

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028068.D
 Acq On : 06 Oct 2023 03:40
 Operator : MA/JU
 Sample : 04469-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYL9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 05:15:52 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	7.937	152	5778	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	17618	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.578	164	9633	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.333	188	19569	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.519	240	16779	0.400	ng/ul	# 0.00
23) Perylene-d12	23.986	264	18260	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	17816	2.455	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	4680	0.165	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	9120	0.171	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.801	128	7732	0.155	ng/ul	96
7) 2-Methylnaphthalene	12.412	142	6287	0.199	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	3369	0.103	ng/ul	99
10) Acenaphthylene	14.310	152	6111	0.140	ng/ul#	86
11) Acenaphthene	14.643	153	3528	0.101	ng/ul	96
12) Fluorene	15.628	166	3085	0.080	ng/ul#	86
15) Phenanthrene	17.375	178	86284	1.479	ng/ul	99
16) Anthracene	17.468	178	21334	0.409	ng/ul#	94
19) Fluoranthene	19.390	202	158856	2.479	ng/ul	99
20) Pyrene	19.757	202	149216	2.247	ng/ul	100
21) Benzo(a)anthracene	21.501	228	85064	1.389	ng/ul#	92
22) Chrysene	21.557	228	115377m	1.865	ng/ul	
24) Benzo(b)fluoranthene	23.220	252	176041m	2.600	ng/ul	
25) Benzo(k)fluoranthene	23.266	252	63692m	0.945	ng/ul	
26) Benzo(a)pyrene	23.875	252	106292	1.841	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.579	276	98344	1.408	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.592	278	28597	0.503	ng/ul#	1
29) Benzo(g,h,i)perylene	27.397	276	119346	2.090	ng/ul#	83

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

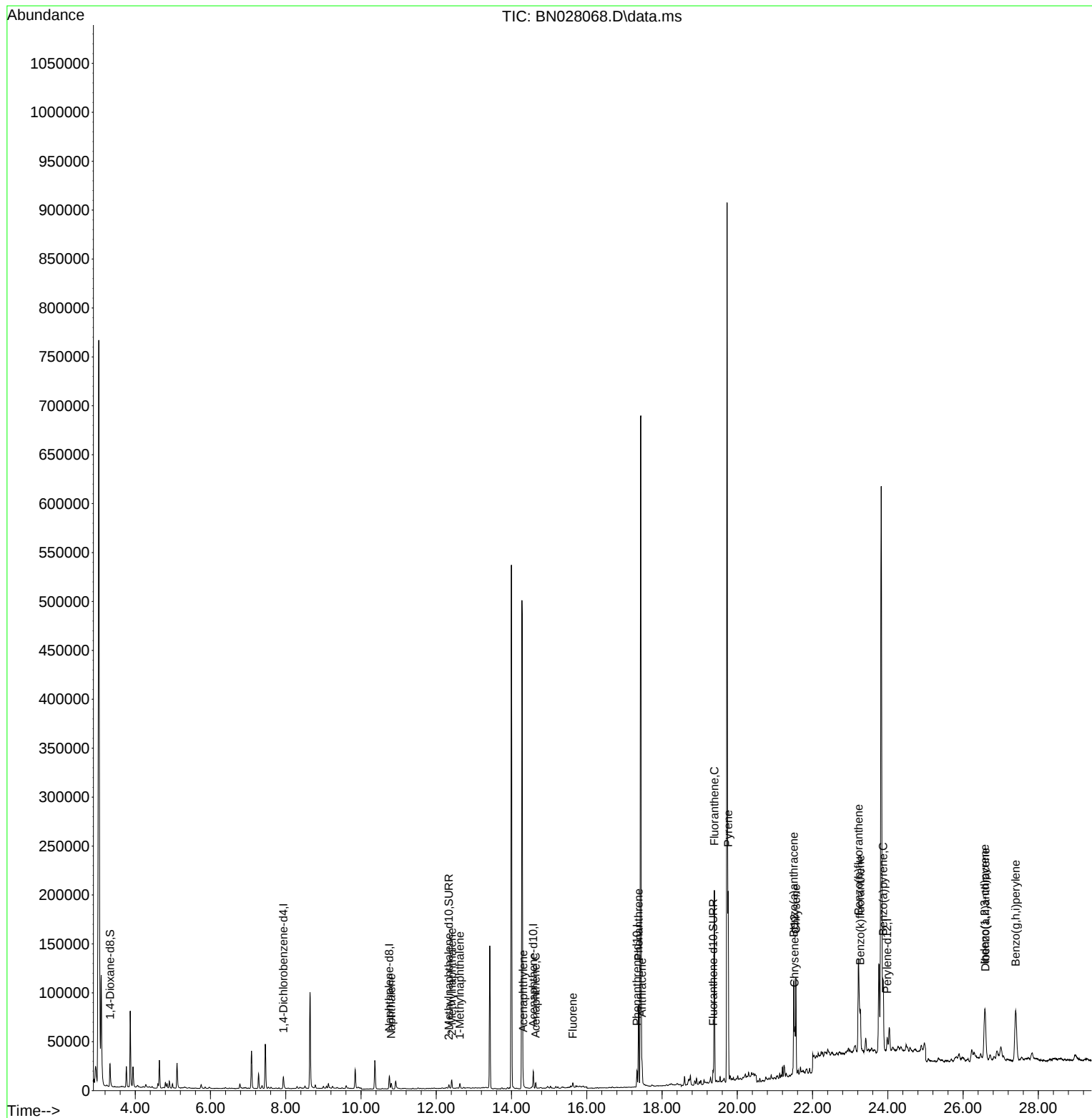
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028068.D
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Operator : MA/JU
Sample : 04469-03
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ALS Vial : 21 Sample Multiplier: 1

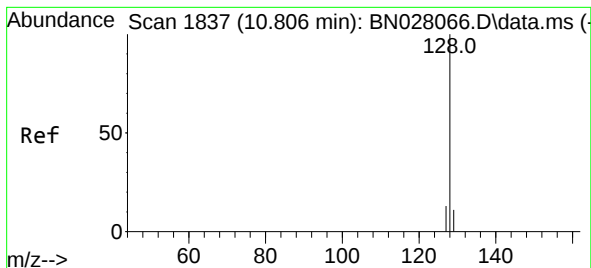
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#5

Naphthalene

Concen: 0.155 ng/ul

RT: 10.801 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BN028068.D

Acq: 06 Oct 2023 03:40

Instrument :

BNA_N

ClientSampleId :

EZYL9

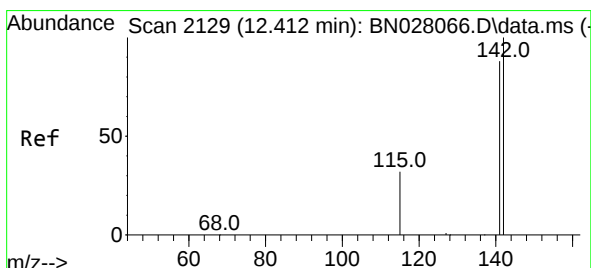
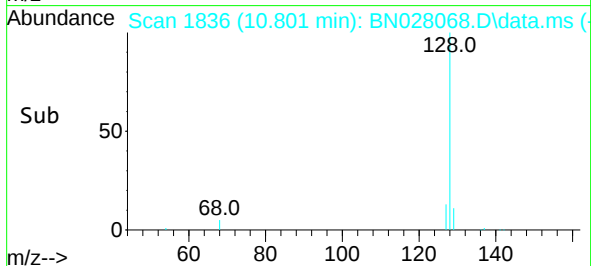
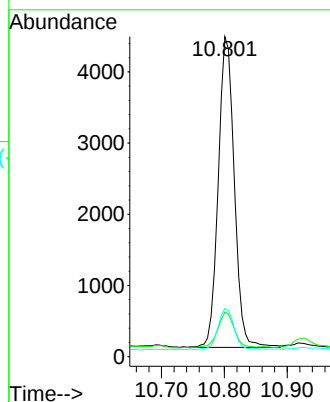
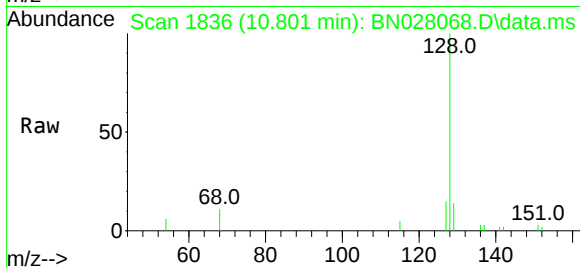
Tgt Ion:128	Resp:	773
Ion Ratio	Lower	Upper
128	100	
129	14.0	9.4 14.0
127	15.0	11.0 16.4

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.199 ng/ul

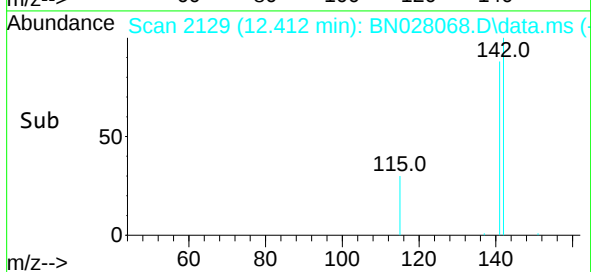
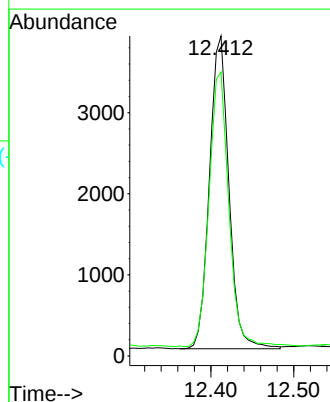
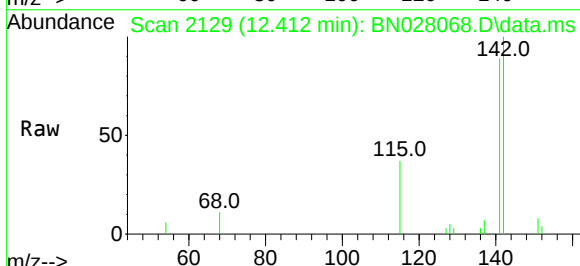
RT: 12.412 min Scan# 2129

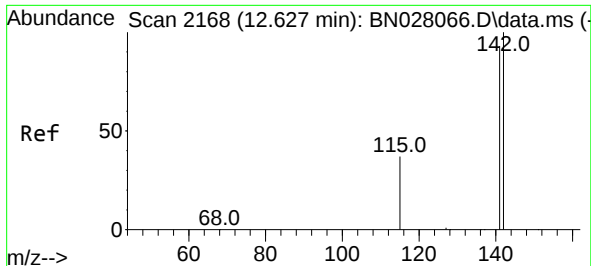
Delta R.T. -0.000 min

Lab File: BN028068.D

Acq: 06 Oct 2023 03:40

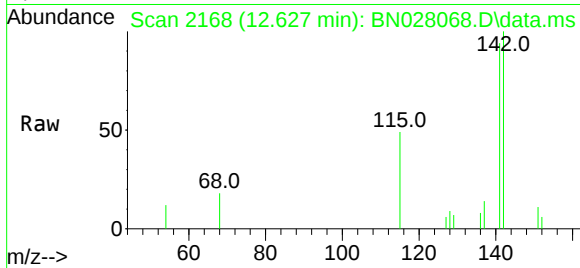
Tgt Ion:142	Resp:	6287
Ion Ratio	Lower	Upper
142	100	
141	89.0	70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.627 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

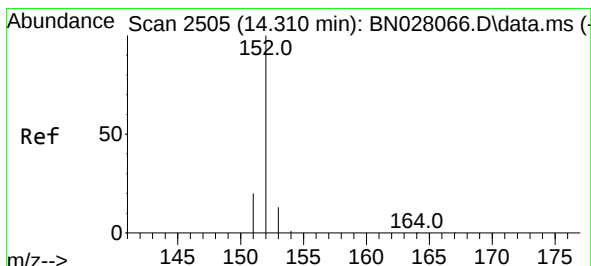
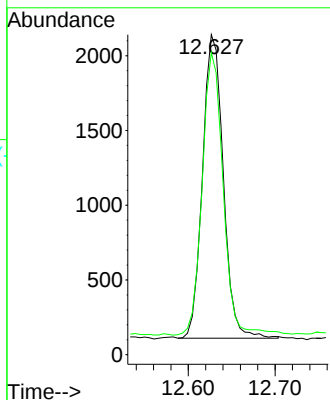
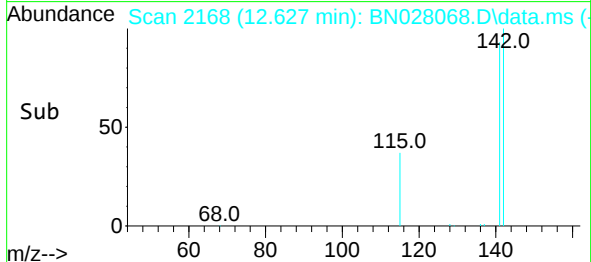
Instrument :
BNA_N
ClientSampleId :
EZYL9



Tgt Ion:142 Resp: 3369
Ion Ratio Lower Upper
142 100
141 93.7 74.4 111.6

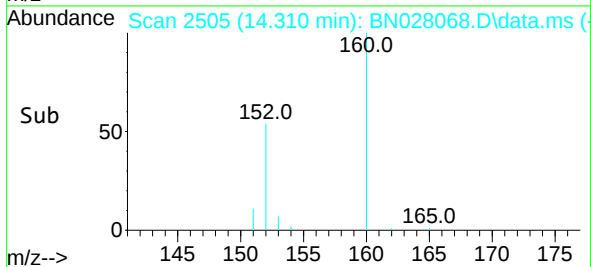
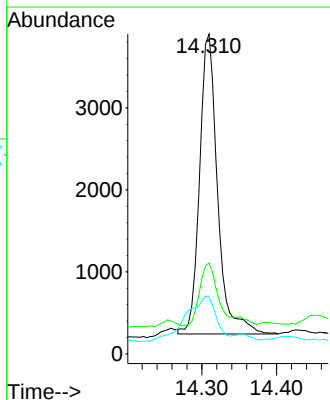
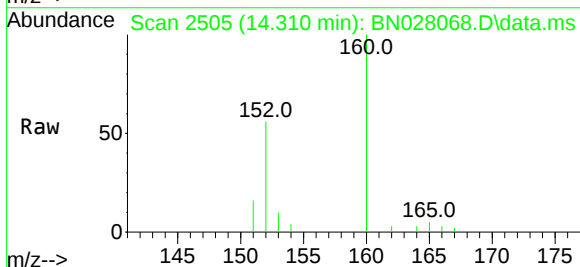
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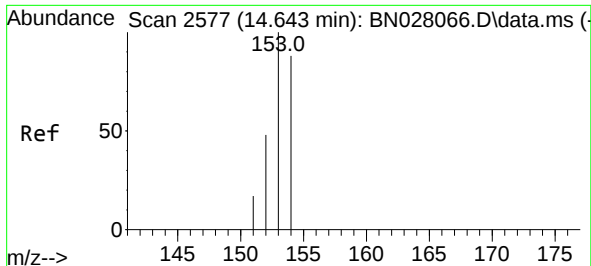
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#10
Acenaphthylene
Concen: 0.140 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

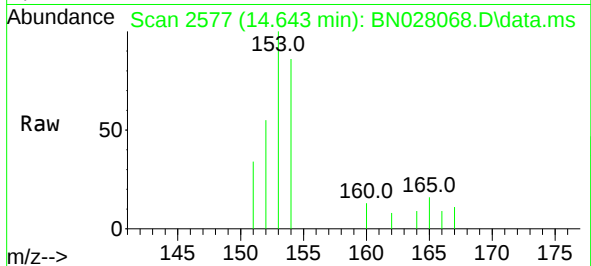
Tgt Ion:152 Resp: 6111
Ion Ratio Lower Upper
152 100
151 28.4 16.4 24.6#
153 17.7 10.9 16.3#





#11
Acenaphthene
Concen: 0.101 ng/u1
RT: 14.643 min Scan# 2577
Delta R.T. -0.000 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

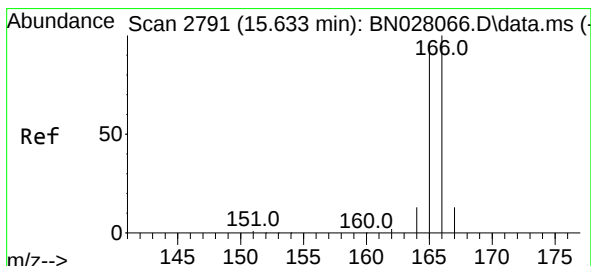
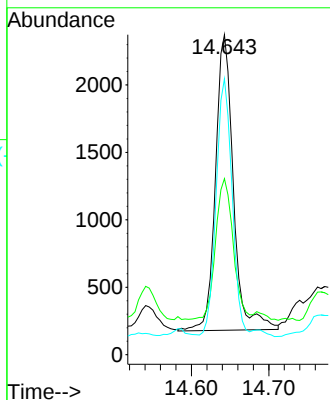
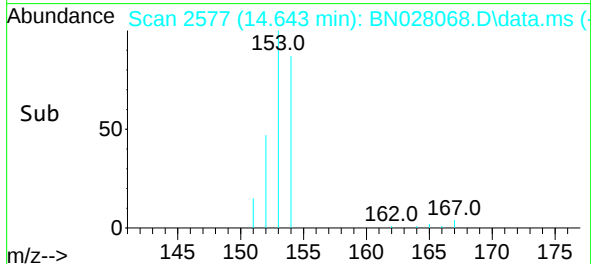
Instrument :
BNA_N
ClientSampleId :
EZYL9



Tgt Ion:153 Resp: 3528
Ion Ratio Lower Upper
153 100
152 55.0 39.4 59.0
154 86.2 70.2 105.4

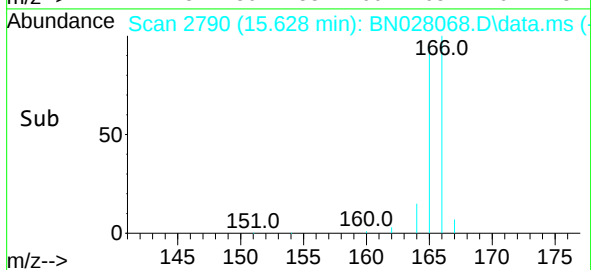
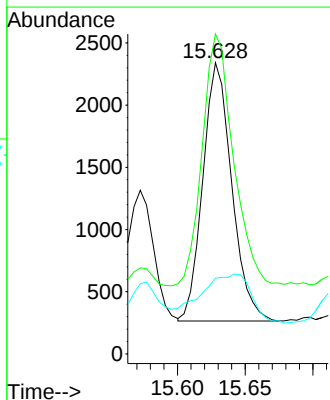
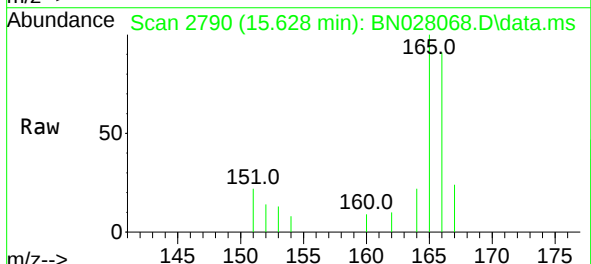
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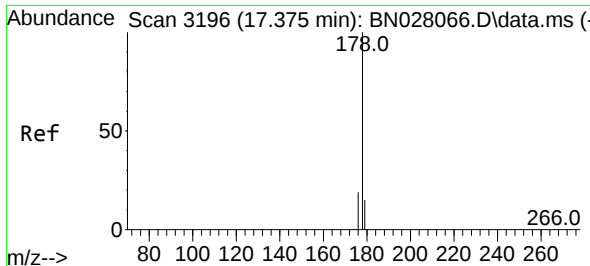
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#12
Fluorene
Concen: 0.080 ng/u1
RT: 15.628 min Scan# 2790
Delta R.T. -0.005 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

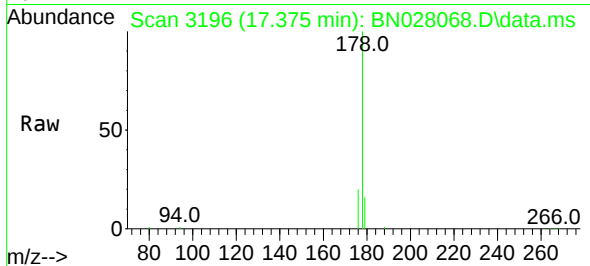
Tgt Ion:166 Resp: 3085
Ion Ratio Lower Upper
166 100
165 109.9 78.5 117.7
167 26.0 11.2 16.8#





#15
Phenanthrene
Concen: 1.479 ng/ul
RT: 17.375 min Scan# 3196
Delta R.T. -0.000 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

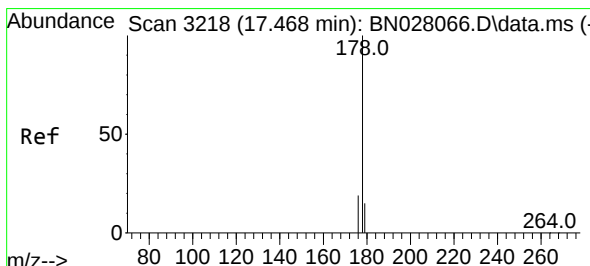
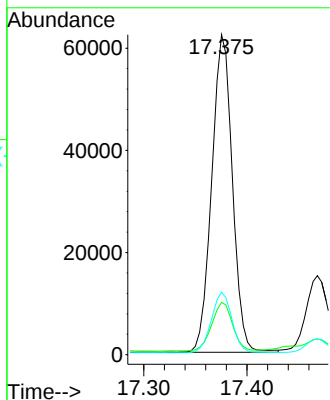
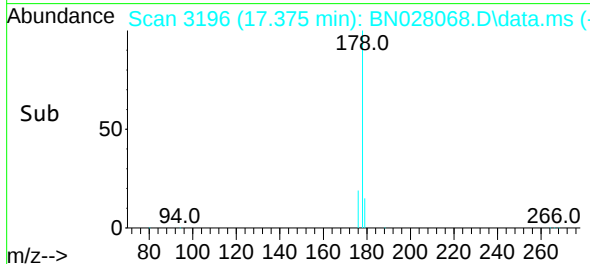
Instrument :
BNA_N
ClientSampleId :
EZYL9



Tgt Ion:178 Resp: 86284
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 19.6 15.5 23.3

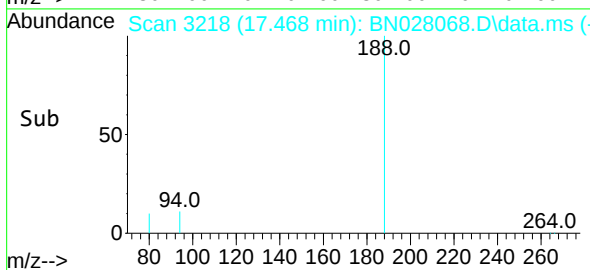
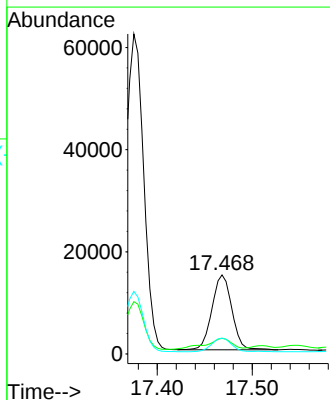
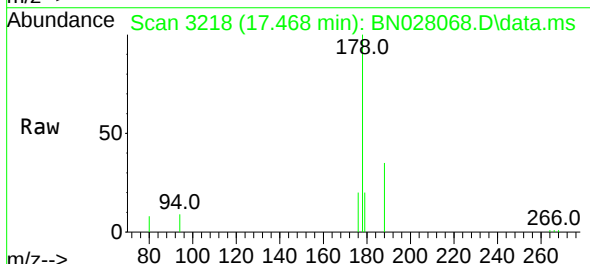
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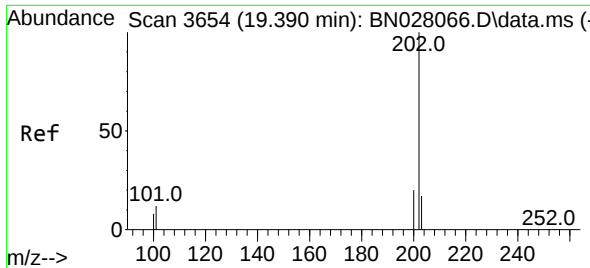
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#16
Anthracene
Concen: 0.409 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.000 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

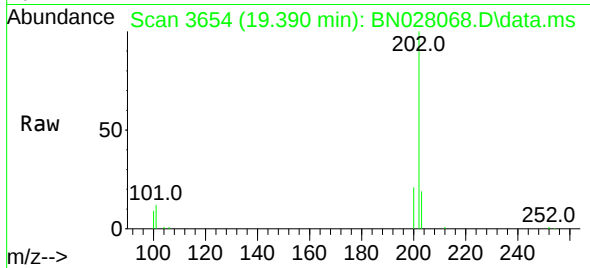
Tgt Ion:178 Resp: 21334
Ion Ratio Lower Upper
178 100
179 19.8 12.8 19.2#
176 20.1 15.0 22.6





#19
Fluoranthene
Concen: 2.479 ng/u1
RT: 19.390 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

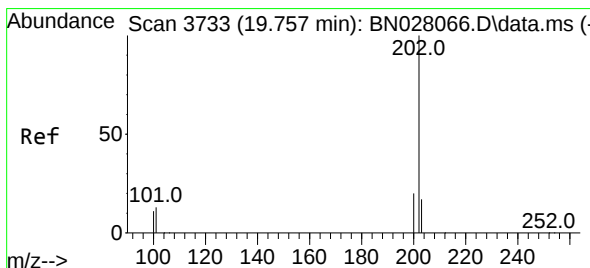
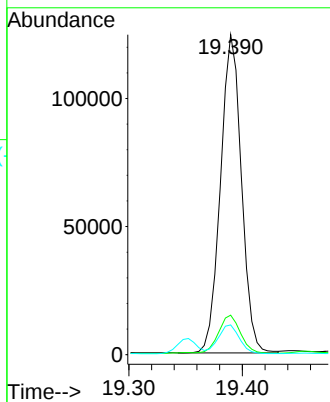
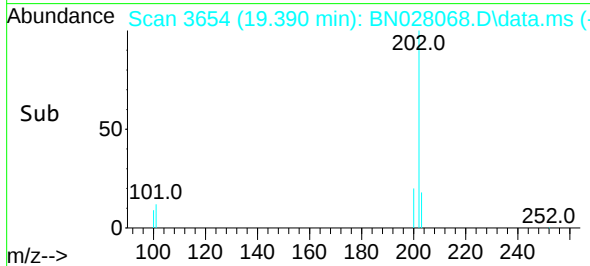
Instrument :
BNA_N
ClientSampleId :
EZY9



Tgt Ion:202 Resp: 158850
Ion Ratio Lower Upper
202 100
101 12.4 9.6 14.4
100 9.3 7.4 11.0

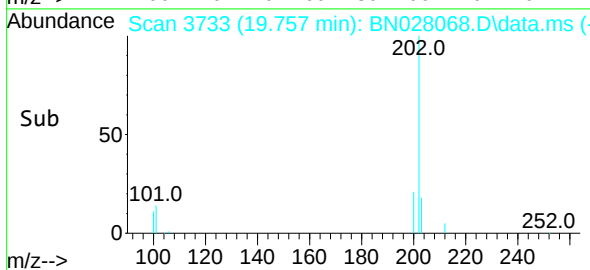
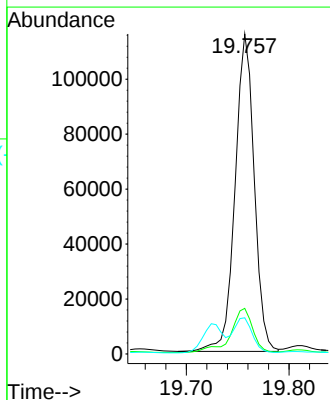
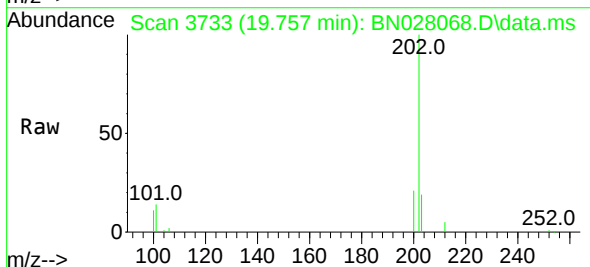
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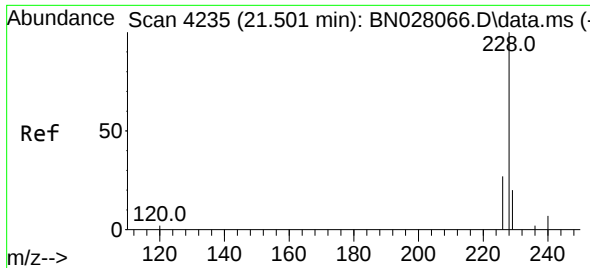
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#20
Pyrene
Concen: 2.247 ng/u1
RT: 19.757 min Scan# 3733
Delta R.T. -0.000 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

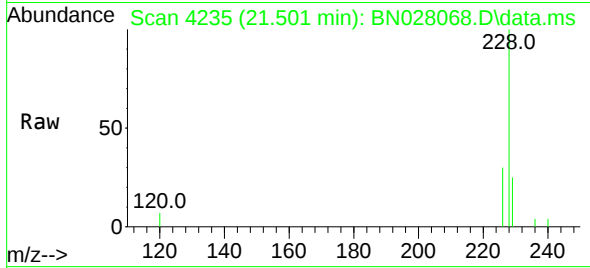
Tgt Ion:202 Resp: 149216
Ion Ratio Lower Upper
202 100
101 14.3 11.2 16.8
100 11.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.389 ng/ul
RT: 21.501 min Scan# 4235
Delta R.T. -0.000 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

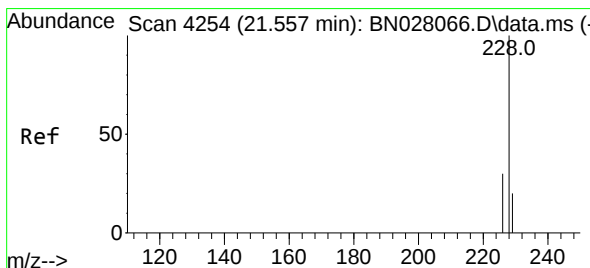
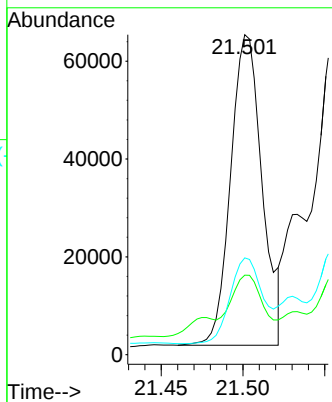
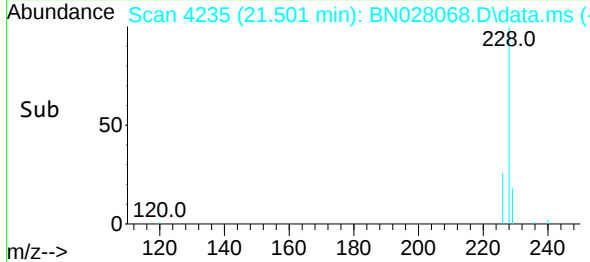
Instrument :
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EZYL9



Tgt Ion:228 Resp: 85064
Ion Ratio Lower Upper
228 100
229 24.9 16.0 24.0
226 30.3 21.5 32.3

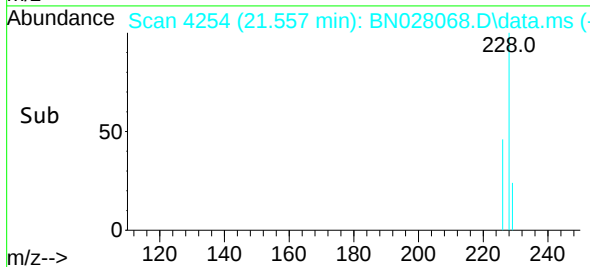
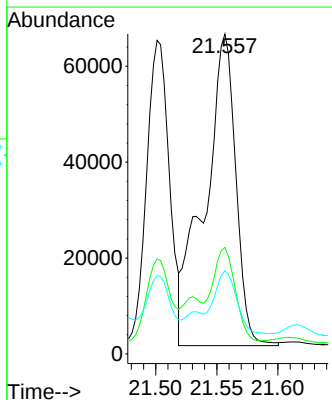
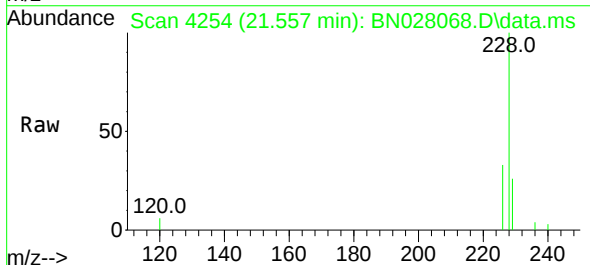
Manual Integrations
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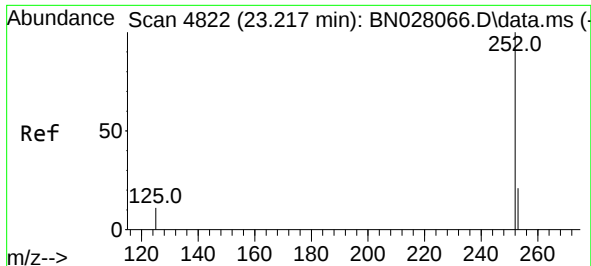
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#22
Chrysene
Concen: 1.865 ng/ul m
RT: 21.557 min Scan# 4254
Delta R.T. -0.000 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

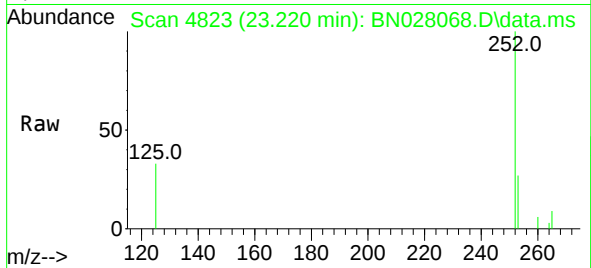
Tgt Ion:228 Resp: 115377
Ion Ratio Lower Upper
228 100
226 33.3 23.8 35.8
229 26.0 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 2.600 ng/ul m
RT: 23.220 min Scan# 4822
Delta R.T. 0.003 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

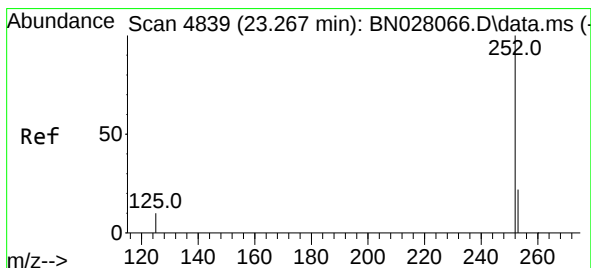
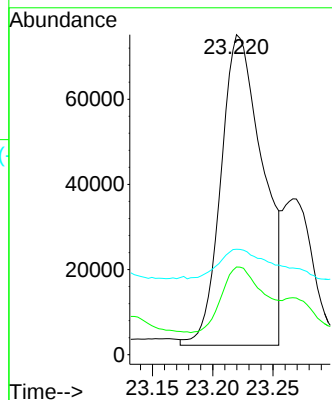
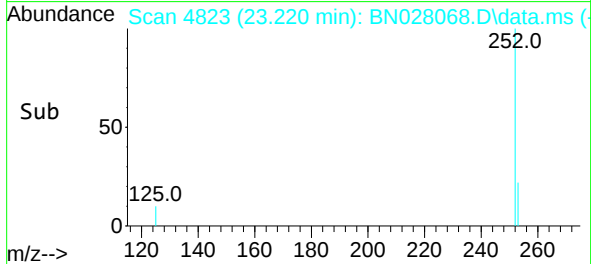
Instrument :
BNA_N
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EZYL9



Tgt Ion:252 Resp: 17604
Ion Ratio Lower Upper
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253 27.4 0.0 54.0
125 32.9 0.0 31.4

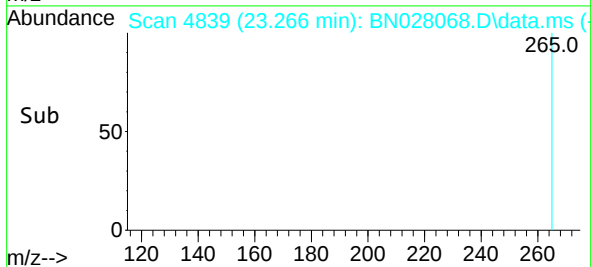
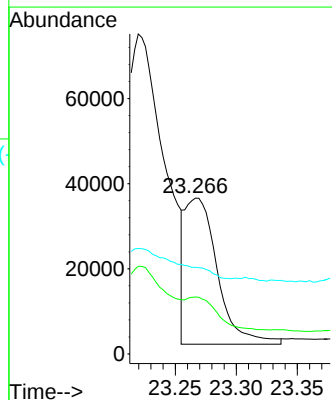
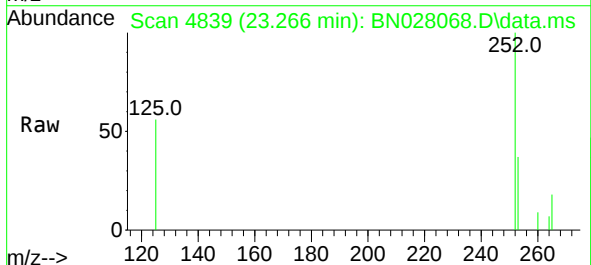
Manual Integrations
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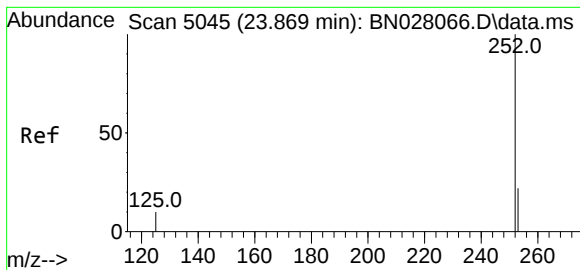
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#25
Benzo(k)fluoranthene
Concen: 0.945 ng/ul m
RT: 23.266 min Scan# 4839
Delta R.T. -0.000 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

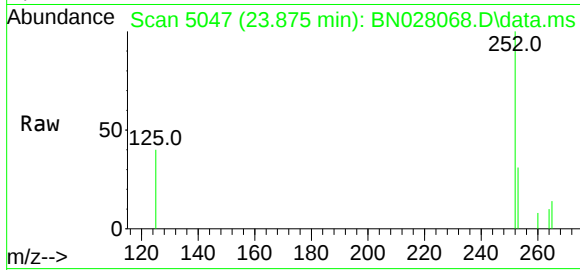
Tgt Ion:252 Resp: 63692
Ion Ratio Lower Upper
252 100
253 36.6 21.8 32.8#
125 55.7 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.841 ng/ul
RT: 23.875 min Scan# 5045
Delta R.T. 0.006 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

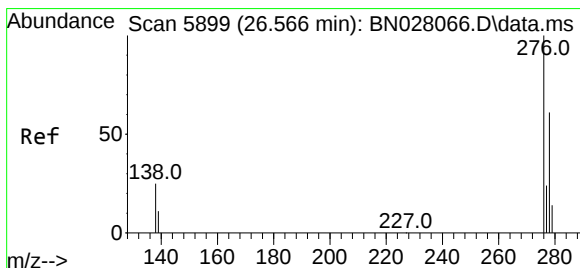
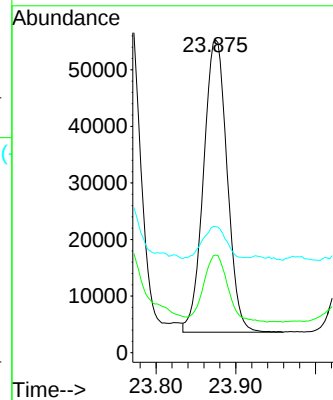
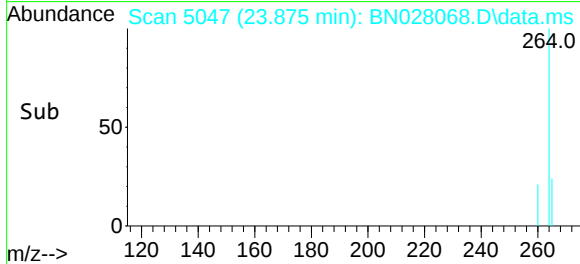
Instrument :
BNA_N
ClientSampleId :
EZYL9



Tgt Ion:252 Resp: 106292
Ion Ratio Lower Upper
252 100
253 31.2 23.4 35.2
125 40.3 15.3 22.9

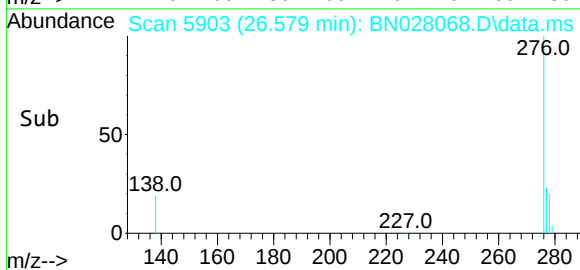
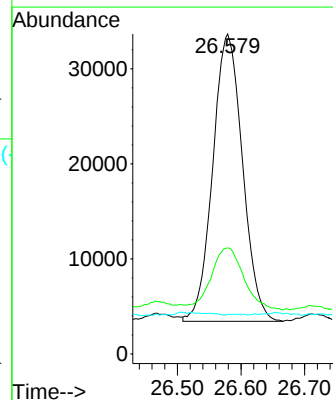
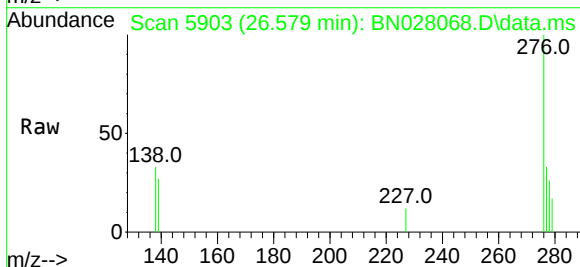
Manual Integrations
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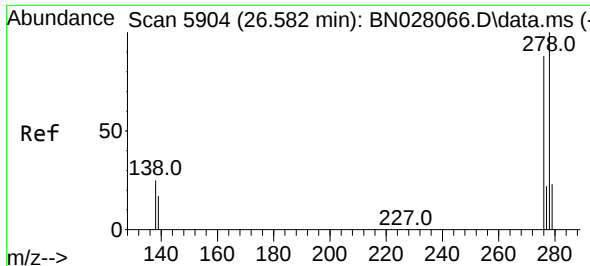
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.408 ng/ul
RT: 26.579 min Scan# 5903
Delta R.T. 0.013 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

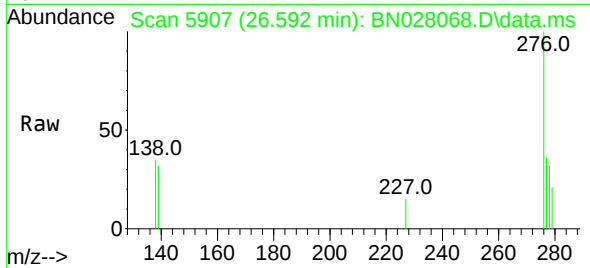
Tgt Ion:276 Resp: 98344
Ion Ratio Lower Upper
276 100
138 23.4 21.6 32.4
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.503 ng/ul
RT: 26.592 min Scan# 5907
Delta R.T. 0.010 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

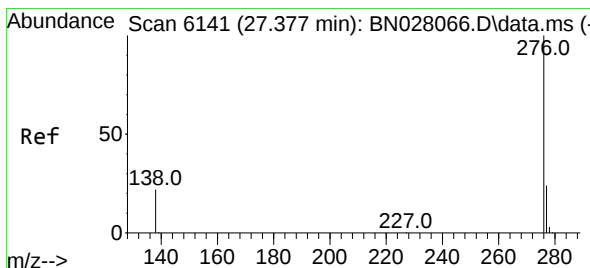
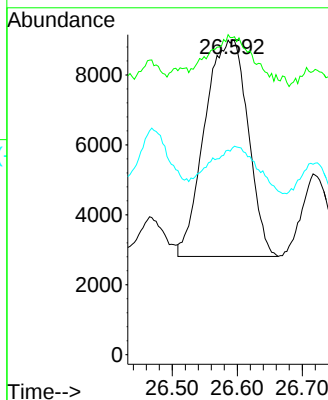
Instrument :
BNA_N
ClientSampleId :
EZYL9



Tgt Ion:278 Resp: 28597
Ion Ratio Lower Upper
278 100
139 100.7 15.9 23.9#
279 65.6 22.8 34.2#

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Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#29
Benzo(g,h,i)perylene
Concen: 2.090 ng/ul
RT: 27.397 min Scan# 6147
Delta R.T. 0.020 min
Lab File: BN028068.D
Acq: 06 Oct 2023 03:40

Tgt Ion:276 Resp: 119346
Ion Ratio Lower Upper
276 100
138 34.5 19.8 29.6#
277 33.1 20.6 31.0#

