

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028081.D
 Acq On : 06 Oct 2023 12:48
 Operator : MA/JU
 Sample : 04527-08DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYK7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

Quant Time: Oct 07 00:30:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	7132	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.757	136	21867	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	11923	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	23711	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.530	240	20458	0.400	ng/ul	# 0.01
23) Perylene-d12	24.003	264	22760	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	10181	1.137	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	2609	0.074	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	3666	0.056	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.806	128	130691	2.105	ng/ul	100
7) 2-Methylnaphthalene	12.412	142	48057	1.226	ng/ul	100
8) 1-Methylnaphthalene	12.632	142	74259	1.832	ng/ul	99
11) Acenaphthene	14.647	153	19833	0.461	ng/ul	99
12) Fluorene	15.633	166	13230	0.276	ng/ul#	96
15) Phenanthrene	17.380	178	65166	0.922	ng/ul#	92
16) Anthracene	17.477	178	4347	0.069	ng/ul#	12
19) Fluoranthene	19.399	202	29133	0.373	ng/ul#	86
20) Pyrene	19.762	202	39458	0.487	ng/ul#	76
21) Benzo(a)anthracene	21.513	228	7307	0.098	ng/ul#	1
22) Chrysene	21.545	228	28341m	0.376	ng/ul	
24) Benzo(b)fluoranthene	23.237	252	5524m	0.065	ng/ul	
25) Benzo(k)fluoranthene	23.281	252	1949m	0.023	ng/ul	
26) Benzo(a)pyrene	23.892	252	3124	0.043	ng/ul#	1
29) Benzo(g,h,i)perylene	27.411	276	2305	0.032	ng/ul#	1

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

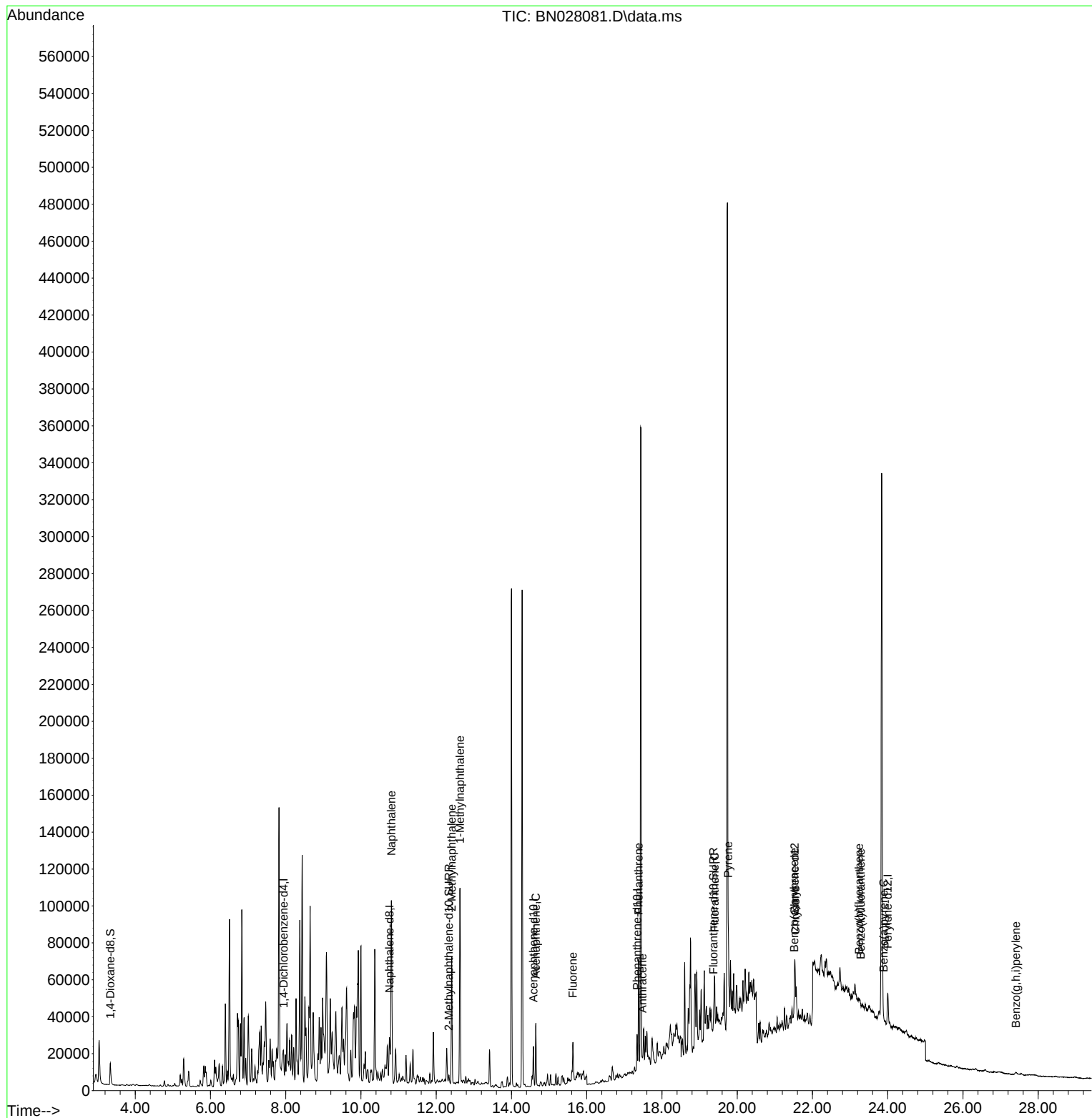
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028081.D
Acq On : 06 Oct 2023 12:48
Operator : MA/JU
Sample : 04527-08DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

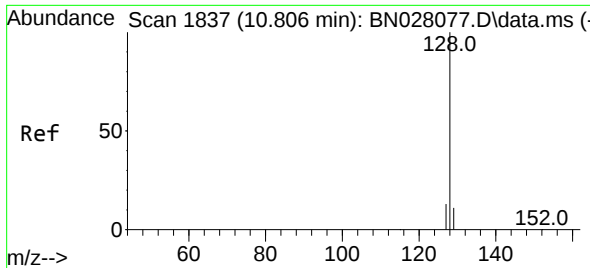
Instrument :
BNA_N
ClientSampleId :
EZYK7DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

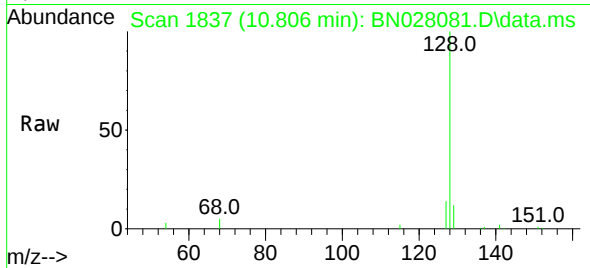
Quant Time: Oct 07 00:30:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.105 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

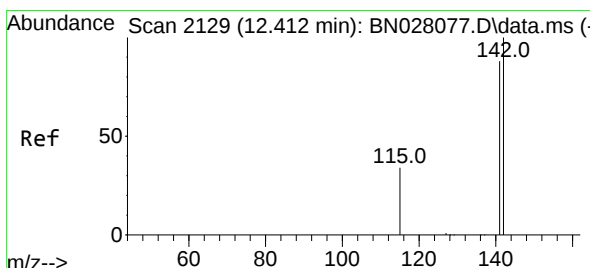
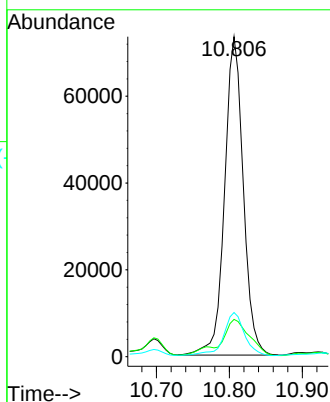
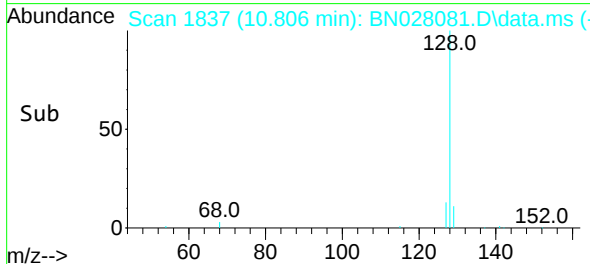
Instrument :
BNA_N
ClientSampleId :
EZYK7DL



Tgt Ion:128 Resp: 13069
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.8 11.0 16.4

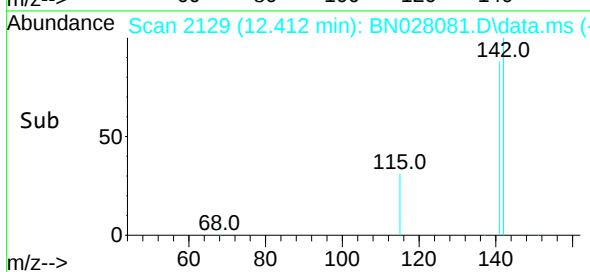
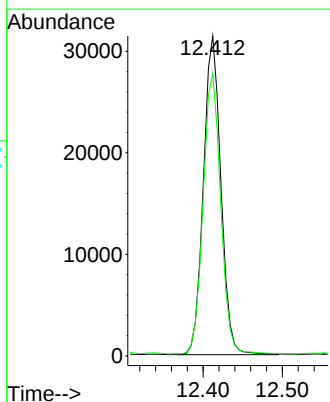
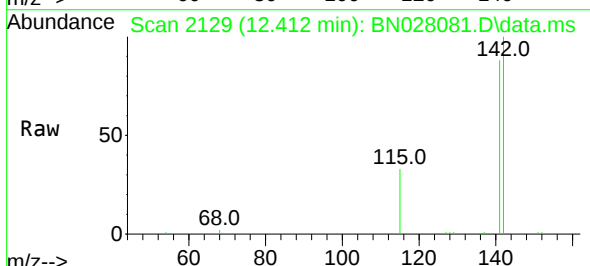
Manual Integrations
APPROVED

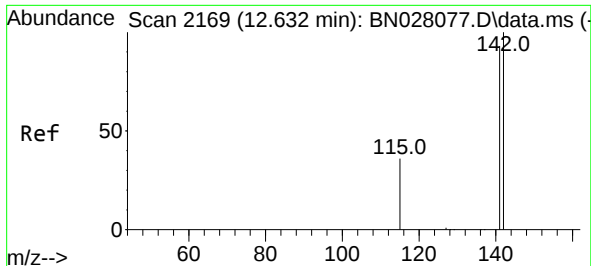
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#7
2-Methylnaphthalene
Concen: 1.226 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

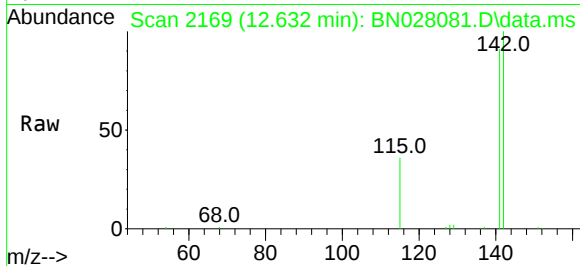
Tgt Ion:142 Resp: 48057
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3





#8
1-Methylnaphthalene
Concen: 1.832 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.005 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

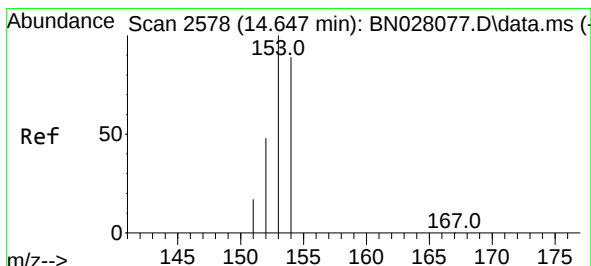
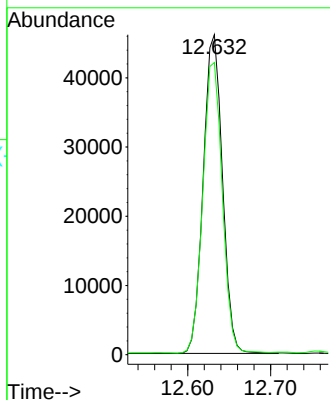
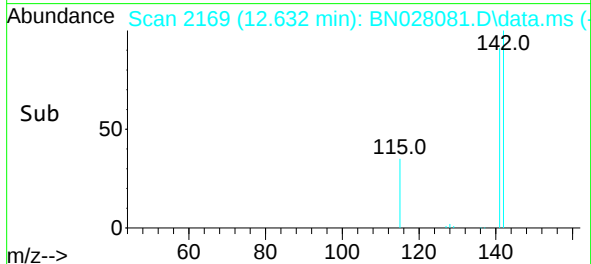
Instrument :
BNA_N
ClientSampleId :
EZYK7DL



Tgt Ion:142 Resp: 74259
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6

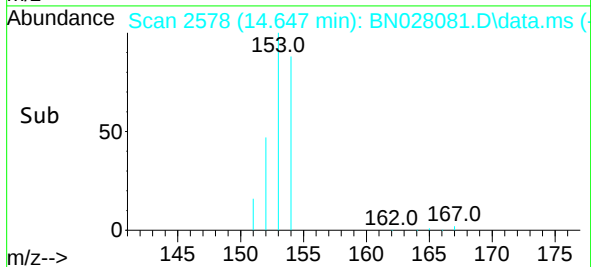
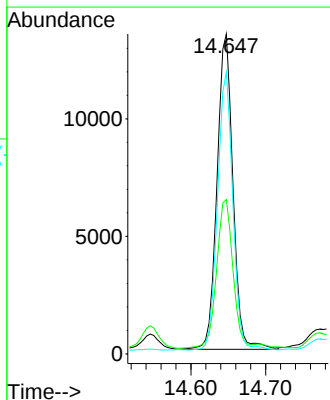
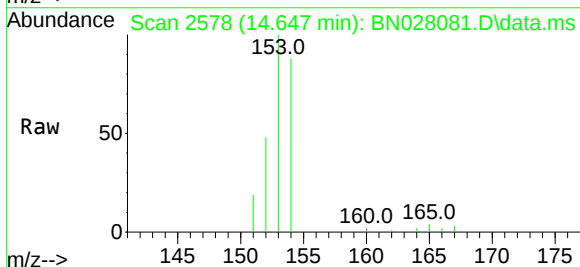
Manual Integrations
APPROVED

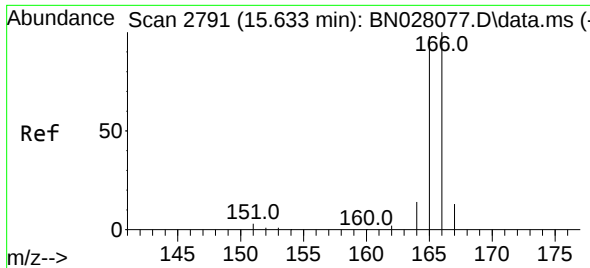
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#11
Acenaphthene
Concen: 0.461 ng/ul
RT: 14.647 min Scan# 2578
Delta R.T. 0.005 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

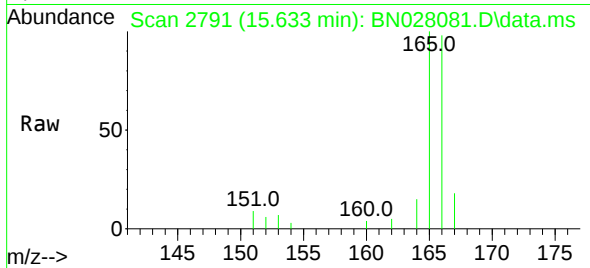
Tgt Ion:153 Resp: 19833
Ion Ratio Lower Upper
153 100
152 48.3 39.4 59.0
154 88.1 70.2 105.4





#12
Fluorene
Concen: 0.276 ng/u1
RT: 15.633 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

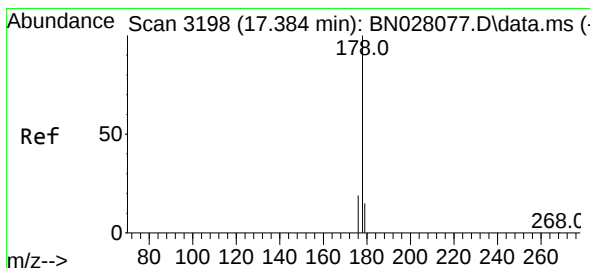
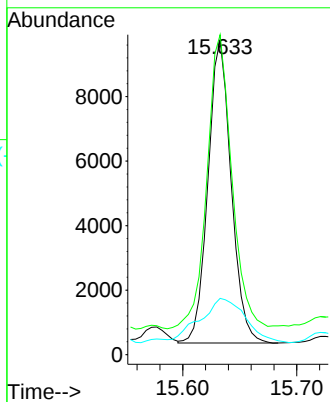
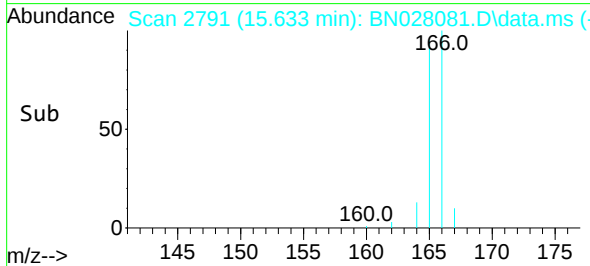
Instrument :
BNA_N
ClientSampleId :
EZYK7DL



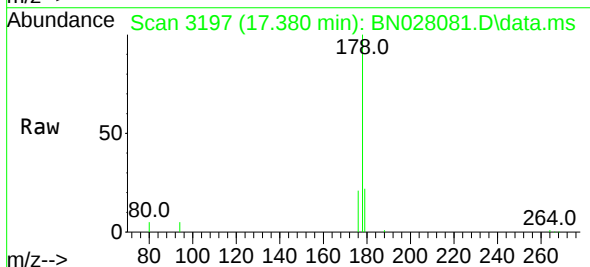
Tgt Ion:166 Resp: 13230
Ion Ratio Lower Upper
166 100
165 101.6 78.5 117.7
167 17.9 11.2 16.8

Manual Integrations
APPROVED

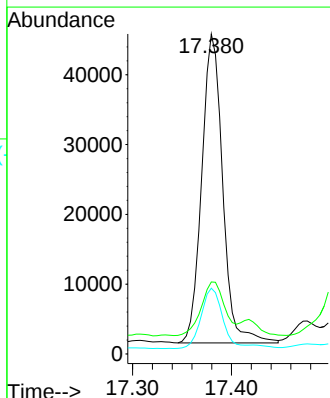
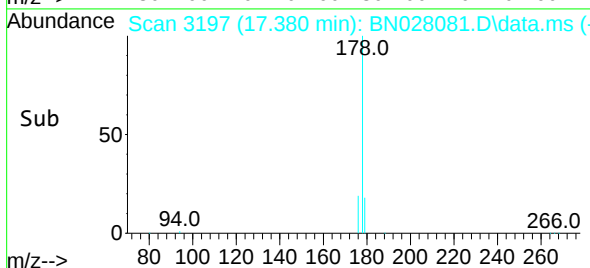
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

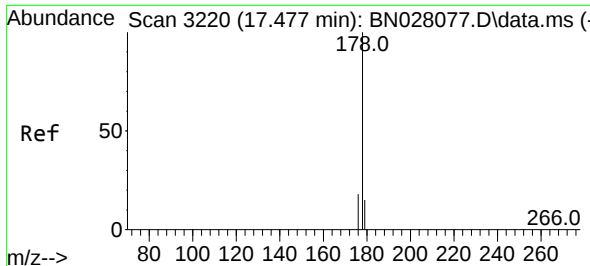


#15
Phenanthrene
Concen: 0.922 ng/u1
RT: 17.380 min Scan# 3197
Delta R.T. 0.004 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48



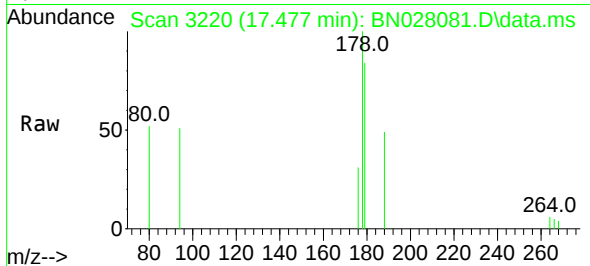
Tgt Ion:178 Resp: 65166
Ion Ratio Lower Upper
178 100
179 22.5 12.6 19.0#
176 20.5 15.5 23.3





#16
 Anthracene
 Concen: 0.069 ng/u1
 RT: 17.477 min Scan# 31
 Delta R.T. 0.008 min
 Lab File: BN028081.D
 Acq: 06 Oct 2023 12:48

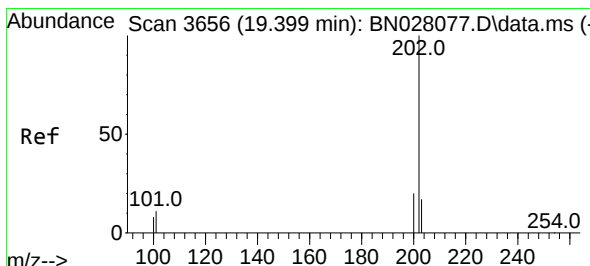
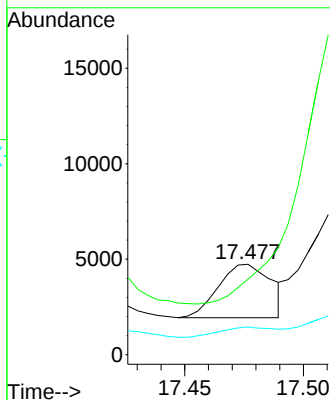
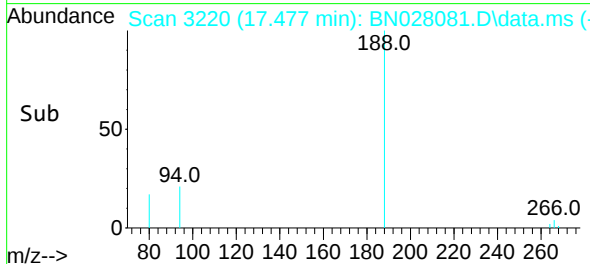
Instrument :
 BNA_N
 ClientSampleId :
 EZYK7DL



Tgt Ion:178 Resp: 434
 Ion Ratio Lower Upper
 178 100
 179 83.9 12.8 19.2
 176 30.7 15.0 22.6

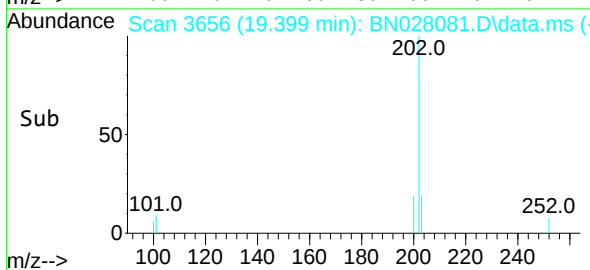
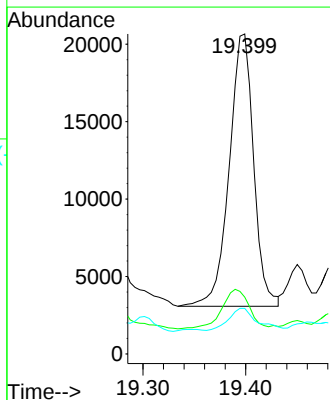
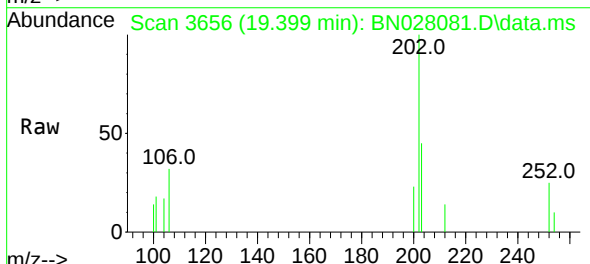
Manual Integrations
 APPROVED

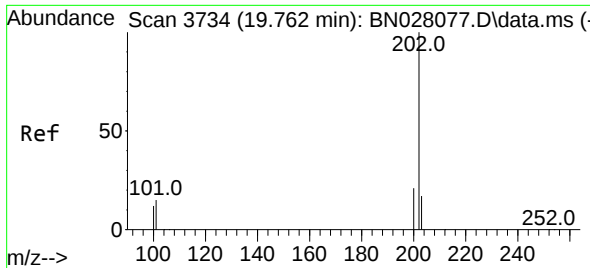
Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023



#19
 Fluoranthene
 Concen: 0.373 ng/u1
 RT: 19.399 min Scan# 3656
 Delta R.T. 0.009 min
 Lab File: BN028081.D
 Acq: 06 Oct 2023 12:48

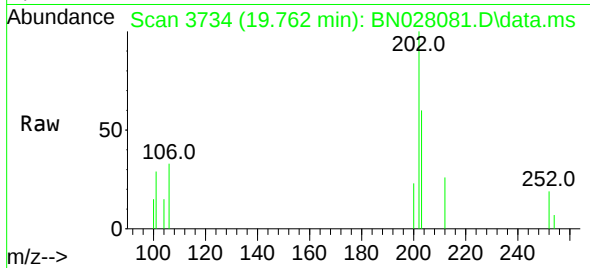
Tgt Ion:202 Resp: 29133
 Ion Ratio Lower Upper
 202 100
 101 17.8 9.6 14.4#
 100 14.3 7.4 11.0#





#20
Pyrene
Concen: 0.487 ng/u1
RT: 19.762 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

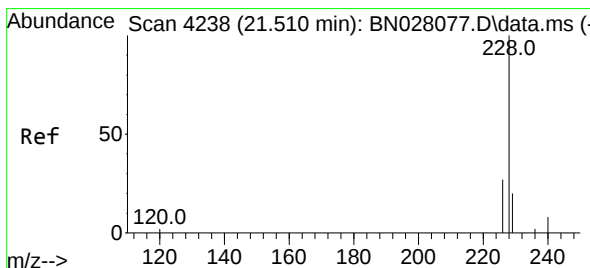
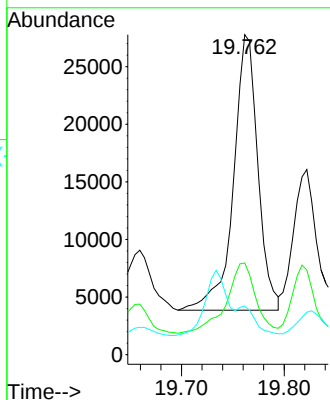
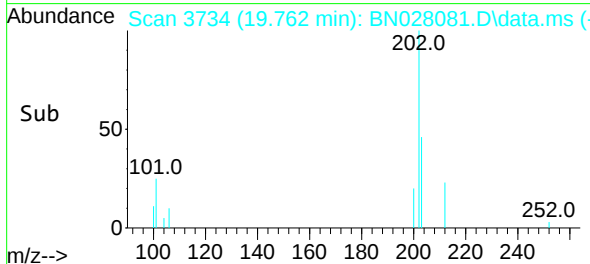
Instrument :
BNA_N
ClientSampleId :
EZYK7DL



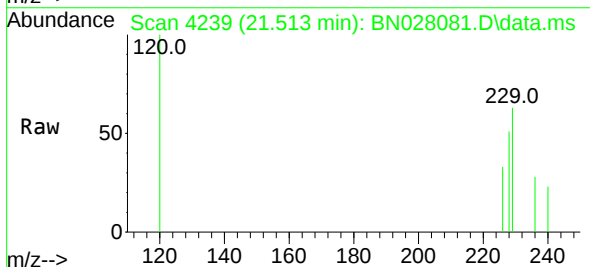
Tgt Ion:202 Resp: 39458
Ion Ratio Lower Upper
202 100
101 28.6 11.2 16.8#
100 15.2 9.1 13.7#

Manual Integrations
APPROVED

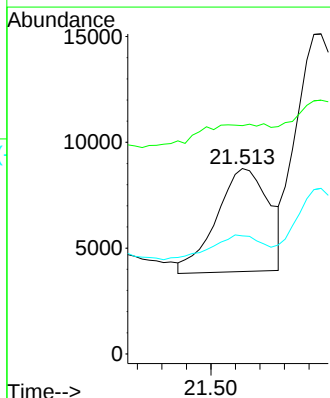
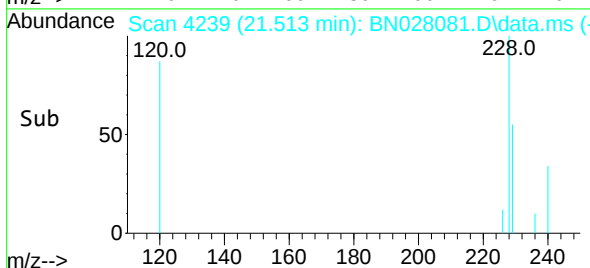
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

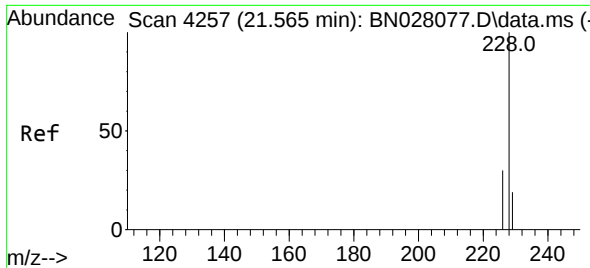


#21
Benzo(a)anthracene
Concen: 0.098 ng/u1
RT: 21.513 min Scan# 4239
Delta R.T. 0.012 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48



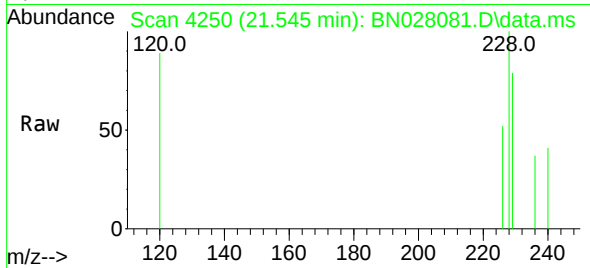
Tgt Ion:228 Resp: 7307
Ion Ratio Lower Upper
228 100
229 123.1 16.0 24.0#
226 63.7 21.5 32.3#





#22
Chrysene
Concen: 0.376 ng/ul m
RT: 21.545 min Scan# 4257
Delta R.T. -0.012 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

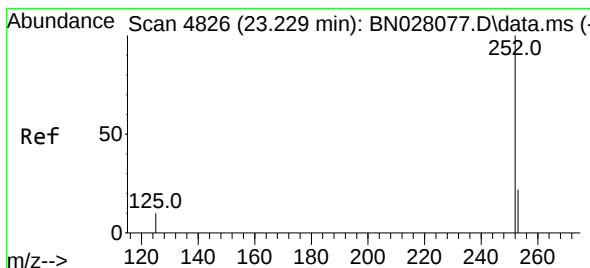
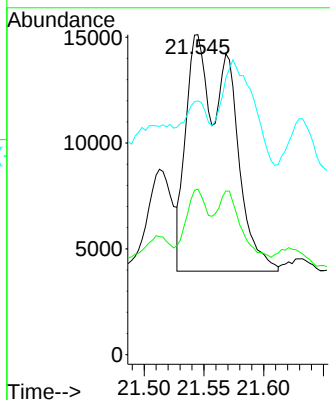
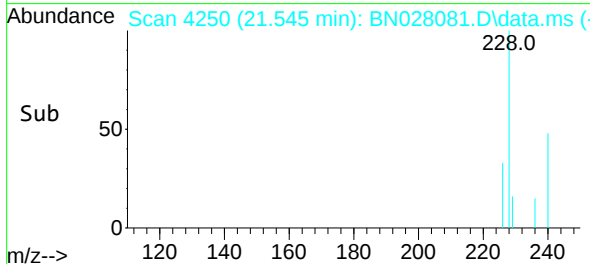
Instrument :
BNA_N
ClientSampleId :
EZYK7DL



Tgt Ion:228 Resp: 2834
Ion Ratio Lower Upper
228 100
226 51.7 23.8 35.8#
229 79.3 16.0 24.0#

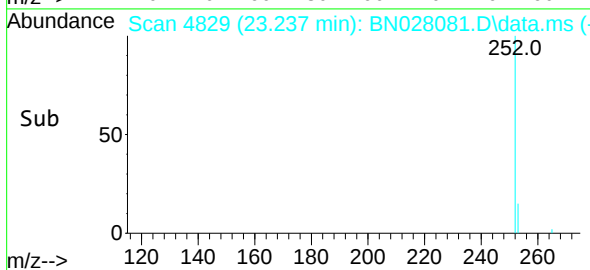
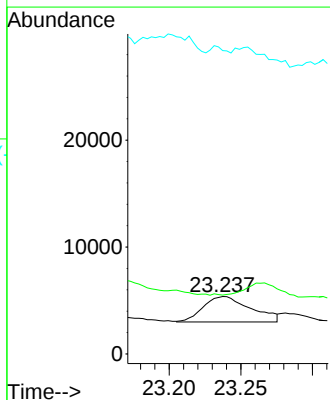
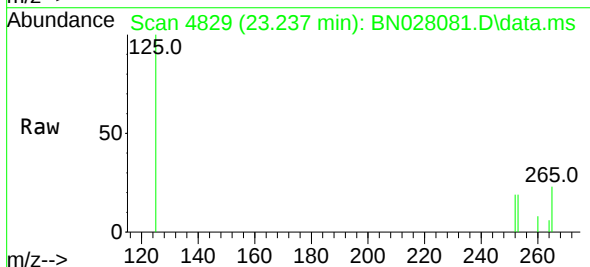
Manual Integrations
APPROVED

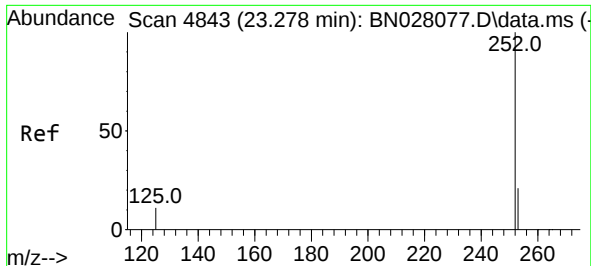
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#24
Benzo(b)fluoranthene
Concen: 0.065 ng/ul m
RT: 23.237 min Scan# 4829
Delta R.T. 0.020 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

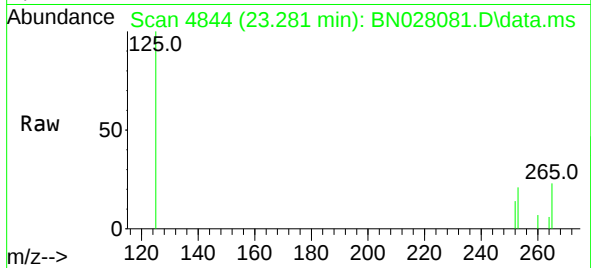
Tgt Ion:252 Resp: 5524
Ion Ratio Lower Upper
252 100
253 102.7 0.0 54.0#
125 528.5 0.0 31.4#





#25
Benzo(k)fluoranthene
Concen: 0.023 ng/ul m
RT: 23.281 min Scan# 4843
Delta R.T. 0.015 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

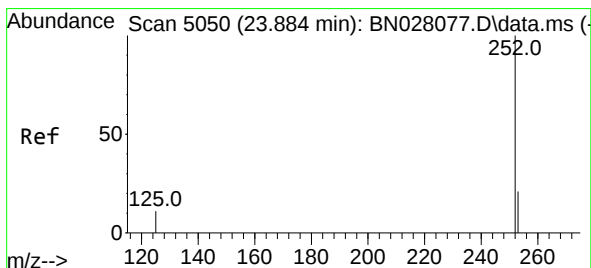
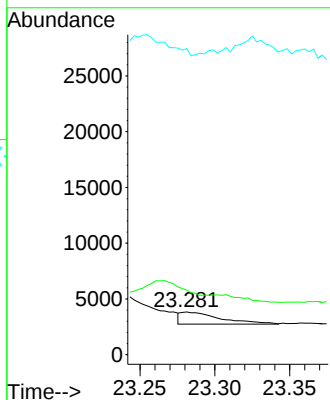
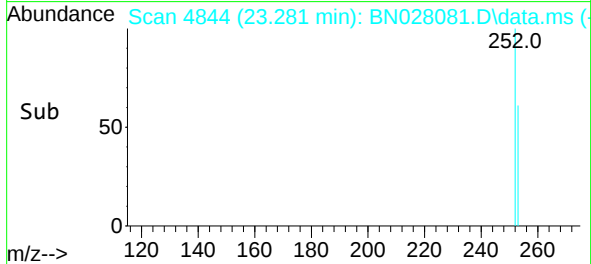
Instrument :
BNA_N
ClientSampleId :
EZYK7DL



Tgt Ion:252 Resp: 1949
Ion Ratio Lower Upper
252 100
253 151.3 21.8 32.8#
125 715.6 12.8 19.2#

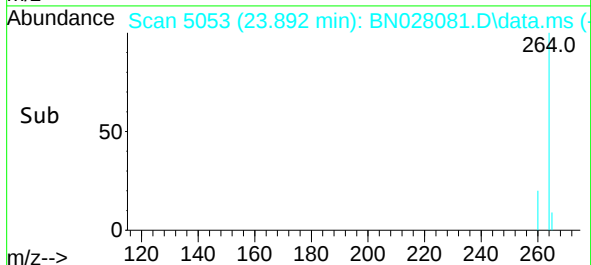
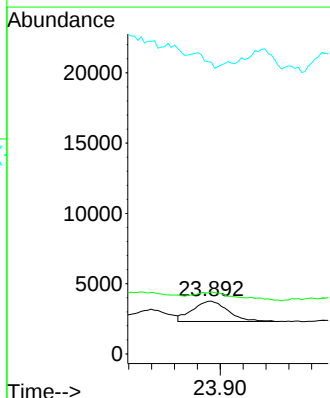
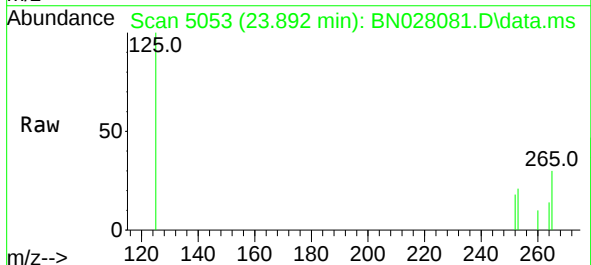
Manual Integrations
APPROVED

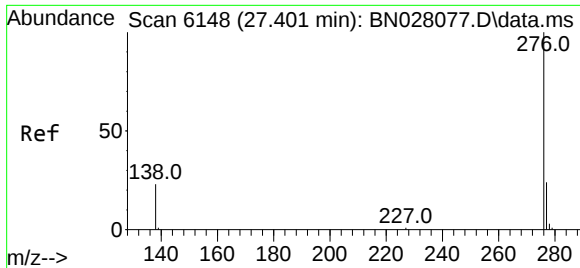
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#26
Benzo(a)pyrene
Concen: 0.043 ng/ul
RT: 23.892 min Scan# 5053
Delta R.T. 0.023 min
Lab File: BN028081.D
Acq: 06 Oct 2023 12:48

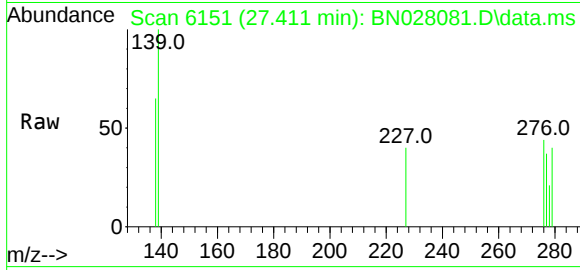
Tgt Ion:252 Resp: 3124
Ion Ratio Lower Upper
252 100
253 117.7 23.4 35.2#
125 553.0 15.3 22.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.032 ng/ul
 RT: 27.411 min Scan# 61
 Delta R.T. 0.034 min
 Lab File: BN028081.D
 Acq: 06 Oct 2023 12:48

Instrument :
 BNA_N
 ClientSampleId :
 EZYK7DL



Tgt Ion:	276	Resp:	230
Ion	Ratio	Lower	Upper
276	100		
138	146.1	19.8	29.6
277	84.3	20.6	31.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

