

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027805.D
 Acq On : 22 Sep 2023 02:45
 Operator : MA/JU
 Sample : 04330-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYF7

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 04:04:32 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	5758	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	19125	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	11584	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	26313	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	21570	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	19246	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	13850	1.910	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4129	0.142	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	10480	0.159	ng/ul	0.00
Target Compounds					Qvalue	
7) 2-Methylnaphthalene	12.478	142	735	0.021	ng/ul	98
10) Acenaphthylene	14.370	152	1686	0.033	ng/ul#	68
15) Phenanthrene	17.434	178	13039	0.158	ng/ul#	94
16) Anthracene	17.527	178	2307	0.033	ng/ul#	68
19) Fluoranthene	19.445	202	34739	0.398	ng/ul	99
20) Pyrene	19.813	202	42769m	0.476	ng/ul	
21) Benzo(a)anthracene	21.554	228	14875	0.178	ng/ul#	62
22) Chrysene	21.609	228	25561m	0.296	ng/ul	
24) Benzo(b)fluoranthene	23.293	252	20389m	0.238	ng/ul	
25) Benzo(k)fluoranthene	23.340	252	7824m	0.094	ng/ul	
26) Benzo(a)pyrene	23.954	252	15211	0.220	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.690	276	10305	0.117	ng/ul#	88
29) Benzo(g,h,i)perylene	27.515	276	16347	0.218	ng/ul#	41

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

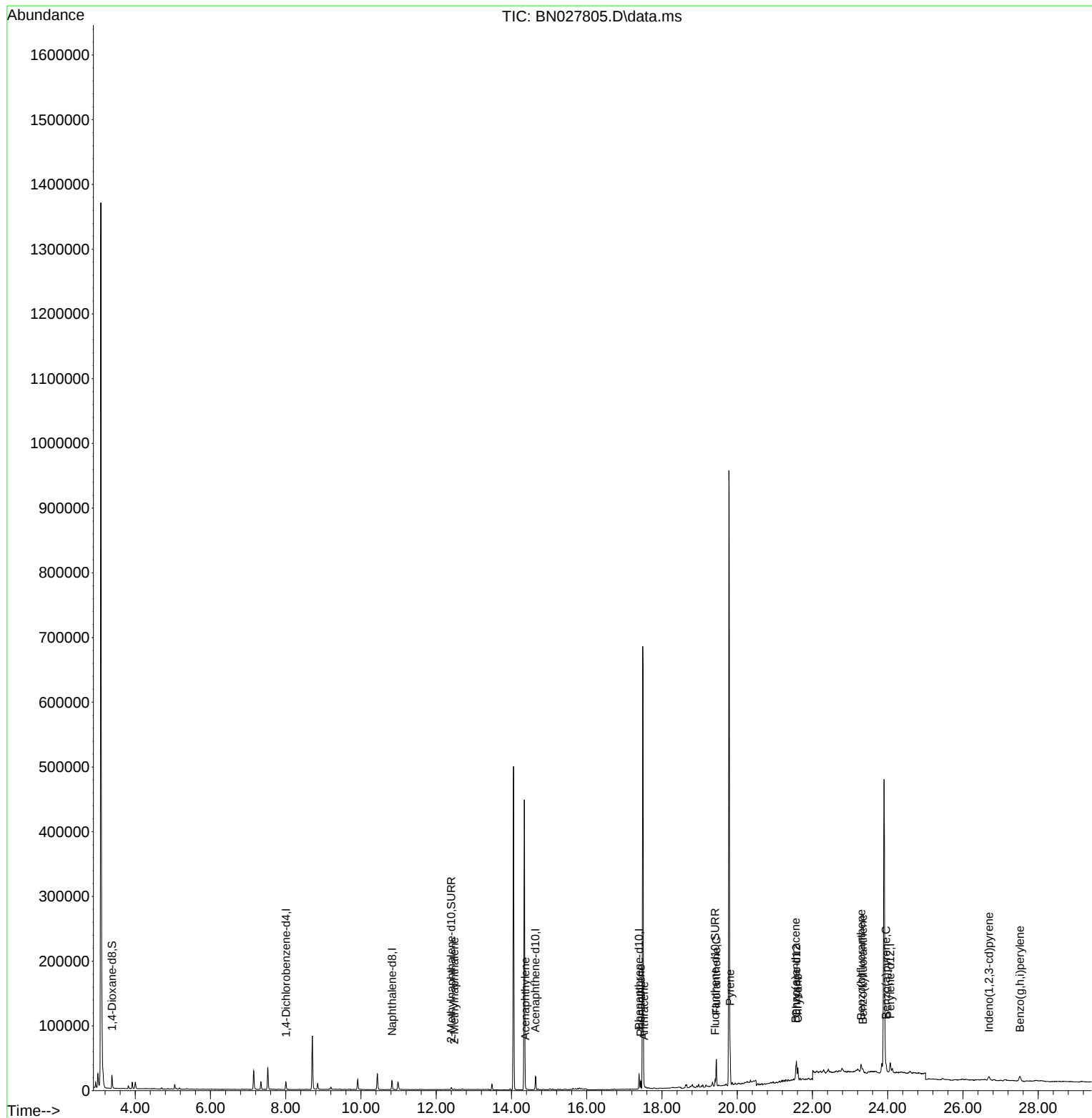
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027805.D
Acq On : 22 Sep 2023 02:45
Operator : MA/JU
Sample : 04330-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

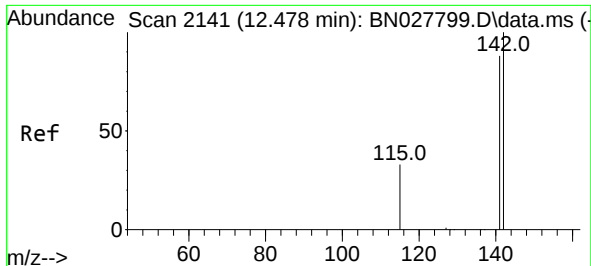
Instrument :
BNA_N
ClientSampleId :
EZYF7

Manual Integrations
APPROVED

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

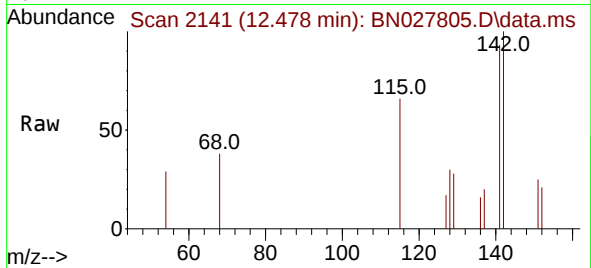
Quant Time: Sep 22 04:04:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027805.D
Acq: 22 Sep 2023 02:45

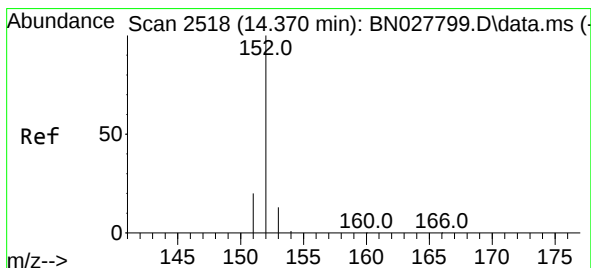
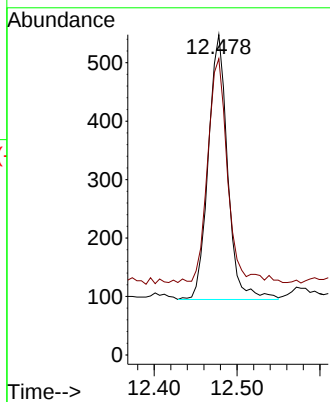
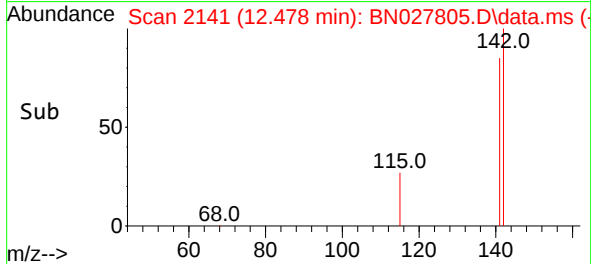
Instrument :
BNA_N
ClientSampleId :
EZYF7



Tgt Ion:142 Resp: 735
Ion Ratio Lower Upper
142 100
141 86.8 71.1 106.7

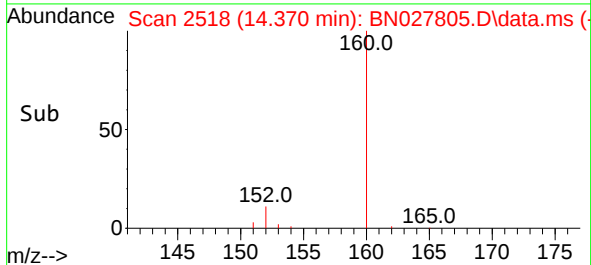
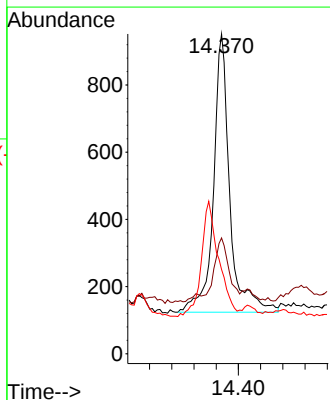
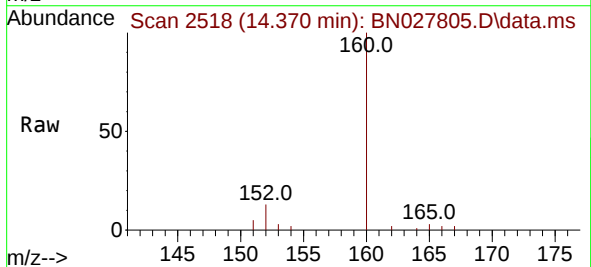
Manual Integrations
APPROVED

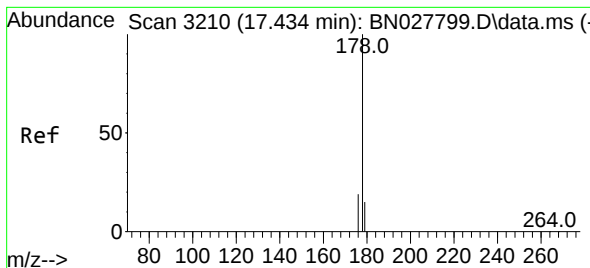
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027805.D
Acq: 22 Sep 2023 02:45

Tgt Ion:152 Resp: 1686
Ion Ratio Lower Upper
152 100
151 36.2 16.6 25.0#
153 26.4 11.0 16.6#





#15

Phenanthrene

Concen: 0.158 ng/ul

RT: 17.434 min Scan# 3210

Delta R.T. 0.000 min

Lab File: BN027805.D

Acq: 22 Sep 2023 02:45

Instrument :

BNA_N

ClientSampleId :

EZYF7

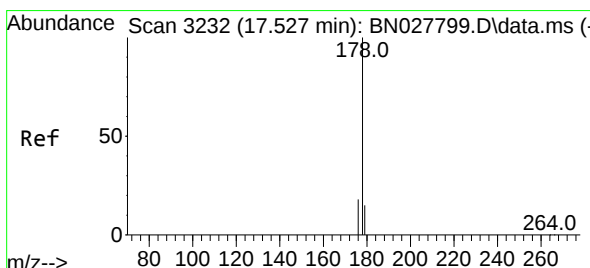
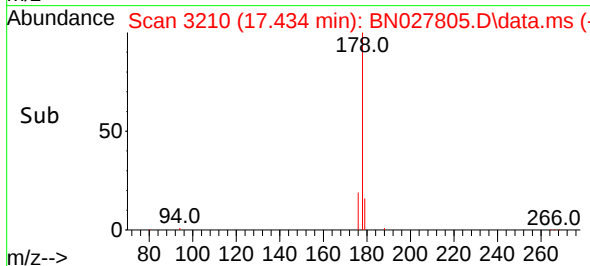
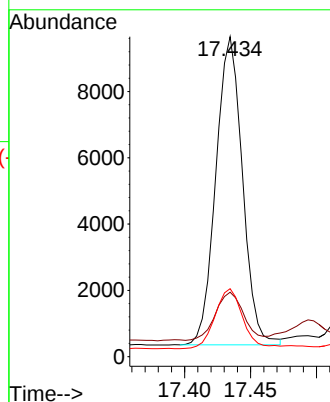
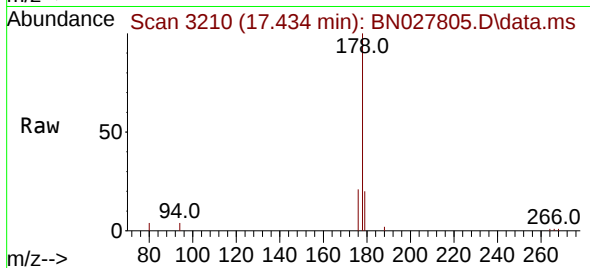
Tgt Ion:	178	Resp:	13039
Ion Ratio	Lower	Upper	
178	100		
179	20.1	12.4	18.6
176	21.3	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/22/2023

Supervised By :mohammad ahmed 09/25/2023



#16

Anthracene

Concen: 0.033 ng/ul

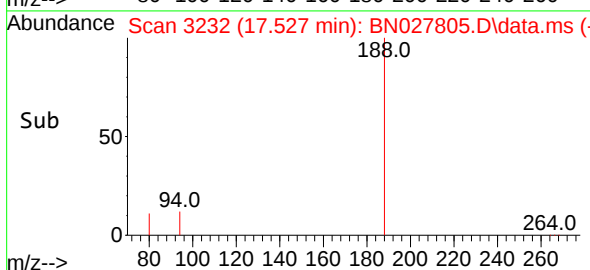
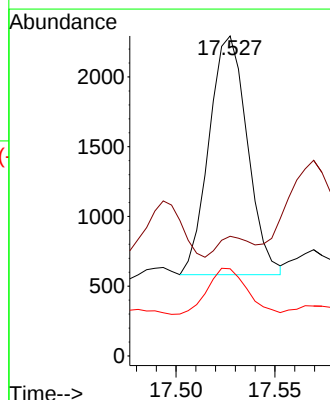
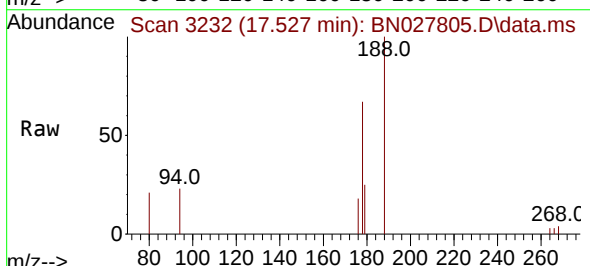
RT: 17.527 min Scan# 3232

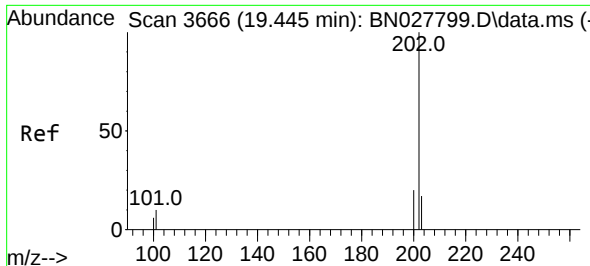
Delta R.T. 0.000 min

Lab File: BN027805.D

Acq: 22 Sep 2023 02:45

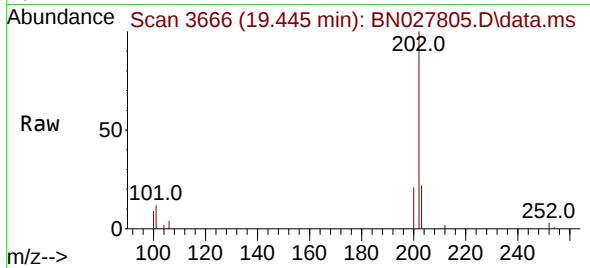
Tgt Ion:	178	Resp:	2307
Ion Ratio	Lower	Upper	
178	100		
179	37.4	12.6	19.0#
176	27.2	15.5	23.3#





#19
Fluoranthene
Concen: 0.398 ng/ul
RT: 19.445 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN027805.D
Acq: 22 Sep 2023 02:45

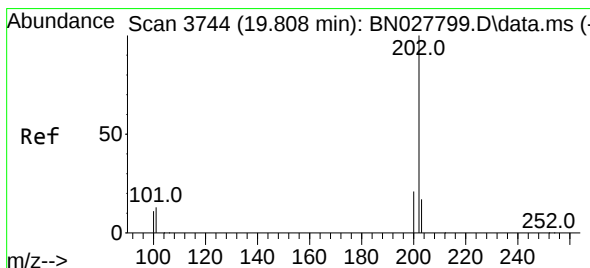
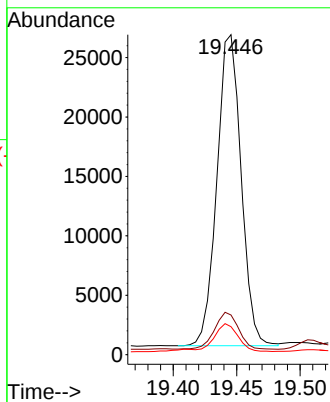
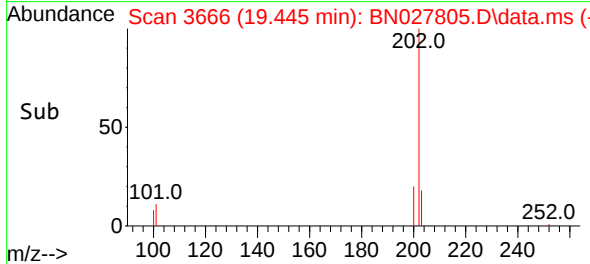
Instrument :
BNA_N
ClientSampleId :
EZYF7



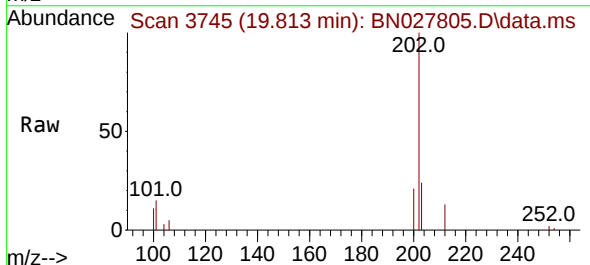
Tgt Ion:202 Resp: 34739
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 8.7 7.0 10.4

Manual Integrations
APPROVED

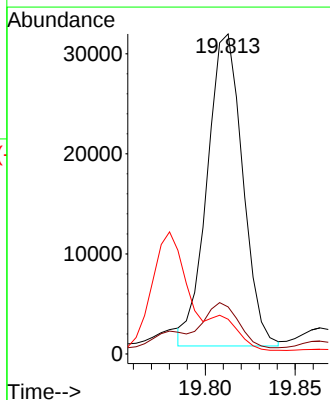
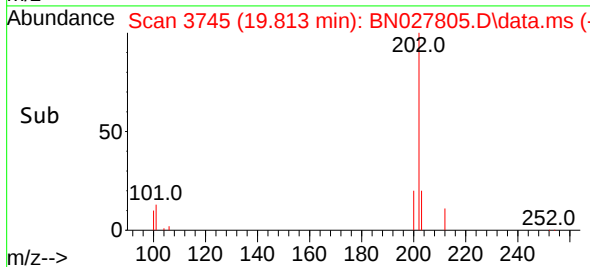
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

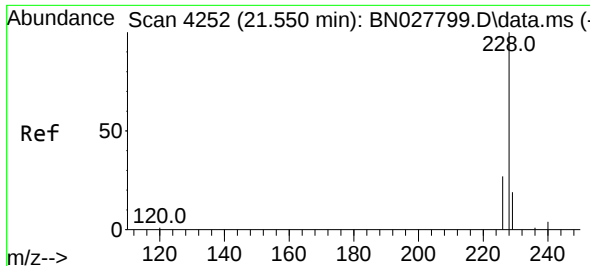


#20
Pyrene
Concen: 0.476 ng/ul m
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027805.D
Acq: 22 Sep 2023 02:45



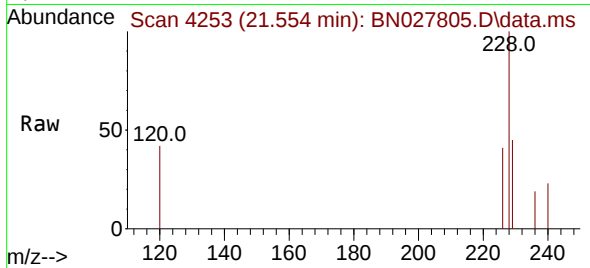
Tgt Ion:202 Resp: 42769
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.0
100 10.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.178 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027805.D
Acq: 22 Sep 2023 02:45

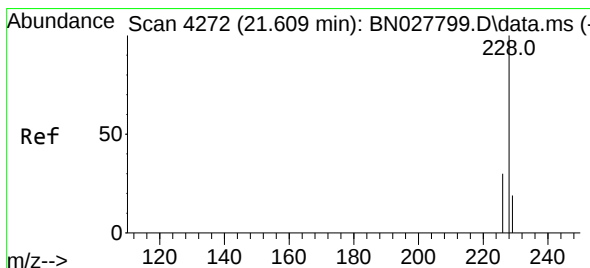
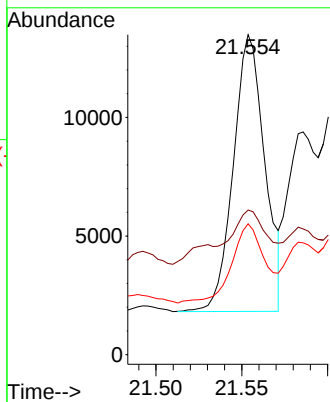
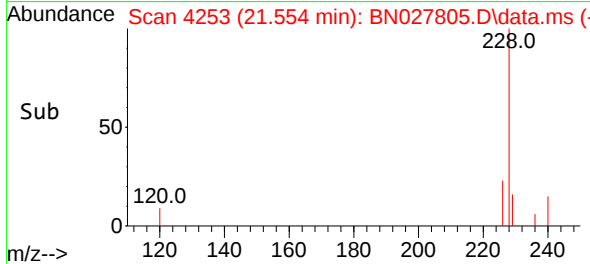
Instrument :
BNA_N
ClientSampleId :
EZYF7



Tgt Ion:228 Resp: 14875
Ion Ratio Lower Upper
228 100
229 45.2 15.8 23.8#
226 40.9 22.0 33.0#

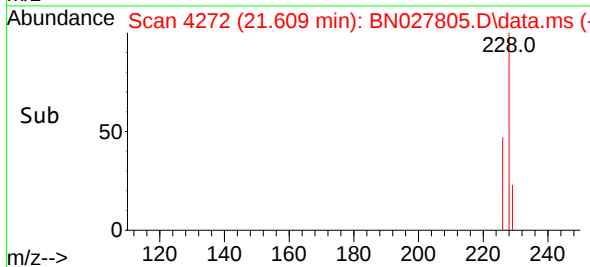
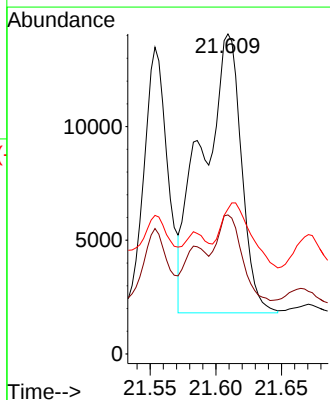
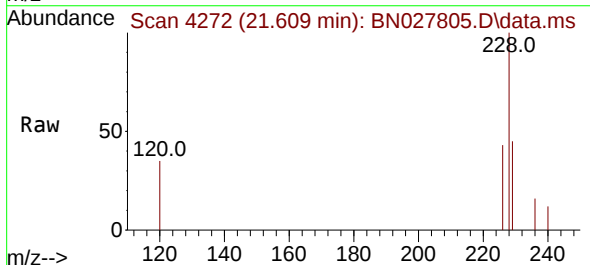
Manual Integrations
APPROVED

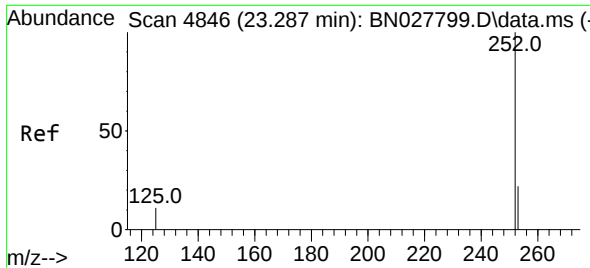
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#22
Chrysene
Concen: 0.296 ng/ul m
RT: 21.609 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN027805.D
Acq: 22 Sep 2023 02:45

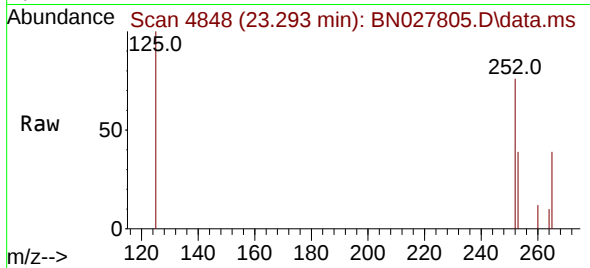
Tgt Ion:228 Resp: 25561
Ion Ratio Lower Upper
228 100
226 43.4 24.5 36.7#
229 45.3 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.238 ng/ul m
RT: 23.293 min Scan# 4846
Delta R.T. 0.003 min
Lab File: BN027805.D
Acq: 22 Sep 2023 02:45

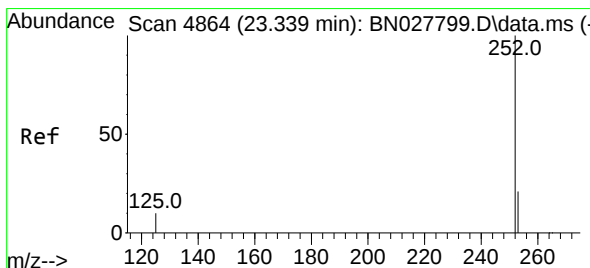
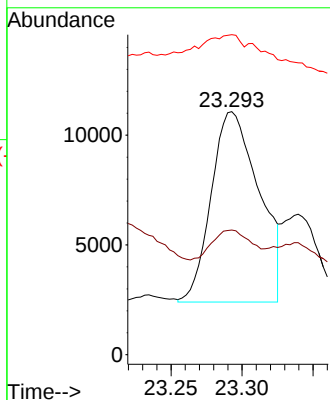
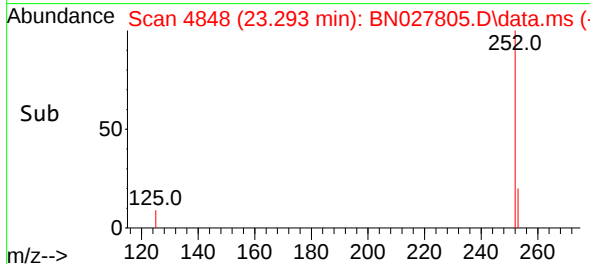
Instrument :
BNA_N
ClientSampleId :
EZYF7



Tgt Ion:252 Resp: 20389
Ion Ratio Lower Upper
252 100
253 51.3 0.0 50.2
125 131.7 0.0 31.4

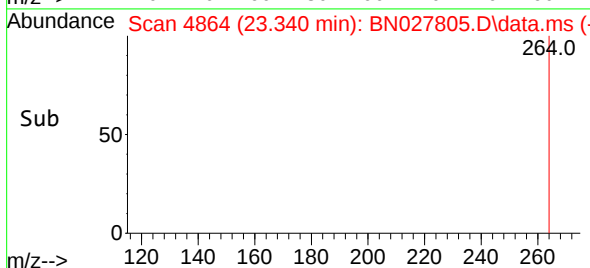
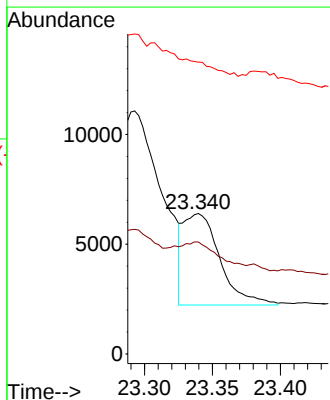
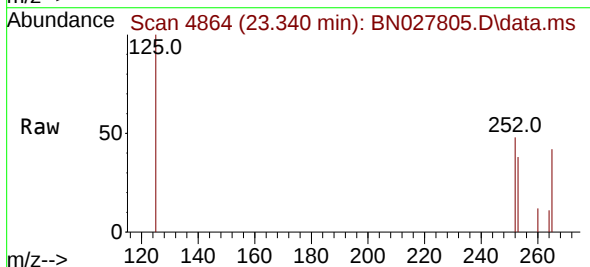
Manual Integrations
APPROVED

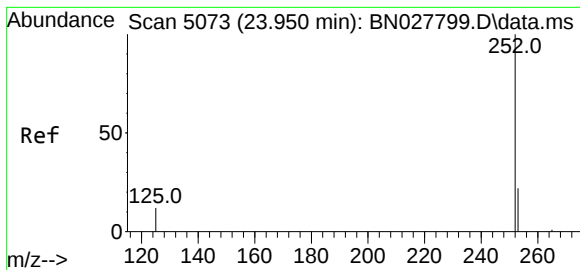
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.094 ng/ul m
RT: 23.340 min Scan# 4864
Delta R.T. -0.003 min
Lab File: BN027805.D
Acq: 22 Sep 2023 02:45

Tgt Ion:252 Resp: 7824
Ion Ratio Lower Upper
252 100
253 79.7 19.9 29.9#
125 207.7 12.6 19.0#





#26

Benzo(a)pyrene

Concen: 0.220 ng/ul

RT: 23.954 min Scan# 5073

Delta R.T. 0.003 min

Lab File: BN027805.D

Acq: 22 Sep 2023 02:45

Instrument :

BN027805.D

ClientSampleId :

EZYF7

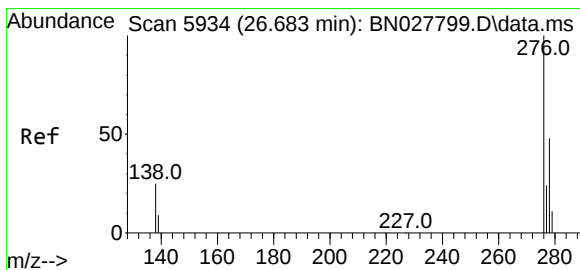
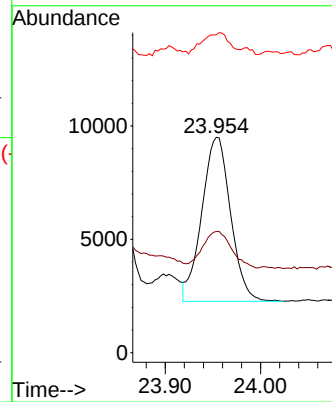
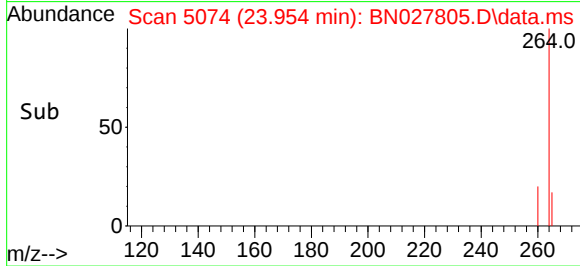
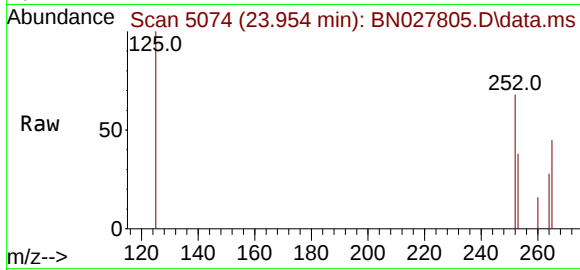
Tgt Ion:	252	Resp:	1521
Ion Ratio	Lower	Upper	
252	100		
253	56.3	21.9	32.9
125	147.7	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/22/2023

Supervised By :mohammad ahmed 09/25/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.117 ng/ul

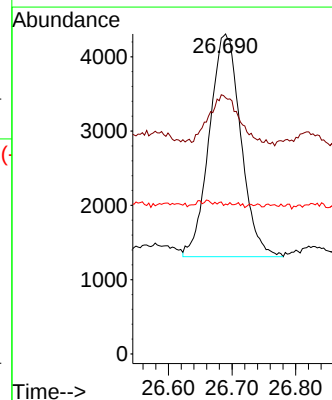
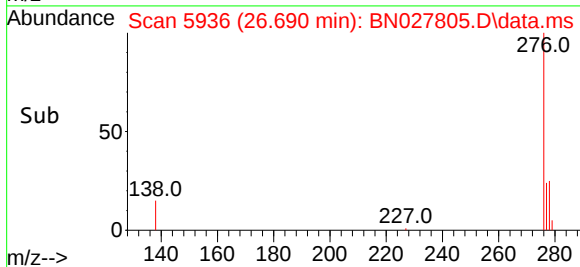
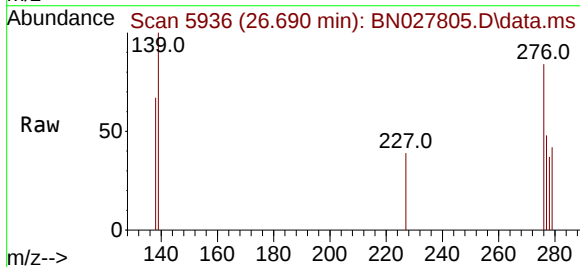
RT: 26.690 min Scan# 5936

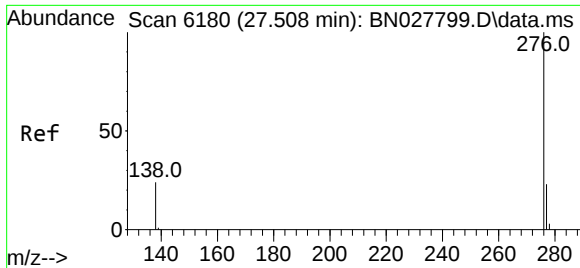
Delta R.T. 0.007 min

Lab File: BN027805.D

Acq: 22 Sep 2023 02:45

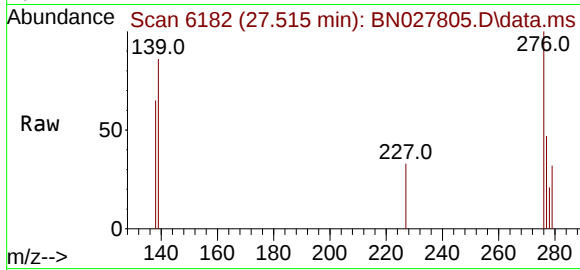
Tgt Ion:	276	Resp:	10305
Ion Ratio	Lower	Upper	
276	100		
138	23.7	24.3	36.5
227	0.0	0.0	0.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.218 ng/ul
 RT: 27.515 min Scan# 6182
 Delta R.T. 0.010 min
 Lab File: BN027805.D
 Acq: 22 Sep 2023 02:45

Instrument :
 BNA_N
 ClientSampleId :
 EZYF7



Tgt Ion:	276	Resp:	1634
Ion Ratio	Lower	Upper	
276	100		
138	65.3	21.7	32.5
277	47.4	20.2	30.2

Manual Integrations
 APPROVED

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

