

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027806.D
 Acq On : 22 Sep 2023 03:21
 Operator : MA/JU
 Sample : 04332-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 04:04:48 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	7274	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	24463	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	14674	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	33446	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	27586	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	24408	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	13013	1.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	3565	0.096	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	9260	0.110	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.878	128	1947	0.028	ng/ul#	83
7) 2-Methylnaphthalene	12.478	142	1662	0.037	ng/ul	98
8) 1-Methylnaphthalene	12.693	142	1402	0.031	ng/ul	98
10) Acenaphthylene	14.370	152	1627	0.025	ng/ul#	78
15) Phenanthrene	17.434	178	15825	0.151	ng/ul	98
16) Anthracene	17.523	178	2102	0.024	ng/ul#	72
19) Fluoranthene	19.445	202	43596	0.391	ng/ul	98
20) Pyrene	19.813	202	36142m	0.315	ng/ul	
21) Benzo(a)anthracene	21.557	228	15583	0.146	ng/ul#	80
22) Chrysene	21.612	228	20341	0.184	ng/ul#	83
24) Benzo(b)fluoranthene	23.296	252	26599m	0.244	ng/ul	
25) Benzo(k)fluoranthene	23.343	252	10148m	0.096	ng/ul	
26) Benzo(a)pyrene	23.954	252	14843	0.170	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.690	276	12941	0.115	ng/ul#	41
29) Benzo(g,h,i)perylene	27.515	276	13616	0.143	ng/ul#	36

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

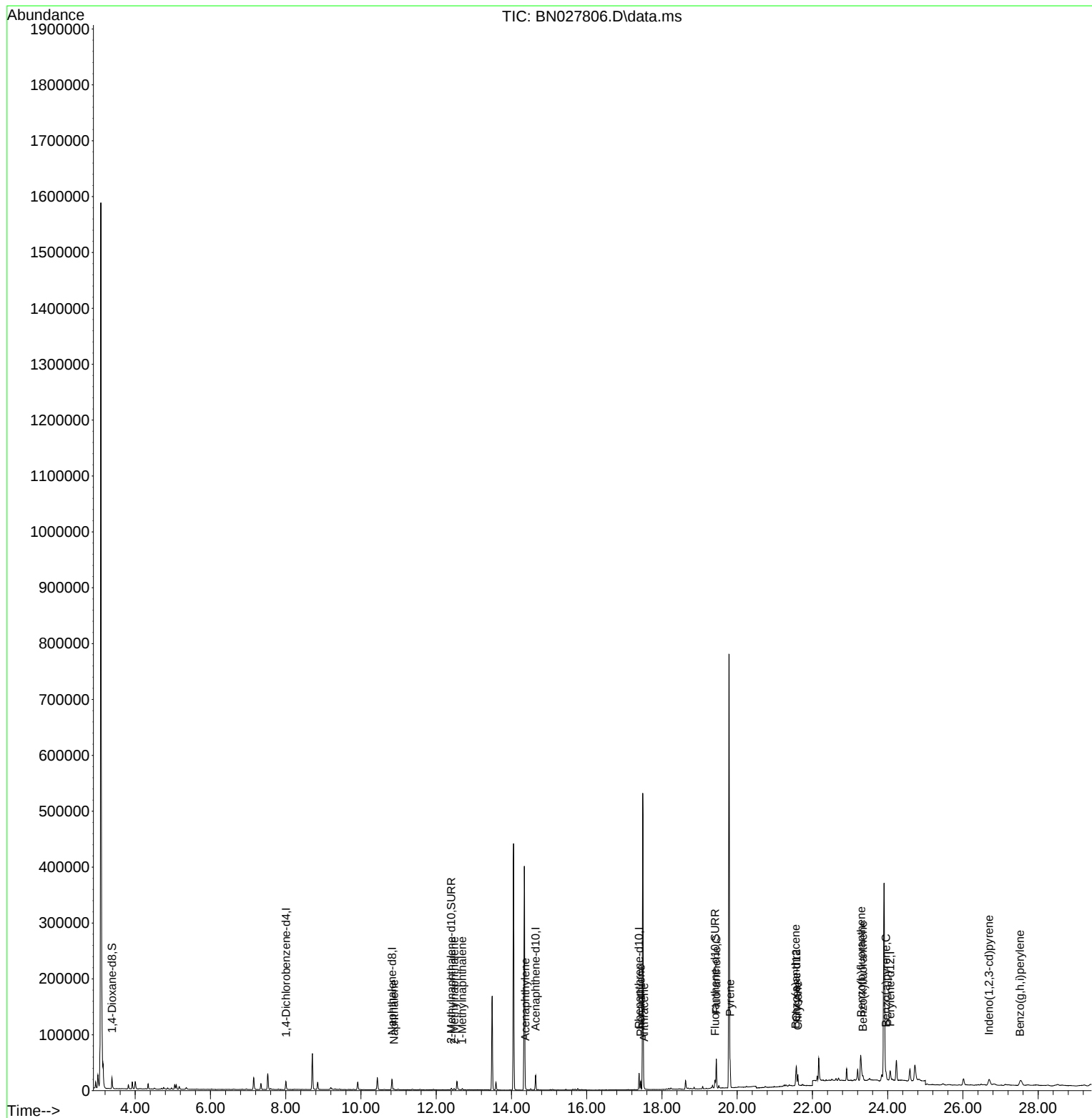
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027806.D
Acq On : 22 Sep 2023 03:21
Operator : MA/JU
Sample : 04332-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

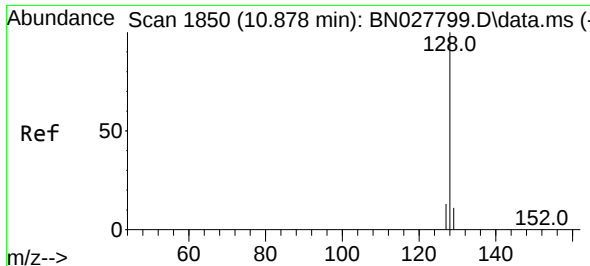
Instrument :
BNA_N
ClientSampleId :
C0AC3

Manual Integrations
APPROVED

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

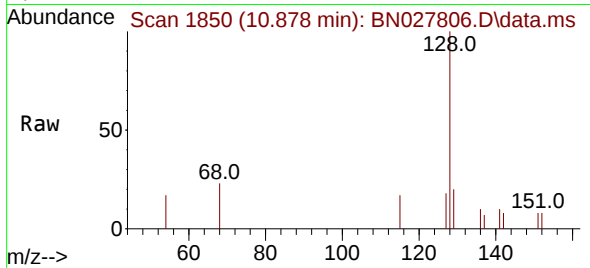
Quant Time: Sep 22 04:04:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.878 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

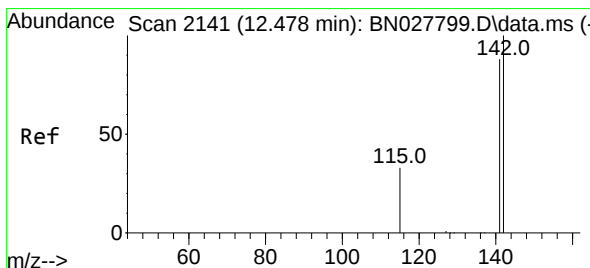
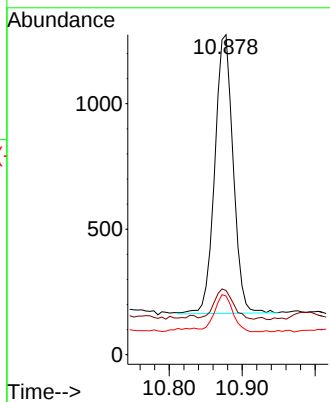
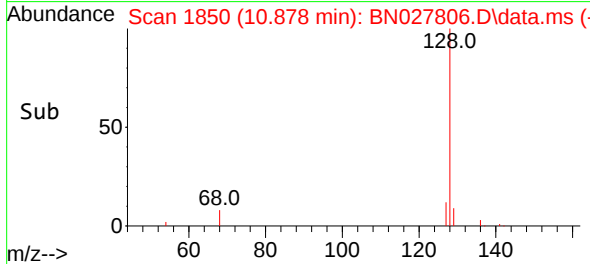
Instrument :
BNA_N
ClientSampleId :
C0AC3



Tgt Ion:128 Resp: 194
Ion Ratio Lower Upper
128 100
129 20.1 9.3 13.9
127 18.4 10.7 16.1

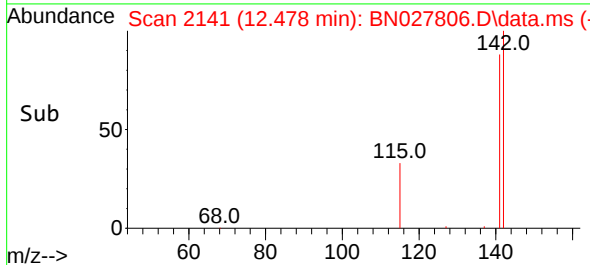
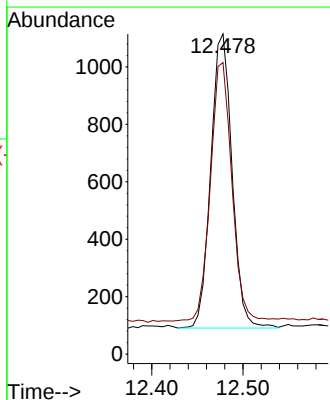
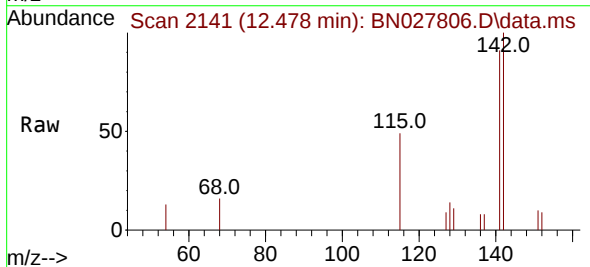
Manual Integrations
APPROVED

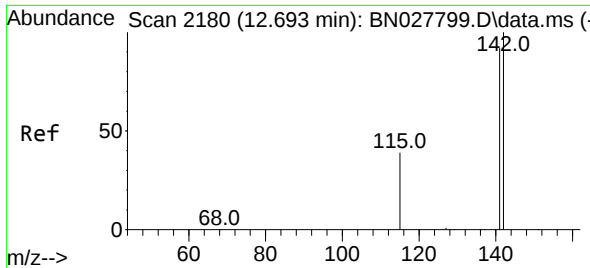
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

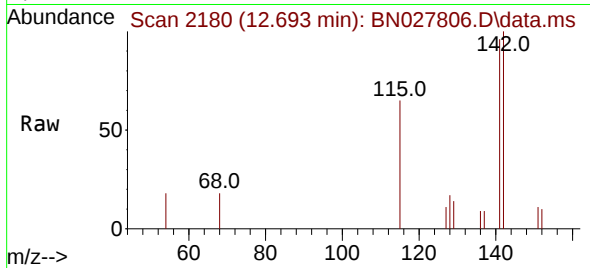
Tgt Ion:142 Resp: 1662
Ion Ratio Lower Upper
142 100
141 91.2 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

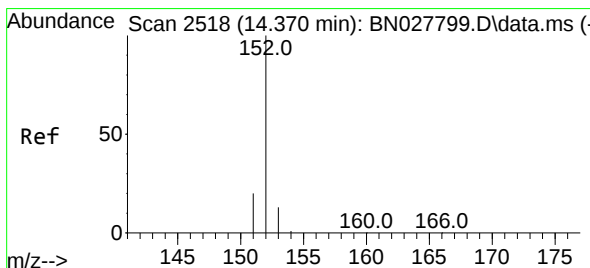
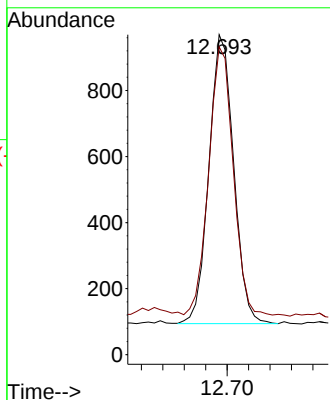
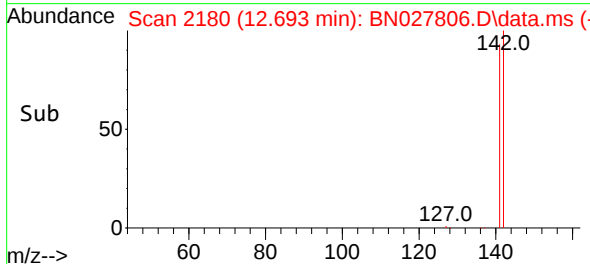
Instrument :
BNA_N
ClientSampleId :
C0AC3



Tgt Ion:142 Resp: 1402
Ion Ratio Lower Upper
142 100
141 92.7 72.8 109.2

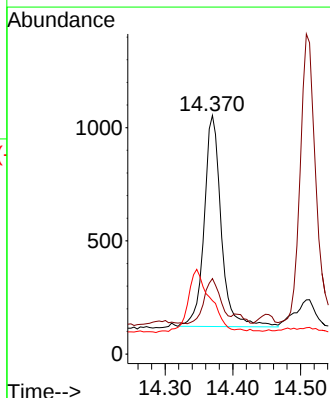
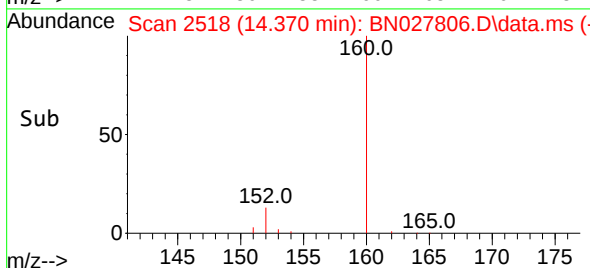
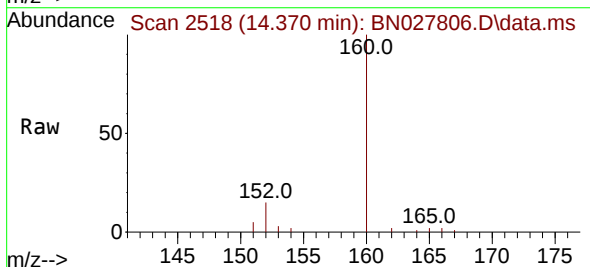
Manual Integrations
APPROVED

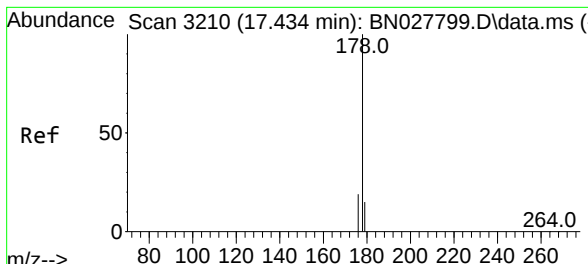
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

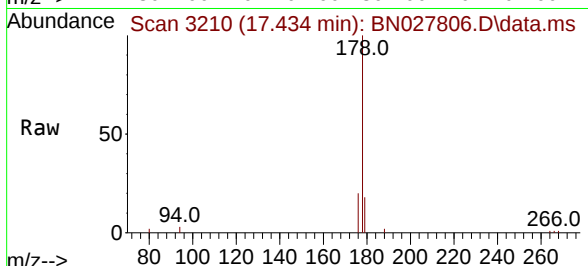
Tgt Ion:152 Resp: 1627
Ion Ratio Lower Upper
152 100
151 31.6 16.6 25.0#
153 22.4 11.0 16.6#





#15
 Phenanthrene
 Concen: 0.151 ng/ul
 RT: 17.434 min Scan# 3210
 Delta R.T. 0.000 min
 Lab File: BN027806.D
 Acq: 22 Sep 2023 03:21

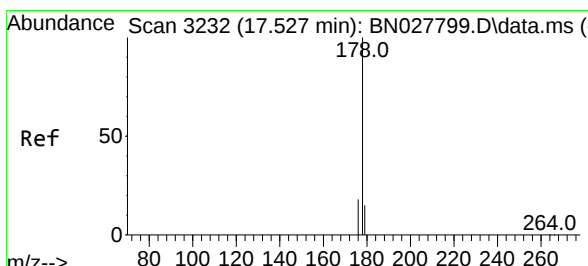
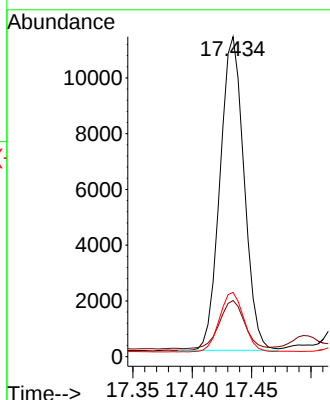
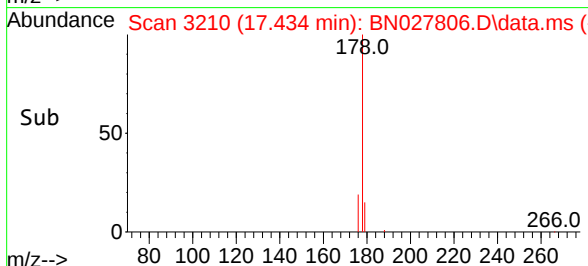
Instrument :
 BNA_N
 ClientSampleId :
 C0AC3



Tgt Ion:	178	Resp:	1582
Ion Ratio	Lower	Upper	
178	100		
179	17.5	12.4	18.6
176	20.1	16.0	24.0

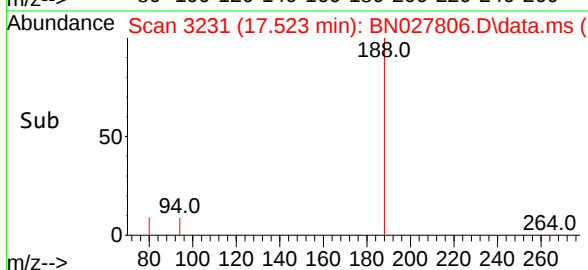
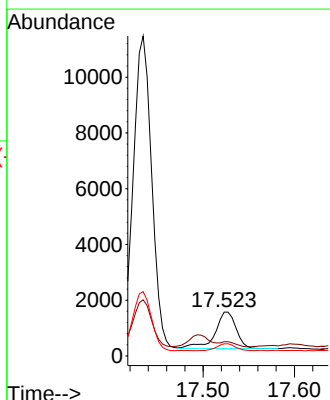
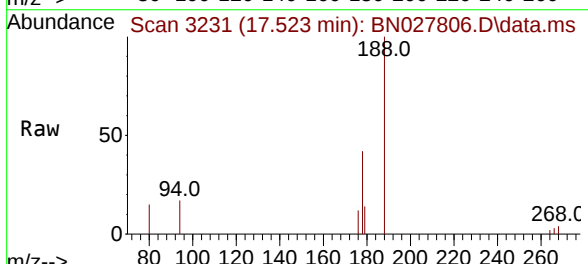
Manual Integrations
 APPROVED

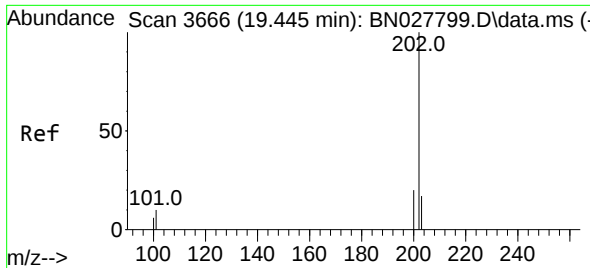
Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023



#16
 Anthracene
 Concen: 0.024 ng/ul
 RT: 17.523 min Scan# 3231
 Delta R.T. -0.004 min
 Lab File: BN027806.D
 Acq: 22 Sep 2023 03:21

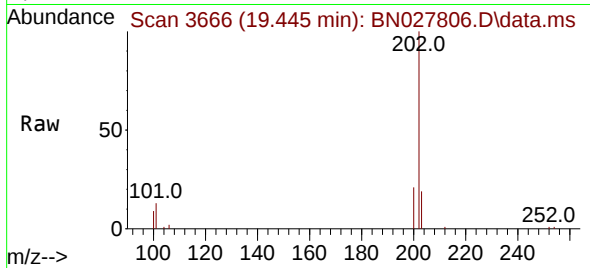
Tgt Ion:	178	Resp:	2102
Ion Ratio	Lower	Upper	
178	100		
179	32.5	12.6	19.0#
176	27.6	15.5	23.3#





#19
Fluoranthene
Concen: 0.391 ng/ul
RT: 19.445 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

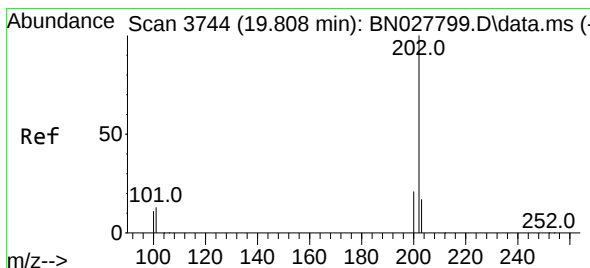
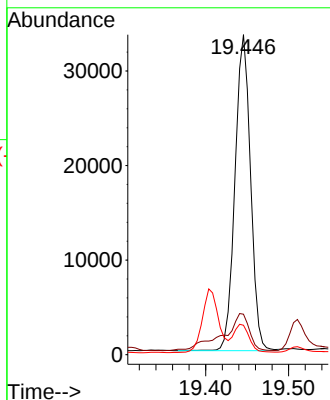
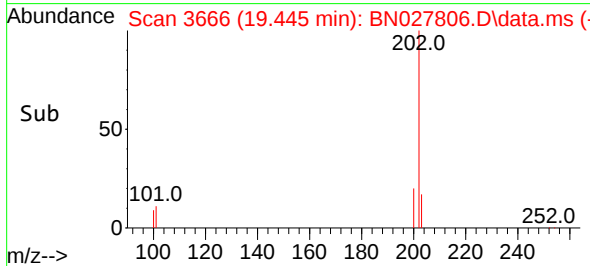
Instrument :
BNA_N
ClientSampleId :
C0AC3



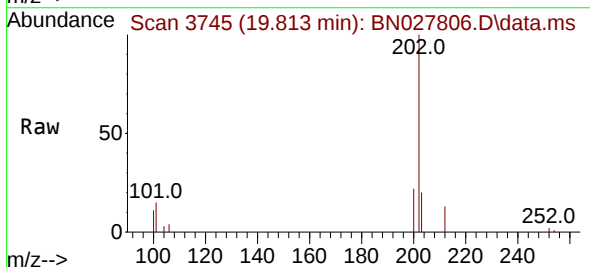
Tgt Ion:202 Resp: 43590
Ion Ratio Lower Upper
202 100
101 12.7 9.3 13.9
100 9.2 7.0 10.4

Manual Integrations
APPROVED

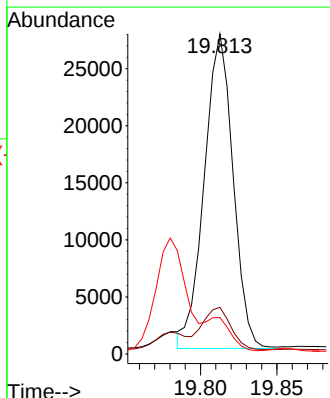
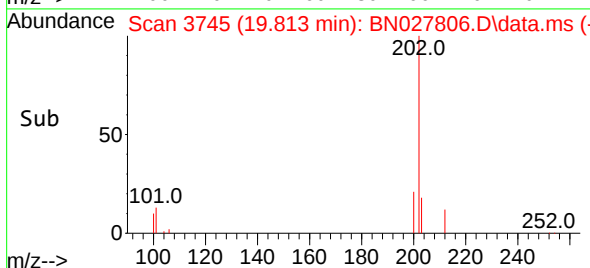
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

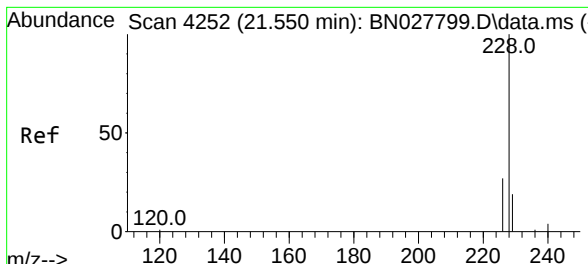


#20
Pyrene
Concen: 0.315 ng/ul m
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21



Tgt Ion:202 Resp: 36142
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 11.4 9.1 13.7





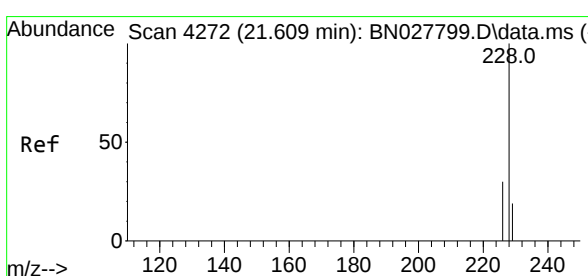
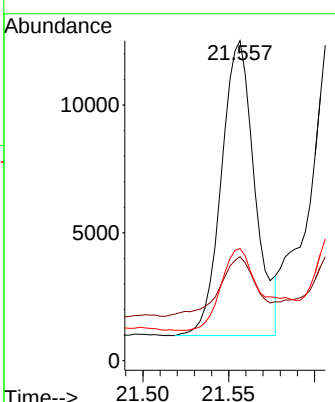
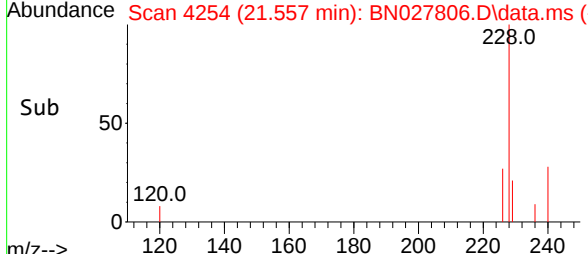
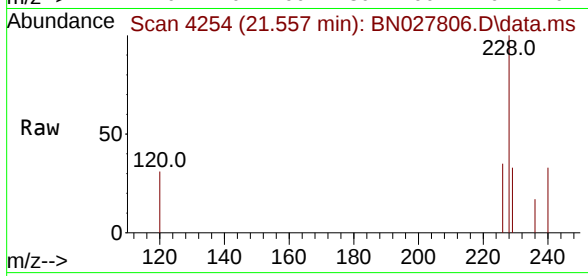
#21
Benzo(a)anthracene
Concen: 0.146 ng/ul
RT: 21.557 min Scan# 4254
Delta R.T. 0.003 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Instrument :
BNA_N
ClientSampleId :
C0AC3

Tgt Ion:228 Resp: 1558

Ion	Ratio	Lower	Upper
228	100		
229	32.5	15.8	23.8
226	35.0	22.0	33.0

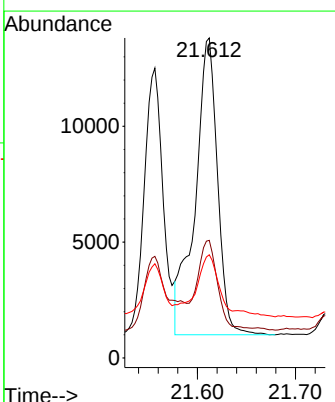
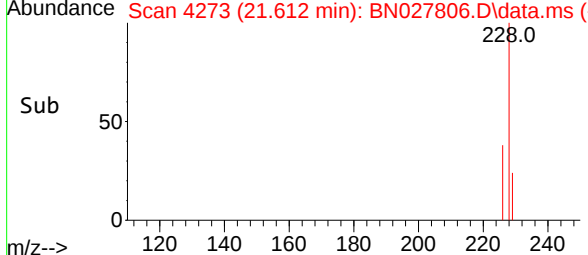
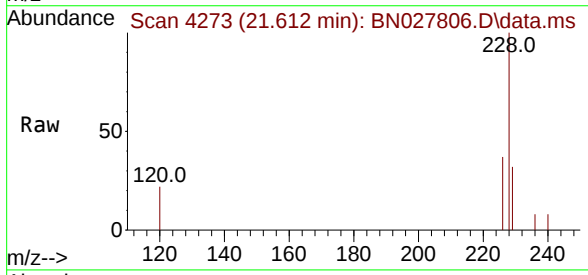
Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

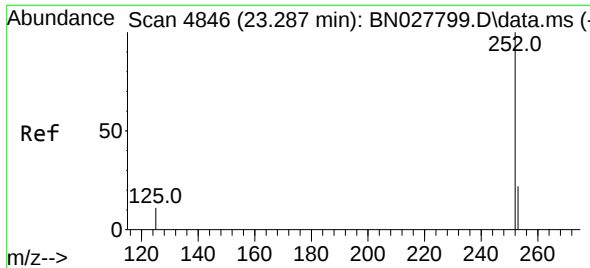


#22
Chrysene
Concen: 0.184 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Tgt Ion:228 Resp: 20341

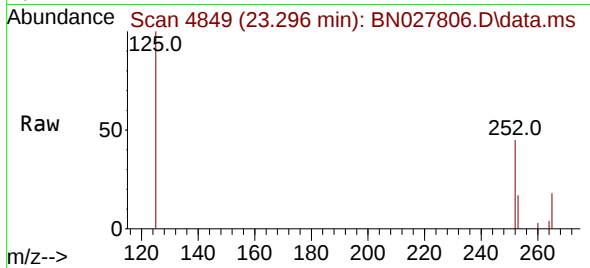
Ion	Ratio	Lower	Upper
228	100		
226	36.8	24.5	36.7
229	32.2	16.0	24.0





#24
Benzo(b)fluoranthene
Concen: 0.244 ng/ul m
RT: 23.296 min Scan# 4849
Delta R.T. 0.006 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

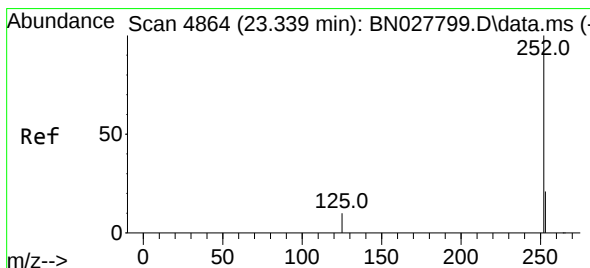
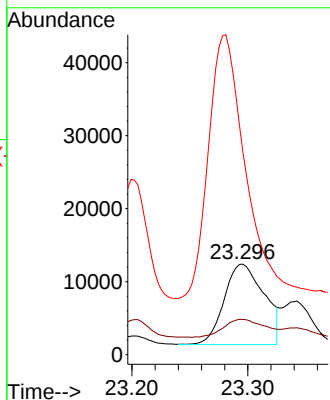
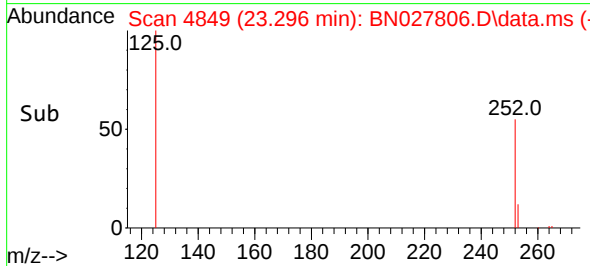
Instrument :
BNA_N
ClientSampleId :
C0AC3



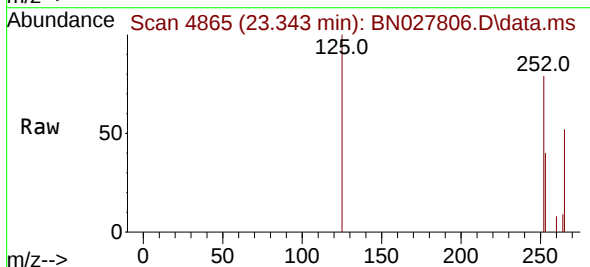
Tgt Ion:252 Resp: 26599
Ion Ratio Lower Upper
252 100
253 38.8 0.0 50.2
125 224.0 0.0 31.4

Manual Integrations
APPROVED

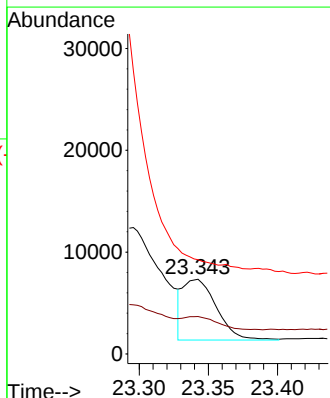
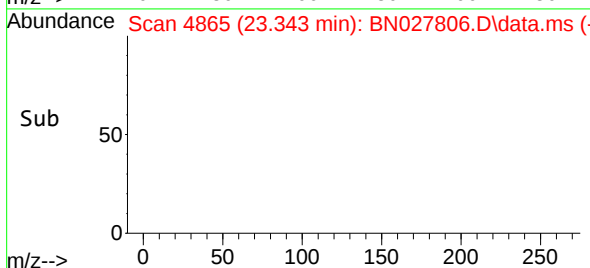
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

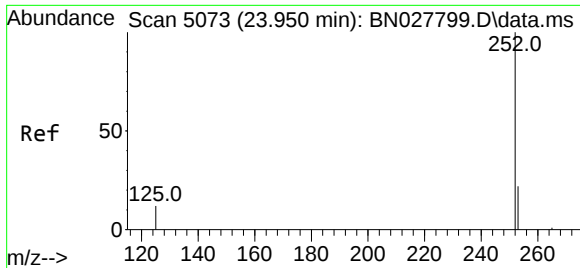


#25
Benzo(k)fluoranthene
Concen: 0.096 ng/ul m
RT: 23.343 min Scan# 4865
Delta R.T. 0.000 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21



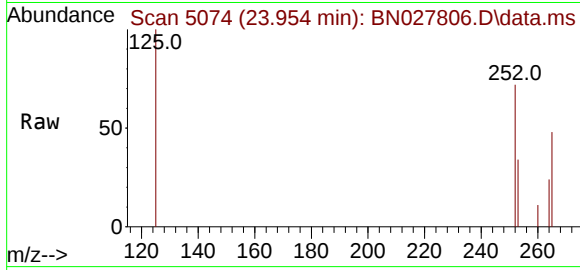
Tgt Ion:252 Resp: 10148
Ion Ratio Lower Upper
252 100
253 50.1 19.9 29.9#
125 126.1 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.170 ng/ul
RT: 23.954 min Scan# 5074
Delta R.T. 0.003 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

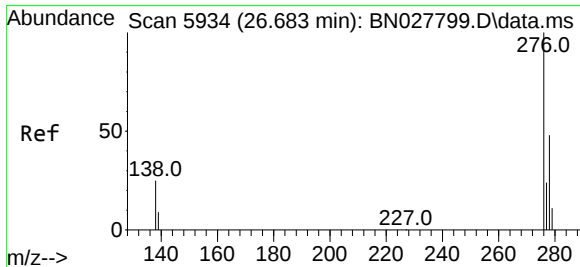
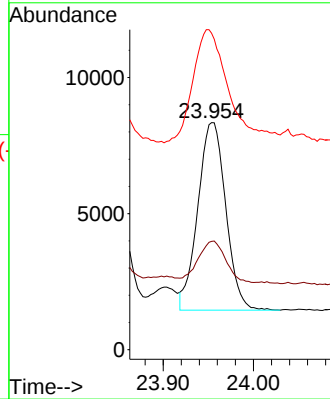
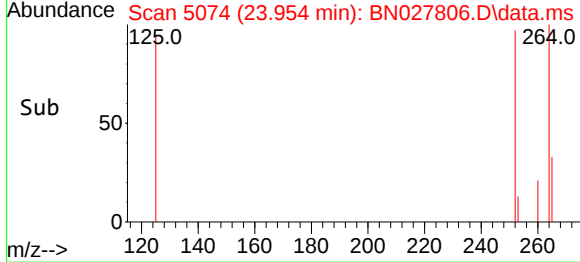
Instrument :
BNA_N
ClientSampleId :
C0AC3



Tgt Ion:252 Resp: 1484
Ion Ratio Lower Upper
252 100
253 47.7 21.9 32.9
125 139.4 15.5 23.3

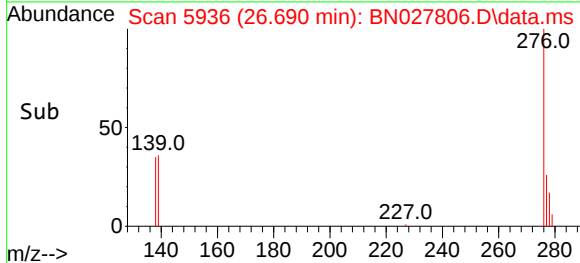
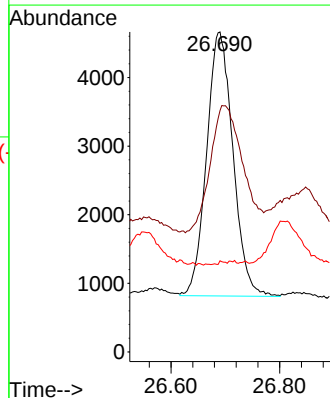
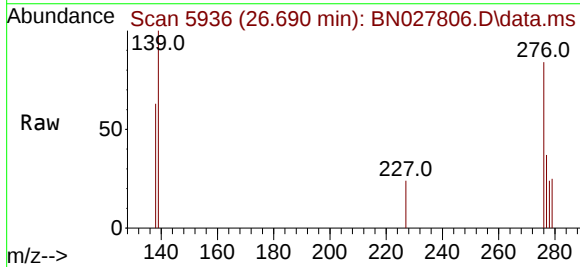
Manual Integrations
APPROVED

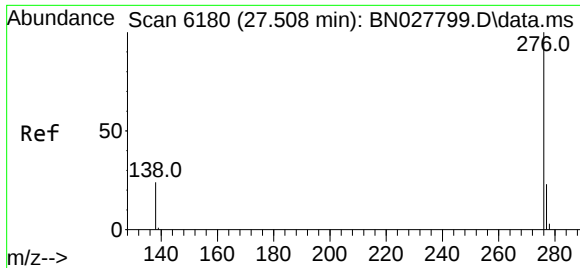
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.115 ng/ul
RT: 26.690 min Scan# 5936
Delta R.T. 0.007 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

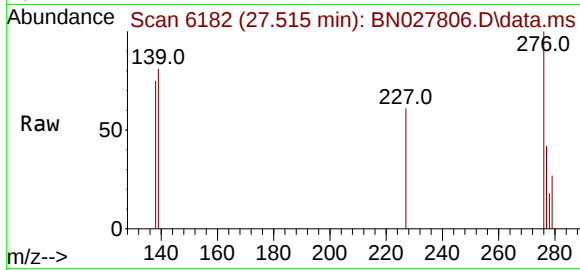
Tgt Ion:276 Resp: 12941
Ion Ratio Lower Upper
276 100
138 62.7 24.3 36.5
227 0.0 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 0.143 ng/ul
RT: 27.515 min Scan# 6182
Delta R.T. 0.011 min
Lab File: BN027806.D
Acq: 22 Sep 2023 03:21

Instrument :
BNA_N
ClientSampleId :
C0AC3



Tgt Ion:	276	Resp:	13610
Ion Ratio	Lower	Upper	
276	100		
138	74.7	21.7	32.5
277	42.3	20.2	30.2

Manual Integrations
APPROVED

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

