

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027883.D
 Acq On : 27 Sep 2023 04:45
 Operator : MA/JU
 Sample : 04472-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EYZE9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 27 05:15:13 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 : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	7448	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	27177	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	17393	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	39907	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	36999	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	41022	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	14716	1.569	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	4508	0.109	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	12753	0.113	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.828	128	32149	0.414	ng/ul	99
7) 2-Methylnaphthalene	12.434	142	18393	0.373	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	14223	0.280	ng/ul	99
10) Acenaphthylene	14.333	152	41612	0.548	ng/ul	99
11) Acenaphthene	14.666	153	17435	0.265	ng/ul	98
12) Fluorene	15.651	166	29189	0.378	ng/ul	98
15) Phenanthrene	17.396	178	528333	4.213	ng/ul	99
16) Anthracene	17.489	178	81161	0.773	ng/ul	99
19) Fluoranthene	19.413	202	819550	5.478	ng/ul	99
20) Pyrene	19.780	202	722446	4.687	ng/ul	98
21) Benzo(a)anthracene	21.521	228	394807	2.758	ng/ul	99
22) Chrysene	21.577	228	392419	2.653	ng/ul	97
24) Benzo(b)fluoranthene	23.246	252	565006m	3.090	ng/ul	
25) Benzo(k)fluoranthene	23.293	252	226614m	1.279	ng/ul	
26) Benzo(a)pyrene	23.901	252	452625	3.078	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.606	276	319807	1.697	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.616	278	78056	0.514	ng/ul	94
29) Benzo(g,h,i)perylene	27.421	276	296867	1.855	ng/ul	96

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

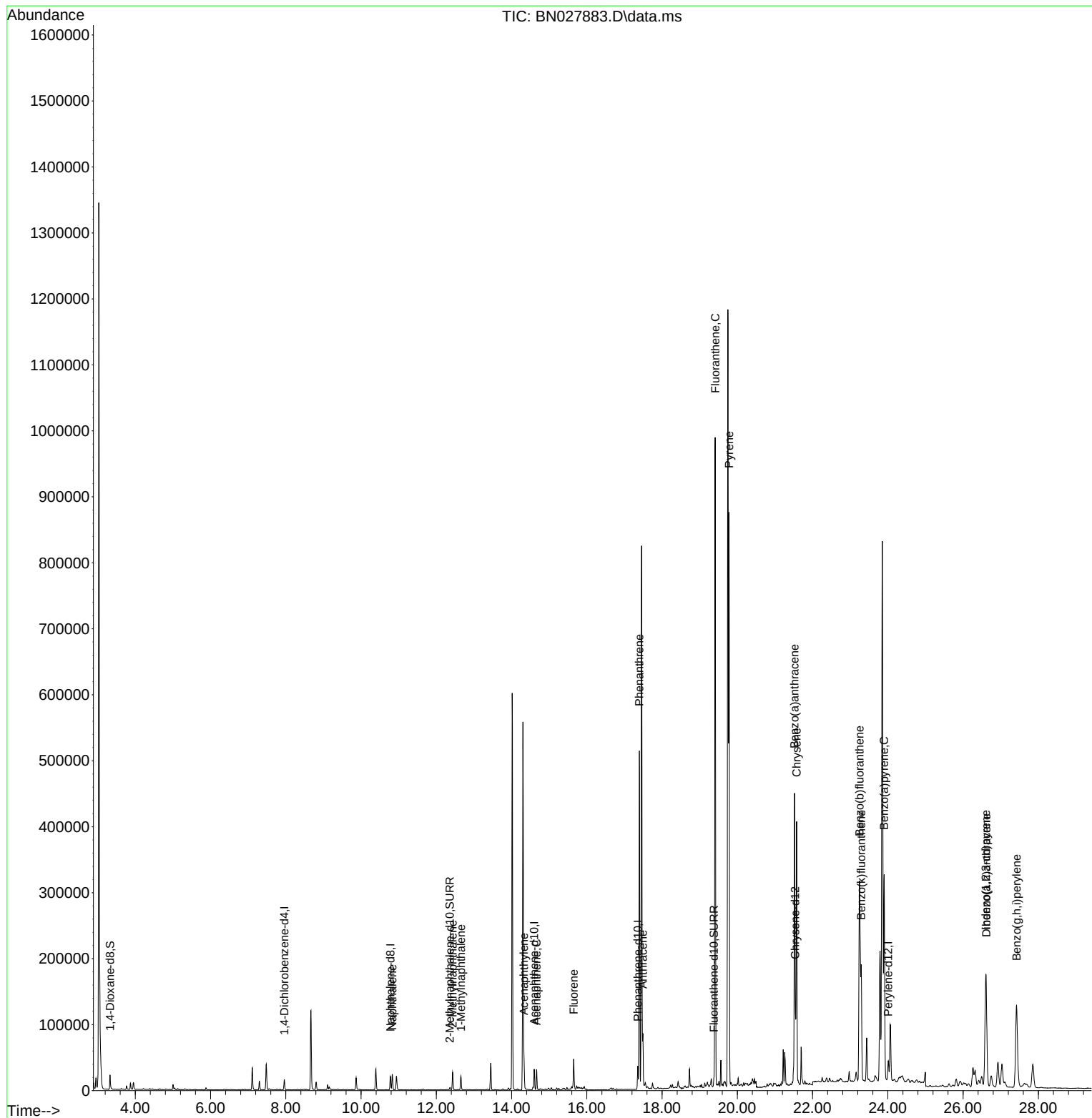
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027883.D
Acq On : 27 Sep 2023 04:45
Operator : MA/JU
Sample : 04472-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

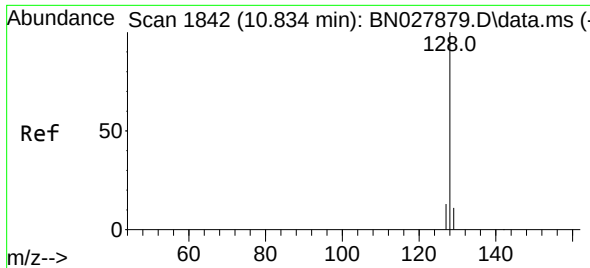
Instrument :
BNA_N
ClientSampleId :
EZY9

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Supervised By :mohammad ahmed 09/28/2023

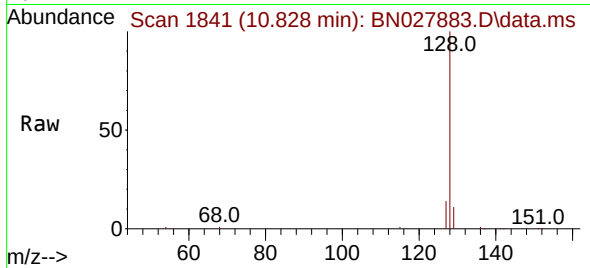
Quant Time: Sep 27 05:15:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.414 ng/ul
RT: 10.828 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

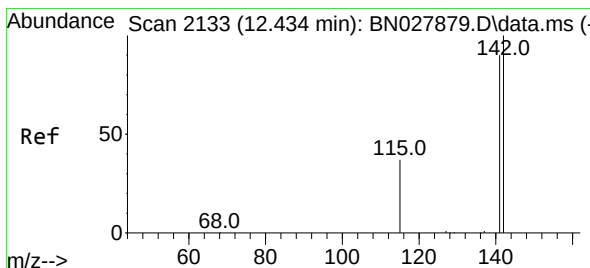
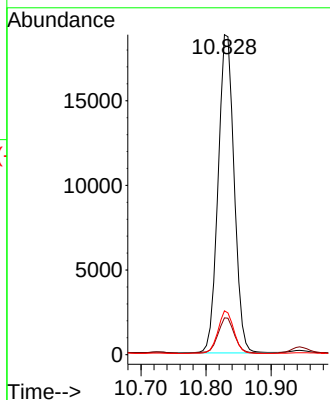
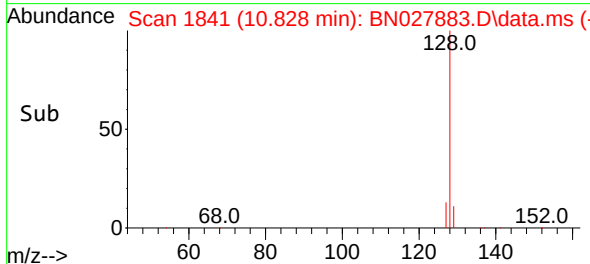
Instrument :
BNA_N
ClientSampleId :
EZY9



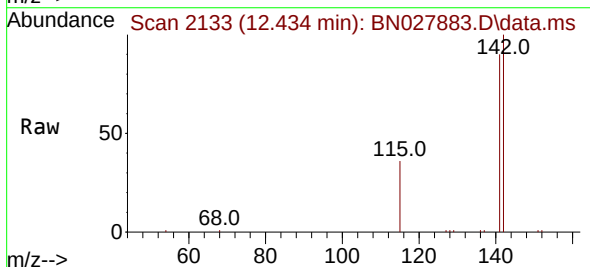
Tgt Ion:128 Resp: 32149
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.7 10.7 16.1

Manual Integrations
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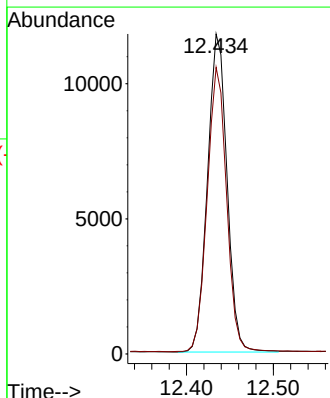
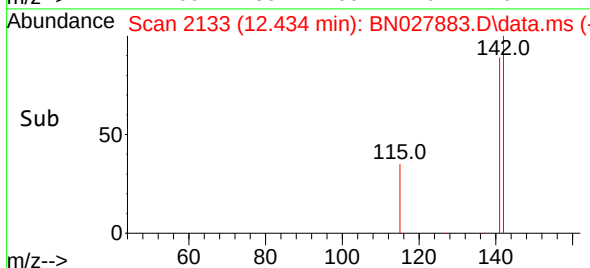
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

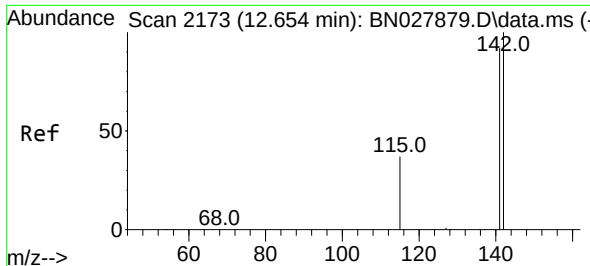


#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45



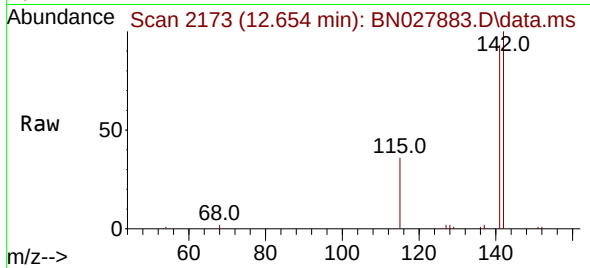
Tgt Ion:142 Resp: 18393
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

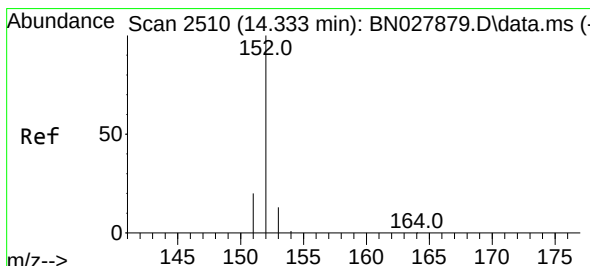
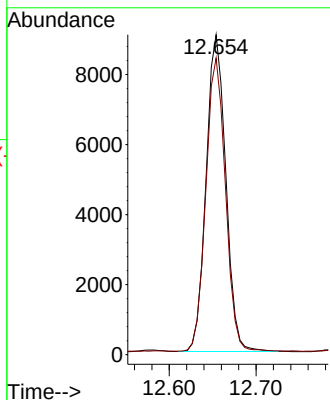
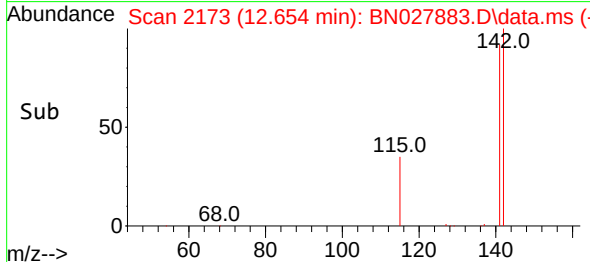
Instrument :
BNA_N
ClientSampleId :
EZY9



Tgt Ion:142 Resp: 1422
Ion Ratio Lower Upper
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141 92.1 72.8 109.2

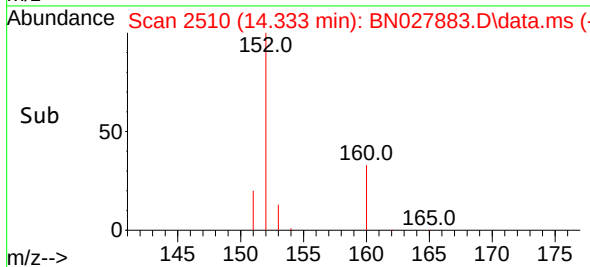
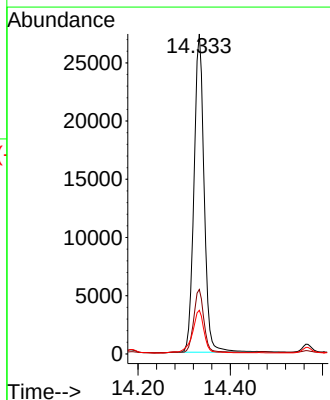
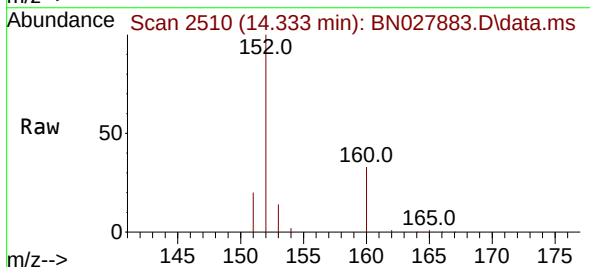
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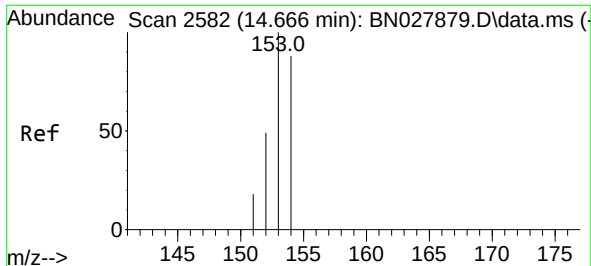
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#10
Acenaphthylene
Concen: 0.548 ng/ul
RT: 14.333 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

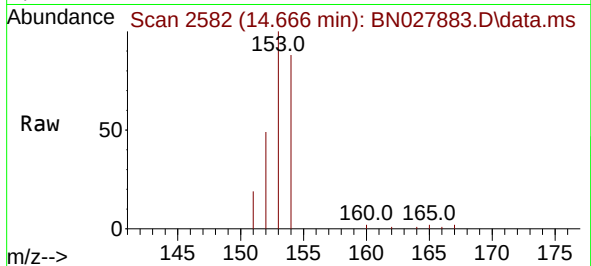
Tgt Ion:152 Resp: 41612
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0
153 13.7 11.0 16.6





#11
Acenaphthene
Concen: 0.265 ng/ul
RT: 14.666 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

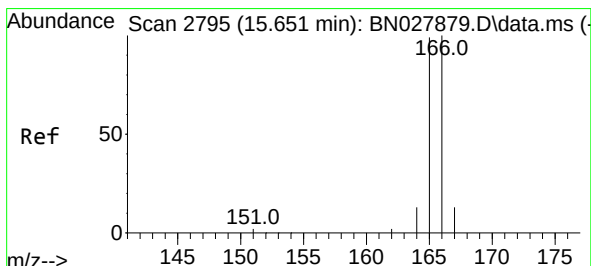
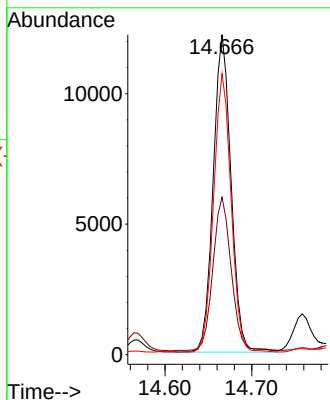
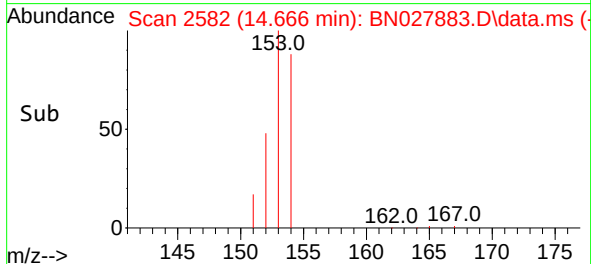
Instrument :
BNA_N
ClientSampleId :
EZY9



Tgt Ion:153 Resp: 17435
Ion Ratio Lower Upper
153 100
152 49.2 41.7 62.5
154 87.8 70.3 105.5

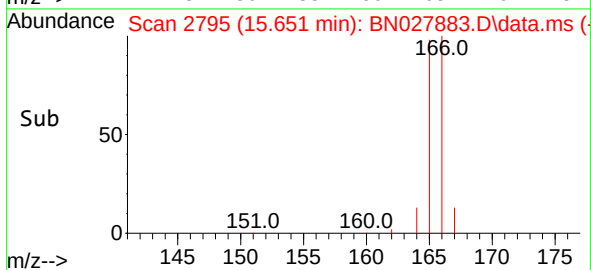
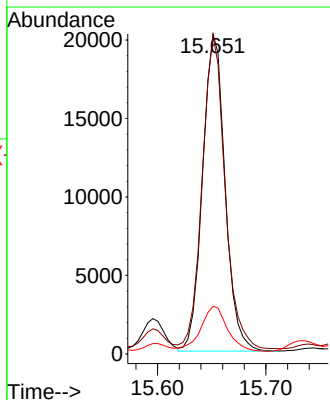
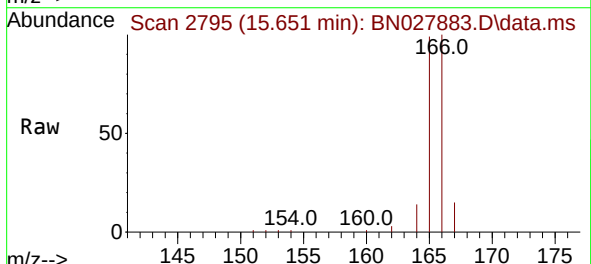
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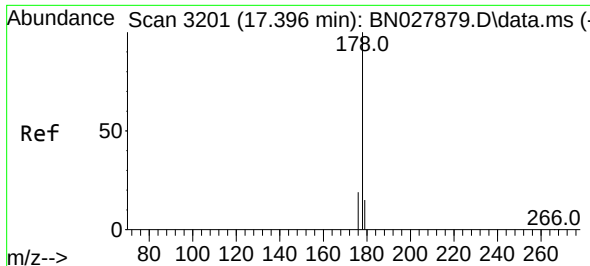
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.651 min Scan# 2795
Delta R.T. -0.000 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

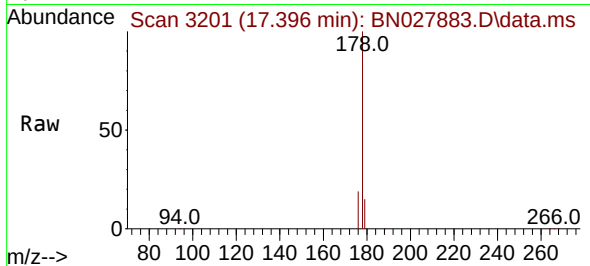
Tgt Ion:166 Resp: 29189
Ion Ratio Lower Upper
166 100
165 99.3 78.0 117.0
167 14.9 11.4 17.2





#15
Phenanthrene
Concen: 4.213 ng/uI
RT: 17.396 min Scan# 3201
Delta R.T. -0.000 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

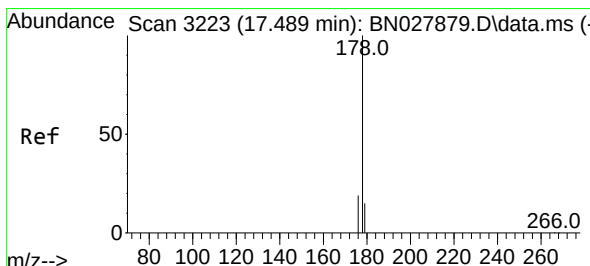
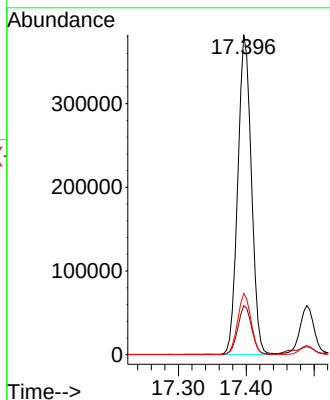
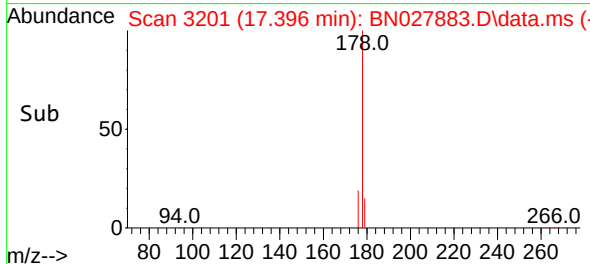
Instrument :
BNA_N
ClientSampleId :
EZY9



Tgt Ion:178 Resp: 52833
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 19.1 16.0 24.0

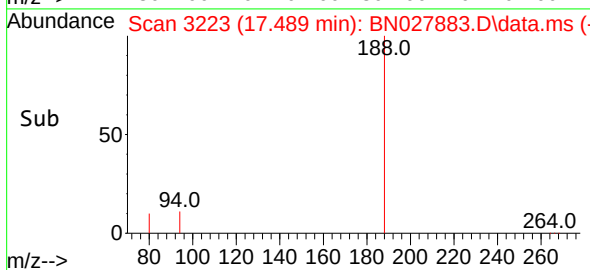
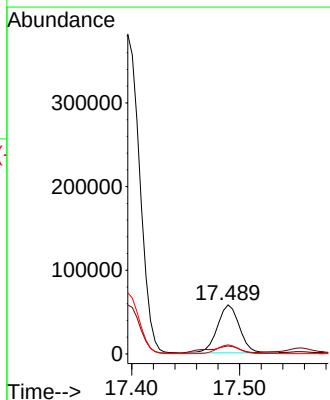
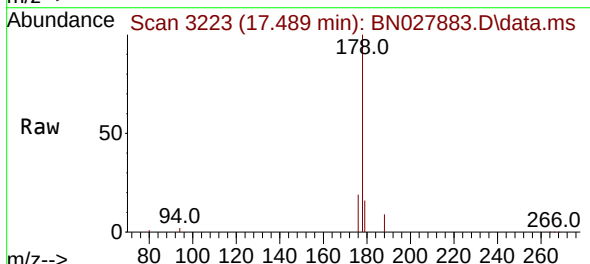
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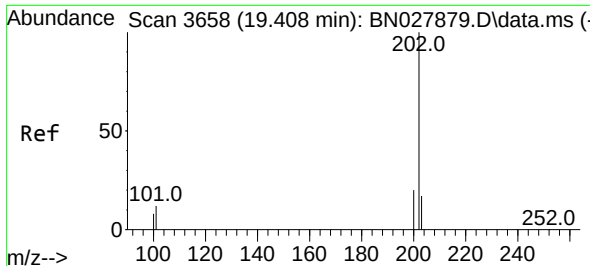
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#16
Anthracene
Concen: 0.773 ng/uI
RT: 17.489 min Scan# 3223
Delta R.T. -0.000 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

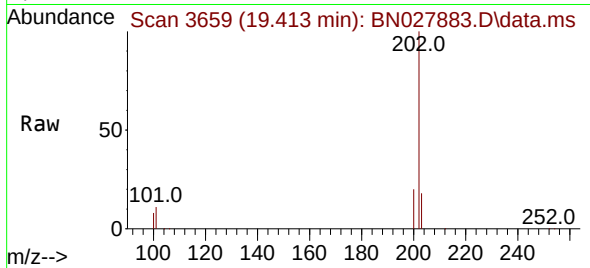
Tgt Ion:178 Resp: 81161
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 18.6 15.5 23.3





#19
Fluoranthene
Concen: 5.478 ng/u1
RT: 19.413 min Scan# 3659
Delta R.T. 0.005 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

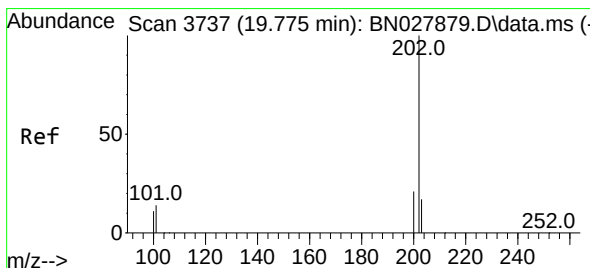
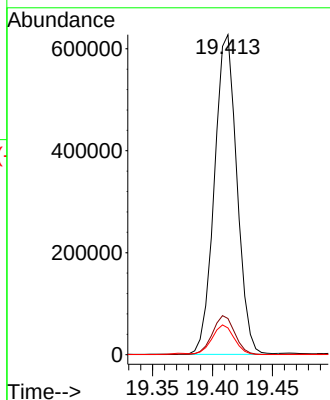
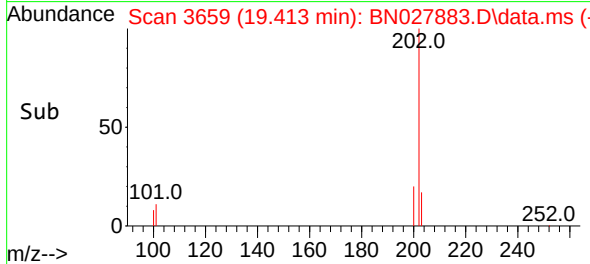
Instrument :
BNA_N
ClientSampleId :
EZY9



Tgt Ion:202 Resp: 819550
Ion Ratio Lower Upper
202 100
101 11.3 9.3 13.9
100 8.3 7.0 10.4

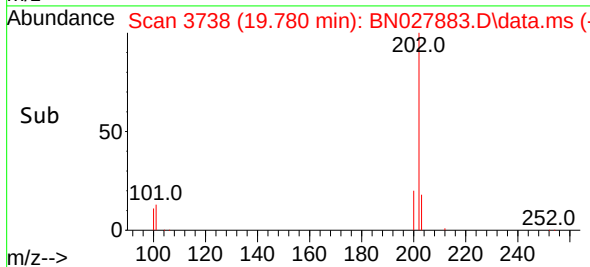
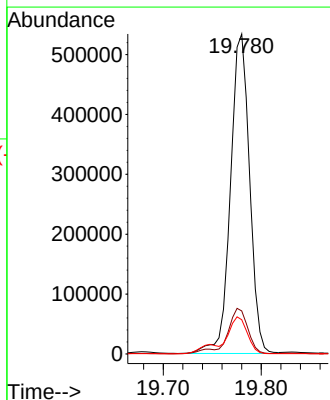
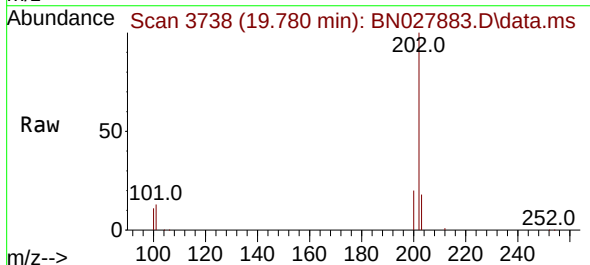
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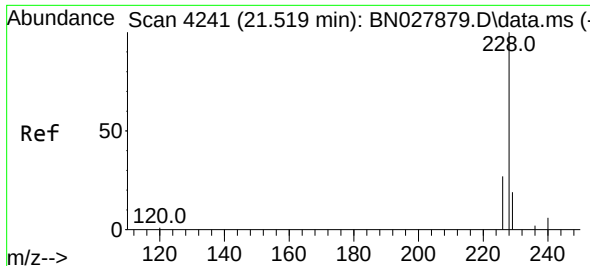
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#20
Pyrene
Concen: 4.687 ng/u1
RT: 19.780 min Scan# 3738
Delta R.T. 0.005 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

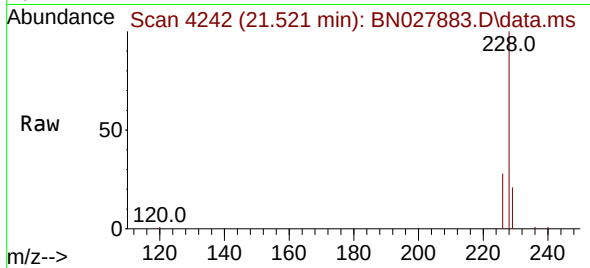
Tgt Ion:202 Resp: 722446
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 10.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.758 ng/ul
RT: 21.521 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

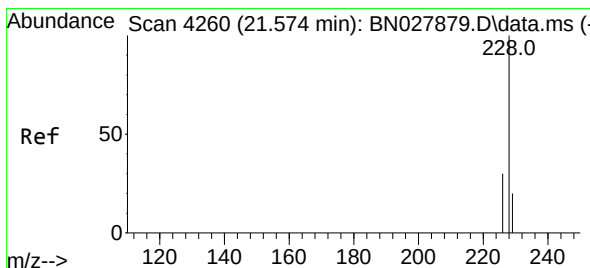
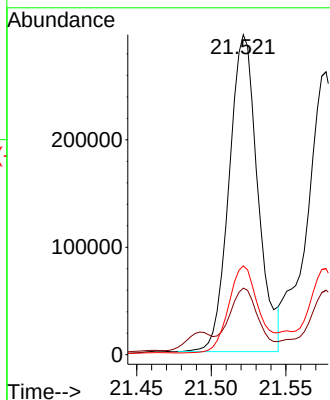
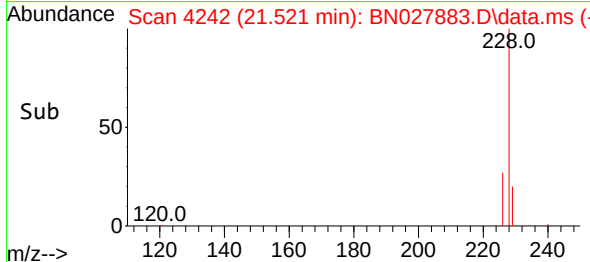
Instrument :
BNA_N
ClientSampleId :
EZY9



Tgt Ion:228 Resp: 39480
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 27.7 22.0 33.0

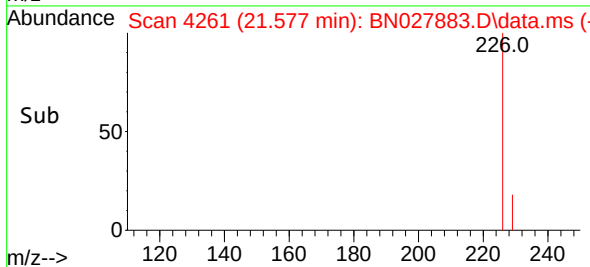
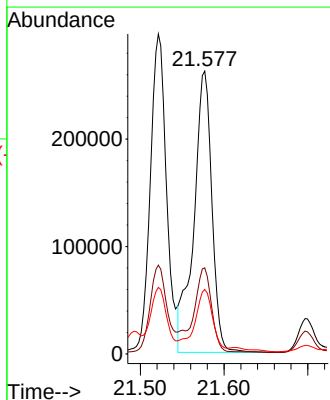
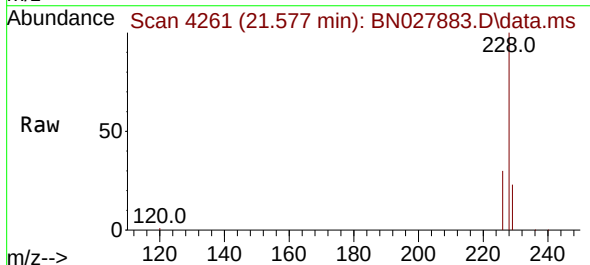
Manual Integrations
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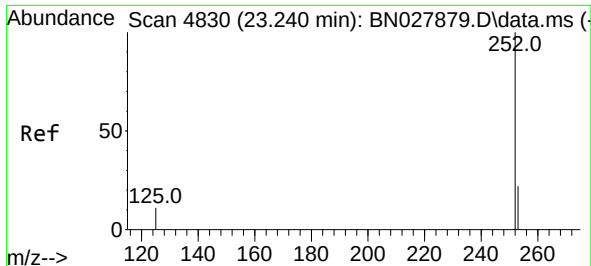
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#22
Chrysene
Concen: 2.653 ng/ul
RT: 21.577 min Scan# 4261
Delta R.T. 0.003 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

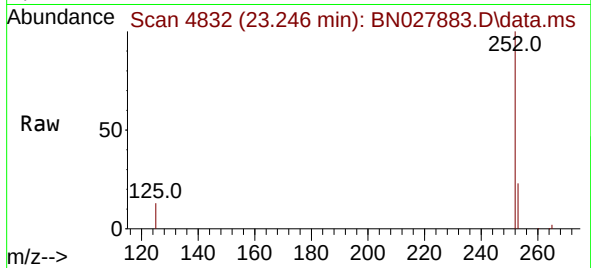
Tgt Ion:228 Resp: 392419
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 22.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 3.090 ng/ul m
RT: 23.246 min Scan# 4832
Delta R.T. 0.006 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

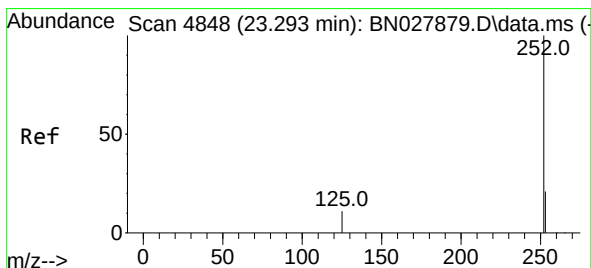
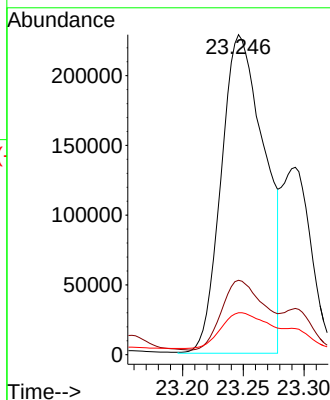
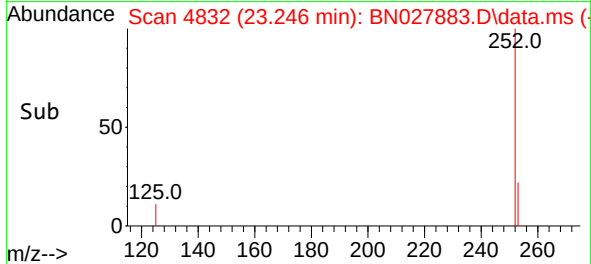
Instrument :
BNA_N
ClientSampleId :
EZY9



Tgt Ion:252 Resp: 565000
Ion Ratio Lower Upper
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253 23.2 0.0 50.2
125 13.1 0.0 31.4

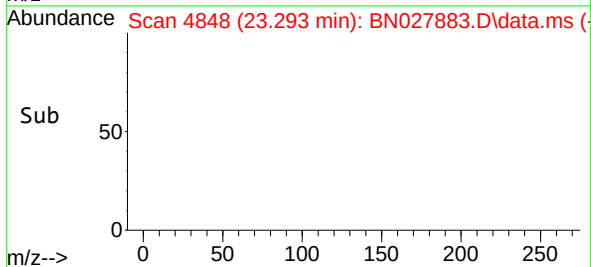
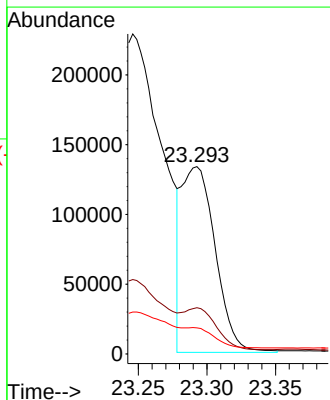
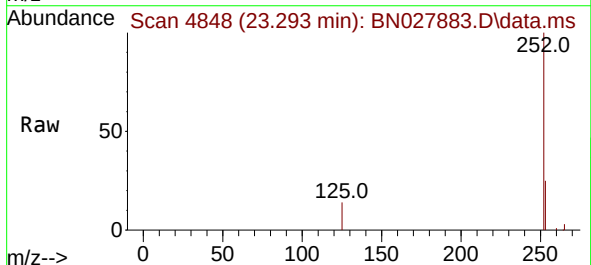
Manual Integrations
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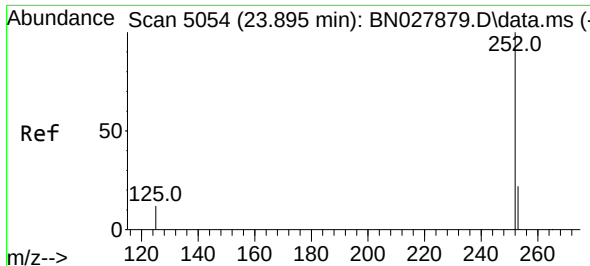
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#25
Benzo(k)fluoranthene
Concen: 1.279 ng/ul m
RT: 23.293 min Scan# 4848
Delta R.T. -0.000 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

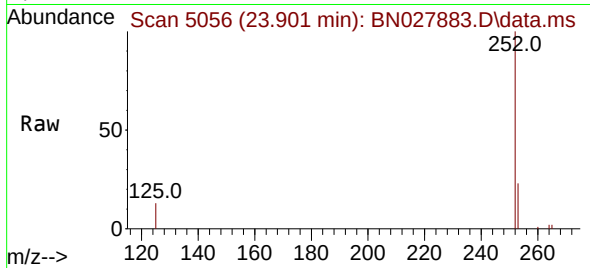
Tgt Ion:252 Resp: 226614
Ion Ratio Lower Upper
252 100
253 24.6 19.9 29.9
125 13.9 12.6 19.0





#26
Benzo(a)pyrene
Concen: 3.078 ng/ul
RT: 23.901 min Scan# 5054
Delta R.T. 0.006 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

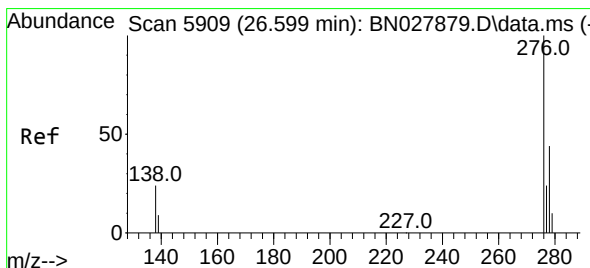
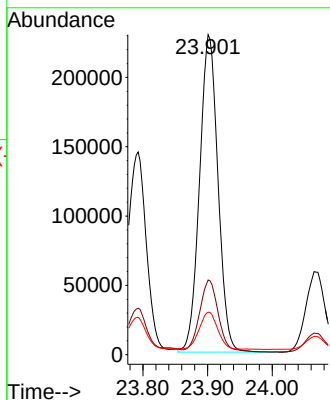
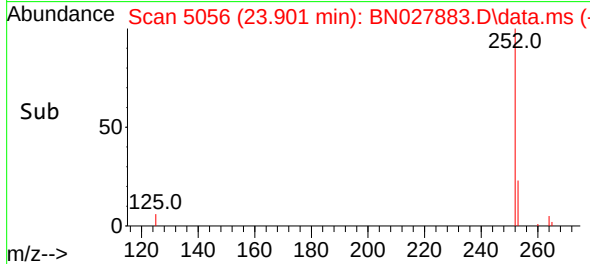
Instrument :
BNA_N
ClientSampleId :
EZY9



Tgt Ion:252 Resp: 452625
Ion Ratio Lower Upper
252 100
253 23.4 21.9 32.9
125 13.3 15.5 23.3

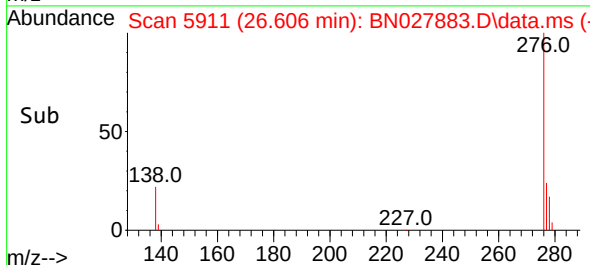
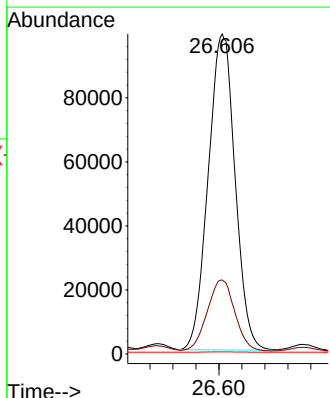
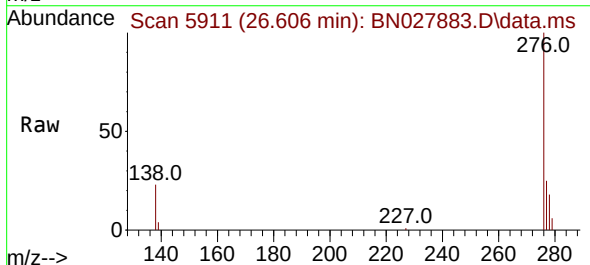
Manual Integrations
APPROVED

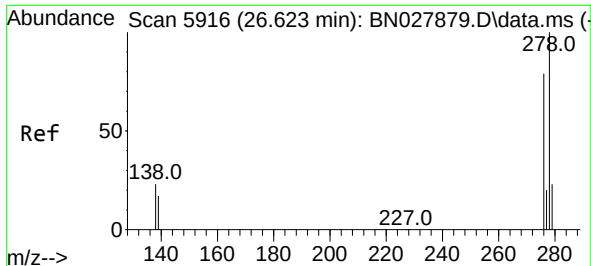
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.697 ng/ul
RT: 26.606 min Scan# 5911
Delta R.T. 0.007 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

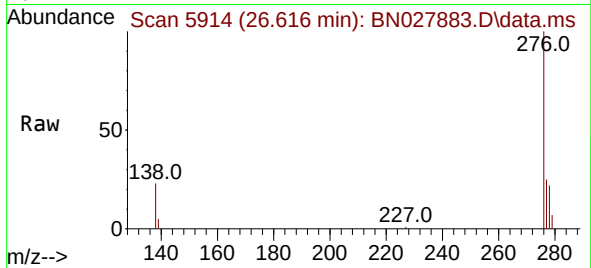
Tgt Ion:276 Resp: 319807
Ion Ratio Lower Upper
276 100
138 23.0 24.3 36.5#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.514 ng/ul
RT: 26.616 min Scan# 5914
Delta R.T. -0.007 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45

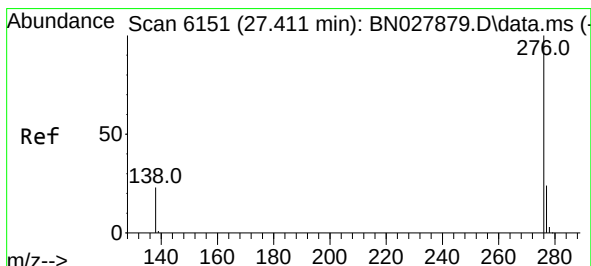
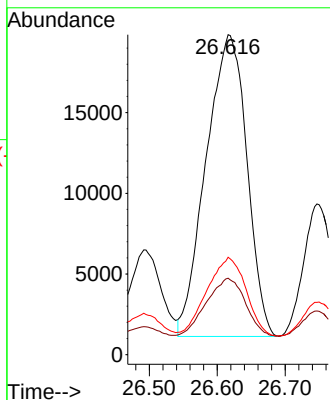
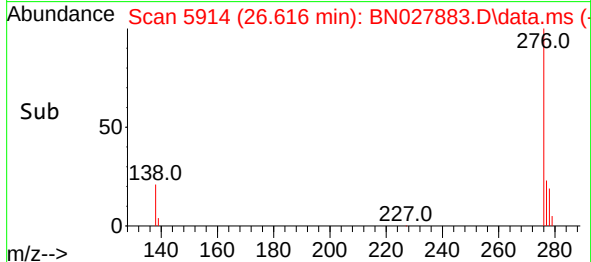
Instrument :
BNA_N
ClientSampleId :
EZY9



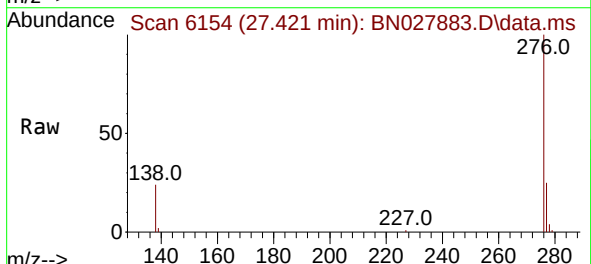
Tgt Ion:278 Resp: 7805
Ion Ratio Lower Upper
278 100
139 23.9 17.2 25.8
279 30.5 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#29
Benzo(g,h,i)perylene
Concen: 1.855 ng/ul
RT: 27.421 min Scan# 6154
Delta R.T. 0.010 min
Lab File: BN027883.D
Acq: 27 Sep 2023 04:45



Tgt Ion:276 Resp: 296867
Ion Ratio Lower Upper
276 100
138 23.6 21.7 32.5
277 24.6 20.2 30.2

