

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027795.D
 Acq On : 21 Sep 2023 20:05
 Operator : MA/JU
 Sample : 04330-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 22 04:01:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5360	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	18248	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	10940	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	24777	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	22785	0.400	ng/ul	# 0.00
23) Perylene-d12	24.065	264	22123	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	14156	2.097	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	7636	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	20296	0.292	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.878	128	5634	0.108	ng/ul#	94
7) 2-Methylnaphthalene	12.478	142	1315	0.040	ng/ul	96
8) 1-Methylnaphthalene	12.698	142	832	0.024	ng/ul	96
15) Phenanthrene	17.435	178	20279	0.260	ng/ul	99
16) Anthracene	17.527	178	2231	0.034	ng/ul#	81
19) Fluoranthene	19.446	202	29232	0.317	ng/ul	100
20) Pyrene	19.813	202	30894m	0.325	ng/ul	
21) Benzo(a)anthracene	21.554	228	18996	0.215	ng/ul#	90
22) Chrysene	21.609	228	34019	0.373	ng/ul#	94
24) Benzo(b)fluoranthene	23.293	252	44167m	0.448	ng/ul	
25) Benzo(k)fluoranthene	23.340	252	14772m	0.155	ng/ul	
26) Benzo(a)pyrene	23.954	252	19668	0.248	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.683	276	20977	0.206	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.700	278	6264	0.077	ng/ul#	1
29) Benzo(g,h,i)perylene	27.508	276	24760	0.287	ng/ul	91

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

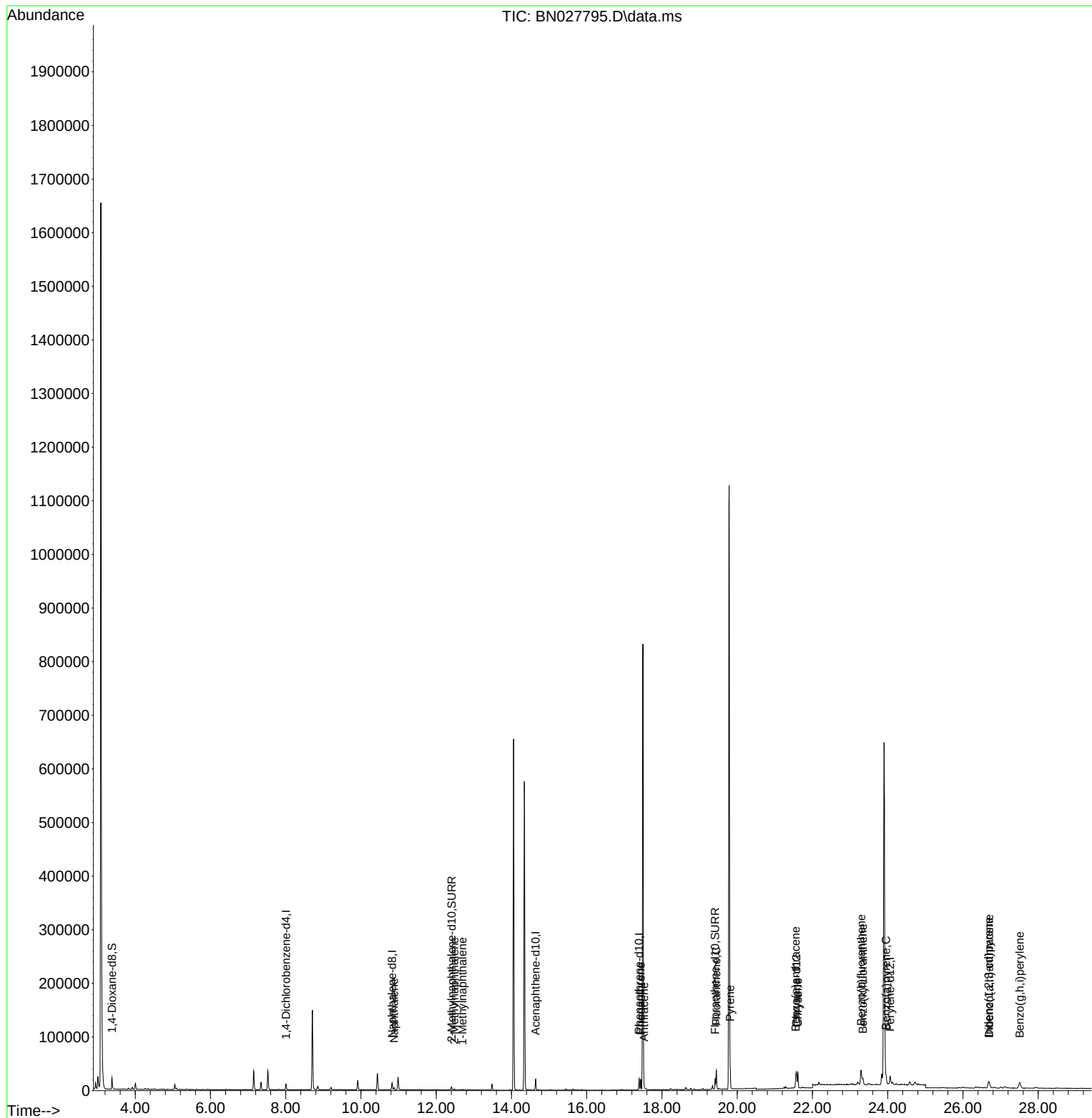
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027795.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

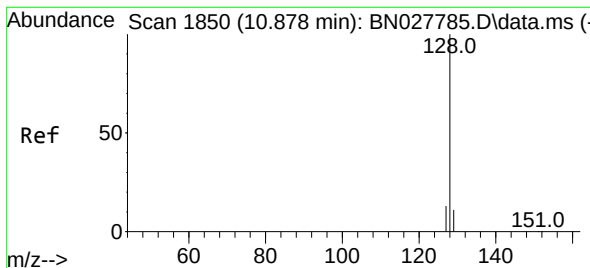
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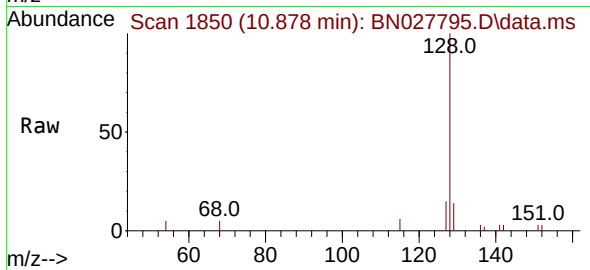
Quant Time: Sep 22 04:01:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
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#5
Naphthalene
Concen: 0.108 ng/ul
RT: 10.878 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN027795.D
Acq: 21 Sep 2023 20:05

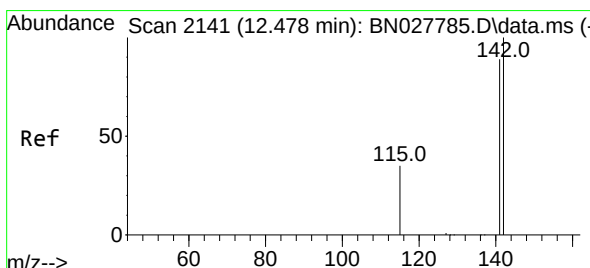
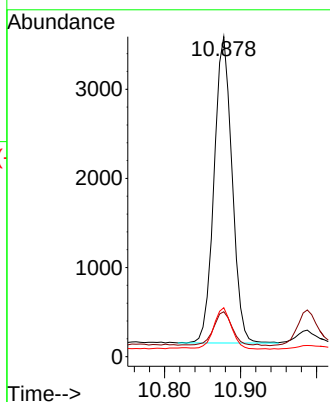
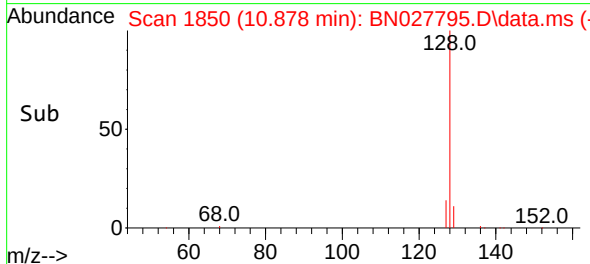
Instrument :
BNA_N
ClientSampleId :
EZY5



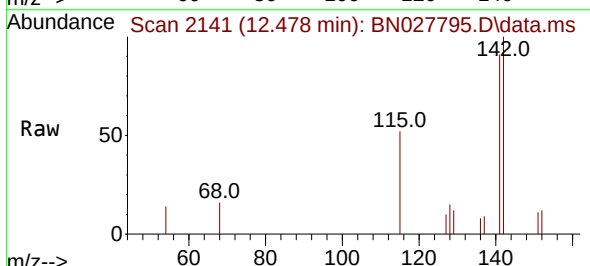
Tgt Ion:128 Resp: 5634
Ion Ratio Lower Upper
128 100
129 14.1 9.3 13.9
127 15.3 10.7 16.1

Manual Integrations
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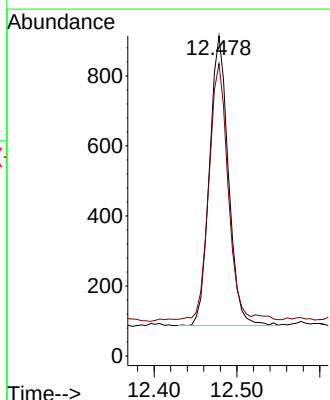
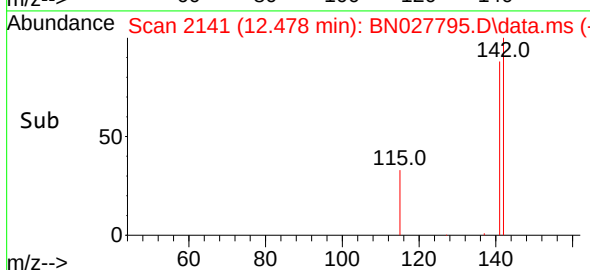
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

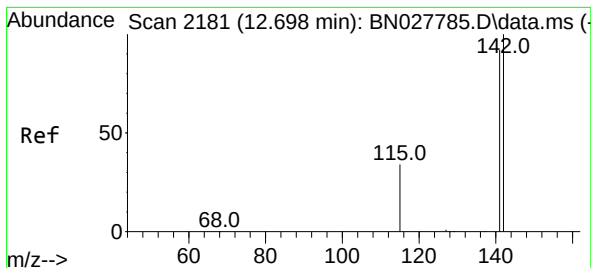


#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027795.D
Acq: 21 Sep 2023 20:05



Tgt Ion:142 Resp: 1315
Ion Ratio Lower Upper
142 100
141 92.6 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.698 min Scan# 2181

Delta R.T. 0.000 min

Lab File: BN027795.D

Acq: 21 Sep 2023 20:05

Instrument :

BNA_N

ClientSampleId :

EZYL5

Tgt Ion:142 Resp: 832

Ion Ratio Lower Upper

142 100

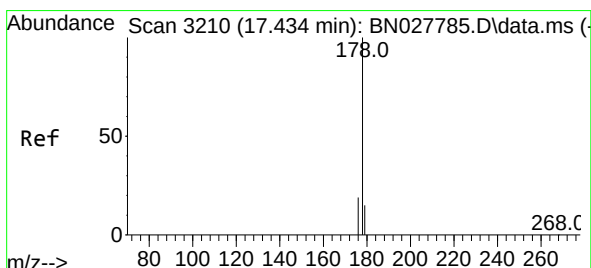
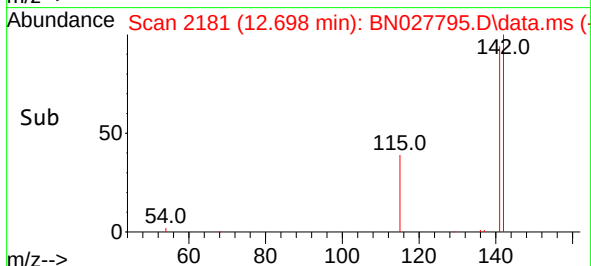
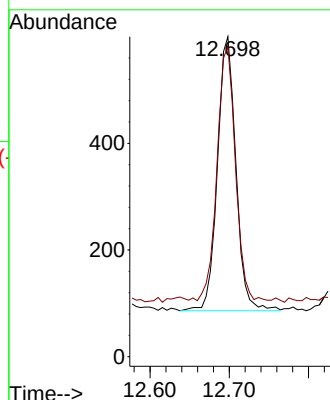
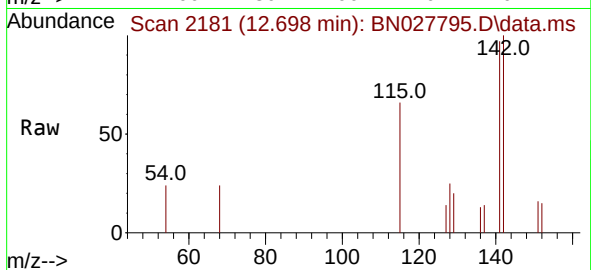
141 94.6 72.8 109.2

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#15

Phenanthrene

Concen: 0.260 ng/ul

RT: 17.435 min Scan# 3210

Delta R.T. 0.000 min

Lab File: BN027795.D

Acq: 21 Sep 2023 20:05

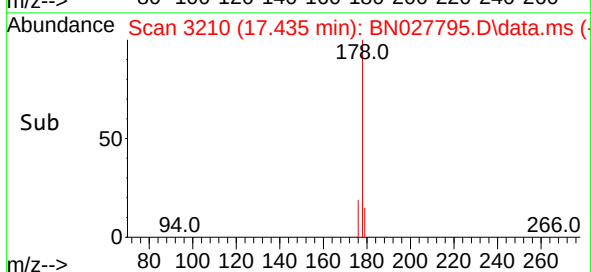
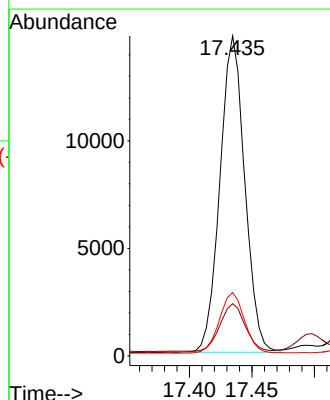
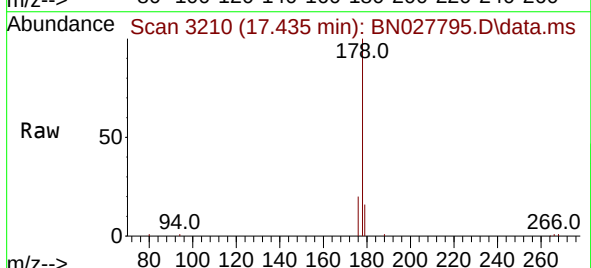
Tgt Ion:178 Resp: 20279

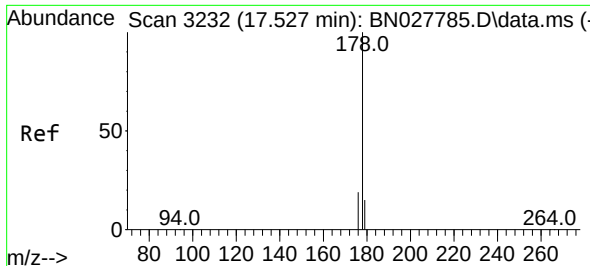
Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

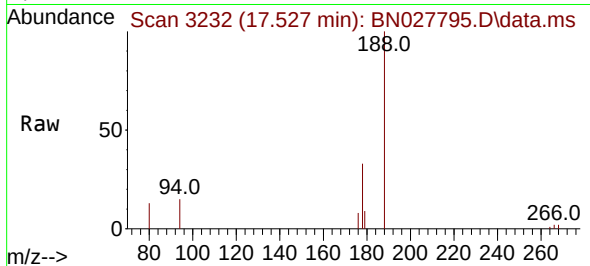
176 19.8 16.0 24.0





#16
 Anthracene
 Concen: 0.034 ng/ul
 RT: 17.527 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN027795.D
 Acq: 21 Sep 2023 20:05

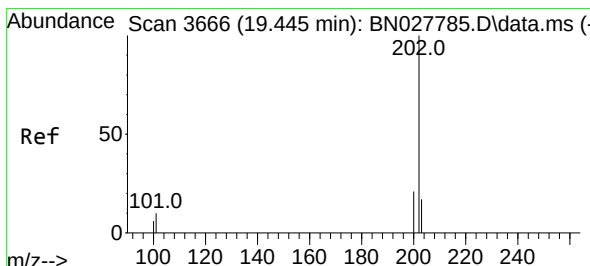
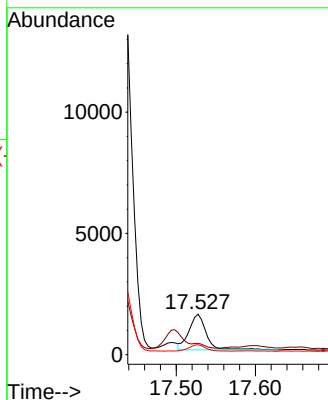
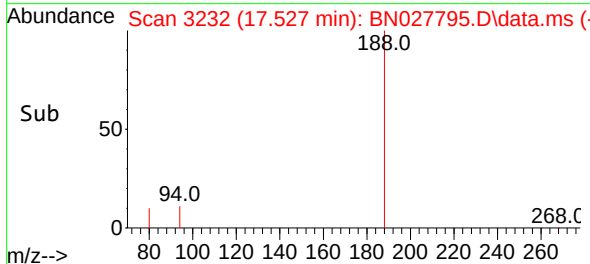
Instrument :
 BNA_N
 ClientSampleId :
 EZYL5



Tgt Ion:178 Resp: 223
 Ion Ratio Lower Upper
 178 100
 179 28.0 12.6 19.0
 176 24.5 15.5 23.3

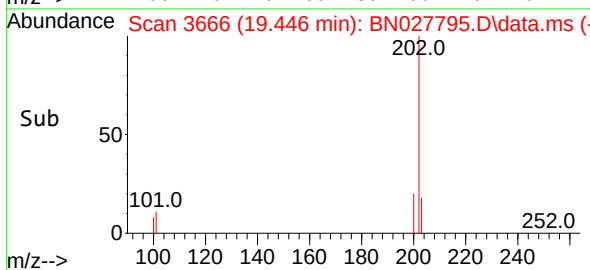
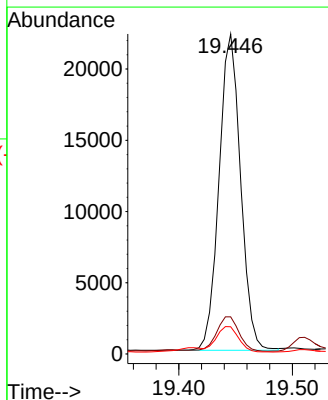
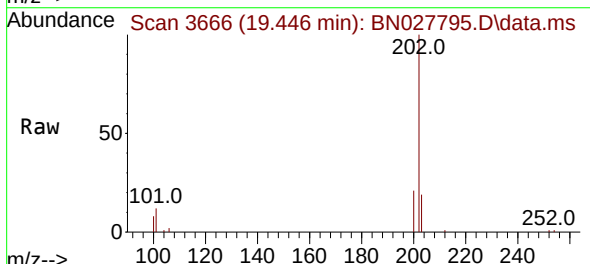
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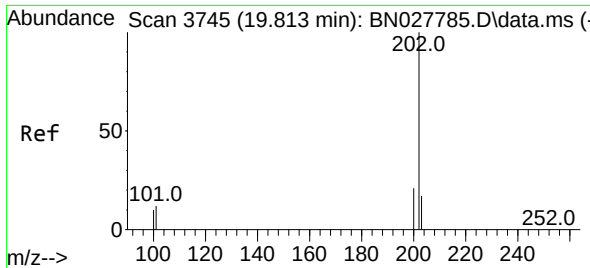
Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023



#19
 Fluoranthene
 Concen: 0.317 ng/ul
 RT: 19.446 min Scan# 3666
 Delta R.T. 0.000 min
 Lab File: BN027795.D
 Acq: 21 Sep 2023 20:05

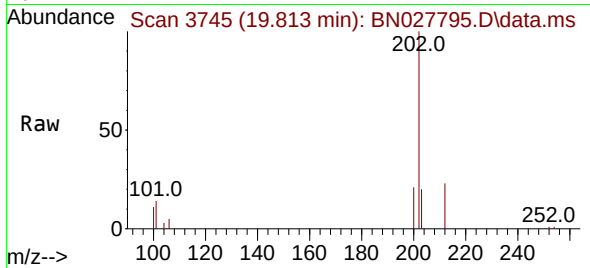
Tgt Ion:202 Resp: 29232
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.3 13.9
 100 8.5 7.0 10.4





#20
Pyrene
Concen: 0.325 ng/ul m
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027795.D
Acq: 21 Sep 2023 20:05

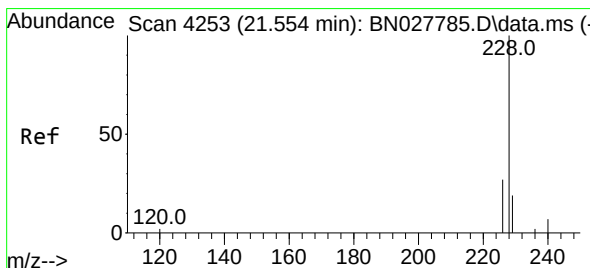
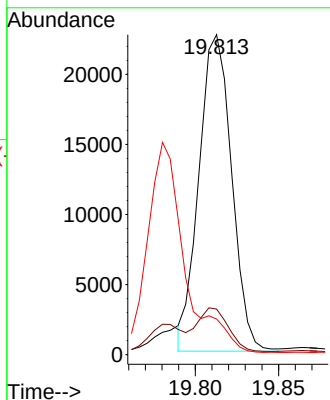
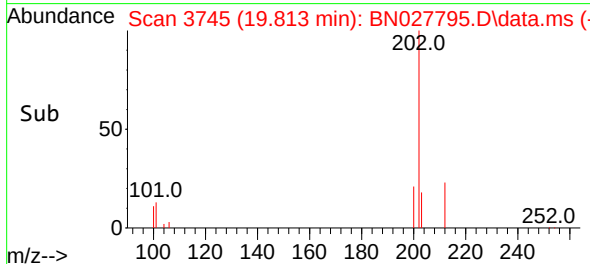
Instrument :
BNA_N
ClientSampleId :
EZY5



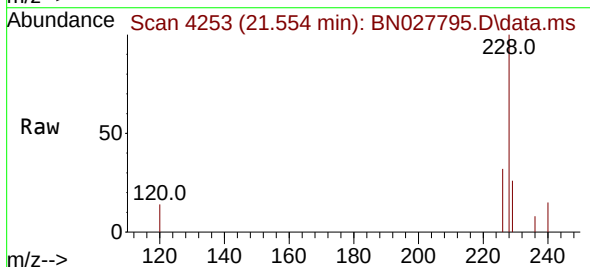
Tgt Ion:202 Resp: 30894
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 11.2 9.1 13.7

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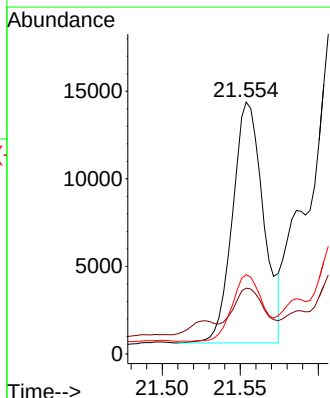
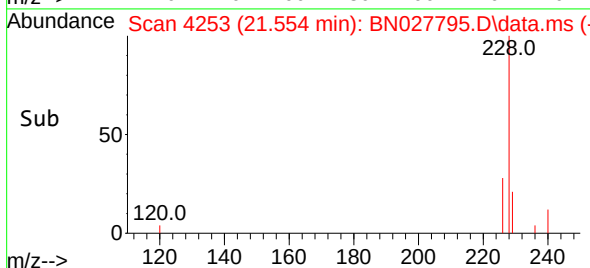
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

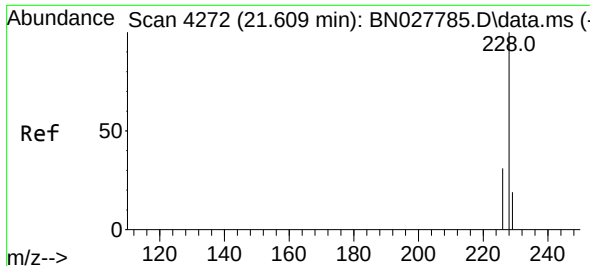


#21
Benzo(a)anthracene
Concen: 0.215 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027795.D
Acq: 21 Sep 2023 20:05



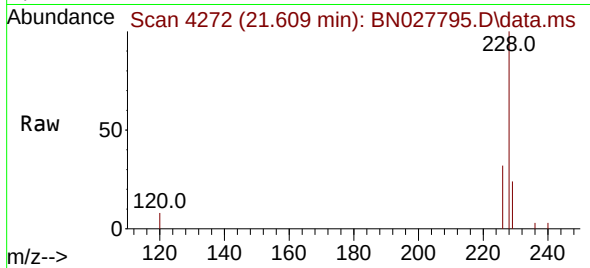
Tgt Ion:228 Resp: 18996
Ion Ratio Lower Upper
228 100
229 26.1 15.8 23.8#
226 31.5 22.0 33.0





#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN027795.D
Acq: 21 Sep 2023 20:05

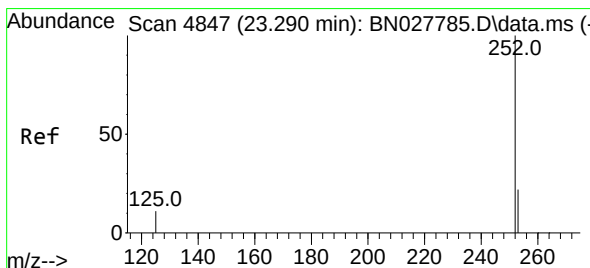
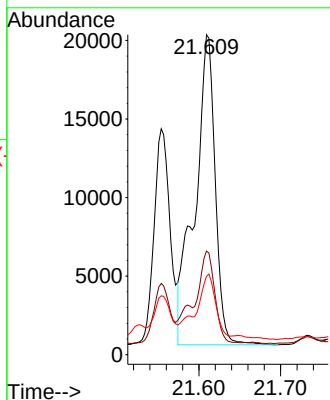
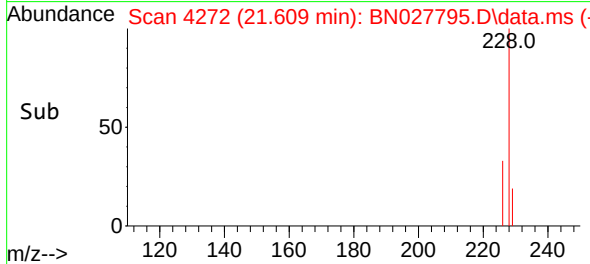
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BNA_N
ClientSampleId :
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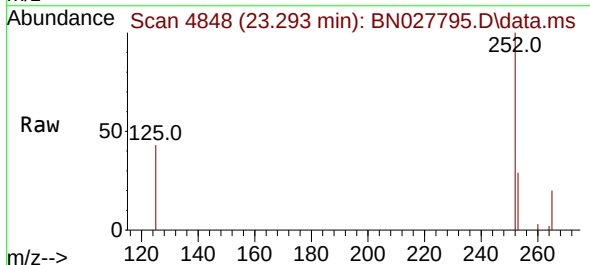
Tgt Ion:228 Resp: 34019
Ion Ratio Lower Upper
228 100
226 32.4 24.5 36.7
229 24.5 16.0 24.0

Manual Integrations
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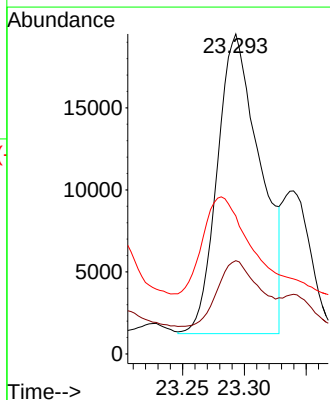
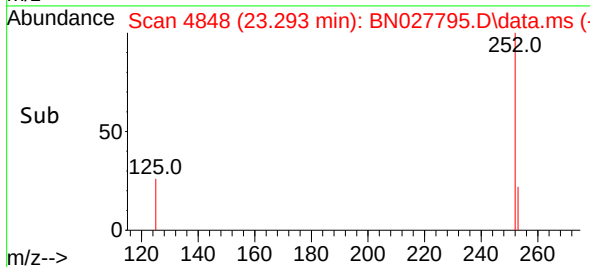
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

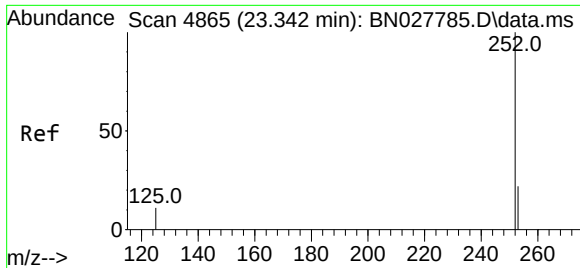


#24
Benzo(b)fluoranthene
Concen: 0.448 ng/ul m
RT: 23.293 min Scan# 4848
Delta R.T. 0.003 min
Lab File: BN027795.D
Acq: 21 Sep 2023 20:05



Tgt Ion:252 Resp: 44167
Ion Ratio Lower Upper
252 100
253 29.1 0.0 50.2
125 43.1 0.0 31.4





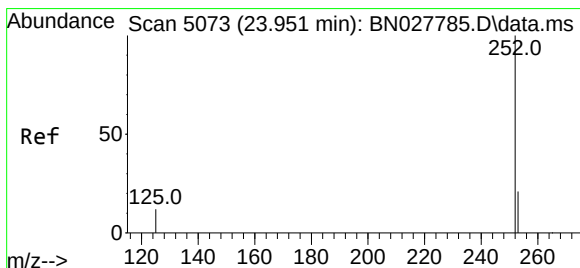
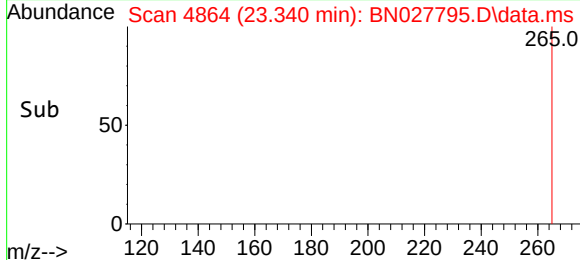
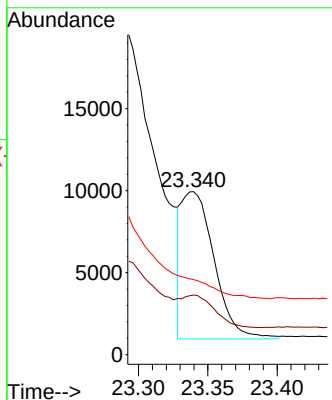
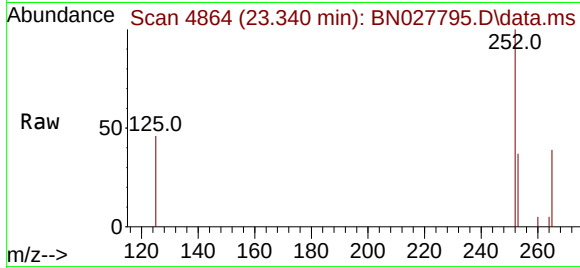
#25
Benzo(k)fluoranthene
Concen: 0.155 ng/ul m
RT: 23.340 min Scan# 4865
Delta R.T. -0.003 min
Lab File: BN027795.D
Acq: 21 Sep 2023 20:05

Instrument :
BNA_N
ClientSampleId :
EZYL5

Tgt Ion:	252	Resp:	14772
Ion Ratio	Lower	Upper	
252	100		
253	36.6	19.9	29.9#
125	46.1	12.6	19.0#

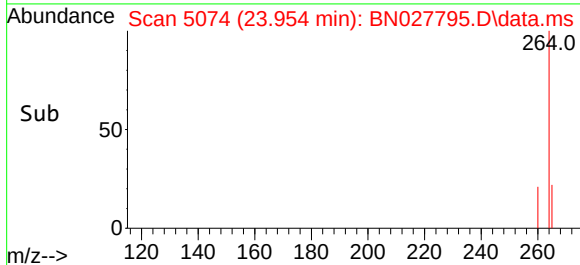
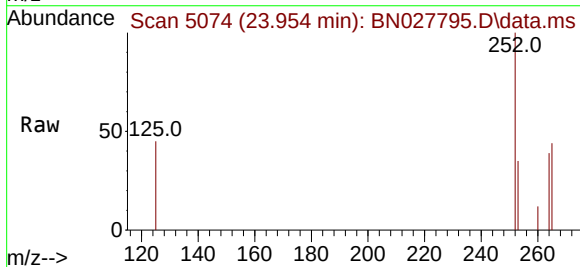
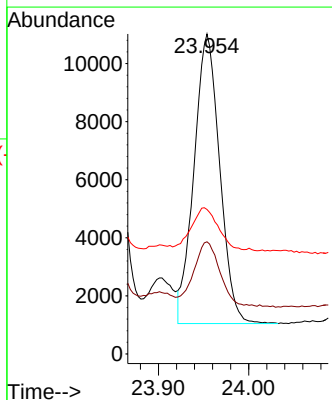
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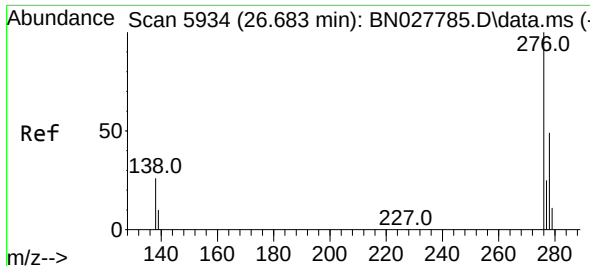
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#26
Benzo(a)pyrene
Concen: 0.248 ng/ul
RT: 23.954 min Scan# 5074
Delta R.T. 0.003 min
Lab File: BN027795.D
Acq: 21 Sep 2023 20:05

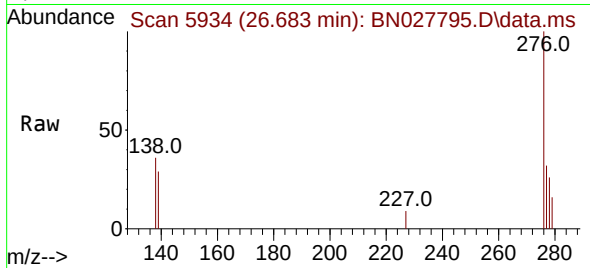
Tgt Ion:	252	Resp:	19668
Ion Ratio	Lower	Upper	
252	100		
253	35.0	21.9	32.9#
125	45.1	15.5	23.3#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.206 ng/ul
RT: 26.683 min Scan# 5934
Delta R.T. 0.000 min
Lab File: BN027795.D
Acq: 21 Sep 2023 20:05

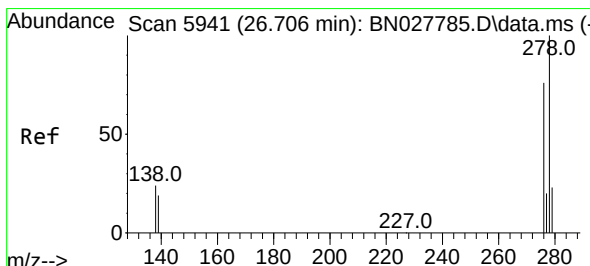
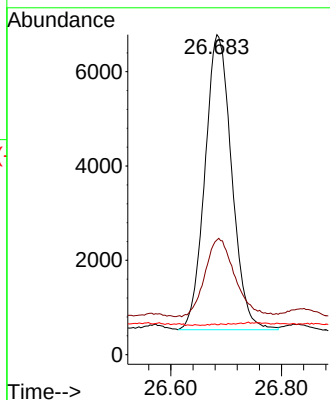
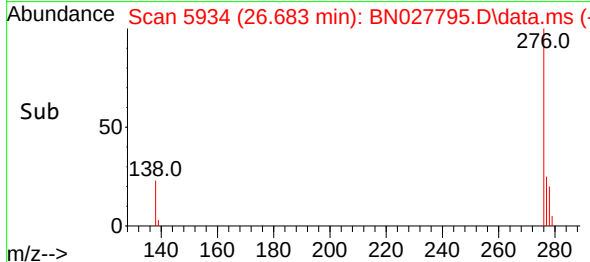
Instrument :
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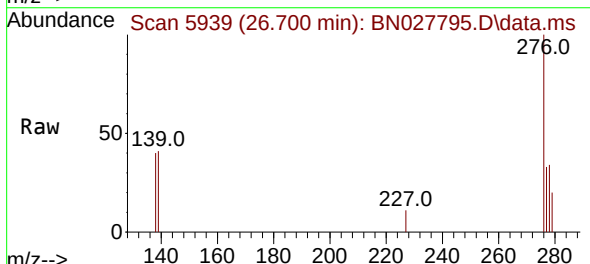
Tgt Ion:276 Resp: 2097
Ion Ratio Lower Upper
276 100
138 29.8 24.3 36.5
227 0.0 0.0 0.0

Manual Integrations
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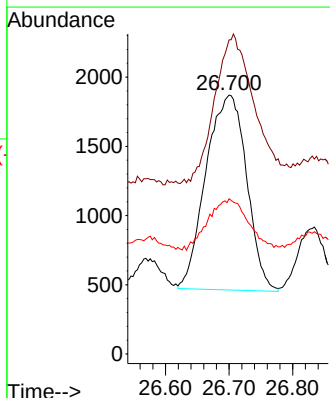
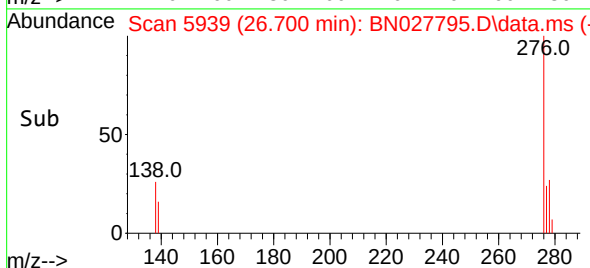
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

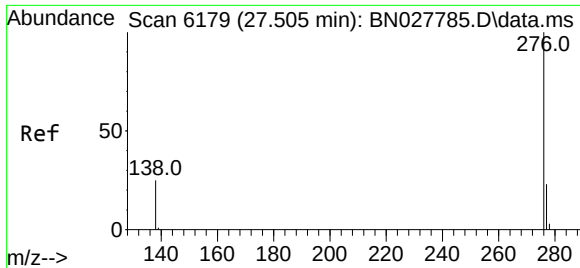


#28
Dibenzo(a,h)anthracene
Concen: 0.077 ng/ul
RT: 26.700 min Scan# 5939
Delta R.T. -0.006 min
Lab File: BN027795.D
Acq: 21 Sep 2023 20:05



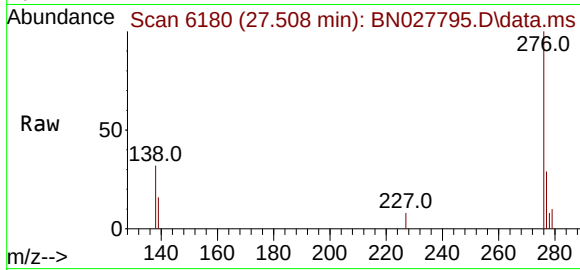
Tgt Ion:278 Resp: 6264
Ion Ratio Lower Upper
278 100
139 121.3 17.2 25.8#
279 60.0 21.4 32.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.287 ng/ul
 RT: 27.508 min Scan# 6180
 Delta R.T. 0.004 min
 Lab File: BN027795.D
 Acq: 21 Sep 2023 20:05

Instrument :
 BNA_N
 ClientSampleId :
 EZYL5



Tgt Ion: 276 Resp: 24760

Ion	Ratio	Lower	Upper
276	100		
138	32.2	21.7	32.5
277	29.3	20.2	30.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023

