

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026981.D
 Acq On : 19 Aug 2023 05:41
 Operator : MA/JU
 Sample : 03965-20DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 19 06:11:54 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	6887	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	21883	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	13971	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	31169	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	25608	0.400	ng/ul	0.00
23) Perylene-d12	24.187	264	22882	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5229	0.640	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1320	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	3608	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.977	128	1493	0.024	ng/ul#	80
7) 2-Methylnaphthalene	12.572	142	827	0.022	ng/ul	98
10) Acenaphthylene	14.458	152	2910	0.037	ng/ul#	93
15) Phenanthrene	17.515	178	26581	0.260	ng/ul	99
16) Anthracene	17.608	178	7465	0.081	ng/ul	96
19) Fluoranthene	19.520	202	65910	0.620	ng/ul	100
20) Pyrene	19.882	202	58423m	0.515	ng/ul	
21) Benzo(a)anthracene	21.624	228	32193	0.316	ng/ul	98
22) Chrysene	21.685	228	26602	0.265	ng/ul	97
24) Benzo(b)fluoranthene	23.395	252	34128m	0.394	ng/ul	
25) Benzo(k)fluoranthene	23.448	252	13156m	0.154	ng/ul	
26) Benzo(a)pyrene	24.073	252	23030	0.295	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.871	276	13258	0.130	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.898	278	3115	0.038	ng/ul#	48
29) Benzo(g,h,i)perylene	27.710	276	10983	0.129	ng/ul#	92

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

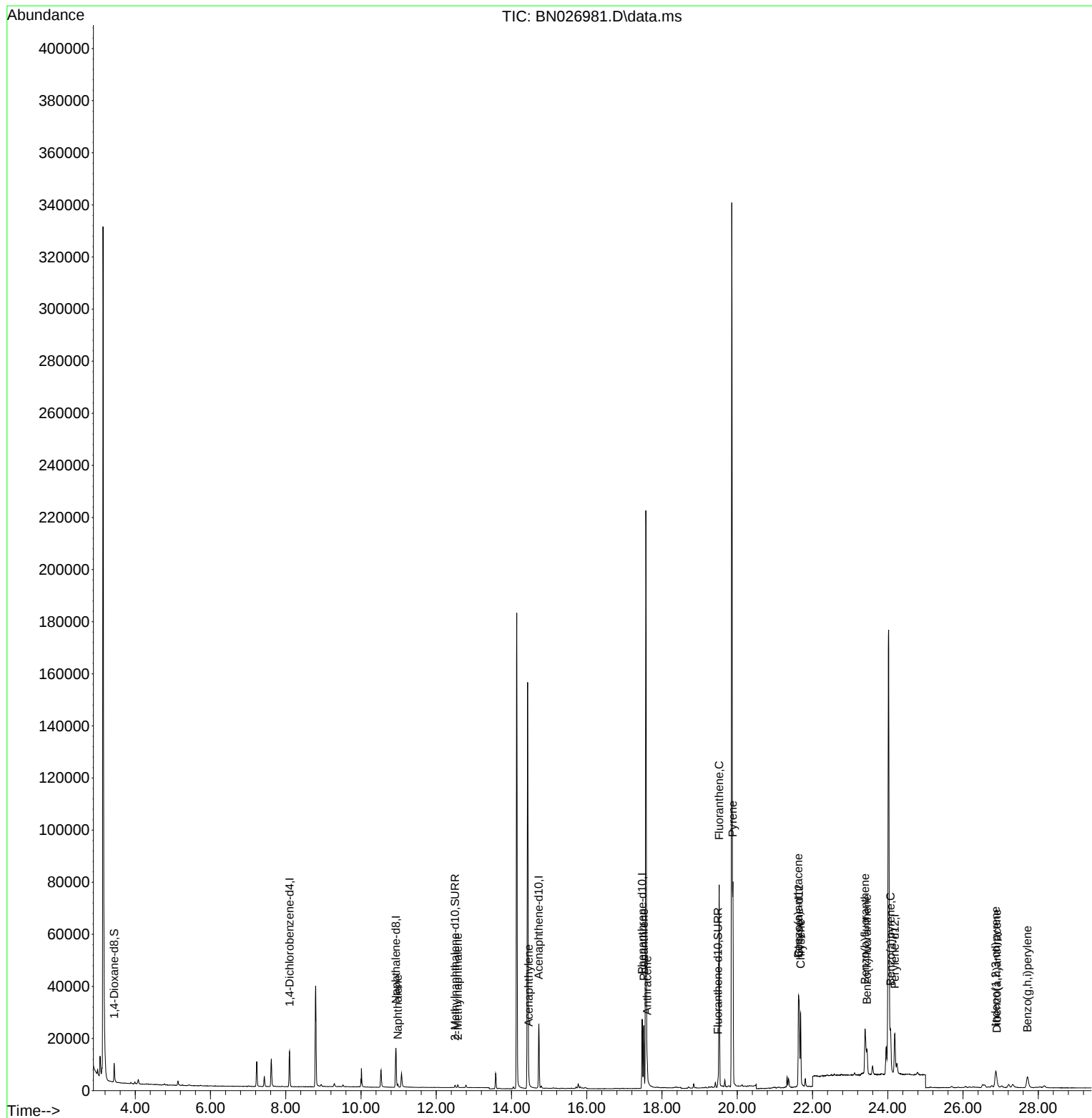
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026981.D
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ALS Vial : 33 Sample Multiplier: 1

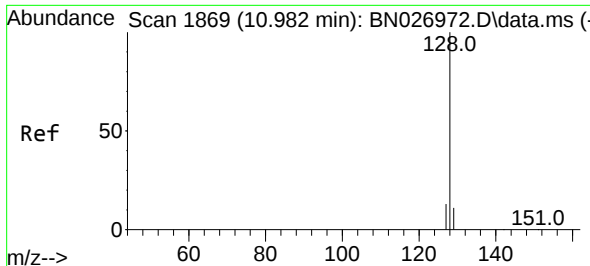
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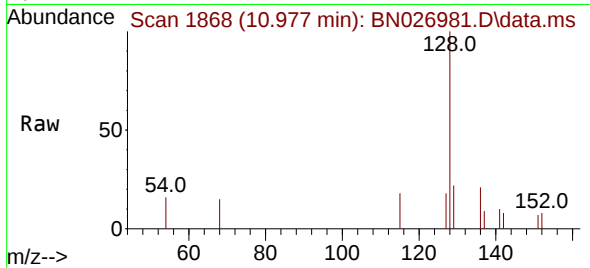
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN026981.D
Acq: 19 Aug 2023 05:41

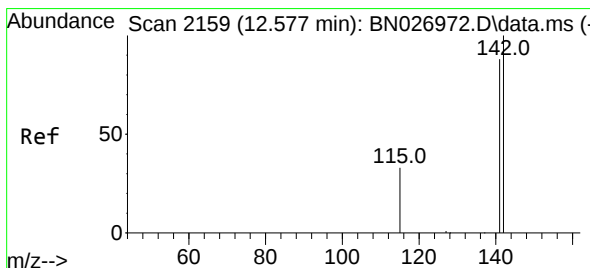
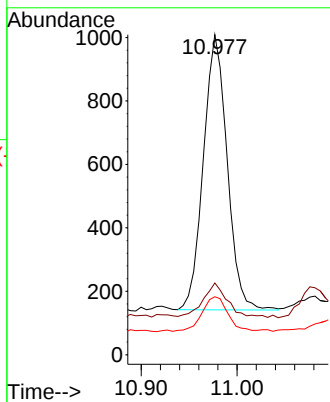
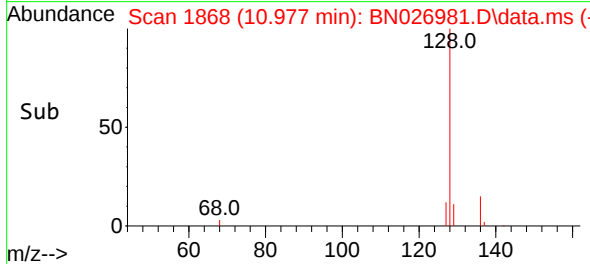
Instrument :
BNA_N
ClientSampleId :
A48L5DL



Tgt Ion:128 Resp: 149
Ion Ratio Lower Upper
128 100
129 22.4 9.2 13.8
127 18.1 10.5 15.7

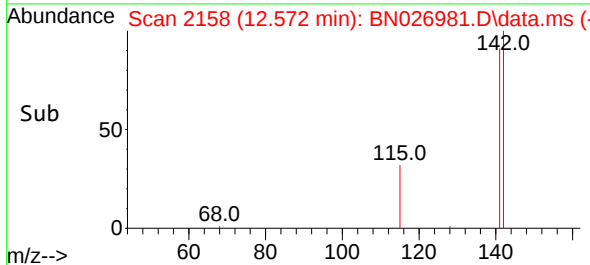
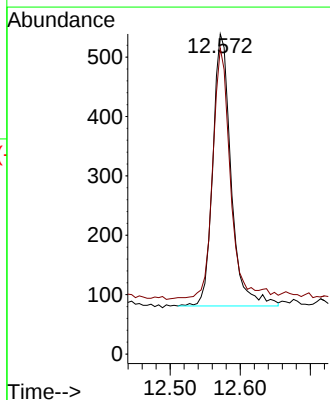
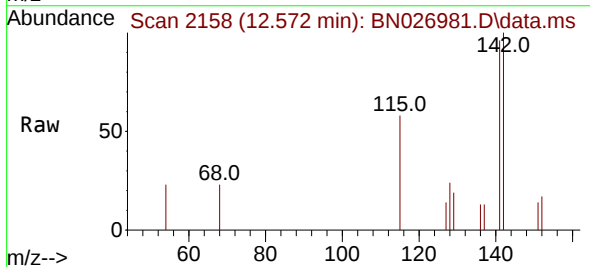
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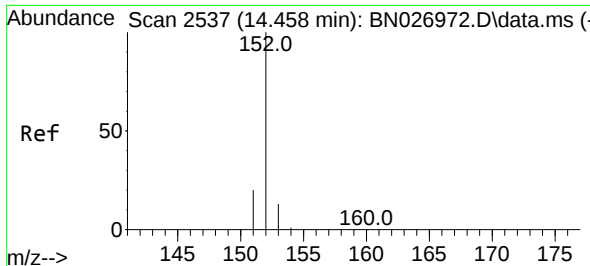
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BN026981.D
Acq: 19 Aug 2023 05:41

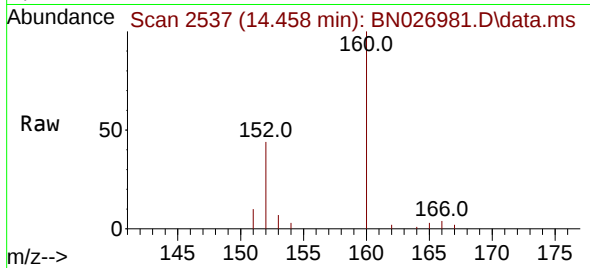
Tgt Ion:142 Resp: 827
Ion Ratio Lower Upper
142 100
141 90.2 70.9 106.3





#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN026981.D
Acq: 19 Aug 2023 05:41

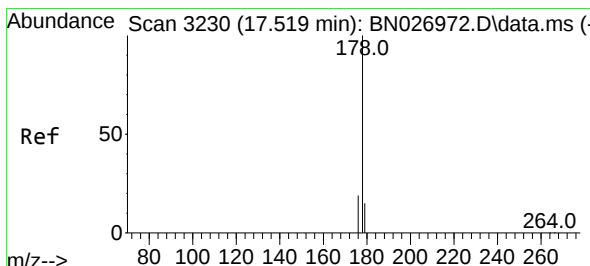
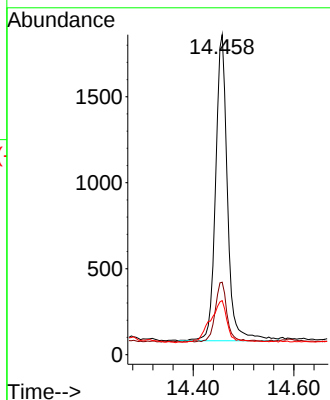
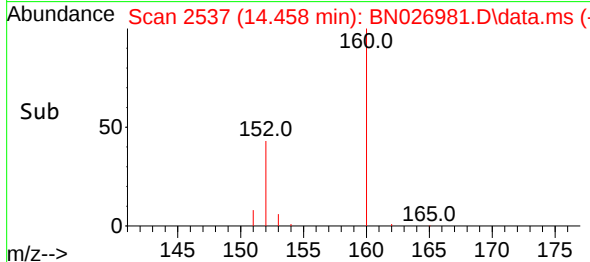
Instrument :
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ClientSampleId :
A48L5DL



Tgt Ion:152 Resp: 2910
Ion Ratio Lower Upper
152 100
151 22.6 15.9 23.9
153 16.9 11.0 16.6

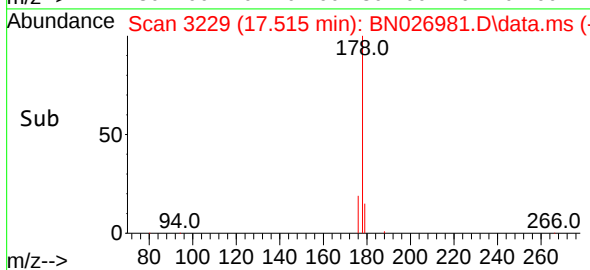
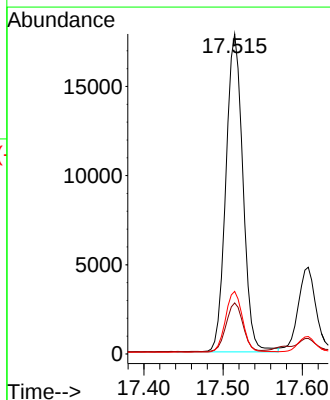
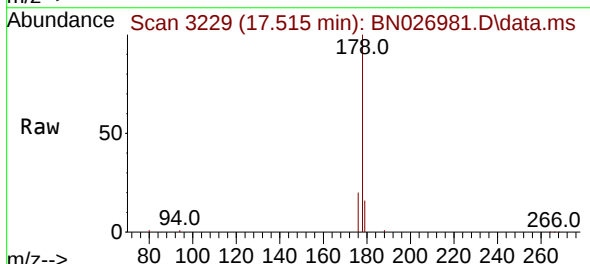
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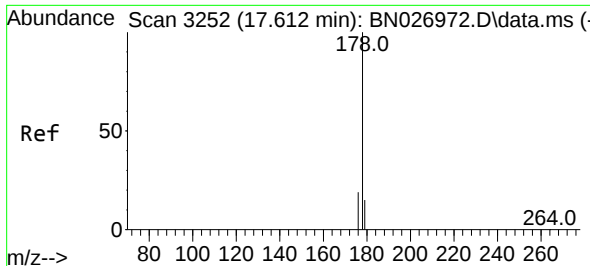
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#15
Phenanthrene
Concen: 0.260 ng/ul
RT: 17.515 min Scan# 3229
Delta R.T. -0.004 min
Lab File: BN026981.D
Acq: 19 Aug 2023 05:41

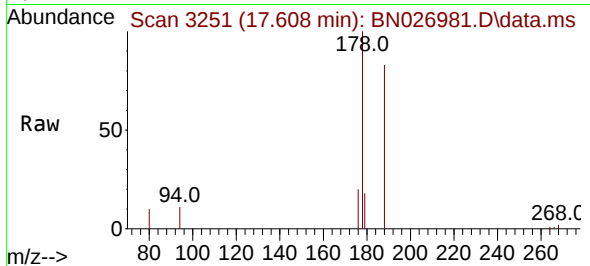
Tgt Ion:178 Resp: 26581
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.6 15.4 23.2





#16
 Anthracene
 Concen: 0.081 ng/ul
 RT: 17.608 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN026981.D
 Acq: 19 Aug 2023 05:41

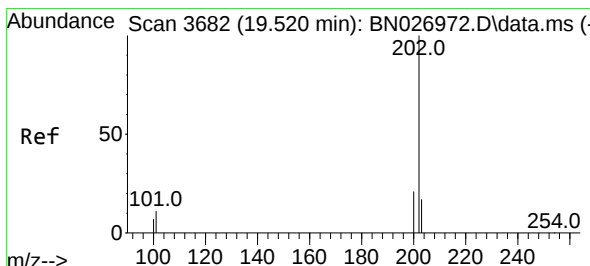
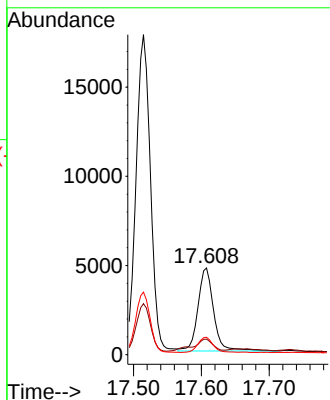
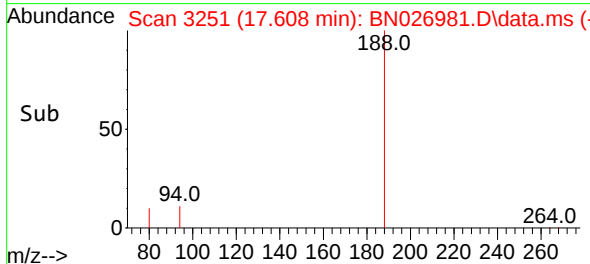
Instrument :
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 ClientSampleId :
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Tgt Ion:178 Resp: 746
 Ion Ratio Lower Upper
 178 100
 179 17.9 12.6 19.0
 176 20.2 15.0 22.6

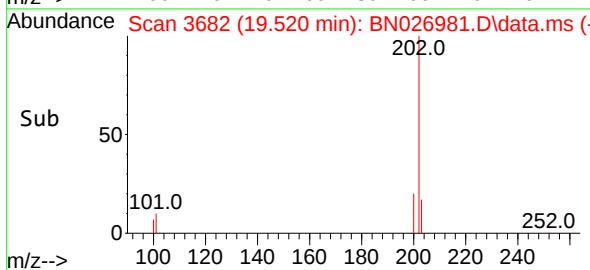
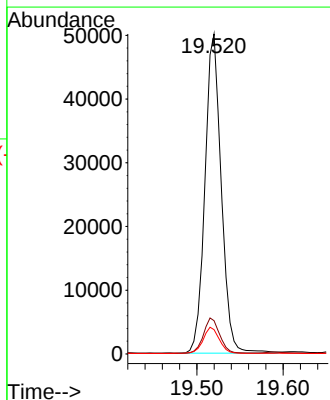
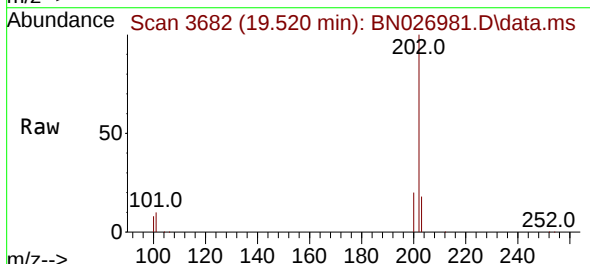
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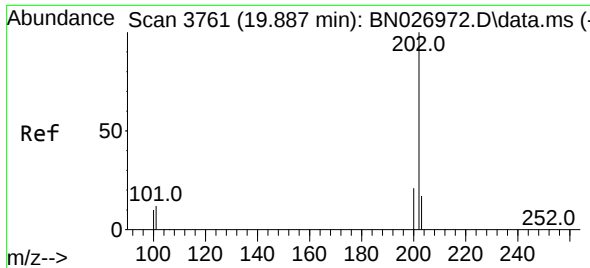
Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



#19
 Fluoranthene
 Concen: 0.620 ng/ul
 RT: 19.520 min Scan# 3682
 Delta R.T. -0.005 min
 Lab File: BN026981.D
 Acq: 19 Aug 2023 05:41

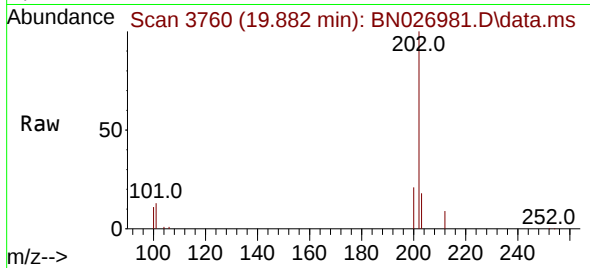
Tgt Ion:202 Resp: 65910
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.3 12.5
 100 7.6 6.2 9.2





#20
Pyrene
Concen: 0.515 ng/ul m
RT: 19.882 min Scan# 3761
Delta R.T. -0.005 min
Lab File: BN026981.D
Acq: 19 Aug 2023 05:41

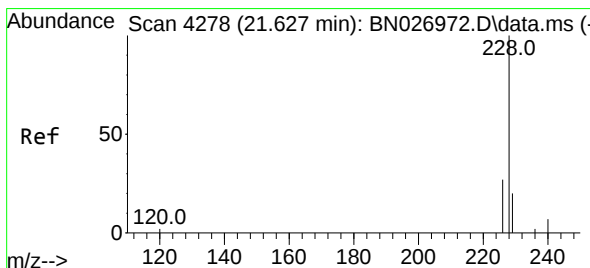
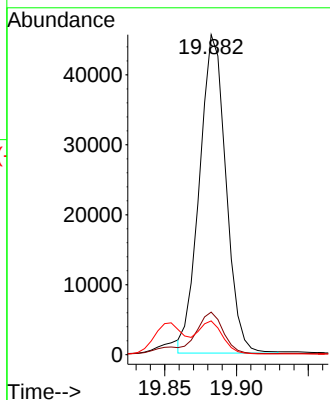
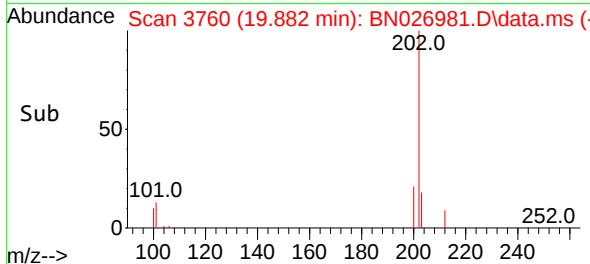
Instrument :
BNA_N
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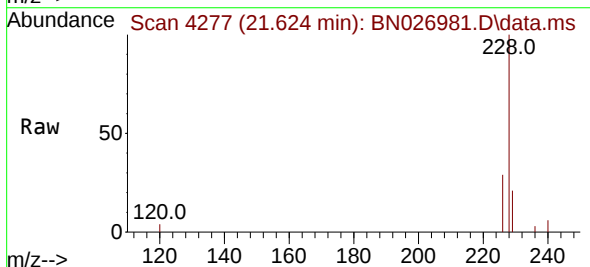
Tgt Ion:202 Resp: 5842
Ion Ratio Lower Upper
202 100
101 13.3 10.7 16.1
100 10.6 8.5 12.7

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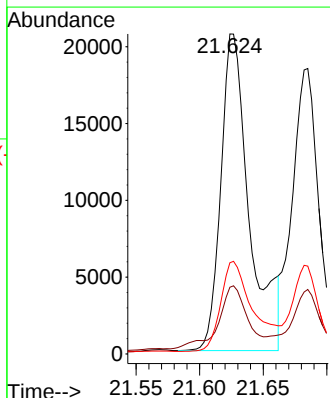
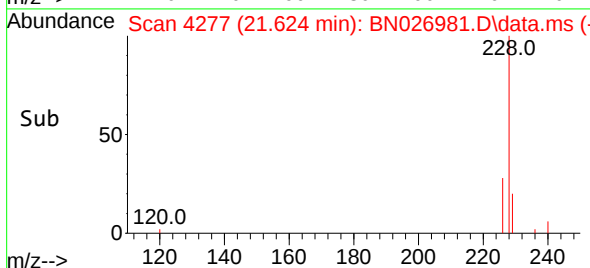
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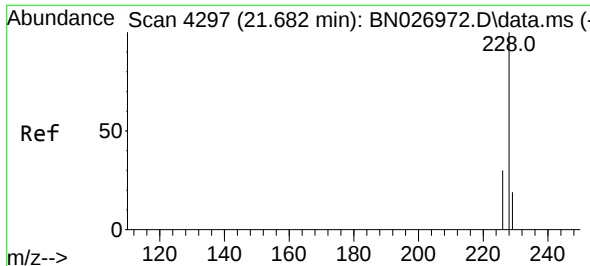


#21
Benzo(a)anthracene
Concen: 0.316 ng/ul
RT: 21.624 min Scan# 4277
Delta R.T. -0.009 min
Lab File: BN026981.D
Acq: 19 Aug 2023 05:41



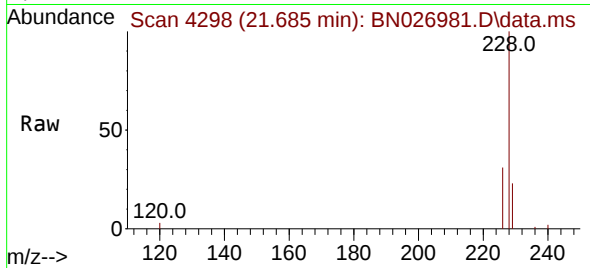
Tgt Ion:228 Resp: 32193
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.5 22.2 33.2





#22
Chrysene
Concen: 0.265 ng/ul
RT: 21.685 min Scan# 4297
Delta R.T. -0.006 min
Lab File: BN026981.D
Acq: 19 Aug 2023 05:41

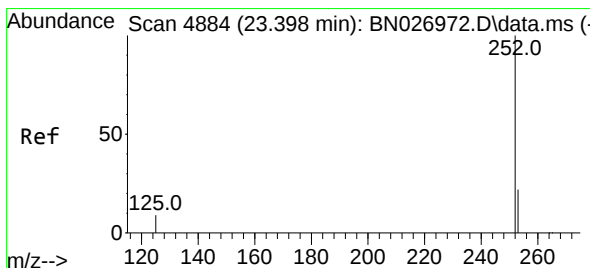
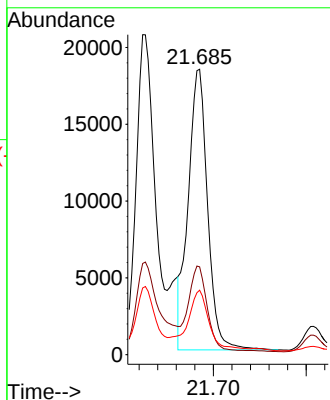
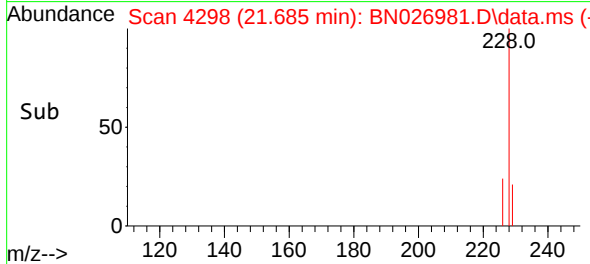
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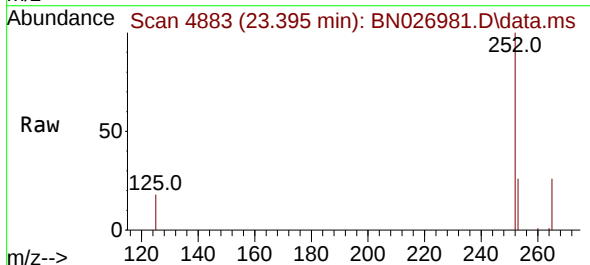
Tgt Ion:228 Resp: 2660
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 22.6 15.8 23.6

Manual Integrations
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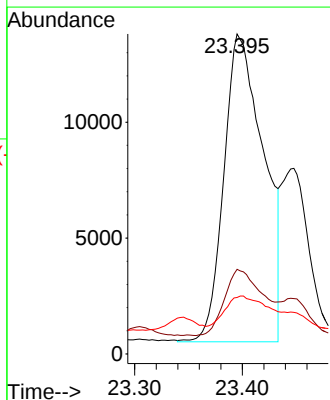
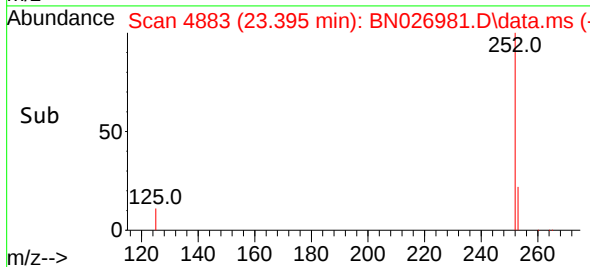
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

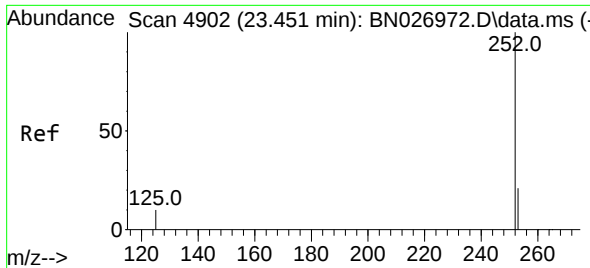


#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul m
RT: 23.395 min Scan# 4883
Delta R.T. -0.012 min
Lab File: BN026981.D
Acq: 19 Aug 2023 05:41



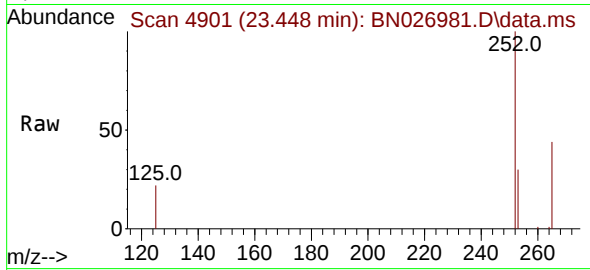
Tgt Ion:252 Resp: 34128
Ion Ratio Lower Upper
252 100
253 26.4 0.0 46.8
125 17.7 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.154 ng/ul m
RT: 23.448 min Scan# 4902
Delta R.T. -0.012 min
Lab File: BN026981.D
Acq: 19 Aug 2023 05:41

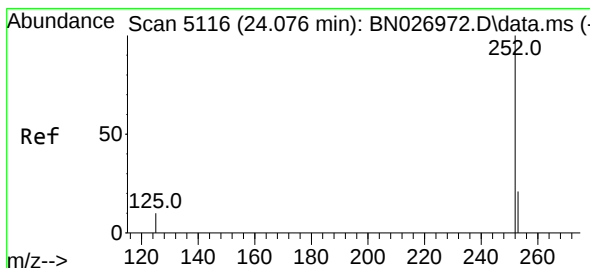
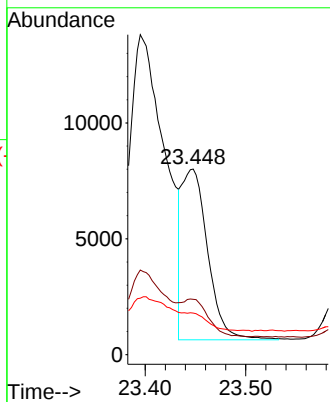
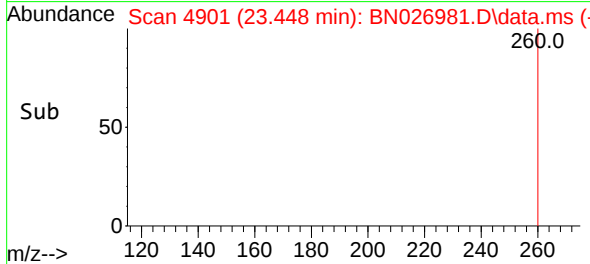
Instrument :
BNA_N
ClientSampleId :
A48L5DL



Tgt Ion:252 Resp: 13150
Ion Ratio Lower Upper
252 100
253 29.8 18.2 27.4
125 22.4 9.9 14.9

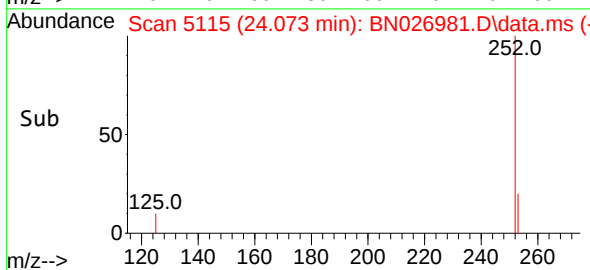
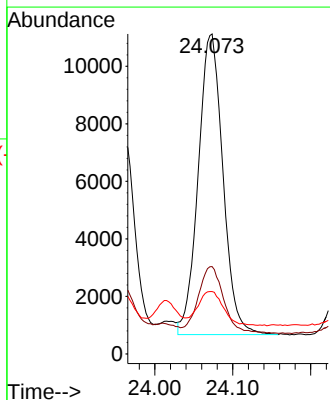
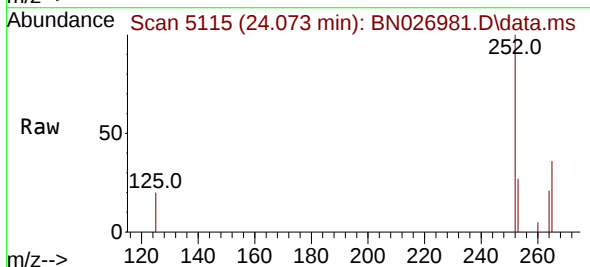
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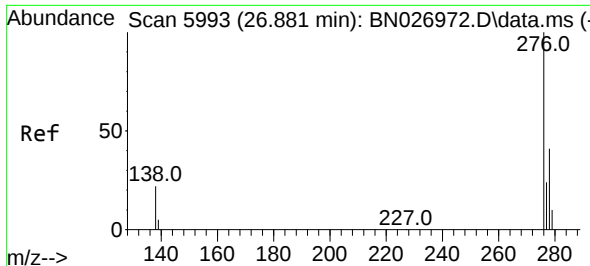
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#26
Benzo(a)pyrene
Concen: 0.295 ng/ul
RT: 24.073 min Scan# 5115
Delta R.T. -0.012 min
Lab File: BN026981.D
Acq: 19 Aug 2023 05:41

Tgt Ion:252 Resp: 23030
Ion Ratio Lower Upper
252 100
253 27.3 19.0 28.6
125 19.5 11.4 17.0





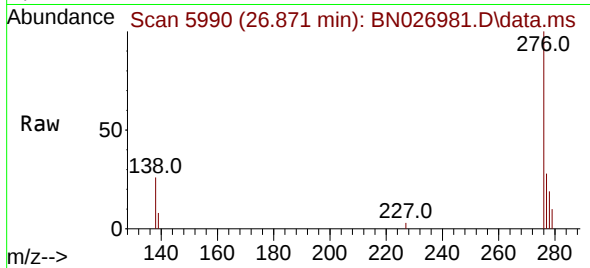
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.130 ng/ul
 RT: 26.871 min Scan# 5993
 Delta R.T. -0.013 min
 Lab File: BN026981.D
 Acq: 19 Aug 2023 05:41

Instrument :

BNA_N

ClientSampleId :

A48L5DL

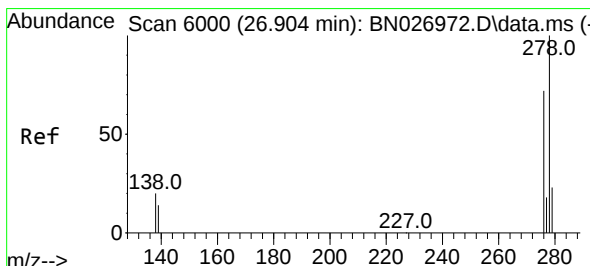
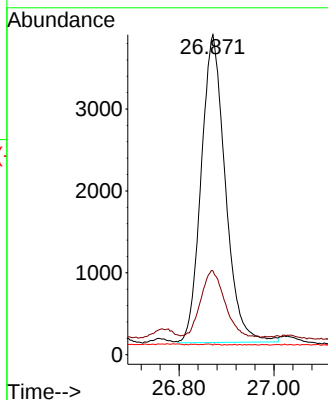
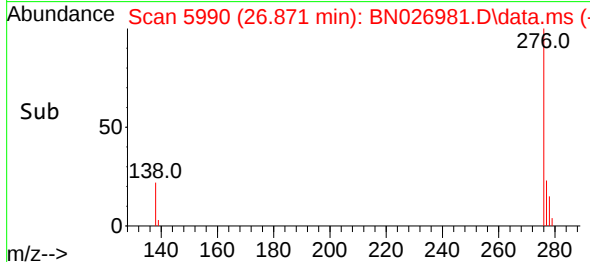


Tgt Ion:276 Resp: 13258
 Ion Ratio Lower Upper
 276 100
 138 21.9 21.6 32.4
 227 0.1 0.0 0.0

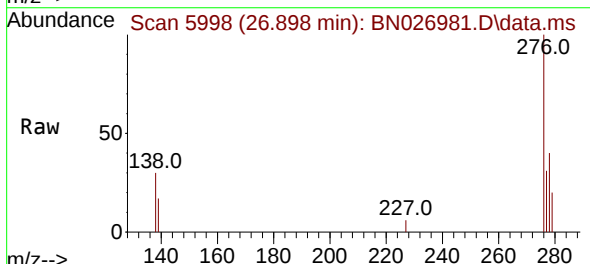
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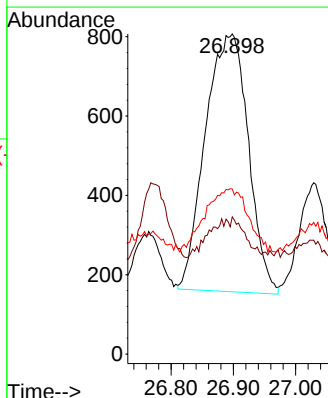
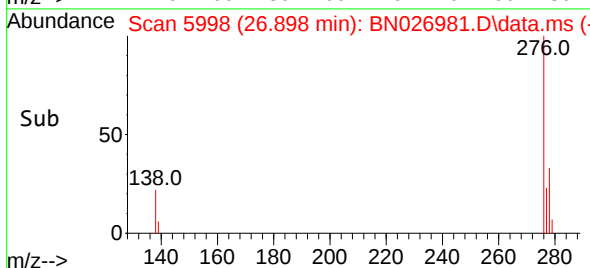
Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

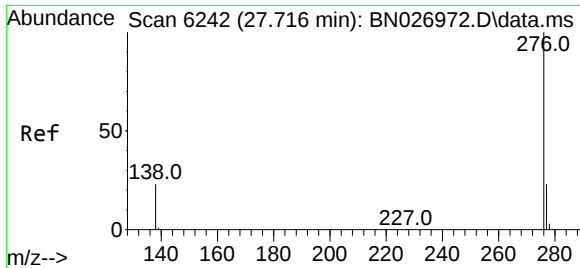


#28
 Dibenzo(a,h)anthracene
 Concen: 0.038 ng/ul
 RT: 26.898 min Scan# 5998
 Delta R.T. -0.024 min
 Lab File: BN026981.D
 Acq: 19 Aug 2023 05:41



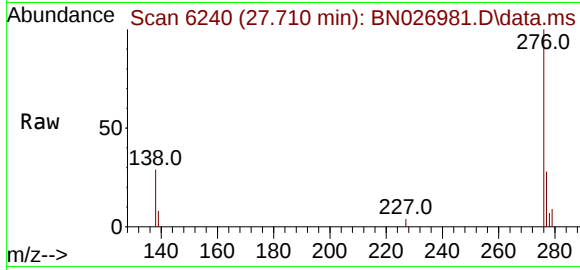
Tgt Ion:278 Resp: 3115
 Ion Ratio Lower Upper
 278 100
 139 42.9 15.7 23.5#
 279 51.5 20.2 30.4#





#29
Benzo(g,h,i)perylene
Concen: 0.129 ng/ul
RT: 27.710 min Scan# 61
Delta R.T. -0.013 min
Lab File: BN026981.D
Acq: 19 Aug 2023 05:41

Instrument :
BNA_N
ClientSampleId :
A48L5DL



Tgt Ion:276 Resp: 1098
Ion Ratio Lower Upper
276 100
138 29.0 19.3 28.9
277 27.9 19.8 29.8

Manual Integrations
APPROVED

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