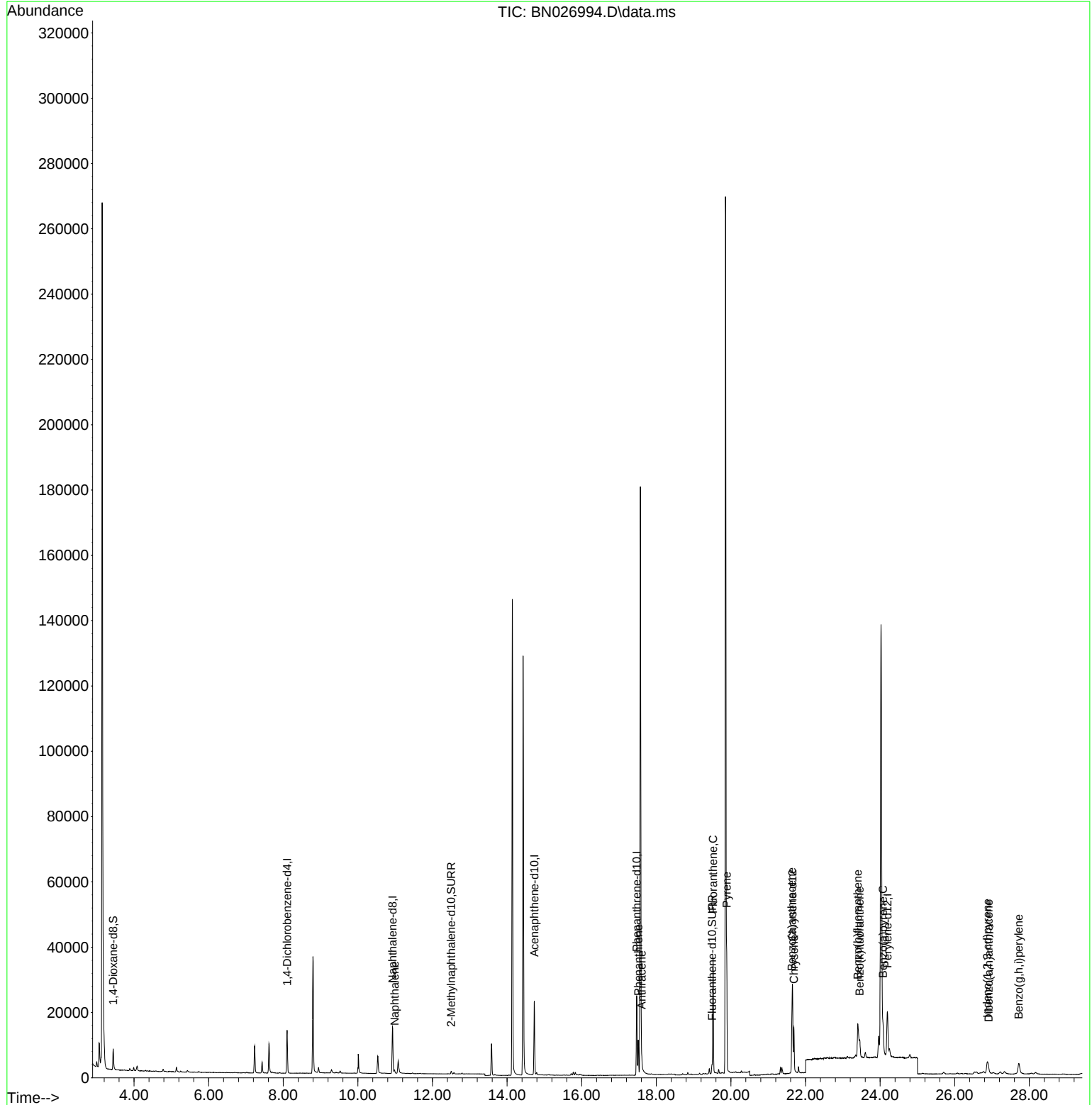
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN026994.D
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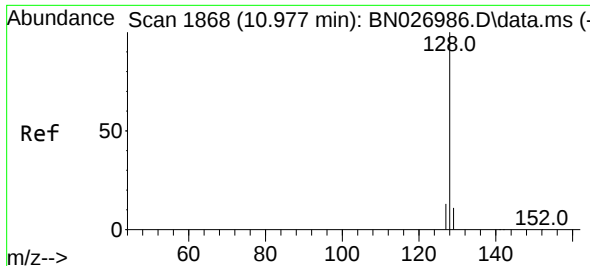
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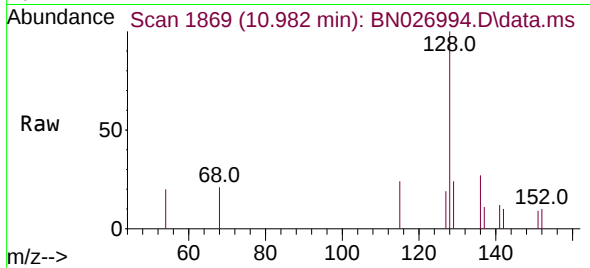
Quant Time: Aug 22 01:39:03 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
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#5
Naphthalene
Concen: 0.022 ng/uI
RT: 10.982 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54

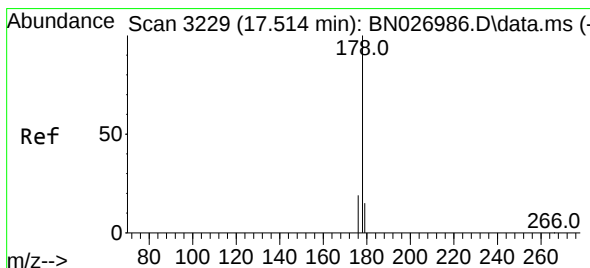
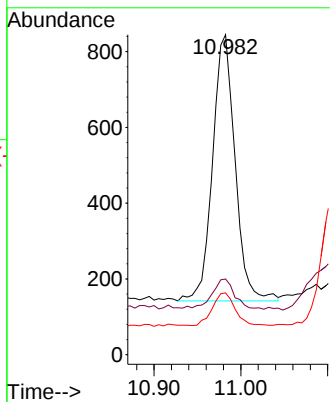
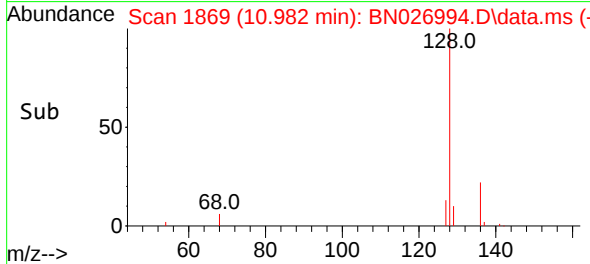
Instrument :
BNA_N
ClientSampleId :
A48H2DL



Tgt Ion:128 Resp: 1268
Ion Ratio Lower Upper
128 100
129 23.7 9.2 13.8
127 19.3 10.5 15.7

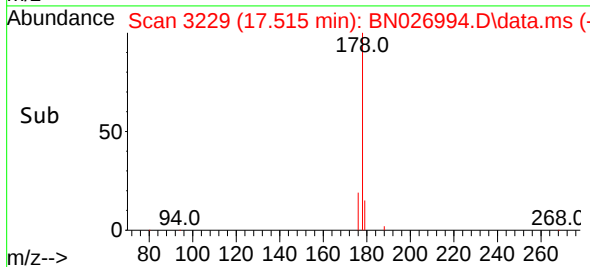
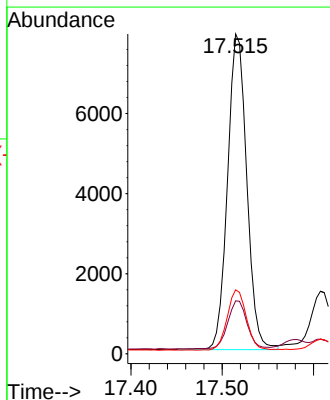
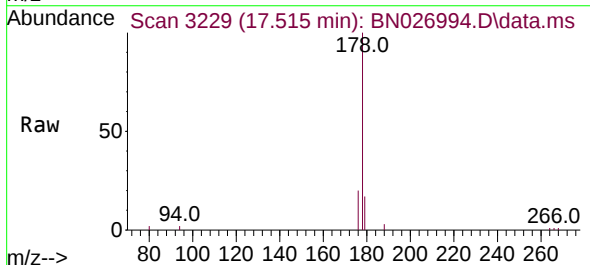
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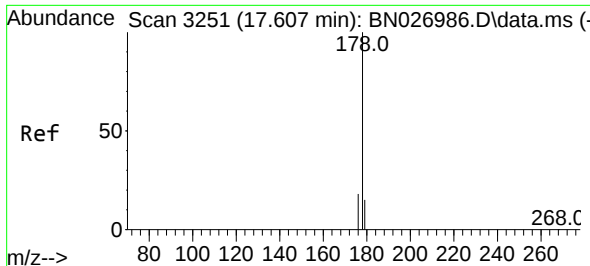
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#15
Phenanthrene
Concen: 0.122 ng/uI
RT: 17.515 min Scan# 3229
Delta R.T. -0.004 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54

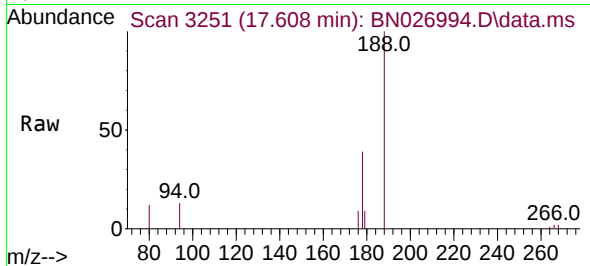
Tgt Ion:178 Resp: 11511
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 20.0 15.4 23.2





#16
 Anthracene
 Concen: 0.026 ng/ul m
 RT: 17.608 min Scan# 3251
 Delta R.T. 0.000 min
 Lab File: BN026994.D
 Acq: 21 Aug 2023 15:54

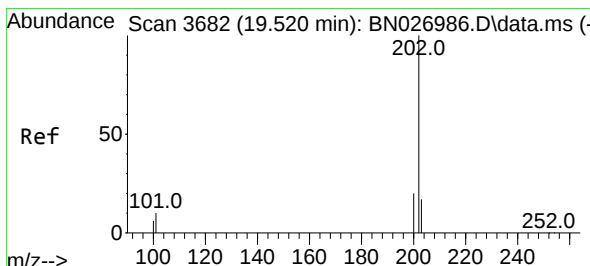
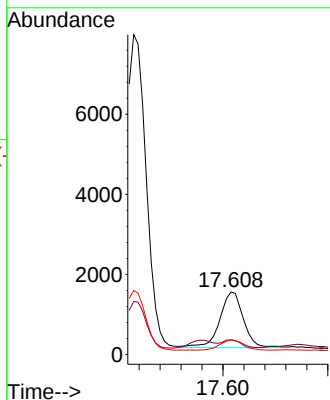
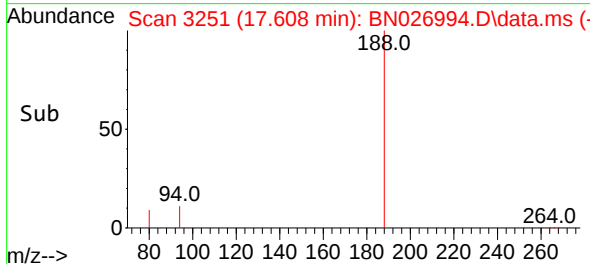
Instrument :
 BNA_N
 ClientSampleId :
 A48H2DL



Tgt Ion:178 Resp: 2176
 Ion Ratio Lower Upper
 178 100
 179 23.7 12.6 19.0
 176 23.4 15.0 22.6

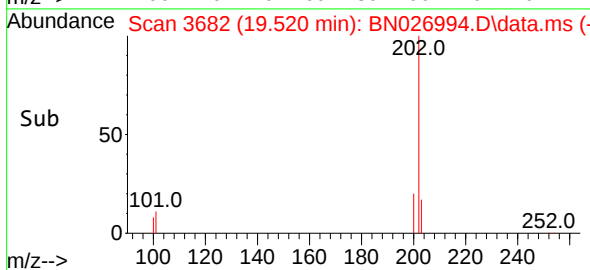
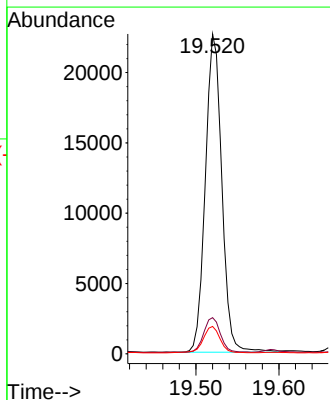
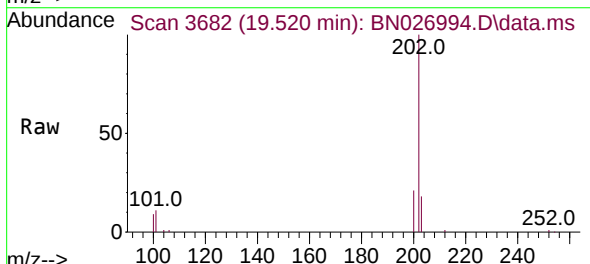
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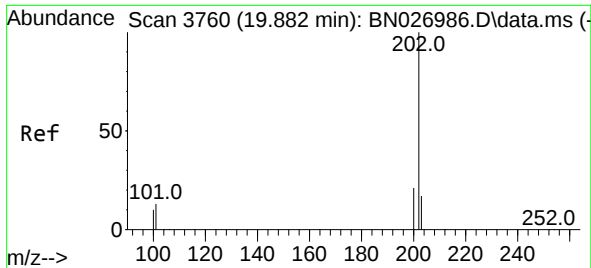
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



#19
 Fluoranthene
 Concen: 0.328 ng/ul
 RT: 19.520 min Scan# 3682
 Delta R.T. -0.005 min
 Lab File: BN026994.D
 Acq: 21 Aug 2023 15:54

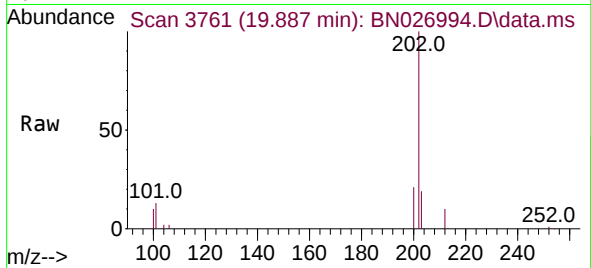
Tgt Ion:202 Resp: 31140
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.3 12.5
 100 8.6 6.2 9.2





#20
Pyrene
Concen: 0.291 ng/ul m
RT: 19.887 min Scan# 3761
Delta R.T. 0.000 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54

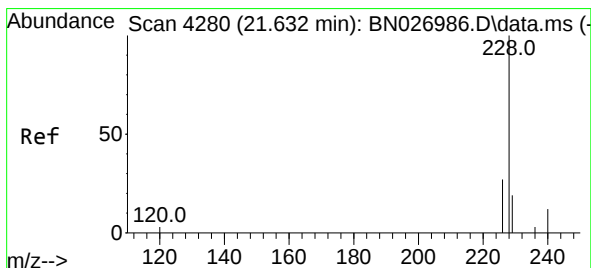
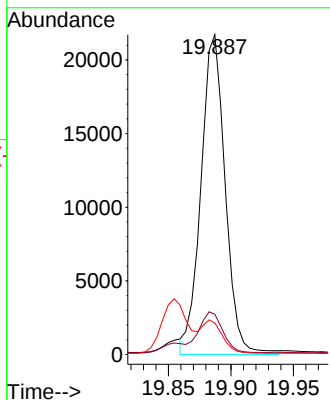
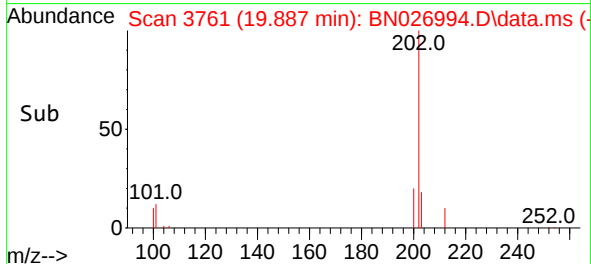
Instrument :
BNA_N
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A48H2DL



Tgt Ion:202 Resp: 29419
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 9.9 8.5 12.7

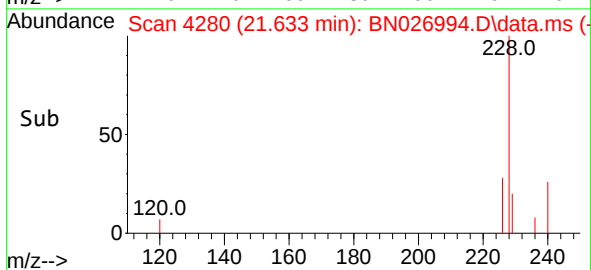
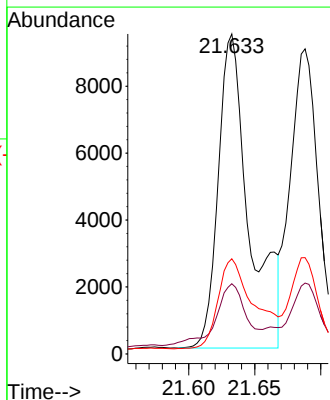
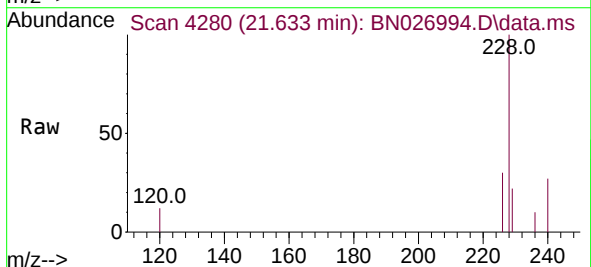
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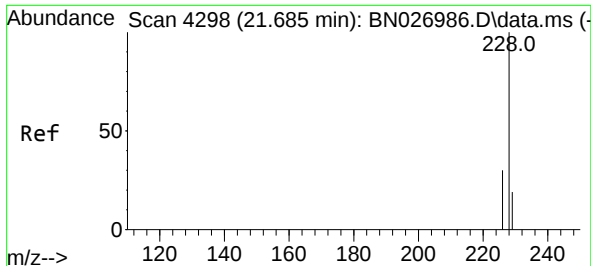
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#21
Benzo(a)anthracene
Concen: 0.169 ng/ul
RT: 21.633 min Scan# 4280
Delta R.T. 0.000 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54

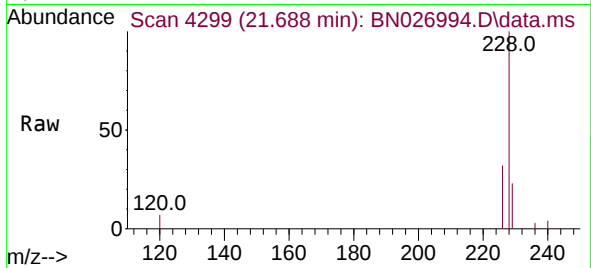
Tgt Ion:228 Resp: 15356
Ion Ratio Lower Upper
228 100
229 21.9 16.0 24.0
226 29.7 22.2 33.2





#22
Chrysene
Concen: 0.149 ng/ul
RT: 21.688 min Scan# 4299
Delta R.T. -0.003 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54

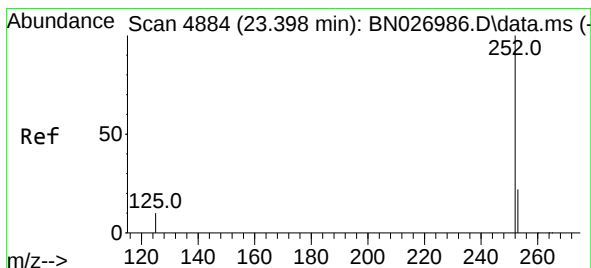
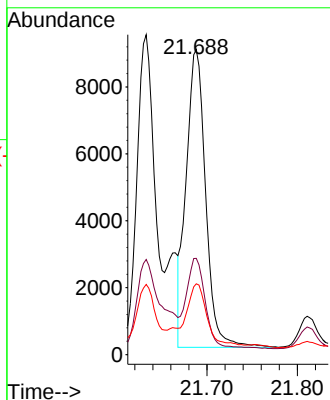
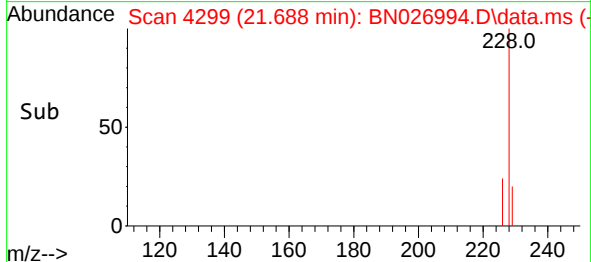
Instrument :
BNA_N
ClientSampleId :
A48H2DL



Tgt Ion:228 Resp: 13391
Ion Ratio Lower Upper
228 100
226 31.6 24.6 36.8
229 23.2 15.8 23.6

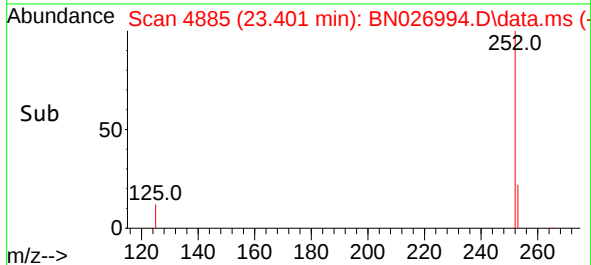
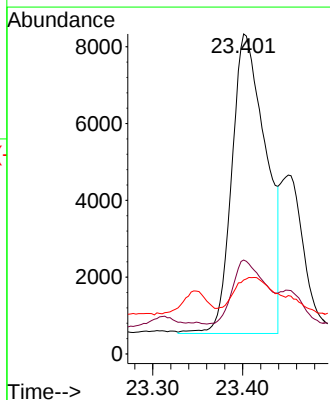
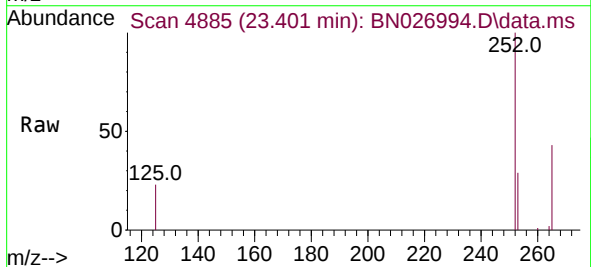
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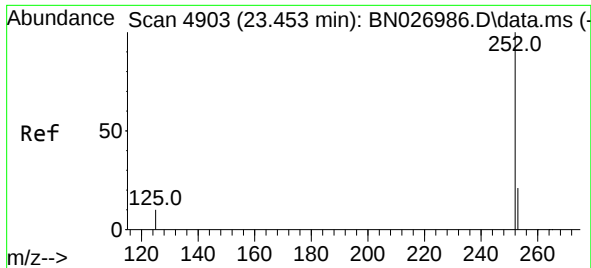
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#24
Benzo(b)fluoranthene
Concen: 0.256 ng/ul m
RT: 23.401 min Scan# 4885
Delta R.T. -0.006 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54

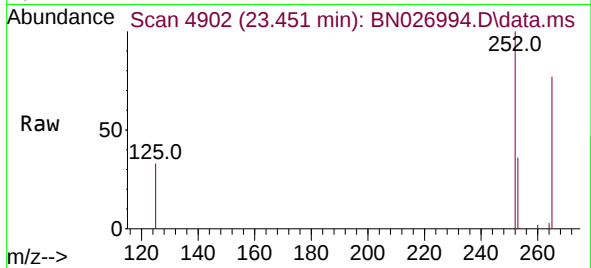
Tgt Ion:252 Resp: 20506
Ion Ratio Lower Upper
252 100
253 29.3 0.0 46.8
125 23.1 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.092 ng/ul m
RT: 23.451 min Scan# 4903
Delta R.T. -0.009 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54

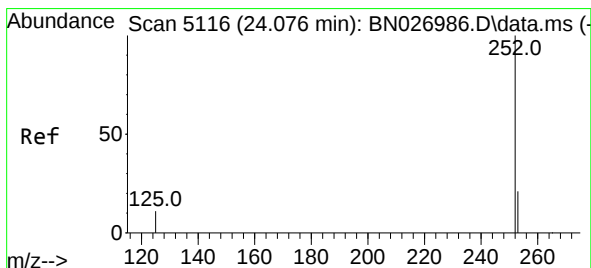
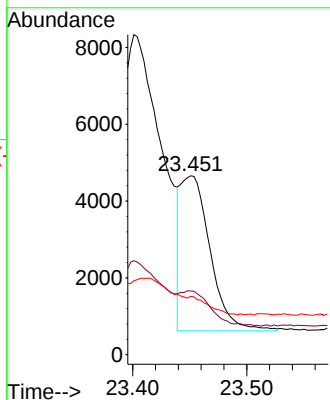
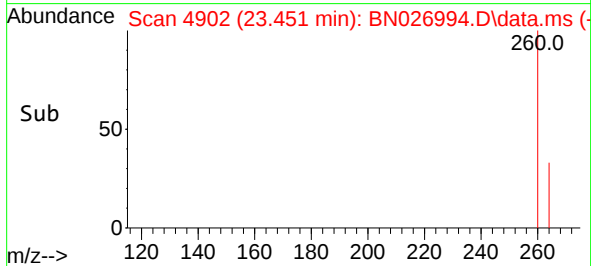
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A48H2DL



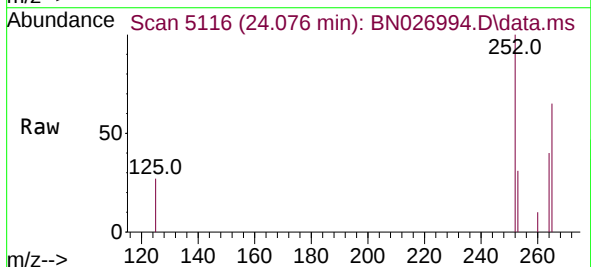
Tgt Ion:252 Resp: 7262
Ion Ratio Lower Upper
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253 35.6 18.2 27.4#
125 32.6 9.9 14.9#

Manual Integrations
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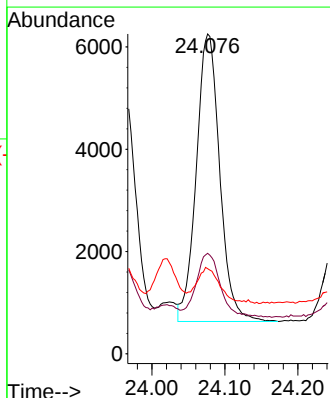
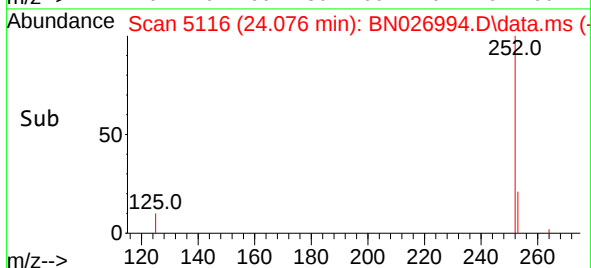
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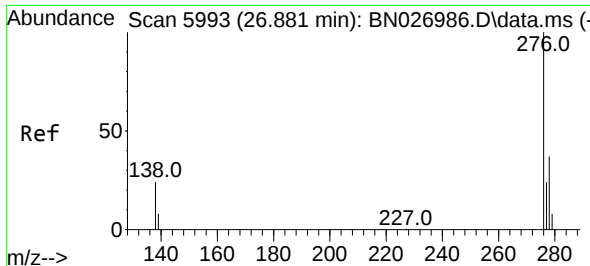


#26
Benzo(a)pyrene
Concen: 0.174 ng/ul
RT: 24.076 min Scan# 5116
Delta R.T. -0.009 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54



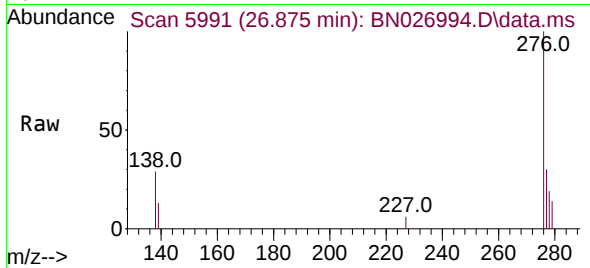
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Ion Ratio Lower Upper
252 100
253 31.4 19.0 28.6#
125 26.6 11.4 17.0#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng/ul
RT: 26.875 min Scan# 5993
Delta R.T. -0.010 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54

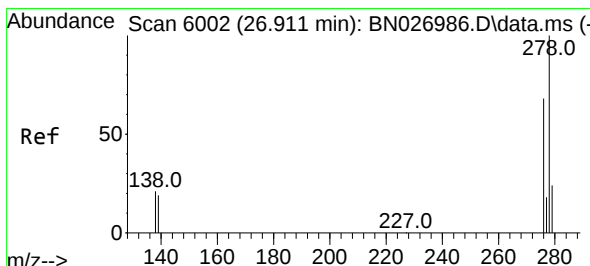
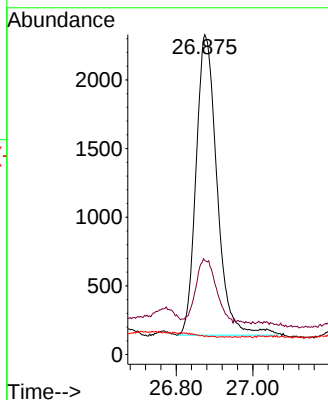
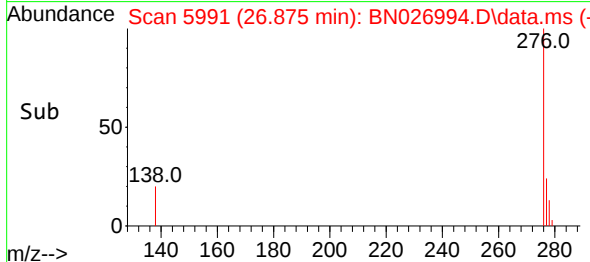
Instrument :
BNA_N
ClientSampleId :
A48H2DL



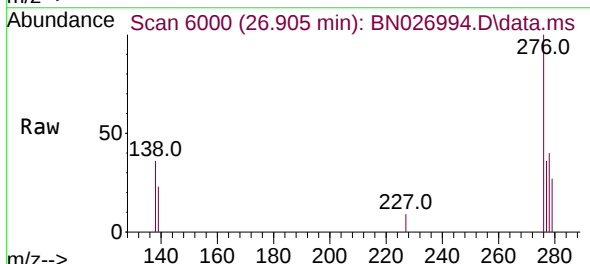
Tgt Ion: 276 Resp: 8290
Ion Ratio Lower Upper
276 100
138 20.6 21.6 32.4#
227 0.0 0.0 0.0

Manual Integrations
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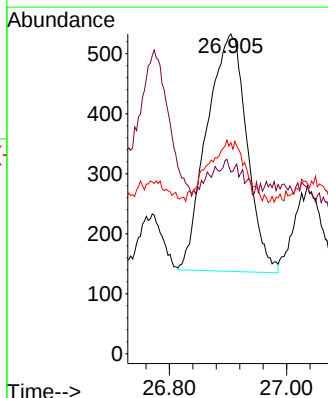
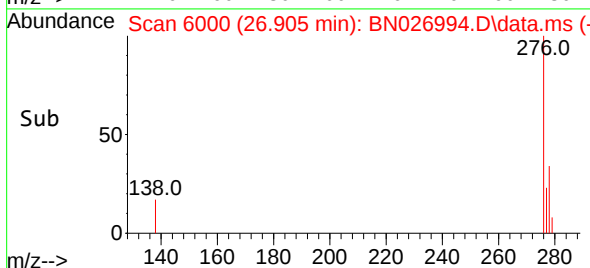
Reviewed By : Yogesh Patel 08/22/2023
Supervised By : mohammad ahmed 08/22/2023

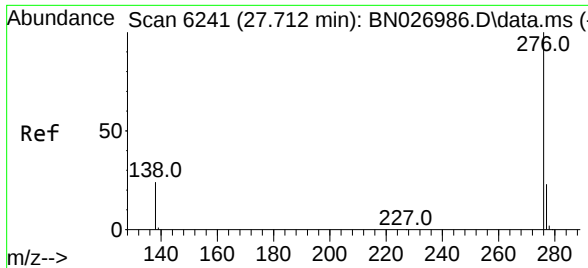


#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 26.905 min Scan# 6000
Delta R.T. -0.017 min
Lab File: BN026994.D
Acq: 21 Aug 2023 15:54



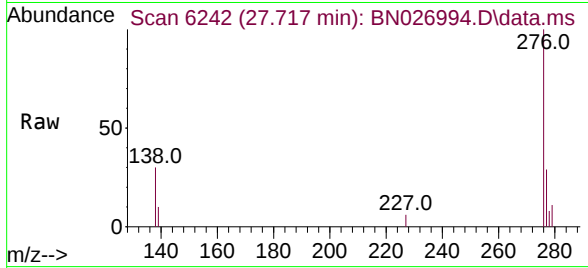
Tgt Ion: 278 Resp: 1880
Ion Ratio Lower Upper
278 100
139 56.8 15.7 23.5#
279 66.0 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.103 ng/ul
 RT: 27.717 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN026994.D
 Acq: 21 Aug 2023 15:54

Instrument :
 BNA_N
 ClientSampleId :
 A48H2DL



Tgt Ion:	276	Resp:	8068
Ion Ratio	Lower	Upper	
276	100		
138	30.3	19.3	28.9
277	29.0	19.8	29.8

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